7.6.4. Test Result

Product	Mobile Computer	Temperature	25°C
Test Engineer	Polly Zong	Relative Humidity	52%
Test Site	TR3	Test Date	2017/05/23

FDD LTE Band 2							
Bandwidth (MHz)	RB Set	Power (dBm)					
		QPSK			16QAM		
	Channel	18607	18900	19193	18607	18900	19193
1.4MHz	1 (RB_Pos:0)	23.01	22.45	23.15	22.01	21.81	21.91
	1 (RB_Pos: 2)	22.99	22.44	23.13	22.02	21.71	21.95
	1 (RB_Pos:5)	22.79	22.33	22.94	21.85	21.59	21.83
	3 (RB_Pos:0)	22.65	22.20	22.86	21.61	21.31	21.79
	3 (RB_Pos:1)	22.60	22.07	22.75	21.40	21.04	21.58
	3 (RB_Pos:2)	22.53	21.97	22.47	21.31	20.95	21.33
	6 (RB_Pos:0)	22.28	21.87	22.27	21.07	20.82	21.27
Bandwidth (MHz)	RB Set	Power (dBm)					
		QPSK			16QAM		
	Channel	18615	18900	19185	18615	18900	19185
3MHz	1 (RB_Pos:0)	23.09	22.49	23.13	21.98	21.69	22.11
	1 (RB_Pos:7)	23.12	22.5	23.14	22.09	21.71	22.08
	1 (RB_Pos:14)	22.88	22.42	23.09	21.98	21.67	21.92
	8 (RB_Pos:0)	22.84	22.40	22.94	21.81	21.50	21.65
	8 (RB_Pos:4)	22.80	22.11	22.73	21.78	21.46	21.35
	8 (RB_Pos:7)	22.75	21.88	22.47	21.49	21.31	21.30
	15 (RB_Pos:0)	22.54	21.82	22.17	21.28	21.06	20.99
Bandwidth (MHz)	RB Set	Power (dBm)					
		QPSK			16QAM		
	Channel	18625	18900	19175	18625	18900	19175
5MHz	1 (RB_Pos:0)	23.01	22.48	23.12	22.13	21.59	22.08
	1 (RB_Pos:12)	22.99	22.46	23.13	22.11	21.5	22.3
	1 (RB_Pos:24)	22.95	22.16	22.84	21.97	21.48	22.12
	12 (RB_Pos:0)	22.62	21.89	22.77	21.90	21.47	21.97
	12 (RB_Pos:6)	22.43	21.84	22.59	21.58	21.42	21.76
	12 (RB_Pos:11)	22.39	21.70	22.41	21.44	21.19	21.67
	25 (RB_Pos:0)	22.17	21.40	22.11	21.41	21.17	21.55

Bandwidth (MHz)	RB Set	Power (dBm)					
		QPSK			16QAM		
	Channel	18650	18900	19150	18650	18900	19150
10MHz	1 (RB_Pos:0)	23.03	22.56	23.04	21.98	21.65	22.06
	1 (RB_Pos:24)	23.04	22.57	23.03	21.84	21.58	21.99
	1 (RB_Pos:49)	22.76	22.37	22.89	21.51	21.35	21.88
	25 (RB_Pos:0)	22.60	22.18	22.73	21.40	21.24	21.83
	25 (RB_Pos:12)	22.28	22.15	22.67	21.37	21.19	21.51
	25 (RB_Pos:24)	22.25	21.87	22.63	21.12	20.98	21.27
	50 (RB_Pos:0)	22.14	21.62	22.41	21.00	20.71	21.17
Bandwidth (MHz)	RB Set	Power (dBm)					
		QPSK			16QAM		
	Channel	18675	18900	19125	18675	18900	19125
15MHz	1 (RB_Pos:0)	22.85	22.53	23.03	21.76	21.54	21.96
	1 (RB_Pos:37)	22.87	22.51	23.01	21.88	21.63	21.89
	1 (RB_Pos:74)	22.59	22.39	22.90	21.78	21.42	21.83
	36 (RB_Pos:0)	22.28	22.13	22.76	21.76	21.12	21.72
	36 (RB_Pos:18)	22.04	21.81	22.67	21.66	20.83	21.48
	36 (RB_Pos:37)	21.83	21.58	22.59	21.52	20.80	21.33
	75 (RB_Pos:0)	21.81	21.35	22.47	21.33	20.59	21.01
Bandwidth (MHz)	RB Set	Power (dBm)					
		QPSK			16QAM		
	Channel	18700	18900	19100	18700	18900	19100
20MHz	1 (RB_Pos:0)	23.46	23.18	23.37	23.18	22.83	23.56
	1 (RB_Pos:49)	22.66	23.2	23.38	23.09	22.84	23.51
	1 (RB_Pos:99)	22.64	22.88	23.27	22.78	22.67	23.24
	50 (RB_Pos:0)	22.44	22.69	23.19	22.47	22.62	23.04
	50 (RB_Pos:24)	22.35	22.46	22.92	22.18	22.47	22.78
	50 (RB_Pos:49)	22.33	22.38	22.77	21.96	22.40	22.75
	100 (RB_Pos:0)	22.12	22.19	22.45	21.96	22.15	22.74

FDD LTE Band 4							
Bandwidth (MHz)	RB Set	Power (dBm)					
		QPSK			16QAM		
	Channel	19957	20175	20393	19957	20175	20393
1.4MHz	1 (RB_Pos:0)	22.56	22.75	23.31	21.69	22.07	22.03
	1 (RB_Pos:2)	22.54	22.74	23.30	21.89	22.08	22.22
	1 (RB_Pos:5)	22.34	22.50	23.00	21.89	21.76	22.14
	3 (RB_Pos:0)	22.19	22.35	22.74	21.84	21.53	21.83
	3 (RB_Pos:1)	21.94	22.20	22.66	21.53	21.38	21.79
	3 (RB_Pos:2)	21.64	22.15	22.62	21.29	21.15	21.70
	6 (RB_Pos:0)	21.38	21.83	22.59	21.02	21.09	21.52
Bandwidth (MHz)	RB Set	Power (dBm)					
		QPSK			16QAM		
	Channel	19965	20175	20385	19965	20175	20385
3.0MHz	1 (RB_Pos:0)	22.43	22.89	23.33	21.59	21.69	22.40
	1 (RB_Pos:7)	22.57	22.88	23.32	21.58	21.68	22.37
	1 (RB_Pos:14)	22.28	22.86	23.05	21.30	21.40	22.27
	8 (RB_Pos:0)	22.13	22.79	22.96	21.03	21.10	22.07
	8 (RB_Pos:4)	22.08	22.75	22.66	20.96	20.89	21.78
	8 (RB_Pos:7)	21.92	22.53	22.34	20.71	20.75	21.48
	15 (RB_Pos:0)	21.68	22.36	22.34	20.70	20.66	21.20
Bandwidth (MHz)	RB Set	Power (dBm)					
		QPSK			16QAM		
	Channel	19975	20175	20375	19975	20175	20375
5MHz	1 (RB_Pos:0)	22.46	22.88	23.37	21.63	21.89	22.53
	1 (RB_Pos:12)	22.45	22.86	23.36	21.65	21.92	22.32
	1 (RB_Pos:24)	22.28	22.58	23.23	21.39	21.89	22.20
	12 (RB_Pos:0)	22.22	22.55	23.04	21.33	21.63	22.02
	12 (RB_Pos:6)	21.93	22.39	22.96	21.02	21.34	21.86
	12 (RB_Pos:11)	21.89	22.08	22.69	20.82	21.12	21.57
	25 (RB_Pos:0)	21.66	21.95	22.37	20.64	20.88	21.44

Bandwidth (MHz)	RB Set	Power (dBm)					
		QPSK			16QAM		
	Channel	20000	20175	20350	20000	20175	20350
10MHz	1 (RB_Pos:0)	22.59	22.92	23.4	21.65	21.92	22.21
	1 (RB_Pos:24)	22.60	22.91	23.3	21.64	21.83	22.36
	1 (RB_Pos:49)	22.42	22.69	23.05	21.59	21.77	22.29
	25 (RB_Pos:0)	22.41	22.42	22.79	21.42	21.52	22.16
	25 (RB_Pos:12)	22.36	22.37	22.56	21.15	21.40	22.09
	25 (RB_Pos:24)	22.05	22.06	22.32	21.12	21.11	21.79
	50 (RB_Pos:0)	22.02	22.04	22.13	21.11	21.05	21.62
Bandwidth (MHz)	RB Set	Power (dBm)					
		QPSK			16QAM		
	Channel	20025	20175	20325	20025	20175	20325
15MHz	1 (RB_Pos:0)	22.74	22.87	22.81	21.76	21.93	22.34
	1 (RB_Pos:37)	22.73	22.90	22.82	21.74	21.92	22.35
	1 (RB_Pos:74)	22.58	22.88	22.81	21.44	21.89	22.25
	36 (RB_Pos:0)	22.41	22.72	22.49	21.41	21.58	22.12
	36 (RB_Pos:18)	22.10	22.42	22.39	21.26	21.39	22.01
	36 (RB_Pos:37)	22.02	22.14	22.16	21.14	21.16	21.79
	75 (RB_Pos:0)	21.97	21.94	21.89	20.90	21.07	21.67
Bandwidth (MHz)	RB Set	Power (dBm)					
		QPSK			16QAM		
	Channel	20050	20175	20300	20050	20175	20300
20MHz	1 (RB_Pos:0)	23.81	23.84	23.45	21.80	22.04	22.36
	1 (RB_Pos:49)	23.80	23.86	23.44	21.91	21.97	22.40
	1 (RB_Pos:99)	23.77	23.55	23.27	21.82	21.87	22.17
	50 (RB_Pos:0)	23.55	23.41	23.08	21.74	21.69	22.17
	50 (RB_Pos:24)	23.45	23.28	23.06	21.56	21.51	21.98
	50 (RB_Pos:49)	23.20	23.20	23.06	21.23	21.43	21.86
	100 (RB_Pos:0)	23.11	22.88	22.80	21.01	21.14	21.79

FDD LTE Band 7							
Bandwidth (MHz)	RB Set	Power (dBm)					
		QPSK			16QAM		
	Channel	20775	21100	21425	20775	21100	21425
5MHz	1 (RB_Pos:0)	22.94	22.98	23.02	21.94	22.13	22.01
	1 (RB_Pos:12)	22.95	22.95	23.01	21.88	22.09	22.00
	1 (RB_Pos:24)	22.81	22.85	22.77	21.90	22.08	21.97
	12 (RB_Pos:0)	22.60	22.75	22.69	21.71	21.89	21.84
	12 (RB_Pos:6)	22.46	22.44	22.69	21.44	21.71	21.53
	12 (RB_Pos:11)	22.24	22.32	22.69	21.22	21.62	21.23
	25 (RB_Pos:0)	21.98	22.14	22.59	21.12	21.45	21.07
Bandwidth (MHz)	RB Set	Power (dBm)					
		QPSK			16QAM		
	Channel	20800	21100	21400	20800	21100	21400
10MHz	1 (RB_Pos:0)	22.96	22.98	22.98	21.97	22.05	22.03
	1 (RB_Pos:24)	22.97	23.08	23.01	21.92	22.03	21.97
	1 (RB_Pos:49)	22.81	22.92	23.00	21.66	21.71	21.92
	25 (RB_Pos:0)	22.46	22.64	22.70	21.50	21.44	21.70
	25 (RB_Pos:12)	22.31	22.41	22.51	21.47	21.33	21.49
	25 (RB_Pos:24)	21.88	22.33	22.26	21.27	21.18	21.33
	50 (RB_Pos:0)	21.80	22.06	22.06	21.25	21.22	21.28
Bandwidth (MHz)	RB Set	Power (dBm)					
		QPSK			16QAM		
	Channel	20825	21100	21375	20825	21100	21375
15MHz	1 (RB_Pos:0)	22.99	22.95	22.95	21.84	22.22	21.79
	1 (RB_Pos:37)	22.96	22.97	22.94	21.88	21.88	21.85
	1 (RB_Pos:74)	22.65	22.79	22.87	21.88	21.70	21.58
	36 (RB_Pos:0)	22.44	22.62	22.65	21.53	21.60	21.49
	36 (RB_Pos:18)	22.27	22.38	22.40	21.30	21.38	21.17
	36 (RB_Pos:37)	22.11	22.31	22.08	21.32	21.20	20.90
	75 (RB_Pos:0)	21.87	22.28	22.06	21.29	20.75	20.60

Bandwidth (MHz)	RB Set	Power (dBm)					
		QPSK			16QAM		
	Channel	20850	21100	21350	20850	21100	21350
20MHz	1 (RB_Pos:0)	23.21	23.60	23.24	22.79	23.61	23.31
	1 (RB_Pos:49)	23.23	23.57	23.07	22.75	23.65	23.08
	1 (RB_Pos:99)	23.01	23.46	22.98	22.63	23.46	22.86
	50 (RB_Pos:0)	22.91	23.25	22.87	22.52	23.47	22.65
	50 (RB_Pos:24)	22.71	23.07	22.65	22.32	23.28	22.57
	50 (RB_Pos:49)	22.59	22.89	22.58	22.23	23.08	22.38
	100 (RB_Pos:0)	22.43	22.66	22.43	22.18	22.99	22.26

ERP/EIRP

LTE Band 2							
Bandwidth	Modulation	UL Channel	Frequency (MHz)	Conducted Power (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1.4M	QPSK	18607	1850.7	23.01	23.49	33.0	-9.51
		18900	1880.0	22.45	23.06	33.0	-9.94
		19193	1909.3	23.15	23.66	33.0	-9.34
1.4M	16QAM	18607	1850.7	22.02	22.53	33.0	-10.47
		18900	1880.0	21.81	22.43	33.0	-10.57
		19193	1909.3	21.95	22.40	33.0	-10.60
3M	QPSK	18615	1851.5	23.12	23.60	33.0	-9.40
		18900	1880.0	22.50	23.09	33.0	-9.91
		19185	1908.5	23.14	23.64	33.0	-9.36
3M	16QAM	18615	1851.5	22.09	22.59	33.0	-10.41
		18900	1880.0	21.71	22.31	33.0	-10.69
		19185	1908.5	22.11	22.61	33.0	-10.39
5M	QPSK	18625	1852.5	23.01	23.47	33.0	-9.53
		18900	1880.0	22.48	23.05	33.0	-9.95
		19175	1907.5	23.13	23.63	33.0	-9.37
5M	16QAM	18625	1852.5	22.13	22.60	33.0	-10.40
		18900	1880.0	21.59	22.19	33.0	-10.81
		19175	1907.5	22.30	22.80	33.0	-10.20
10M	QPSK	18650	1855.0	23.04	23.54	33.0	-9.46
		18900	1880.0	22.57	23.17	33.0	-9.83
		19150	1905.0	23.04	23.54	33.0	-9.46
10M	16QAM	18650	1855.0	21.98	22.48	33.0	-10.52
		18900	1880.0	21.65	22.23	33.0	-10.77
		19150	1905.0	22.06	22.55	33.0	-10.45
15M	QPSK	18675	1857.5	22.87	23.37	33.0	-9.63
		18900	1880.0	22.53	23.13	33.0	-9.87
		19125	1902.5	23.03	23.53	33.0	-9.47
15M	16QAM	18675	1857.5	21.88	22.36	33.0	-10.64
		18900	1880.0	21.63	22.23	33.0	-10.77
		19125	1902.5	21.96	22.47	33.0	-10.53
20M	QPSK	18700	1860.0	23.46	23.98	33.0	-9.02
		18900	1880.0	23.20	23.80	33.0	-9.20
		19100	1900.0	23.38	23.87	33.0	-9.13
20M	16QAM	18700	1860.0	23.18	23.68	33.0	-9.32
		18900	1880.0	22.84	23.39	33.0	-9.61
		19100	1900.0	23.56	24.03	33.0	-8.97

ERP/EIRP

LTE Band 4							
Bandwidth	Modulation	UL Channel	Frequency (MHz)	Conducted Power (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1.4M	QPSK	19957	1710.7	22.56	21.76	30.0	-8.24
		20175	1732.5	22.75	22.96	30.0	-7.04
		20393	1754.3	23.31	23.71	30.0	-6.29
1.4M	16QAM	19957	1710.7	21.89	21.07	30.0	-8.93
		20175	1732.5	22.08	22.27	30.0	-7.73
		20393	1754.3	22.22	22.64	30.0	-7.36
3M	QPSK	19965	1711.5	22.57	21.75	30.0	-8.25
		20175	1732.5	22.89	23.11	30.0	-6.89
		20385	1753.5	23.33	23.76	30.0	-6.24
3M	16QAM	19965	1711.5	21.59	20.84	30.0	-9.16
		20175	1732.5	21.69	21.89	30.0	-8.11
		20385	1753.5	22.40	22.82	30.0	-7.18
5M	QPSK	19975	1712.5	22.46	21.64	30.0	-8.36
		20175	1732.5	22.88	23.09	30.0	-6.91
		20375	1752.5	23.37	23.75	30.0	-6.25
5M	16QAM	19975	1712.5	21.65	20.86	30.0	-9.14
		20175	1732.5	21.92	22.16	30.0	-7.84
		20375	1752.5	22.53	22.92	30.0	-7.08
10M	QPSK	20000	1715.0	22.60	21.80	30.0	-8.20
		20175	1732.5	22.92	23.15	30.0	-6.85
		20350	1750.0	23.40	23.80	30.0	-6.20
10M	16QAM	20000	1715.0	21.65	20.85	30.0	-9.15
		20175	1732.5	21.92	22.12	30.0	-7.88
		20350	1750.0	22.36	22.76	30.0	-7.24
15M	QPSK	20025	1717.5	22.74	21.94	30.0	-8.06
		20175	1732.5	22.90	23.10	30.0	-6.90
		20325	1747.5	22.82	23.22	30.0	-6.78
15M	16QAM	20025	1717.5	21.76	20.96	30.0	-9.04
		20175	1732.5	21.93	22.11	30.0	-7.89
		20325	1747.5	22.35	22.77	30.0	-7.23
20M	QPSK	20050	1720.0	23.81	23.01	30.0	-6.99
		20175	1732.5	23.86	24.04	30.0	-5.96
		20300	1745.0	23.45	23.87	30.0	-6.13
20M	16QAM	20050	1720.0	21.91	21.11	30.0	-8.89
		20175	1732.5	22.04	22.22	30.0	-7.78
		20300	1745.0	22.40	22.78	30.0	-7.22

ERP/EIRP

LTE Band 7							
Bandwidth	Modulation	UL Channel	Frequency (MHz)	Conducted Power (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5M	QPSK	20775	2502.5	22.95	25.00	33.0	-8.00
		21100	2535.0	22.98	25.07	33.0	-7.93
		21425	2567.5	23.02	25.33	33.0	-7.67
5M	16QAM	20775	2502.5	21.94	23.98	33.0	-9.02
		21100	2535.0	22.13	24.25	33.0	-8.75
		21425	2567.5	22.01	24.33	33.0	-8.67
10M	QPSK	20800	2505.0	22.97	25.03	33.0	-7.97
		21100	2535.0	23.08	25.19	33.0	-7.81
		21400	2565.0	23.01	25.34	33.0	-7.66
10M	16QAM	20800	2505.0	21.97	24.01	33.0	-8.99
		21100	2535.0	22.05	24.14	33.0	-8.86
		21400	2565.0	22.03	24.34	33.0	-8.66
15M	QPSK	20825	2507.5	22.99	25.04	33.0	-7.96
		21100	2535.0	22.97	25.02	33.0	-7.98
		21375	2562.5	22.95	25.26	33.0	-7.74
15M	16QAM	20825	2507.5	21.88	23.90	33.0	-9.10
		21100	2535.0	22.22	24.35	33.0	-8.65
		21375	2562.5	21.85	24.16	33.0	-8.84
20M	QPSK	20850	2510.0	23.23	25.28	33.0	-7.72
		21100	2535.0	23.60	25.69	33.0	-7.31
		21350	2560.0	23.24	25.57	33.0	-7.43
20M	16QAM	20850	2510.0	22.79	24.82	33.0	-8.18
		21100	2535.0	23.65	25.76	33.0	-7.24
		21350	2560.0	23.31	25.64	33.0	-7.36

Radiated Spurious Emissions Measurements

Product	Mobile Computer	Temperature	25°C
Test Engineer	Polly Zong	Relative Humidity	52%
Test Site	TR3	Test Date	2017/05/23

LTE Band 2 / QPSK							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 18607 (1850.7MHz) BW=1.4MHz							
3703.00	V	-64.87	1.02	12.69	-53.20	-13.00	-40.20
5556.00	V	-48.93	1.25	13.15	-37.03	-13.00	-24.03
3703.00	H	-60.43	1.02	12.69	-48.76	-13.00	-35.76
5556.00	H	-54.65	1.25	13.15	-42.75	-13.00	-29.75
Mid. CH 18900 (1880.0MHz) BW=1.4MHz							
3762.50	V	-66.37	1.02	12.73	-54.66	-13.00	-41.66
5641.00	V	-63.10	1.26	13.14	-51.22	-13.00	-38.22
3762.50	H	-65.36	1.02	12.73	-53.65	-13.00	-40.65
5641.00	H	-58.85	1.26	13.14	-46.97	-13.00	-33.97
High CH 19193 (1909.3MHz) BW=1.4MHz							
3822.00	V	-68.87	1.02	12.73	-57.16	-13.00	-44.16
5726.00	V	-59.57	1.27	13.11	-47.73	-13.00	-34.73
3818.60	H	-67.53	1.02	12.73	-55.82	-13.00	-42.82
5726.00	H	-61.92	1.27	13.11	-50.08	-13.00	-37.08

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 2 / 16QAM							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 18607 (1850.7MHz) BW=1.4MHz							
3703.00	V	-64.78	1.02	12.69	-53.11	-13.00	-40.11
5556.00	V	-52.56	1.25	13.15	-40.66	-13.00	-27.66
3703.00	H	-62.53	1.02	12.69	-50.86	-13.00	-37.86
5547.50	H	-49.66	1.26	13.15	-37.77	-13.00	-24.77
Mid. CH 18900 (1880.0MHz) BW=1.4MHz							
3762.50	V	-65.39	1.02	12.73	-53.68	-13.00	-40.68
5641.00	V	-61.30	1.26	13.14	-49.42	-13.00	-36.42
3762.50	H	-62.69	1.02	12.73	-50.98	-13.00	-37.98
5641.00	H	-58.99	1.26	13.14	-47.11	-13.00	-34.11
High CH 19193 (1909.3MHz) BW=1.4MHz							
3822.00	V	-69.23	1.02	12.73	-57.52	-13.00	-44.52
5726.00	V	-61.47	1.27	13.11	-49.63	-13.00	-36.63
3822.00	H	-67.12	1.02	12.73	-55.41	-13.00	-42.41
5726.00	H	-59.95	1.27	13.11	-48.11	-13.00	-35.11

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 2 / QPSK							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 18615 (1851.5MHz) BW=3MHz							
3703.00	V	-65.69	1.02	12.69	-54.02	-13.00	-41.02
5556.00	V	-49.66	1.25	13.15	-37.76	-13.00	-24.76
3703.00	H	-61.75	1.02	12.69	-50.08	-13.00	-37.08
5556.00	H	-50.21	1.25	13.15	-38.31	-13.00	-25.31
Mid. CH 18900 (1880.0MHz) BW=3MHz							
3762.50	V	-65.68	1.02	12.73	-53.97	-13.00	-40.97
5641.00	V	-59.31	1.26	13.14	-47.43	-13.00	-34.43
3762.50	H	-63.39	1.02	12.73	-51.68	-13.00	-38.68
5641.00	H	-58.35	1.26	13.14	-46.47	-13.00	-33.47
High CH 19185 (1908.5MHz) BW=3MHz							
3817.00	V	-69.83	1.02	12.74	-58.11	-13.00	-45.11
5726.00	V	-64.32	1.27	13.11	-52.48	-13.00	-39.48
3813.50	H	-67.99	1.02	12.74	-56.27	-13.00	-43.27
5726.00	H	-62.83	1.27	13.11	-50.99	-13.00	-37.99

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 2 / 16QAM							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 18615 (1851.5MHz) BW=3MHz							
3703.00	V	-67.17	1.02	12.69	-55.50	-13.00	-42.50
5556.00	V	-55.28	1.25	13.15	-43.38	-13.00	-30.38
3703.00	H	-62.78	1.02	12.69	-51.11	-13.00	-38.11
5556.00	H	-52.60	1.25	13.15	-40.70	-13.00	-27.70
Mid. CH 18900 (1880.0MHz) BW=3MHz							
3762.50	V	-67.37	1.02	12.73	-55.66	-13.00	-42.66
5641.00	V	-63.19	1.26	13.14	-51.31	-13.00	-38.31
3762.50	H	-65.02	1.02	12.73	-53.31	-13.00	-40.31
5641.00	H	-62.52	1.26	13.14	-50.64	-13.00	-37.64
High CH 19185 (1908.5MHz) BW=3MHz							
3817.00	V	-70.06	1.02	12.74	-58.34	-13.00	-45.34
5726.00	V	-64.77	1.27	13.11	-52.93	-13.00	-39.93
3813.50	H	-66.66	1.02	12.74	-54.94	-13.00	-41.94
5726.00	H	-63.24	1.27	13.11	-51.40	-13.00	-38.40

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 2 / QPSK							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 18625 (1852.5MHz) BW=5MHz							
3703.00	V	-66.69	1.02	12.69	-55.02	-13.00	-42.02
5556.00	V	-56.74	1.25	13.15	-44.84	-13.00	-31.84
3703.00	H	-63.87	1.02	12.69	-52.20	-13.00	-39.20
5556.00	H	-55.10	1.25	13.15	-43.20	-13.00	-30.20
Mid. CH 18900 (1880.0MHz) BW=5MHz							
3754.00	V	-68.33	1.01	12.72	-56.62	-13.00	-43.62
5632.50	V	-62.32	1.26	13.14	-50.44	-13.00	-37.44
3754.00	H	-65.58	1.01	12.72	-53.87	-13.00	-40.87
5641.00	H	-62.79	1.26	13.14	-50.91	-13.00	-37.91
High CH 19175 (1907.5MHz) BW=5MHz							
3815.00	V	-69.63	1.02	12.74	-57.91	-13.00	-44.91
5726.00	V	-65.31	1.27	13.11	-53.47	-13.00	-40.47
3813.50	H	-67.16	1.02	12.74	-55.44	-13.00	-42.44
5717.50	H	-64.65	1.27	13.11	-52.81	-13.00	-39.81

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 2 / 16QAM							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 18625 (1852.5MHz) BW=5MHz							
3711.50	V	-67.26	1.02	12.70	-55.58	-13.00	-42.58
5556.00	V	-57.77	1.25	13.15	-45.87	-13.00	-32.87
3703.00	H	-63.65	1.02	12.69	-51.98	-13.00	-38.98
5556.00	H	-55.32	1.25	13.15	-43.42	-13.00	-30.42
Mid. CH 18900 (1880.0MHz) BW=5MHz							
3762.50	V	-68.07	1.02	12.73	-56.36	-13.00	-43.36
5641.00	V	-64.78	1.26	13.14	-52.90	-13.00	-39.90
3762.50	H	-65.61	1.02	12.73	-53.90	-13.00	-40.90
5641.00	H	-63.62	1.26	13.14	-51.74	-13.00	-38.74
High CH 19175 (1907.5MHz) BW=5MHz							
3815.00	V	-69.91	1.02	12.74	-58.19	-13.00	-45.19
5717.50	V	-65.98	1.27	13.11	-54.14	-13.00	-41.14
3813.50	H	-67.10	1.02	12.74	-55.38	-13.00	-42.38
5717.50	H	-64.91	1.27	13.11	-53.07	-13.00	-40.07

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 2 / QPSK							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 18650 (1855.0MHz) BW=10MHz							
3703.00	V	-65.83	1.02	12.69	-54.16	-13.00	-41.16
5556.00	V	-50.46	1.25	13.15	-38.56	-13.00	-25.56
3703.00	H	-61.38	1.02	12.69	-49.71	-13.00	-36.71
5556.00	H	-47.23	1.25	13.15	-35.33	-13.00	-22.33
Mid. CH 18900 (1880.0MHz) BW=10MHz							
3760.00	V	-69.09	1.01	12.73	-57.37	-13.00	-44.37
5632.50	V	-64.32	1.26	13.14	-52.44	-13.00	-39.44
3924.00	H	-62.86	1.04	12.65	-51.25	-13.00	-38.25
5632.50	H	-65.05	1.26	13.14	-53.17	-13.00	-40.17
High CH 19150 (1905.0MHz) BW=10MHz							
3810.00	V	-70.12	1.02	12.74	-58.40	-13.00	-45.40
5709.00	V	-64.48	1.27	13.12	-52.63	-13.00	-39.63
3810.00	H	-68.37	1.02	12.74	-56.65	-13.00	-43.65
5709.00	H	-64.91	1.27	13.12	-53.06	-13.00	-40.06

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 2 / 16QAM							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 18650 (1855.0MHz) BW=10MHz							
3711.50	V	-68.30	1.02	12.70	-56.62	-13.00	-43.62
5573.00	V	-59.67	1.27	13.15	-47.79	-13.00	-34.79
3711.50	H	-65.44	1.02	12.70	-53.76	-13.00	-40.76
5564.50	H	-57.28	1.26	13.15	-45.39	-13.00	-32.39
Mid. CH 18900 (1880.0MHz) BW=10MHz							
3754.00	V	-65.01	1.01	12.72	-53.30	-13.00	-40.30
5624.00	V	-58.14	1.25	13.14	-46.25	-13.00	-33.25
3754.00	H	-59.95	1.01	12.72	-48.24	-13.00	-35.24
5624.00	H	-56.47	1.25	13.14	-44.58	-13.00	-31.58
High CH 19150 (1905.0MHz) BW=10MHz							
3805.00	V	-67.97	1.03	12.75	-56.25	-13.00	-43.25
5700.50	V	-58.61	1.26	13.12	-46.75	-13.00	-33.75
3805.00	H	-64.63	1.03	12.75	-52.91	-13.00	-39.91
5700.50	H	-57.23	1.26	13.12	-45.37	-13.00	-32.37

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 2 / QPSK							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 18675 (1857.5MHz) BW=15MHz							
3715.00	V	-68.89	1.02	12.70	-57.21	-13.00	-44.21
5573.00	V	-60.29	1.27	13.15	-48.41	-13.00	-35.41
3720.00	H	-65.29	1.02	12.70	-53.61	-13.00	-40.61
5581.50	H	-60.37	1.27	13.15	-48.49	-13.00	-35.49
Mid. CH 18900 (1880.0MHz) BW=15MHz							
3760.00	V	-69.59	1.01	12.73	-57.87	-13.00	-44.87
5624.00	V	-65.57	1.25	13.14	-53.68	-13.00	-40.68
3754.00	H	-66.66	1.01	12.72	-54.95	-13.00	-41.95
5624.00	H	-66.92	1.25	13.14	-55.03	-13.00	-42.03
High CH 19125 (1902.5MHz) BW=15MHz							
3805.00	V	-70.19	1.03	12.75	-58.47	-13.00	-45.47
5700.50	V	-63.56	1.26	13.12	-51.70	-13.00	-38.70
3805.00	H	-69.14	1.03	12.75	-57.42	-13.00	-44.42
5700.50	H	-67.02	1.26	13.12	-55.16	-13.00	-42.16

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 2 / 16QAM							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 18675 (1857.5MHz) BW=15MHz							
3720.00	V	-68.21	1.02	12.70	-56.53	-13.00	-43.53
5573.00	V	-62.10	1.27	13.15	-50.22	-13.00	-37.22
3711.50	H	-65.85	1.02	12.70	-54.17	-13.00	-41.17
5573.00	H	-59.06	1.27	13.15	-47.18	-13.00	-34.18
Mid. CH 18900 (1880.0MHz) BW=15MHz							
3760.00	V	-69.64	1.01	12.73	-57.92	-13.00	-44.92
5632.50	V	-67.02	1.26	13.14	-55.14	-13.00	-42.14
3754.00	H	-66.60	1.01	12.72	-54.89	-13.00	-41.89
5632.50	H	-66.16	1.26	13.14	-54.28	-13.00	-41.28
High CH 19125 (1902.5MHz) BW=15MHz							
3805.00	V	-70.83	1.03	12.75	-59.11	-13.00	-46.11
5700.50	V	-65.33	1.26	13.12	-53.47	-13.00	-40.47
3805.00	H	-68.38	1.03	12.75	-56.66	-13.00	-43.66
5700.50	H	-65.93	1.26	13.12	-54.07	-13.00	-41.07

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 2 / QPSK							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 18700 (1860.0MHz) BW=20MHz							
3721.00	V	-68.74	1.02	12.70	-57.06	-13.00	-44.06
5590.00	V	-59.81	1.28	13.15	-47.94	-13.00	-34.94
3728.50	H	-65.56	1.02	12.71	-53.87	-13.00	-40.87
5581.50	H	-60.33	1.27	13.15	-48.45	-13.00	-35.45
Mid. CH 18900 (1880.0MHz) BW=20MHz							
3760.00	V	-70.34	1.01	12.73	-58.62	-13.00	-45.62
5615.50	V	-64.03	1.26	13.15	-52.14	-13.00	-39.14
3760.00	H	-68.85	1.01	12.73	-57.13	-13.00	-44.13
5632.50	H	-65.05	1.26	13.14	-53.17	-13.00	-40.17
High CH 19100 (1900.0MHz) BW=20MHz							
3800.00	V	-69.70	1.03	12.75	-57.98	-13.00	-44.98
5700.50	V	-66.92	1.26	13.12	-55.06	-13.00	-42.06
3800.00	H	-67.93	1.03	12.75	-56.21	-13.00	-43.21
5700.50	H	-65.68	1.26	13.12	-53.82	-13.00	-40.82

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 2 / 16QAM							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 18700 (1860.0MHz) BW=20MHz							
3720.00	V	-68.89	1.02	12.70	-57.21	-13.00	-44.21
5590.00	V	-63.70	1.28	13.15	-51.83	-13.00	-38.83
3720.00	H	-67.72	1.02	12.70	-56.04	-13.00	-43.04
5581.50	H	-62.56	1.27	13.15	-50.68	-13.00	-37.68
Mid. CH 18900 (1880.0MHz) BW=20MHz							
3760.00	V	-69.55	1.01	12.73	-57.83	-13.00	-44.83
5624.00	V	-67.42	1.25	13.14	-55.53	-13.00	-42.53
3754.00	H	-67.31	1.01	12.72	-55.60	-13.00	-42.60
5624.00	H	-65.31	1.25	13.14	-53.42	-13.00	-40.42
High CH 19100 (1900.0MHz) BW=20MHz							
3800.00	V	-69.96	1.03	12.75	-58.24	-13.00	-45.24
5700.50	V	-66.78	1.26	13.12	-54.92	-13.00	-41.92
3805.00	H	-68.22	1.03	12.75	-56.50	-13.00	-43.50
5700.50	H	-66.56	1.26	13.12	-54.70	-13.00	-41.70

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 4 / QPSK							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 19957 (1710.7MHz) BW=1.4MHz							
3421.40	V	-71.90	0.95	12.89	-59.96	-13.00	-46.96
5131.00	V	-67.85	1.21	12.79	-56.27	-13.00	-43.27
3421.40	H	-72.22	0.95	12.89	-60.28	-13.00	-47.28
5148.00	H	-67.25	1.21	12.81	-55.65	-13.00	-42.65
Mid. CH 20175 (1732.5MHz) BW=1.4MHz							
3465.00	V	-70.58	0.97	12.73	-58.82	-13.00	-45.82
5199.00	V	-65.34	1.21	12.86	-53.69	-13.00	-40.69
3465.00	H	-70.89	0.97	12.73	-59.13	-13.00	-46.13
5199.00	H	-60.90	1.21	12.86	-49.25	-13.00	-36.25
High CH 20393 (1754.3MHz) BW=1.4MHz							
3508.60	V	-70.53	0.98	12.61	-58.90	-13.00	-45.90
5258.50	V	-63.08	1.22	12.94	-51.36	-13.00	-38.36
3508.60	H	-70.70	0.98	12.61	-59.07	-13.00	-46.07
5258.50	H	-62.99	1.22	12.94	-51.27	-13.00	-38.27

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 4 / 16QAM							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 19957 (1710.7MHz) BW=1.4MHz							
3421.40	V	-72.20	0.95	12.89	-60.26	-13.00	-47.26
5132.10	V	-68.72	1.21	12.79	-57.14	-13.00	-44.14
3421.40	H	-71.99	0.95	12.89	-60.05	-13.00	-47.05
5131.00	H	-67.06	1.21	12.79	-55.48	-13.00	-42.48
Mid. CH 20175 (1732.5MHz) BW=1.4MHz							
3465.00	V	-72.03	0.97	12.73	-60.27	-13.00	-47.27
5199.00	V	-65.31	1.21	12.86	-53.66	-13.00	-40.66
3465.00	H	-69.91	0.97	12.73	-58.15	-13.00	-45.15
5199.00	H	-61.03	1.21	12.86	-49.38	-13.00	-36.38
High CH 20393 (1754.3MHz) BW=1.4MHz							
3508.60	V	-70.85	0.98	12.61	-59.22	-13.00	-46.22
5267.00	V	-64.07	1.21	12.95	-52.33	-13.00	-39.33
3508.60	H	-70.72	0.98	12.61	-59.09	-13.00	-46.09
5267.00	H	-61.79	1.21	12.95	-50.05	-13.00	-37.05

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 4 / QPSK							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 19965 (1711.5MHz) BW=3MHz							
3423.00	V	-71.17	0.96	12.88	-59.25	-13.00	-46.25
5134.50	V	-69.24	1.21	12.79	-57.66	-13.00	-44.66
3423.00	H	-71.45	0.96	12.88	-59.53	-13.00	-46.53
5131.00	H	-67.03	1.21	12.79	-55.45	-13.00	-42.45
Mid. CH 20175 (1732.5MHz) BW=3MHz							
3465.00	V	-71.14	0.97	12.73	-59.38	-13.00	-46.38
5199.00	V	-66.61	1.21	12.86	-54.96	-13.00	-41.96
3465.00	H	-71.29	0.97	12.73	-59.53	-13.00	-46.53
5199.00	H	-63.19	1.21	12.86	-51.54	-13.00	-38.54
High CH 20385 (1753.5MHz) BW=3MHz							
3507.00	V	-71.52	0.98	12.61	-59.89	-13.00	-46.89
5258.50	V	-67.39	1.22	12.94	-55.67	-13.00	-42.67
3507.00	H	-70.77	0.98	12.61	-59.14	-13.00	-46.14
5267.00	H	-65.54	1.21	12.95	-53.80	-13.00	-40.80

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 4 / 16QAM							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 19965 (1711.5MHz) BW=3MHz							
3423.00	V	-71.38	0.96	12.88	-59.46	-13.00	-46.46
5134.50	V	-68.75	1.21	12.79	-57.17	-13.00	-44.17
3423.00	H	-71.96	0.96	12.88	-60.04	-13.00	-47.04
5131.00	H	-67.72	1.21	12.79	-56.14	-13.00	-43.14
Mid. CH 20175 (1732.5MHz) BW=3MHz							
3465.00	V	-71.61	0.97	12.73	-59.85	-13.00	-46.85
5199.00	V	-66.52	1.21	12.86	-54.87	-13.00	-41.87
3465.00	H	-71.42	0.97	12.73	-59.66	-13.00	-46.66
5199.00	H	-64.54	1.21	12.86	-52.89	-13.00	-39.89
High CH 20385 (1753.5MHz) BW=3MHz							
3507.00	V	-71.12	0.98	12.61	-59.49	-13.00	-46.49
5258.50	V	-66.81	1.22	12.94	-55.09	-13.00	-42.09
3507.00	H	-70.27	0.98	12.61	-58.64	-13.00	-45.64
5258.50	H	-64.71	1.22	12.94	-52.99	-13.00	-39.99

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 4 / QPSK							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 19975 (1712.5MHz) BW=5MHz							
3425.00	V	-71.86	0.96	12.87	-59.95	-13.00	-46.95
5137.50	V	-68.39	1.21	12.79	-56.81	-13.00	-43.81
3425.00	H	-72.18	0.96	12.87	-60.27	-13.00	-47.27
5137.50	H	-68.48	1.21	12.79	-56.90	-13.00	-43.90
Mid. CH 20175 (1732.5MHz) BW=5MHz							
3465.00	V	-71.60	0.97	12.73	-59.84	-13.00	-46.84
5190.50	V	-66.75	1.20	12.85	-55.10	-13.00	-42.10
3465.00	H	-71.22	0.97	12.73	-59.46	-13.00	-46.46
5190.50	H	-65.58	1.20	12.85	-53.93	-13.00	-40.93
High CH 20375 (1752.5MHz) BW=5MHz							
3505.00	V	-70.32	0.98	12.61	-58.69	-13.00	-45.69
5258.50	V	-67.09	1.22	12.94	-55.37	-13.00	-42.37
3505.00	H	-71.22	0.98	12.61	-59.59	-13.00	-46.59
5258.50	H	-65.92	1.22	12.94	-54.20	-13.00	-41.20

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 4 / 16QAM							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 19975 (1712.5MHz) BW=5MHz							
3425.00	V	-71.80	0.96	12.87	-59.89	-13.00	-46.89
5137.50	V	-68.72	1.21	12.79	-57.14	-13.00	-44.14
3425.00	H	-72.12	0.96	12.87	-60.21	-13.00	-47.21
5137.50	H	-68.01	1.21	12.79	-56.43	-13.00	-43.43
Mid. CH 20175 (1732.5MHz) BW=5MHz							
3465.00	V	-71.51	0.97	12.73	-59.75	-13.00	-46.75
5197.50	V	-67.67	1.21	12.86	-56.02	-13.00	-43.02
3465.00	H	-71.18	0.97	12.73	-59.42	-13.00	-46.42
5199.00	H	-65.47	1.21	12.86	-53.82	-13.00	-40.82
High CH 20375 (1752.5MHz) BW=5MHz							
3505.00	V	-70.64	0.98	12.61	-59.01	-13.00	-46.01
5267.00	V	-68.04	1.21	12.95	-56.30	-13.00	-43.30
3505.00	H	-71.00	0.98	12.61	-59.37	-13.00	-46.37
5258.50	H	-66.13	1.22	12.94	-54.41	-13.00	-41.41

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 4 / QPSK							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 20000 (1715.0MHz) BW=10MHz							
3430.00	V	-71.15	0.96	12.86	-59.25	-13.00	-46.25
5145.00	V	-69.10	1.21	12.80	-57.51	-13.00	-44.51
3430.00	H	-72.29	0.96	12.86	-60.39	-13.00	-47.39
5131.00	H	-66.15	1.21	12.79	-54.57	-13.00	-41.57
Mid. CH 20175 (1732.5MHz) BW=10MHz							
3465.00	V	-71.21	0.97	12.73	-59.45	-13.00	-46.45
5182.00	V	-63.98	1.20	12.84	-52.34	-13.00	-39.34
3465.00	H	-71.43	0.97	12.73	-59.67	-13.00	-46.67
5182.00	H	-60.94	1.20	12.84	-49.30	-13.00	-36.30
High CH 20350 (1750.0MHz) BW=10MHz							
3500.00	V	-70.95	0.98	12.61	-59.32	-13.00	-46.32
5241.50	V	-66.41	1.22	12.92	-54.71	-13.00	-41.71
3500.00	H	-71.06	0.98	12.61	-59.43	-13.00	-46.43
5241.50	H	-63.26	1.22	12.92	-51.56	-13.00	-38.56

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 4 / 16QAM							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 20000 (1715.0MHz) BW=10MHz							
3430.00	V	-70.89	0.96	12.86	-58.99	-13.00	-45.99
5088.50	V	-66.58	1.20	12.74	-55.04	-13.00	-42.04
3430.00	H	-71.90	0.96	12.86	-60.00	-13.00	-47.00
5131.00	H	-66.16	1.21	12.79	-54.58	-13.00	-41.58
Mid. CH 20175 (1732.5MHz) BW=10MHz							
3465.00	V	-71.50	0.97	12.73	-59.74	-13.00	-46.74
5182.00	V	-65.93	1.20	12.84	-54.29	-13.00	-41.29
3465.00	H	-70.52	0.97	12.73	-58.76	-13.00	-45.76
5182.00	H	-60.39	1.20	12.84	-48.75	-13.00	-35.75
High CH 20350 (1750.0MHz) BW=10MHz							
3500.00	V	-71.02	0.98	12.61	-59.39	-13.00	-46.39
5241.50	V	-67.22	1.22	12.92	-55.52	-13.00	-42.52
3500.00	H	-70.79	0.98	12.61	-59.16	-13.00	-46.16
5241.50	H	-65.20	1.22	12.92	-53.50	-13.00	-40.50

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 4 / QPSK							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 20025 (1717.5MHz) BW=15MHz							
3435.00	V	-71.04	0.96	12.84	-59.16	-13.00	-46.16
5148.00	V	-67.57	1.21	12.81	-55.97	-13.00	-42.97
3435.00	H	-71.65	0.96	12.84	-59.77	-13.00	-46.77
5152.50	H	-68.84	1.21	12.81	-57.24	-13.00	-44.24
Mid. CH 20175 (1732.5MHz) BW=15MHz							
3465.00	V	-71.62	0.97	12.73	-59.86	-13.00	-46.86
5197.50	V	-68.90	1.21	12.86	-57.25	-13.00	-44.25
3465.00	H	-71.01	0.97	12.73	-59.25	-13.00	-46.25
5190.50	H	-66.96	1.20	12.85	-55.31	-13.00	-42.31
High CH 20325 (1747.5MHz) BW=15MHz							
3495.00	V	-70.34	0.97	12.63	-58.68	-13.00	-45.68
5242.50	V	-69.83	1.22	12.92	-58.13	-13.00	-45.13
3495.00	H	-70.12	0.97	12.63	-58.46	-13.00	-45.46
5242.50	H	-69.10	1.22	12.92	-57.40	-13.00	-44.40

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 4 / 16QAM							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 20025 (1717.5MHz) BW=15MHz							
3435.00	V	-71.54	0.96	12.84	-59.66	-13.00	-46.66
5152.50	V	-69.20	1.21	12.81	-57.60	-13.00	-44.60
3435.00	H	-70.64	0.96	12.84	-58.76	-13.00	-45.76
5152.50	H	-68.43	1.21	12.81	-56.83	-13.00	-43.83
Mid. CH 20175 (1732.5MHz) BW=15MHz							
3465.00	V	-71.61	0.97	12.73	-59.85	-13.00	-46.85
5182.00	V	-65.09	1.20	12.84	-53.45	-13.00	-40.45
3465.00	H	-71.85	0.97	12.73	-60.09	-13.00	-47.09
5182.00	H	-60.98	1.20	12.84	-49.34	-13.00	-36.34
High CH 20325 (1747.5MHz) BW=15MHz							
3495.00	V	-70.49	0.97	12.63	-58.83	-13.00	-45.83
5224.50	V	-66.33	1.21	12.89	-54.65	-13.00	-41.65
3495.00	H	-70.70	0.97	12.63	-59.04	-13.00	-46.04
5224.50	H	-64.61	1.21	12.89	-52.93	-13.00	-39.93

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 4 / QPSK							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 20050 (1720.0MHz) BW=20MHz							
3440.00	V	-70.52	0.97	12.82	-58.67	-13.00	-45.67
5160.00	V	-69.44	1.21	12.82	-57.83	-13.00	-44.83
3440.00	H	-70.55	0.97	12.82	-58.70	-13.00	-45.70
5160.00	H	-69.32	1.21	12.82	-57.71	-13.00	-44.71
Mid. CH 20175 (1732.5MHz) BW=20MHz							
3465.00	V	-71.64	0.97	12.73	-59.88	-13.00	-46.88
5173.50	V	-63.86	1.20	12.83	-52.23	-13.00	-39.23
3465.00	H	-71.51	0.97	12.73	-59.75	-13.00	-46.75
5173.50	H	-61.86	1.20	12.83	-50.23	-13.00	-37.23
High CH 20300 (1745.0MHz) BW=20MHz							
3490.00	V	-70.28	0.97	12.65	-58.60	-13.00	-45.60
5207.50	V	-63.33	1.21	12.87	-51.67	-13.00	-38.67
3490.00	H	-71.36	0.97	12.65	-59.68	-13.00	-46.68
5207.50	H	-61.54	1.21	12.87	-49.88	-13.00	-36.88

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 4 / 16QAM							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 20050 (1720.0MHz) BW=20MHz							
3440.00	V	-71.07	0.97	12.82	-59.22	-13.00	-46.22
5160.00	V	-69.31	1.21	12.82	-57.70	-13.00	-44.70
3440.00	H	-70.63	0.97	12.82	-58.78	-13.00	-45.78
5160.00	H	-68.39	1.21	12.82	-56.78	-13.00	-43.78
Mid. CH 20175 (1732.5MHz) BW=20MHz							
3465.00	V	-70.50	0.97	12.73	-58.74	-13.00	-45.74
5197.50	V	-69.62	1.21	12.86	-57.97	-13.00	-44.97
3465.00	H	-71.49	0.97	12.73	-59.73	-13.00	-46.73
5598.50	H	-66.72	1.27	13.15	-54.84	-13.00	-41.84
High CH 20300 (1745.0MHz) BW=20MHz							
3490.00	V	-70.42	0.97	12.65	-58.74	-13.00	-45.74
5235.00	V	-70.01	1.22	12.91	-58.32	-13.00	-45.32
3490.00	H	-70.53	0.97	12.65	-58.85	-13.00	-45.85
5235.00	H	-69.50	1.22	12.91	-57.81	-13.00	-44.81

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 7 / QPSK							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 20775 (2502.5MHz) BW=5MHz							
5005.00	V	-68.50	1.19	12.66	-57.03	-13.00	-44.03
7507.50	V	-60.60	1.47	11.25	-50.82	-13.00	-37.82
5003.50	H	-67.25	1.19	12.66	-55.78	-13.00	-42.78
7507.50	H	-60.06	1.47	11.25	-50.28	-13.00	-37.28
Mid. CH 21100 (2535.0MHz) BW=5MHz							
5071.50	V	-67.73	1.20	12.73	-56.20	-13.00	-43.20
7605.00	V	-59.40	1.47	11.46	-49.41	-13.00	-36.41
5071.50	H	-64.34	1.20	12.73	-52.81	-13.00	-39.81
7605.00	H	-60.38	1.47	11.46	-50.39	-13.00	-37.39
High CH 21425 (2567.5MHz) BW=5MHz							
5131.00	V	-66.38	1.21	12.79	-54.80	-13.00	-41.80
7702.50	V	-61.15	1.54	11.45	-51.24	-13.00	-38.24
5131.00	H	-65.70	1.21	12.79	-54.12	-13.00	-41.12
7702.50	H	-61.19	1.54	11.45	-51.28	-13.00	-38.28

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 7 / 16QAM							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 20775 (2502.5MHz) BW=5MHz							
5003.50	V	-67.22	1.19	12.66	-55.75	-13.00	-42.75
7507.50	V	-60.41	1.47	11.25	-50.63	-13.00	-37.63
5003.50	H	-67.53	1.19	12.66	-56.06	-13.00	-43.06
7507.50	H	-60.85	1.47	11.25	-51.07	-13.00	-38.07
Mid. CH 21100 (2535.0MHz) BW=5MHz							
5071.50	V	-66.62	1.20	12.73	-55.09	-13.00	-42.09
7605.00	V	-60.24	1.47	11.46	-50.25	-13.00	-37.25
5071.50	H	-65.98	1.20	12.73	-54.45	-13.00	-41.45
7605.00	H	-61.02	1.47	11.46	-51.03	-13.00	-38.03
High CH 21425 (2567.5MHz) BW=5MHz							
5135.00	V	-67.93	1.21	12.79	-56.35	-13.00	-43.35
7702.50	V	-61.06	1.54	11.45	-51.15	-13.00	-38.15
5131.00	H	-65.78	1.21	12.79	-54.20	-13.00	-41.20
7702.50	H	-61.52	1.54	11.45	-51.61	-13.00	-38.61

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 7 / QPSK							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 20800 (2505.0MHz) BW=10MHz							
5003.50	V	-66.92	1.19	12.66	-55.45	-13.00	-42.45
7515.00	V	-60.96	1.47	11.27	-51.16	-13.00	-38.16
5012.00	H	-66.56	1.19	12.66	-55.09	-13.00	-42.09
7515.00	H	-60.37	1.47	11.27	-50.57	-13.00	-37.57
Mid. CH 21100 (2535.0MHz) BW=10MHz							
5071.50	V	-67.45	1.20	12.73	-55.92	-13.00	-42.92
7605.00	V	-61.07	1.47	11.46	-51.08	-13.00	-38.08
5071.50	H	-66.60	1.20	12.73	-55.07	-13.00	-42.07
7605.00	H	-61.11	1.47	11.46	-51.12	-13.00	-38.12
High CH 21400 (2565.0MHz) BW=10MHz							
5131.00	V	-67.83	1.21	12.79	-56.25	-13.00	-43.25
7695.00	V	-61.41	1.54	11.45	-51.50	-13.00	-38.50
5131.00	H	-64.67	1.21	12.79	-53.09	-13.00	-40.09
7695.00	H	-61.93	1.54	11.45	-52.02	-13.00	-39.02

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 7 / 16QAM							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 20800 (2505.0MHz) BW=10MHz							
5012.00	V	-66.40	1.19	12.66	-54.93	-13.00	-41.93
7515.00	V	-61.13	1.47	11.27	-51.33	-13.00	-38.33
5012.00	H	-68.07	1.19	12.66	-56.60	-13.00	-43.60
7515.00	H	-60.53	1.47	11.27	-50.73	-13.00	-37.73
Mid. CH 21100 (2535.0MHz) BW=10MHz							
5071.50	V	-67.51	1.20	12.73	-55.98	-13.00	-42.98
7605.00	V	-61.32	1.47	11.46	-51.33	-13.00	-38.33
5071.50	H	-66.67	1.20	12.73	-55.14	-13.00	-42.14
7605.00	H	-61.24	1.47	11.46	-51.25	-13.00	-38.25
High CH 21400 (2565.0MHz) BW=10MHz							
5131.00	V	-66.20	1.21	12.79	-54.62	-13.00	-41.62
7695.00	V	-60.75	1.54	11.45	-50.84	-13.00	-37.84
5122.50	H	-66.79	1.20	12.78	-55.21	-13.00	-42.21
7695.00	H	-61.36	1.54	11.45	-51.45	-13.00	-38.45

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 7 / QPSK							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 20825 (2507.5MHz) BW=15MHz							
5015.00	V	-69.14	1.19	12.67	-57.66	-13.00	-44.66
7522.50	V	-60.61	1.47	11.29	-50.79	-13.00	-37.79
5015.00	H	-68.07	1.19	12.67	-56.59	-13.00	-43.59
7522.50	H	-60.45	1.47	11.29	-50.63	-13.00	-37.63
Mid. CH 21100 (2535.0MHz) BW=15MHz							
5071.50	V	-67.99	1.20	12.73	-56.46	-13.00	-43.46
7605.00	V	-61.56	1.47	11.46	-51.57	-13.00	-38.57
5071.50	H	-65.92	1.20	12.73	-54.39	-13.00	-41.39
7605.00	H	-60.90	1.47	11.46	-50.91	-13.00	-37.91
High CH 21375 (2562.5MHz) BW=15MHz							
5125.00	V	-68.52	1.20	12.78	-56.94	-13.00	-43.94
7687.50	V	-61.38	1.53	11.45	-51.46	-13.00	-38.46
5122.50	H	-66.67	1.20	12.78	-55.09	-13.00	-42.09
7687.50	H	-61.37	1.53	11.45	-51.45	-13.00	-38.45

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 7 / 16QAM							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 20825 (2507.5MHz) BW=15MHz							
5015.00	V	-68.54	1.19	12.67	-57.06	-13.00	-44.06
7522.50	V	-60.63	1.47	11.29	-50.81	-13.00	-37.81
5015.00	H	-68.83	1.19	12.67	-57.35	-13.00	-44.35
7522.50	H	-60.25	1.47	11.29	-50.43	-13.00	-37.43
Mid. CH 21100 (2535.0MHz) BW=15MHz							
5071.50	V	-67.15	1.20	12.73	-55.62	-13.00	-42.62
7605.00	V	-61.09	1.47	11.46	-51.10	-13.00	-38.10
5071.50	H	-66.10	1.20	12.73	-54.57	-13.00	-41.57
7605.00	H	-61.74	1.47	11.46	-51.75	-13.00	-38.75
High CH 21375 (2562.5MHz) BW=15MHz							
5125.00	V	-68.70	1.20	12.78	-57.12	-13.00	-44.12
7687.50	V	-61.55	1.53	11.45	-51.63	-13.00	-38.63
5122.50	H	-67.08	1.20	12.78	-55.50	-13.00	-42.50
7687.50	H	-61.71	1.53	11.45	-51.79	-13.00	-38.79

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 7 / QPSK							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 20850 (2510.0MHz) BW=20MHz							
5020.00	V	-69.16	1.19	12.67	-57.68	-13.00	-44.68
7530.00	V	-61.26	1.47	11.30	-51.43	-13.00	-38.43
5020.50	H	-66.65	1.19	12.67	-55.17	-13.00	-42.17
7530.00	H	-60.41	1.47	11.30	-50.58	-13.00	-37.58
Mid. CH 21100 (2535.0MHz) BW=20MHz							
5070.00	V	-68.81	1.20	12.72	-57.29	-13.00	-44.29
7605.00	V	-62.21	1.47	11.46	-52.22	-13.00	-39.22
5063.00	H	-66.71	1.20	12.72	-55.19	-13.00	-42.19
7605.00	H	-62.07	1.47	11.46	-52.08	-13.00	-39.08
High CH 21350 (2560.0MHz) BW=20MHz							
5120.00	V	-68.53	1.20	12.78	-56.95	-13.00	-43.95
7680.00	V	-61.68	1.51	11.45	-51.74	-13.00	-38.74
5120.00	H	-67.77	1.20	12.78	-56.19	-13.00	-43.19
7680.00	H	-60.77	1.51	11.45	-50.83	-13.00	-37.83

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

LTE Band 7 / 16QAM							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Substitute Antenna Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)
Low CH 20850 (2510.0MHz) BW=20MHz							
5020.00	V	-69.36	1.19	12.67	-57.88	-13.00	-44.88
7530.00	V	-61.06	1.47	11.30	-51.23	-13.00	-38.23
5020.00	H	-68.41	1.19	12.67	-56.93	-13.00	-43.93
7530.00	H	-60.59	1.47	11.30	-50.76	-13.00	-37.76
Mid. CH 21100 (2535.0MHz) BW=20MHz							
5071.50	V	-67.75	1.20	12.73	-56.22	-13.00	-43.22
7605.00	V	-61.48	1.47	11.46	-51.49	-13.00	-38.49
5071.50	H	-67.10	1.20	12.73	-55.57	-13.00	-42.57
7605.00	H	-61.87	1.47	11.46	-51.88	-13.00	-38.88
High CH 21350 (2560.0MHz) BW=20MHz							
5122.50	V	-68.06	1.20	12.78	-56.48	-13.00	-43.48
7680.00	V	-60.96	1.51	11.45	-51.02	-13.00	-38.02
5120.00	H	-68.49	1.20	12.78	-56.91	-13.00	-43.91
7680.00	H	-60.88	1.51	11.45	-50.94	-13.00	-37.94

Notes:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

2. ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd)

7.7. Frequency Stability Under Temperature & Voltage Variations

7.7.1. Test Limit

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

For Part 22, the frequency stability of the transmitter shall be maintained within ±0.00025% (±2.5 ppm) of the center frequency.

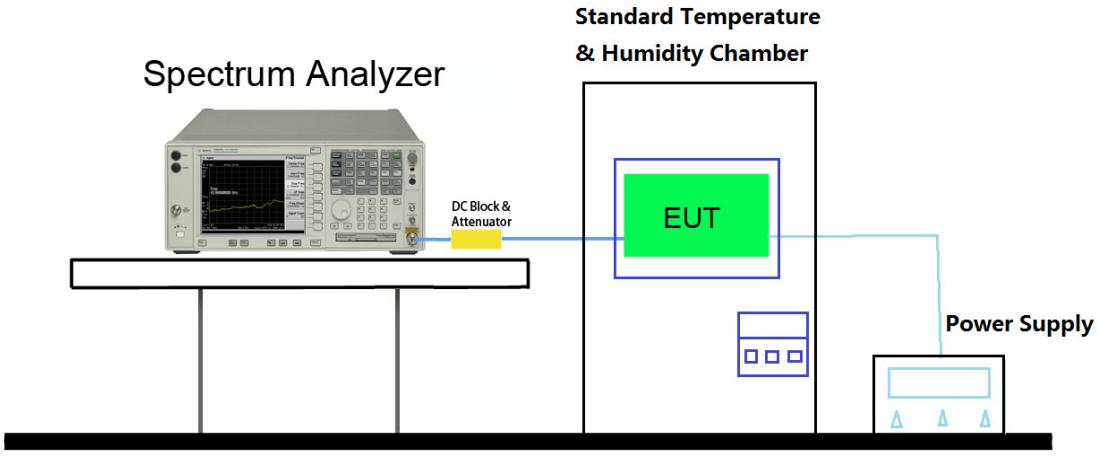
For Part 24, the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

For Part 27, the frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

7.7.2. Test Procedure

KDB 971168 D01v02r02 - Section 9.0 & ANSI/TIA-603-D-2010

7.7.3. Test Setup



7.7.4. Test Result

Product	Mobile Computer	Temperature	25°C
Test Engineer	Polly Zong	Relative Humidity	52%
Test Site	TR3	Test Date	2017/05/23
Test Mode	LTE Band 2	Operating Frequency	1880.0MHz (Channel 18900)

Voltage (%)	Power (V_{DC})	TEMP (%)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)	Limit (%)	Result
100%	3.7	+20(Ref)	1880,000,000	68	0.000004	±0.00025	Pass
100%		-30	1880,000,000	48	0.000003	±0.00025	Pass
100%		-20	1880,000,000	-41	-0.000002	±0.00025	Pass
100%		-10	1880,000,000	-60	-0.000003	±0.00025	Pass
100%		0	1880,000,000	80	0.000004	±0.00025	Pass
100%		+10	1880,000,000	78	0.000004	±0.00025	Pass
100%		+20	1880,000,000	-11	-0.000001	±0.00025	Pass
100%		+30	1880,000,000	42	0.000002	±0.00025	Pass
100%		+40	1880,000,000	-72	-0.000004	±0.00025	Pass
100%		+50	1880,000,000	34	0.000002	±0.00025	Pass
115%	4.2	+20	1880,000,000	-59	-0.000003	±0.00025	Pass
BAT.ENDPOINT	3.6	+20	1880,000,000	52	0.000003	±0.00025	Pass

Product	Mobile Computer	Temperature	25°C
Test Engineer	Polly Zong	Relative Humidity	52%
Test Site	TR3	Test Date	2017/05/23
Test Mode	LTE Band 4	Operating Frequency	1732.5MHz (Channel 20175)

Voltage (%)	Power (V_{DC})	TEMP (%)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)	Limit (%)	Result
100%	3.7	+20(Ref)	1732,500,000	53	0.000003	±0.00025	Pass
100%		-30	1732,500,000	47	0.000003	±0.00025	Pass
100%		-20	1732,500,000	-48	-0.000003	±0.00025	Pass
100%		-10	1732,500,000	-71	-0.000004	±0.00025	Pass
100%		0	1732,500,000	96	0.000006	±0.00025	Pass
100%		+10	1732,500,000	75	0.000004	±0.00025	Pass
100%		+20	1732,500,000	-26	-0.000002	±0.00025	Pass
100%		+30	1732,500,000	44	0.000003	±0.00025	Pass
100%		+40	1732,500,000	-60	-0.000003	±0.00025	Pass
100%		+50	1732,500,000	33	0.000002	±0.00025	Pass
115%	4.2	+20	1732,500,000	-47	-0.000003	±0.00025	Pass
BAT.ENDPOINT	3.6	+20	1732,500,000	50	0.000003	±0.00025	Pass

Product	Mobile Computer	Temperature	25°C
Test Engineer	Polly Zong	Relative Humidity	52%
Test Site	TR3	Test Date	2017/05/23
Test Mode	LTE Band 7	Operating Frequency	2535.0MHz (Channel 21100)

Voltage (%)	Power (V_{DC})	TEMP (%)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)	Limit (%)	Result
100%	3.7	+20(Ref)	2535,000,000	60	0.000002	±0.00025	Pass
100%		-30	2535,000,000	39	0.000002	±0.00025	Pass
100%		-20	2535,000,000	-40	-0.000002	±0.00025	Pass
100%		-10	2535,000,000	-63	-0.000002	±0.00025	Pass
100%		0	2535,000,000	89	0.000004	±0.00025	Pass
100%		+10	2535,000,000	88	0.000003	±0.00025	Pass
100%		+20	2535,000,000	-9	0.000000	±0.00025	Pass
100%		+30	2535,000,000	36	0.000001	±0.00025	Pass
100%		+40	2535,000,000	-73	-0.000003	±0.00025	Pass
100%		+50	2535,000,000	18	0.000001	±0.00025	Pass
115%	4.2	+20	2535,000,000	-72	-0.000003	±0.00025	Pass
BAT.ENDPOINT	3.6	+20	2535,000,000	64	0.000003	±0.00025	Pass

8. CONCLUSION

The data collected relate only the item(s) tested and show that the **Mobile Computer** compliance with all the requirements of Parts 2, 22, 24, 27 of the FCC Rules.

The End