



香港商立德國際商品試驗有限公司桃園分公司

Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch 【Bureau Veritas ADT】

WWAN Test Record

BV ADT No: 170428E06 REPORT No: RF170428E06 DATE: 6/23/2017
 EUT: LTE Cat9 PCI Express M MODEL: T77W676 SAMPLE NO.: E170510-008-035-008
 Transmitter or Receiver operation mode: WCDMA B2<E B2&B25
 AMBIENT TEMPERATURE: 21 °C RELATIVE HUMIDITY: 60 %RH
 TEST STANDARD: FCC Part 24 & RSS-133 TEST SITE: OVEN 1
 TEST PERSONNEL: Weiwei Lo
 APPROVED BY: _____

WCDMA-RMC Mode

Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				EIRP POWER	
				dBm	mW
9262	1852.4	22.34	6.63	28.97	788.86
9400	1880	22.44	6.68	29.12	816.58
9538	1907.6	22.33	6.73	29.06	805.38
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				

LTE Band 2 1.4M QPSK 1RB Mode

Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				EIRP POWER	
				dBm	mW
18607	1850.7	20.54	6.63	27.17	521.19
18900	1880	20.97	6.68	27.65	582.10
19193	1909.3	20.66	6.73	27.39	548.28
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				

LTE Band 2 3M QPSK 1RB Mode

Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				EIRP POWER	
				dBm	mW
18615	1851.5	20.60	6.63	27.23	528.45
18900	1880	21.03	6.68	27.71	590.20
19185	1908.5	20.75	6.73	27.48	559.76
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				

**LTE Band 2 5M QPSK 1RB Mode**

EIRP POWER					
Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				dBm	mW
18625	1852.5	20.65	6.63	27.28	534.56
18900	1880	20.96	6.68	27.64	580.76
19175	1907.5	20.78	6.73	27.51	563.64
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				

LTE Band 2 10M QPSK 1RB Mode

EIRP POWER					
Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				dBm	mW
18650	1855	20.67	6.64	27.31	538.27
18900	1880	20.98	6.68	27.66	583.45
19150	1905	20.86	6.73	27.59	574.12
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				

LTE Band 2 15M QPSK 1RB Mode

EIRP POWER					
Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				dBm	mW
18675	1857.5	20.85	6.64	27.49	561.05
18900	1880	21.08	6.68	27.76	597.04
19125	1902.5	21.00	6.72	27.72	591.56
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				

LTE Band 2 20M QPSK 1RB Mode

EIRP POWER					
Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				dBm	mW
18700	1860	20.93	6.65	27.58	572.80
18900	1880	21.01	6.68	27.69	587.49
19100	1900	21.16	6.72	27.88	613.76
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				

LTE Band 25 1.4M QPSK 1RB Mode

ERP POWER					
Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				dBm	mW
26047	1850.7	21.82	6.63	28.45	699.84
26365	1882.5	21.84	6.68	28.52	711.21
26683	1914.3	21.64	6.73	28.37	687.07
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				



LTE Band 25 3M QPSK 1RB Mode

EIRP POWER					
Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				dBm	mW
26055	1851.5	21.86	6.63	28.49	706.32
26365	1882.5	21.88	6.68	28.56	717.79
26675	1913.5	21.58	6.73	28.31	677.64
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				

LTE Band 25 5M QPSK 1RB Mode

EIRP POWER					
Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				dBm	mW
26065	1852.5	21.95	6.63	28.58	721.11
26365	1882.5	22.05	6.68	28.73	746.45
26665	1912.5	21.69	6.73	28.42	695.02
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				

LTE Band 25 10M QPSK 1RB Mode

EIRP POWER					
Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				dBm	mW
26090	1855	21.98	6.64	28.62	727.78
26365	1882.5	22.03	6.68	28.71	743.02
26640	1910	21.58	6.73	28.31	677.64
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				

LTE Band 25 15M QPSK 1RB Mode

EIRP POWER					
Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				dBm	mW
26115	1857.5	22.05	6.64	28.69	739.61
16365	1882.5	22.08	6.68	28.76	751.62
16615	1907.5	21.80	6.72	28.52	711.21
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				

LTE Band 2 20M QPSK 1RB Mode

EIRP POWER					
Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				dBm	mW
26140	1860	21.97	6.65	28.62	727.78
26365	1882.5	22.00	6.68	28.68	737.90
26590	1905	21.70	6.72	28.42	695.02
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				



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 Transmitter or Receiver operation mode: **WCDMA B2<E B2&B25**
 AMBIENT TEMPERATURE : **21** °C RELATIVE HUMIDITY : **60** %RH
 TEST STANDARD: **FCC Part 24 & RSS-133** TEST SITE: **OVEN 1**
 TEST PERSONNEL : **Weiwei Lo**
 APPROVED BY: _____

LTE Band 2 1.4M 16QAM 1RB Mode

Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				EIRP POWER	
				dBm	mW
18607	1850.7	19.74	6.63	26.37	433.51
18900	1880	20.68	6.68	27.36	544.50
19193	1909.3	18.73	6.73	25.46	351.56
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				

LTE Band 2 3M 16QAM 1RB Mode

Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				EIRP POWER	
				dBm	mW
18615	1851.5	20.47	6.63	27.10	512.86
18900	1880	19.69	6.68	26.37	433.51
19185	1908.5	20.41	6.73	27.14	517.61
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				

**LTE Band 2 5M** 16QAM 1RB Mode

EIRP POWER					
Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				dBm	mW
18625	1852.5	18.75	6.63	25.38	345.14
18900	1880	20.50	6.68	27.18	522.40
19175	1907.5	18.89	6.73	25.62	364.75
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				

LTE Band 2 10M 16QAM 1RB Mode

EIRP POWER					
Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				dBm	mW
18650	1855	18.99	6.64	25.63	365.59
18900	1880	19.97	6.68	26.65	462.38
19150	1905	18.89	6.73	25.62	364.75
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				

LTE Band 2 15M 16QAM 1RB Mode

EIRP POWER					
Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				dBm	mW
18675	1857.5	19.55	6.64	26.19	415.91
18900	1880	20.15	6.68	26.83	481.95
19125	1902.5	20.22	6.72	26.94	494.31
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				

LTE Band 2 20M 16QAM 1RB Mode

EIRP POWER					
Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				dBm	mW
18700	1860	19.26	6.65	25.91	389.94
18900	1880	20.18	6.68	26.86	485.29
19100	1900	20.99	6.72	27.71	590.20
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				

LTE Band 25 1.4M 16QAM 1RB Mode

ERP POWER					
Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				dBm	mW
26047	1850.7	20.34	6.63	26.97	497.74
26365	1882.5	20.22	6.68	26.90	489.78
26683	1914.3	19.81	6.73	26.54	450.82
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				



LTE Band 25 3M 16QAM 1RB Mode

EIRP POWER					
Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				dBm	mW
26055	1851.5	21.01	6.63	27.64	580.76
26365	1882.5	21.59	6.68	28.27	671.43
26675	1913.5	20.60	6.73	27.33	540.75
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				

LTE Band 25 5M 16QAM 1RB Mode

EIRP POWER					
Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				dBm	mW
26065	1852.5	19.99	6.63	26.62	459.20
26365	1882.5	21.95	6.68	28.63	729.46
26665	1912.5	20.16	6.73	26.89	488.65
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				

LTE Band 25 10M 16QAM 1RB Mode

EIRP POWER					
Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				dBm	mW
26090	1855	20.10	6.64	26.74	472.06
26365	1882.5	21.90	6.68	28.58	721.11
26640	1910	21.24	6.73	27.97	626.61
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				

LTE Band 25 15M 16QAM 1RB Mode

EIRP POWER					
Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				dBm	mW
26115	1857.5	20.13	6.64	26.77	475.34
16365	1882.5	21.45	6.68	28.13	650.13
16615	1907.5	21.59	6.72	28.31	677.64
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				

LTE Band 2 20M 16QAM 1RB Mode

EIRP POWER					
Channel No.	FREQUENCY (MHz)	S.G Value (dBm)	Correction Factor (dB)	EIRP POWER	
				dBm	mW
26140	1860	20.56	6.65	27.21	526.02
26365	1882.5	21.94	6.68	28.62	727.78
26590	1905	19.81	6.72	26.53	449.78
Limit	Mobile / Portable station are limited to 2 watts e.i.r.p.				