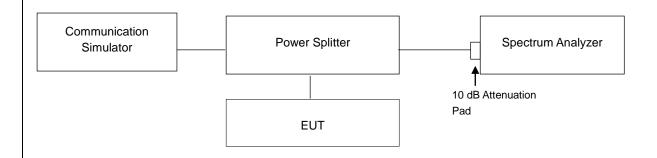


## 4.6 Peak to Average Ratio

4.6.1 Limits of Peak to Average Ratio Measurement

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB.

### 4.6.2 Test Setup



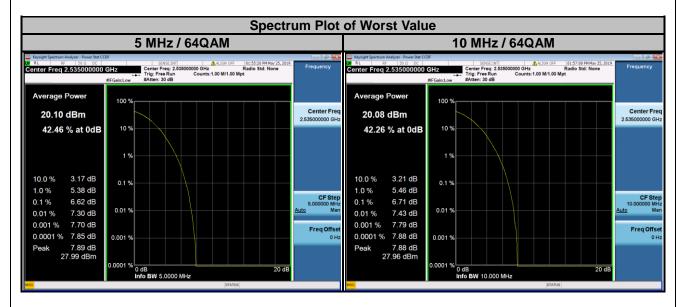
### 4.6.3 Test Procedures

- 1. Set resolution/measurement bandwidth ≥ signal's occupied bandwidth;
- 2. Set the number of counts to a value that stabilizes the measured CCDF curve;
- 3. Record the maximum PAPR level associated with a probability of 0.1 %.



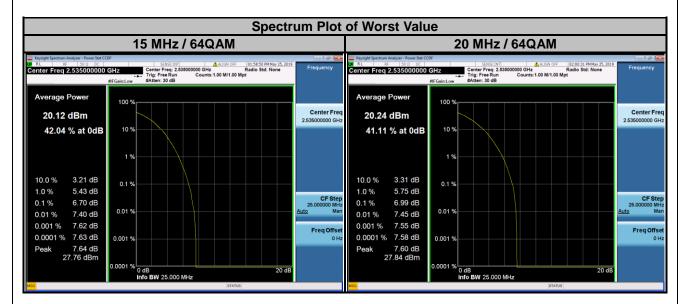
#### 4.6.4 Test Results

LTE Band 7									
Channel Bandwidth: 5 MHz					C	Channel Band	width: 1	0 MHz	
Channel	Frequency	Peak to	o Averag (dB)	e Ratio	Channel	Frequency	Peak to Average Ratio (dB)		
	(MHz)	QPSK	16QAM	64QAM		(MHz)	QPSK	16QAM	64QAM
20775	2502.5	5.07	6.10	6.48	20800	2505.0	5.04	6.04	6.41
21100	2535.0	5.20	6.16	6.62	21100	2535.0	5.27	6.28	6.71
21425	2567.5	4.92	5.93	6.45	21400	2565.0	5.02	5.95	6.58



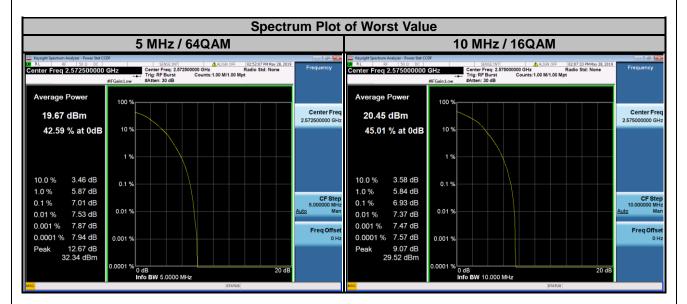


LTE Band 7									
C	hannel Band	C	hannel Band	width: 2	0 MHz				
Channel	Frequency (MHz)	Peak to	Peak to Average Ratio (dB)		Channel	Frequency	Peak to Average Ratio (dB)		
	(11172)	QPSK	16QAM	64QAM		(MHz)	QPSK	16QAM	64QAM
20825	2507.5	4.99	5.91	6.39	20850	2510.0	4.93	5.99	6.51
21100	2535.0	5.20	6.18	6.70	21100	2535.0	5.37	6.29	6.99
21375	2562.5	5.17	5.92	6.55	21350	2560.0	4.87	5.86	6.46



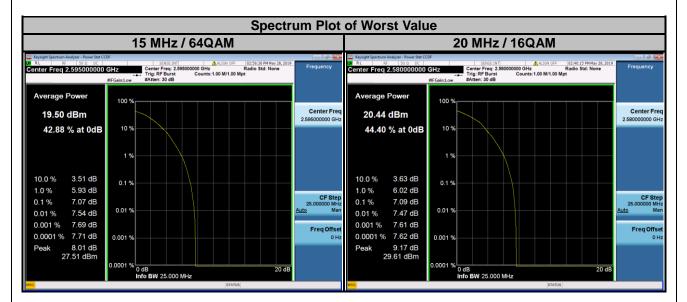


LTE Band 38									
(	Channel Ban	C	Channel Band	width: 1	0 MHz				
Channel	Frequency (dB)		Channel	Frequency	Peak to Average Ratio (dB)				
	(MHz)	QPSK	16QAM	64QAM		(MHz)	QPSK	16QAM	64QAM
37775	2572.5	5.28	6.79	7.01	37800	2575.0	5.38	6.93	6.81
38000	2595.0	5.26	6.78	6.79	38000	2595.0	5.38	6.70	6.52
38225	2617.5	5.08	6.45	6.58	38200	2615.0	5.38	6.22	6.48



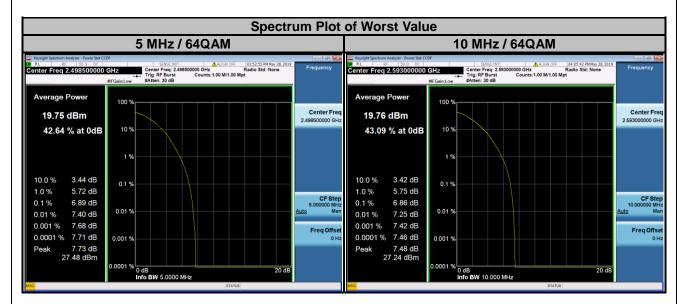


LTE Band 38									
C	hannel Band	C	hannel Band	width: 2	0 MHz				
Channel	Frequency (MHz)			Channel	Frequency (MHz)	Peak to Average Ratio (dB)			
	(11172)	QPSK	16QAM	64QAM		(11172)	QPSK	16QAM	64QAM
37825	2577.5	5.11	6.86	6.67	37850	2580.0	5.41	7.09	6.77
38000	2595.0	6.28	6.86	7.07	38000	2595.0	6.28	6.51	6.85
38175	2612.5	5.74	6.39	6.68	38150	2610.0	5.85	6.59	6.57



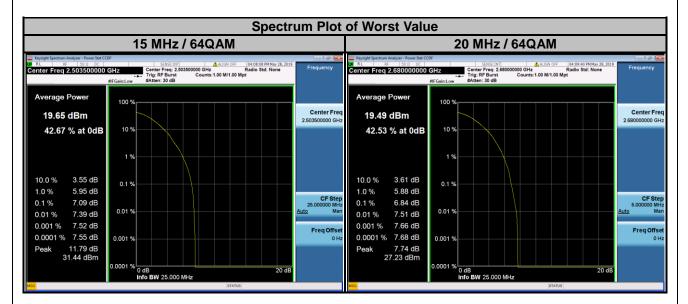


LTE Band 41									
(	Channel Band	C	hannel Band	width: 1	0 MHz				
Channel	Frequency (MHz)	Peak to Average Ratio (dB)		Channel	Frequency (MHz)	Peak to Average Ratio (dB)			
	(1112)	QPSK	16QAM	64QAM		(11172)	QPSK	16QAM	64QAM
39675	2498.5	5.97	6.83	6.89	39700	2501.0	5.91	6.68	6.46
40620	2593.0	5.35	6.52	6.87	40620	2593.0	5.58	6.57	6.86
41565	2687.5	5.24	6.43	6.67	41540	2685.0	5.41	6.50	6.54





LTE Band 41									
C	hannel Band	C	hannel Band	width: 2	0 MHz				
Channel	Frequency (MHz)	Peak to Average Ratio (dB)		Channel	Frequency	Peak to Average Ratio (dB)			
		QPSK	16QAM	64QAM		(MHz)	QPSK	16QAM	64QAM
39725	2503.5	5.96	6.62	7.09	39750	2506.0	5.84	6.58	6.71
40620	2593.0	5.46	7.01	6.83	40620	2593.0	5.71	6.81	6.68
41515	2682.5	5.48	6.46	6.86	41490	2680.0	5.66	6.69	6.84



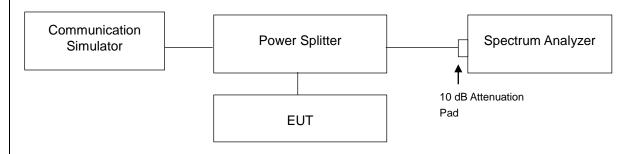


# 4.7 Conducted Spurious Emissions

4.7.1 Limits of Conducted Spurious Emissions Measurement

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least 55 + 10 log (P) dB. The limit of emission is equal to -25 dBm.

# 4.7.2 Test Setup

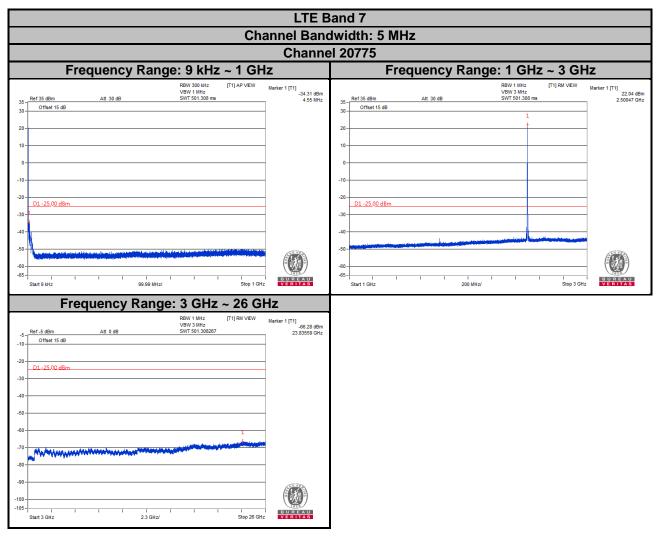


### 4.7.3 Test Procedure

- a. The EUT makes a phone call to the communication simulator. All measurements were done at low, middle and high operational frequency range.
- Measuring frequency range is from 9 kHz to 3 GHz. 10 dB attenuation pad is connected with spectrum.
  RBW = 300 kHz and VBW = 1 MHz are used for conducted emission measurement.
- c. Measuring frequency range is from 3 GHz to 26 or 27 GHz. 10 dB attenuation pad is connected with spectrum. RBW = 1 MHz and VBW = 3 MHz are used for conducted emission measurement.
- d. Spectrum RBW settings are referenced to ANSI 63.26 section 5.7.2.



#### 4.7.4 Test Results





LTE B	and 7								
Channel Banc	Channel Bandwidth: 5 MHz								
Channel 21100									
Frequency Range: 9 kHz ~ 1 GHz	Frequency Range: 1 GHz ~ 3 GHz								
BBY 300 H/2      [T1] AP VEW      Marker 1 [T1]      -33.11 dBm      -4.85 MHz      -4.85 MHz      -4.85 MHz      -33.11 dBm      -33.11 dBm      -33.11 dBm      -33.11 dBm      -4.85 MHz      -33.11 dBm      -4.85 MHz      -4.85 MHz      -4.85 MHz      -4.85 MHz      -33.11 dBm      -33.11 dBm      -33.11 dBm      -4.85 MHz      -4.85 MHz      -4.85 MHz      -33.11 dBm      -4.85 MHz      -33.11 dBm      -4.85 MHz      -4.85 MHz <th>RBW1 Miz      [T1] RW VEW      Marker 1 [T1]      22.28 dBm        35      Ref 35 dBm      Att 30 dB      SWT 501 308 ms      22.53277 GHz        30      Offset 15 dB      1      1      1        20      1      1      1      1        10      0      1      1      1</th>	RBW1 Miz      [T1] RW VEW      Marker 1 [T1]      22.28 dBm        35      Ref 35 dBm      Att 30 dB      SWT 501 308 ms      22.53277 GHz        30      Offset 15 dB      1      1      1        20      1      1      1      1        10      0      1      1      1								
-10	-10 -20 D1 -25,00 dBm -30 -40								
Frequency Range: 3 GHz ~ 26 GHz									
Ref -5 dbm      Att 0 dB      SWT 501.30267      Marker 1 [T']      -68.38 dbm      25.47212 OHz        -10      -0									
-90 -100 -105 -11 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1									



LTE E	Band 7							
Channel Ban	dwidth: 5 MHz							
Channel 21425								
Frequency Range: 9 kHz ~ 1 GHz	Frequency Range: 1 GHz ~ 3 GHz							
RBW 300 HHz      [T1] AP VEW VBW 1 MHz      Marker 1 [T1]      -33.77 dBm        30	BBW 1 MHz VBW 3 MHz      [T1] RM VEW VBW 3 MHz      Marker 1 [T1] 22.34 dBm        35      Ref 35 dBm      Att 30 dB      SWT 501.308 ms      22.56537 GHz        30							
20 D1-25.00 dBm -30	20      D1-25.00 dBm        -30							
Sector      Att 0 dB      Clip Att 0 dB								
-100 -105								



LTE Ba	
Channel Bandv	
Channel	
Frequency Range: 9 kHz ~ 1 GHz	Frequency Range: 1 GHz ~ 3 GHz
RBW 300 HHz      [T1] AP VEW      Marker 1 [T1]      3.3 49 dBm        35      Ref 35 dBm      Att 30 dB      SWT 501.308 ms      -33 49 dBm      -33 49 dBm      -33 49 dBm      -33 49 dBm      -34 90 MHz      -34 90 MHz      -36 90 MHz	Ref 35 dBm      Att 30 dB      SWT 501 308 ms      Marker 1 [T1]      Marker 1 [T1]      22.46 dBm      2.50057 GHz        30      0      0      1      0      2.50057 GHz      2.50057 GHz        00      0
Start 9 KHz 99.99 MHz/ Stop 1 GHz VERITAE	Start 1 GHz 200 MHz/ Stop 3 GHz VERTIAS
RBW1 MH2  [T1] RM VEW  Market 1 [T1]  0.05 cBm    5  Ref-5 dBm  Att 0 dB  SWT 501 302607  24 37151 GHz    -10  -10  -10  -10  -10    -20  D1 -25.00 dBm  -10  -10    -30  -10  -10  -10    -10  -10  -10  -10    -10  -10  -10  -10    -10  -10  -10  -10    -100  -10  -10  -10    -100  -10  -10  -10    -100  -10  -10  -10	



	Band 7							
	sand 7 dwidth: 10 MHz							
Channel 21100								
Frequency Range: 9 kHz ~ 1 GHz	Frequency Range: 1 GHz ~ 3 GHz							
RBW 300 HHz      [T1] AP VEW      Marker 1 [T1]        VBW 1 MHz        35 - Ref 35 dBm      Att 30 dB      SWT 501.306 ms      -34.88 dBm        30 -      Coffset 15 dB	RBW 1 MHz      [T'] RM VEW      Marker 1 [T']      22.60 dBm        35      Ref 35 dBm      Att 30 dB      SWT 501.306 ms      2.55067 GHz      2.55067 GHz        30							
0	0							
-40- -50- -60- -60- -55- -1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	40 -50 -66 -65 -51 -51 -51 -51 -51 -51 -51 -51 -51 -5							
Frequency Range: 3 GHz ~ 26 GHz								
BBW1 Miz      [T1] RM VEW      Marker 1 [T1]      -68 27 dBm      -68 27 dBm      -68 27 dBm      23 55612 GHz      24 55612 GHz								
-80 -90 -100 -105 -5tart 3 OHz -107 -105 -107 -107 -107 -107 -107 -107 -107 -107								



	Band 7							
Channel Bandwidth: 10 MHz Channel 21400								
Frequency Range: 9 kHz ~ 1 GHz	Frequency Range: 1 GHz ~ 3 GHz							
RBW 300 MHz      [T1] AP VEW      Marker 1 [T1]        35      Ref 35 dBm      Att 30 dB      SWT 501 308 ms      5.00 MHz        30-      Offset 15 dB	RBW 1 MM:      [T1] RM VEW      Marker 1 [T1]        35      Ref 35 dBm      Att 30 dB      SWT 501.308 ms      2.3.18 dBm        30      Offset 15 dB      1      2.56077 GHz      2.56077 GHz        20      1      1      1      1      1        10      1      1      1      1      1							
-10 	-20 - D1-25.00 dBm							
-40	-40 - -50 - -60 - -65 - -55 - -55 - -55 - -55 - -55 - -56 - 							
Frequency Range: 3 GHz ~ 26 GHz								
RBW 1 MHz USW 3 MHz      [T1] RM VEW USW 3 MHz      Marker 1 [T1] -80.11 dBm      -80.11 dBm        -5      Ref-5 dBm      Att 0 dB      SWT 501.308267      25.5357 GHz      25.5357 GHz        -10								
-80 -90 -105 -105 -105 -105 -105 -105 -105 -10								



LTE B	
Channel Bandy Channel	
Frequency Range: 9 kHz ~ 1 GHz      (1) AP VEW VIHIE      VEW VIHIE      SWT 501.300 ms      Offset 15 dB      Offset 10 dB <td< th=""><th>Frequency Range: 1 GHz ~ 3 GHz        Rev 1 Mrz      [T1] RM VEW        VBW 3 Mrz      [T1] RM VEW        Start 30 dB      SWT 501309 ms        Offset 15 dB      1        Offset 15 dB      1        D      1        D      1        D      1        D      1        D      1        D      1        D      1        D      1        D      1        D      1        D      1</th></td<>	Frequency Range: 1 GHz ~ 3 GHz        Rev 1 Mrz      [T1] RM VEW        VBW 3 Mrz      [T1] RM VEW        Start 30 dB      SWT 501309 ms        Offset 15 dB      1        Offset 15 dB      1        D      1        D      1        D      1        D      1        D      1        D      1        D      1        D      1        D      1        D      1        D      1
-80- -85- -85- -85- -85- -85- -85- -85-	-80
Ref -5 dBm      At 0 dB      SWT 501.30227      Marker 1 [T1]      66.09 dBm        -0	



	and 7		
LTE Band 7 Channel Bandwidth: 15 MHz			
Channel 21100			
Frequency Range: 9 kHz ~ 1 GHz	Frequency Range: 1 GHz ~ 3 GHz		
RBM 300 HHz      [T1] AP VEW      Marker 1 [T1]        35      Ref 35 dBm      Att 30 dB      SWT 501 308 ms      34.00 dBm      5.00 MHz        30      Offset 15 dB	RBV1 1MH2      [T1] RM VEW      Marker 1[T1]        35      Ref 35 dBm      Att 30 dB      SWT 501 308 ms      22.43 dBm      22.43 dBm      22.52827 GHz        30      1 <td< th=""></td<>		
-10- -20- -01-25,00 d8m -30-1 +	-10		
-50 -50 -50 -50 -50 -50 -50 -50	-50		
Frequency Range: 3 GHz ~ 26 GHz			
RBV 11 Mrz [T1] RM VEW Marker 1 [T1]        BBV 11 Mrz [T1] RM VEW Marker 1 [T1]        -5      Ref. 5 dBm      Att 0 dB      SWT 501 308267      Att 0 40 QHz      -60 65 dBm 24 01040 GHz        -10      -0			
-80			



	TE Band 7	
Channel Bandwidth: 15 MHz Channel 21375		
Marker 1 [1]		
-10	-10 -20 D1-25,00 dBm -30 -40	
500 400 400 400 400 400 400 400	-50- -60- -65- -51- -1- -1- -1- -1- -1- -1-	
RBW 1 Mri: VBW 3 Mri: 10      Marker 1 [T1]        -5      Ref-5 dBm      Att 0 dB      SWT 501.302/87      23.0        -10      Offset 15 dB      SWT 501.302/87      23.0        -20      D1-25.00.dBm	-85 90 dBm 69183 GHz	
-/0		



LTE Band 7 Channel Bandwidth: 20 MHz Channel 20850 Frequency Range: 9 kHz ~ 1 GHz Frequency Range: 1 GHz ~ 3 GHz					
			20-		
Frequency Range: 9 kHz ~ 1 GHz        RBW 300 kHz VBW 1 MHz VBW 1 MHz SWT 501.300 ms        RBW 300 kHz VBW 1 MHz SWT 501.300 ms	er 1 [T1] -32.43 dBm 4.60 MHz	35-Ref 35 dBm		196: 1 GHZ ~ 3 ( RBW 1 MHz VBW 3 MHz SWT 501.308 ms	
Offset 15 dB		30 - Offset 15 dB 20 -		1	
		0			_
		-10			_
D1-25,00 dBm		-30			
	BU REAU	-50 -			
	VERITAS	Start 1 GHz	200 MH	z/ Stop	3 GHz VERITAS
RBW 1 MHz      [T1] RM VEW      Marker        VEW 3 MHz      VEW 3 MHz      VEW 3 MHz        Offset 15 dB      SWT 501.308267      VEW 3 MHz	er 1 [T1] -66.00 dBm 25.74813 GHz				
1					
······································					
Start 3 GHz 2.3 GHz/ Stop 26 GHz	BUREAU VERITAS				



	Pand 7		
LTE Band 7 Channel Bandwidth: 20 MHz			
Channel 21100			
Frequency Range: 9 kHz ~ 1 GHz	Frequency Range: 1 GHz ~ 3 GHz		
RBW 300 MHz      [T1] AP VEW      Marker 1 [T1]        35      Ref 35 dBm      Att 30 dB      SWT 501 308 ms      -34 20 dBm      4 30 MHz        30	RB/95 dBm      Att 30 dB      SWT 501 308 ms      22.76 dBm        30      Offset 15 dB      2<52597 GHz      2<52597 GHz        20      1      1      1        10      1      1      1		
0- -10- -20- 	0		
-40- -50- -60- -65- -55-	-00 -50 -60 -65 -51 -51 -65 -51 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1		
Frequency Range: 3 GHz ~ 26 GHz			
BRW IM:z      [T1] RM VEW      Marker 1 [T1]      -68.12 dBm        -5      Ref-5 dB      Att 0 dB      SWT 501.308267      24.11045 GHz        -10      Offset 15 dB      -      -      24.11045 GHz      24.11045 GHz        -20      D1-25.00 dBm      - <t< td=""><td></td></t<>			
-90- -100- -105- Start 3 GHz 2.3 GHz/ Stop 26 GHz			



LTE Band 7 Channel Bandwidth: 20 MHz			
Channel 21350			
Frequency Range: 9 kHz ~ 1 GHz	Frequency Range: 1 GHz ~ 3 GHz		
RBW 300 kHz      [T1] AP VEW VBW 1 MHz      Marker 1 [T1]        35      Ref 35 dBm      Att 30 dB      SWT 501.300 ms      -34.57 dBm        30      Offset 15 dB      4.45 MHz      -4.45 MHz        20	Ref 35 dBm      Att 30 dB      SWT 501 306 ms      Marker 1 [71]      22.76 dBm        30      Offset 15 dB      1      2.55107 GHz      2.55107 GHz        20      1      1      1      1		
0	0 -10 -20 D1 -25,00 d8m -30 -40		
-50 -60 -65 -51 -51 -51 -51 -51 -51 -51 -51 -51 -5	-50 -60 -65 -51 -51 -51 -51 -51 -51 -51 -51 -51 -5		
Frequency Range: 3 GHz ~ 26 GHz        Ref-5 dBm Att 0 dB      (11) RM VEW VBW 3 MHz      (11) RM VEW VBW 3 MHz      Marker 1 [[11] 66.35 dBm			
-70 -80 -90 -100 -105 -105 -105 -107 -105 -107 -107 -107 -107 -107 -107 -107 -107			

	z 35 - Ref 35 dBm Att 30 dB SWT 501.308 ms 2.57017 GHz 30 - Offset 15 dB
Frequency Range: 9 kHz ~ 1 GHz        BBW 300 MHz      T(1) AP VEW        VBW1 MHz      (11) AP VEW        Offset 15 dB      Att 20 dB	Frequency Range: 1 GHz ~ 3 GHz        Barrier 1 (11)      (11)        Barrier 1 (11)      (11)
R8W 300 MHz      [T1] AP VEW      Marker 1 [T1]      49.74 dB        VBW1 MHz      49.74 dB      500 ms      952.14 MH        Offset 15 dB      952.14 MH      952.14 MH	RBW 1 MHz      [T1] RM VEW      Marker 1 [T1]        1      VBW 3 MHz      VBW 3 MHz      22.84 dBm        35      Ref 35 dBm      Att 30 dB      SWT 501.300 ms      25.7017 GHz        30      Offset 15 dB
VBW1 MHz samer1 [11] 40 74 dB Ref 35 dB SWT 501.308 ms 952.14 MH Offset 15 dB	1 VBW 3 MHz VBW 3 MHz 22,84 dBm 23.5 Ref 35 dBm Att 30 dB SWT 501.308 ms 255017 GHz 30 Offset 15 dB
D1 -25,00 dBm	0 -10 -20 D1 -25,00 dBm
Start 9 WHz  99 99 WHz/  Stop 1 GHz    Frequency Range: 3 GHz ~ 27 GHz	Start 1 GHz 200 MHz/ Stop 3 GHz VERTAS
RBW 1 Mitz      [T1] RM VEW      Marker 1 [T1]        VBW 3 Mitz      -65.39 dB        Ref -5 dBm      Att 0 dB      SWT 501.300267      26.42037 GH        Offset 15 dB	
D1-25.00 d8m	



LTE Band 38			
Channel Bandwidth: 5 MHz			
Channel 38000			
Frequency Range: 9 kHz ~ 1 GHz	Frequency Range: 1 GHz ~ 3 GHz		
Ref 35 dbm      Aft 30 dB      SWY 500 Hr2      [T1] AP VEW      Marker 1 [T1] 49,49        30      Offset 15 dB      SWT 501.300 ms      870.091        20	BBW 1 MHz      [T1] RM \/EW      Marker 1 [T1]      228 dBm        MHz      35      Ref 35 dBm      Att 30 dB      SWT 501.308 ms      2 259 dBm        30      Offset 15 dB      1      2      259257 GHz      1        20      1      1      1      1      1      1        10      10      1      1      1      1      1      1		
0	0 -10 -20 		
40 - 1 50	-40 -50 -60 -65 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1		
Frequency Range: 3 GHz ~ 27 GHz			
RBW 1 MHz      [T1] RM VEW      Marker 1 [T1]      55 54        5      Ref-5 dBm      Alt 0 dB      SWT 501.308267      26 41557        10      Offset 15 dB      D1 - 25.00 dBm      26 41557      26 41557        -0      -0      -0      -0      -0      -0        -0      -0      -0      -0      -0      -0        -0	đBm GHZ		
90			



LTE Band 38						
Channel Bandwidth: 5 MHz						
Channel 38225Frequency Range: 9 kHz ~ 1 GHzFrequency Range: 1 GHz ~ 3 GHz			11-			
Frequency F			Fre	equency Ra	RBW 1 MHz [T1] RM VIEW	
35      Ref 35 dBm      Att 30 dB        30      Offset 15 dB	VBW 11Mz SWT 501.308 ms	Marker 1 [71] -49.19 dBm 899.99 MHz	35 - Ref 35 dBm 30 - Offset 15 dB 20 -	Att 30 dB	VBW 3 MHz [11] KW VEW SWT 501.308 ms	Marker 1 [T1] 23.32 dBm 2.61538 GHz
10			10			
-20			-20			
-40	n - / An da la barran ann an Anna an An 3 89 MHz/	1 L Stop 1 GHz	-40 -50 -60 -65 -65 -1	I I I 200 M	Hz/ Stop 3 G	BUREAU YERITAS
Frequency R	ange: 3 GHz ~	27 GHz				
-5 Ref-5 dBm Att 0 dB -10 Offset 15 dB -20 D1 -25.00 dBm -30		) RM VEW Marker 1 [71] -05.80 dBm 24.14145 GHz				
-70						
-105-1111111111111111111111111111111111	I I I I 2.4 GHz/	BUREAU Stop 27 GHz VERITAS				



LTE Band 38			
Channel Bandwidth: 10 MHz Channel 37800			
Frequency Range: 9 kHz ~ 1 GHz	Frequency Range: 1 GHz ~ 3 GHz		
RBW 300 Mtz      [T1] AP VEW VBW 1 Mtz      Marter 1 [T1] -49.27 dBm sob 64 Mtz        30      ————————————————————————————————————	RBW 11 Miz VBW 31 Miz 00 W 5 Miz 20      (T1) RM VEW VBW 31 Miz 20      Marker 1 [T1] 2.3 13 dBm 2.57067 GHz        30      Offset 15 dB      1      1        30      0      1      2        10      1      1      2        10      1      1      1        20      1      1      1        10      1      1      1        20      1      1      1        10      1      1      1        20      1      1      1        10      1      1      1      1        20      1      1      1      1        20      1      1      1      1        20      1      1      1      1        20      1      1      1      1      1        30      1      1      1      1      1      1        30      1      1      1      1      1      1      1        30      1      1      1<		
Frequency Range: 3 GHz ~ 27 GHz      RBW 1 MHz VBW 3 MHz SWT 501 300267      (1) RM VEW Offset 15 dB			



LTE Band 38			
Channel Bandwidth: 10 MHz			
Channel 38000			
Frequency Range: 9 kHz ~ 1 GHz	Frequency Range: 1 GHz ~ 3 GHz		
Ret 30 00 Htz      [T1] AP VEW      Market 1 [T1]        35      Ret 35 dBm      Atl 30 dB      SWT 501.308 ms      838.69 MHz        30      Offset 15 dB      30      35.69 MHz      838.69 MHz        20	RBW1 MM2 VBW3 MM2      [T1] RM VEW VBW3 MM2      Marker 1 [T1]      22.76 dBm        35      Ref 35 dBm      Att 30 dB      SWT 501.308 ms      2.59077 GHz        30      1      1      2.59077 GHz      2.59077 GHz        20      1      1      1      1        0      1      1      1      1        0      1      1      1      1        0      1      1      1      1        0      1      1      1      1        0      1      1      1      1        0      1      1      1      1      1        0      1      1      1      1      1        0      1      1      1      1      1        0      1      1      1      1      1      1        0      1      1      1      1      1      1        0      1      1      1      1      1      1        0      1      1		
-30 -30 -40 -50 -50 -51 -51 -51 -51 -51 -51 -51 -51	-30 -40 -50 -50 -50 -55 -55 -55 -55 -55 -55 -5		
RBW 1 MHz      [T1] RM VEW      Marker 1 [T1]     65.53 dBm        -0			
-90 -100 -105 -105 -105 -107 -107 -107 -107 -107 -107 -107 -107			



LTE Band 38			
Channel Bandwidth: 10 MHz			
Channel 38200			
Frequency Range: 9 kHz ~ 1 GHz	Frequency Range: 1 GHz ~ 3 GHz		
RB/W 300 HHz      [T1] AP VEW      Marker 1 [T1]        35      Ref 35 dBm      Att 30 dB      SWT 501.308 ms      971.14 MHz        30      Offset 15 dB      971.14 MHz      971.14 MHz        20	RBV1 1MH2      [T1] RM VEW      Marker 1 [T1]        VBW 3 MH2      [T1] RM VEW      Marker 1 [T1]        35      Ref 35 dBm      Att 30 dB      SWT 501308 ms      22.6108 g        30      0      1      1      1        20      1      1      1      1		
10	10		
-20 D1 -25.00 dBm	-20- D1-25.00 dBm -30- -40-		
-50	-50 -00 -05 -51art 1 GHz 200 MHz/ Stop 3 GHz URE AU Start 1 GHz 200 MHz/ Stop 3 GHz		
Frequency Range: 3 GHz ~ 27 GHz			
R8 W1 Mbz      [T1] RM VEW      Marker 1 [T1]     84 91 dBm     84 91 dBm      2-84 91 dB			
-80 -90 			



LTE Band 38			
Channel Bandwidth: 15 MHz Channel 37825			
Frequency Range: 9 kHz ~ 1 GHz	Frequency Range: 1 GHz ~ 3 GHz		
Ref 35 dBm      Att 30 dB      SWr 10 Hz      Marker 1 [T1]      -49.76 dBn        30      Offset 15 dB	RBW 1 MHz [T1] RM VIEW Marker 1 [T1] VBW 3 MHz 22.93 dBm		
Frequency Range: 3 GHz ~ 27 GHz BBV 1 Miz VSW 3 Miz SW 501 300207 Contract 15 dB Contract			



LTE Ba	
Channel Bandy	
Channe	
Frequency Range: 9 kHz ~ 1 GHz	Frequency Range: 1 GHz ~ 3 GHz
Ref      30      Cf1 AP VEW      Marker 1 [T1]      43 79 dbm        35      Ref 25 dbm      Att 30 dB      SWT 501.308 ms      648 89 MHz        30      Offset 15 dB      648 89 MHz      648 89 MHz        20	RBW1 MMz      [T1] RM VEW      Marker 1 [T1]      22.87 dBm        35      Ref 35 dBm      Att 30 dB      SWT 501 308 ms      258837 GHz      258837 GHz        30      Offset 15 dB      1      1      258837 GHz      258837 GHz        20      1
-50 -65 -51 -51 -51 -51 -51 -51 -51 -51 -51 -5	-50 -66 -65 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
RBW1 MHz      [T1] RM VEW      Marker 1 [T1]        -5      Ref -5 dBm      Att 0 dB      SWT 501.30287      26.02675 GHz        -10      -10      -10      -10      26.02675 GHz        -20      D1 -25.00 dBm      -10      -10      -10        -60      -10      -10      -10      -10	
-90	



	and 38						
	lwidth: 15 MHz						
Channel 38175							
Frequency Range: 9 kHz ~ 1 GHz	Frequency Range: 1 GHz ~ 3 GHz						
RBW 300 Hrz      [T1] AP VEW      Marker 1 [T1]      -49.14 dBm        35      - Ref 35 dBm      Att 30 dB      SWT 501.308 ms      887.04 MHz      -49.14 dBm        30      - Offset 15 dB	RBW 1 MHz      [T1] RM V/EW      Marker 1 [T1]      22.81 dBm        35      Ref 35 dBm      Att 30 dB      SWT 501.308 ms      2.80688 GHz        30						
0	10						
-10	-10 -20 D1-25.00 dBm -30						
-40 - 1 -50 - 1 -60	-40						
Start 9 MHz 99 99 MHz/ Stop 1 GHz VERNEXAS	Start 1 GHz 200 MHz/ Stop 3 GHz VERTRAS						
Sector      Ref      State      Control      Contr							
-50							
-90 -100 -105 -105 -105 -107 -107 -107 -107 -107 -107 -107 -107							



LTE Band 38								
Channel Bandwidth: 20 MHz Channel 37850								
Frequency Range: 9 kHz ~ 1 GHz	Frequency Range: 1 GHz ~ 3 GHz							
Ref 35 dBm      Marker 1 [T1]      -49.59 dBm        30      Offset 15 dB      -49.59 dBm      -90.49 MHz      -90.49 MHz        00	Ref 35 dBm      Att 30 dB      SWT 50 / 30 / ms      Marker 1 [T1]      23 02 dBm        30      Offset 15 dB      1      1      2      2      2      1      2      2      2      1      2      2      2      0      1      2      2      0      1<							
Ref -5 dBm      Att 0 dB      VBW 1 Miz VBW 3 Miz SWT 501 303267      Marker 1 [T1] -4 4 97 dBm 26 39616 GHz        -0								



LTE Band 38 Channel Bandwidth: 20 MHz									
Channel 38000									
Frequency Range: 9 kHz ~ 1 GHz Frequency Range: 1 GHz ~ 3 GHz									
RBIV 300 M/z      [T1] AP VEW VBW 11 MHz      Marker 1 [T1] -49 63 dBm        35-      Ref 35 dBm      Att 30 dB      SWT 501.306 ms      921.64 MHz        30-	RBW 1 MH2      [T1] RM VEW VBW 3 MH2      Marker 1 [T1] 22.06 dBm        35      Ref 35 dBm      Att 30 dB      SWT 501.308 ms      2.56617 GH2        30								
-10	-10								
-80- -85- Start 9 M/z 99.99 M/z/ Stop 1 GHz VICE ALL AS	-30 -60 -65 -55 -51art 1 GHz -200 MHz/ Stop 3 GHz -00 -00 -00 -00 -00 -00 -00 -00 -00 -0								
Frequency Range: 3 GHz ~ 27 GHz        Ref.5 dBm Att 0 dB      Cliptical State      SWT 1MHz VBW 3 MHz      SWT 10 VBW 3 MHz      SSWT 10 VBW 3 MHz      SSWT 501 303267      SSWT 501 303267      SWT 501 30227									
-90 -100 -105 -105 -105 -105 -107 -105 -107 -107 -107 -107 -107 -107 -107 -107									



	and 20							
LTE Band 38 Channel Bandwidth: 20 MHz Channel 38150								
BBW 300 Mtz      [T1] AP VEW      Marter 1 [T1]      48.99 dBm        35      Ref 35 dBm      Att 30 dB      SWT 501 308 ms      663.89 MHz        30      Offset 15 dB      663.89 MHz      663.89 MHz      663.89 MHz        20      10      0      0      0      0	RBW 1 Mitz      [T1] RM VEW      Marker 1 [T1] 22.82 dBm        35      Ref 35 dBm      Att 30 dB      SWT 501.308 ms      2.80088 GHz        30      Offset 15 dB      1      2.80088 GHz      2.80088 GHz        20      1      1      1      1        10      1      1      1      1        0      1      1      1      1							
-10 -20 -20 -20 -20 -20 -40 -40 -1	-10 -20 - D1-25.00 dBm 							
-50 -60 -65 -51 -51 -51 -51 -51 -51 -51 -51 -51 -5	-50 -60 -65 -55 -55 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5							
Frequency Range: 3 GHz ~ 27 GHz								
RBW1 IMF2      [T1] RW VEW      Marker 1 [T1]        -5      Ref - 5 dBm      Att 0 dB      SWT 501.308267      26.72 dBm        -10      Offset 15 dB      0      20.10715 GHz      28.10715 GHz        -20      D1-25.00 dBm      0      0      0        -30      0      0      0      0        -40      0      0      0      0        -50      0      0      0      0        -70      0      0      0      0								
-80 -90 -100 -105 - Slart 3 OHz 2 4 GHz/ Slop 27 GHz								

LTE Ba	and 41						
Channel Banc	lwidth: 5 MHz						
Channel 39675							
Frequency Range: 9 kHz ~ 1 GHz	Frequency Range: 1 GHz ~ 3 GHz						
Hold With Control      [11] AP VEW      Marker 1 [11]        VEW 1 IML      -49.40 dBm      -49.40 dBm        30      Offset 15 dB      -      -        20      -      -      -        10      -      -      -        0      -      -      -	RBV 1 M/z [T1] RM VEW Marker 1 [T1]      Marker 1 [T1]      22.70 dBm        36      Ref 35 dBm      Att 30 dB      SWT 501.300 ms      2.49617 GHz        30      0      1      1      1        20      1      1      1      1        10      1      1      1      1						
-10- -20 <u>D1-25,00 d8m</u> -30- -40-	-10						
-50- -60- -65- -54- -55- -54- -55- -54- -55- -54- -55- -54-	-50 -50 -50 -50 -50 -50 -50 -50 -50 -50						
Frequency Range: 3 GHz ~ 27 GHz							
Ref S dBm      Att 0 dB      SWT 501.302267      Marker 1 [T1]      -65.27 dBm        -50      -01-25.00 dBm      -01-25.00							
-90- -100- -105- -105- -105- -105- -105- -105- -105- -105- -106- -							



	LTE B	and 41							
Channel Bandwidth: 5 MHz									
	Channel 40620								
Frequency Range: 9 kHz ~ 1 (	GHz	Frequency Range: 1 GHz ~ 3 GHz							
RBW 300 kH: [T1] AP VI VBW 1 HM: 35 Ref 35 dBm Att 30 dB SWT 501.308 ms 30 Offset 15 dB	W Marker 1 [T1] -49.39 dBm 931.19 MHz	35 - Ref 35 dBm 30 - Offset 15 dB	Att 30 dB	RBW 1 MHz [T1] RM VIEW VBW 3 MHz SWT 501.308 ms 1	Marker 1 [T1] 23.05 dBm 2.59097 GHz				
20	_	20		+	_				
-10-		-10-			_				
-20		-20- <u>D1 -25.00 dBm</u> -30-			_				
-40- 		-40							
-80 -85	BUREAU VERITAS	-60 - -65 - 1 I Start 1 GHz	I I I 200 MH	z/ Stop 3 Gł	B U R E A U VERITAS				
Frequency Range: 3 GHz ~ 27	GHz								
RBW 1 MHz      [T1] RM VI        -5      Ref -5 dBm      Att 0 dB      SWT 501 308267        -10      Offset 15 dB      -10	EW Marker 1 [T1] -85.36 dBm 26.11795 GHz								
-20- 									
-40- -50- -60-									
-70 -70- -80-									
-90									
-105	27 GHz VERITAS								



LTE Band 41									
	0	Channel Band		Hz					
Channel 41565 Frequency Range: 9 kHz ~ 1 GHz Frequency Range: 1 GHz ~ 3 GHz									
Frequency Ra		Frequency Range: 1 GHz ~ 3 GHz							
35 Ref 35 dBm Att 30 dB 30 Offset 15 dB 20 -	RBW 300 MHz [T1] AP VE VBW 1 MHz SWT 501.308 ms	W Marker 1 [T1] -49.61 dBm 853.89 MHz	35 - Ref 35 dBm 30 - Offset 15 dB 20 -	Att 30 dB	VBW 3 MHz SWT 501.308 ms	Marker 1 [T1] 23.38 dBm 2.68528 GHz			
10			10- 0- -10- -20- <u>D1 -25,00 d8m</u>			-			
-30	1 Strand Automatican Standard Market Standard		-30 - -40 - -50 - -60 -						
Frequency Ra	nge: 3 GHz ~ 27		-65-  Start 1 GHz	I I I 200 МН	z/ Stop 3 G	U REAU U REAU VERITAS			
-5- -10- -20- -5 dBm Att 0 dB -10- -10- -20-	RBW 1 MHz [T1] RM VE VBW 3 MHz SWT 501.308267	W Marker 1 [T1] -65.54 dBm 26.11435 GHz							
_00									
-50									
-80 -									
-100 -105 Start 3 GHz 2.4 C	1 1 1 1 3Hz/ Stop 2								

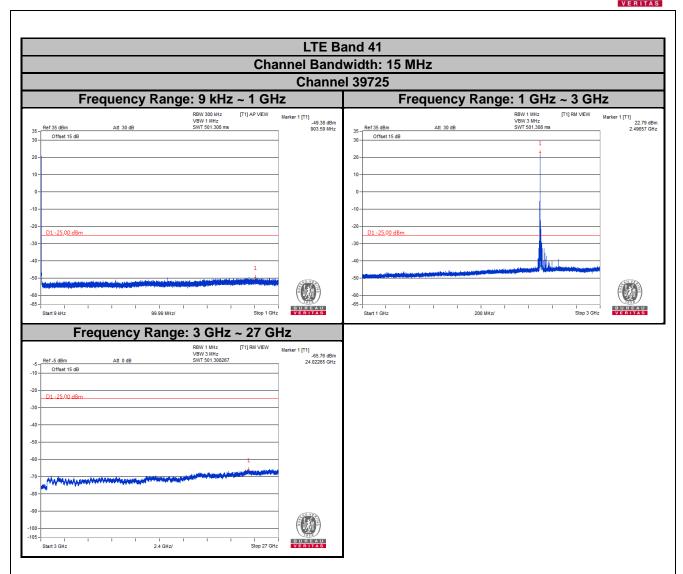
LTE Band 41									
			Cha		width: 10 M	Hz			
					el 39700				
Fre	equency Ran	-	~ 1 GH	Z	Fre	quency Rai	-	2 ~ 3 Gł	lz
35 - Ref 35 dBm 30 - Offset 15 dB 20 -	Att 30 dB	RBW 300 kHz VBW 1 MHz SWT 501.308 ms	[T1] AP VIEW	Marker 1 [T1] -49.49 dBm 917.24 MHz	35 - <mark>Ref 35 dBm 30 - Offset 15 dB 20</mark>	Att 30 dB	RBW 1 MHz VBW 3 MHz SWT 501.308 ms	(T1) RM VIEW	Marker 1 [T1] 23.01 dBm 2.49647 GHz
10					10				-
40 - 50 - 60 - 65 - 51 - 51 - 51 - 51 - 51 - 51 - 51 - 5	d of descent of the second s		1 Stop 1 GHz	BUREAU VERITAS	-40		z/	I I Stop 3 GH	
Free	quency Rang	e: 3 GHz	~ 27 GH	Ηz					
-5 - Ref -5 dBm -10 - Offset 15 dB -20 - D1 - 25.00 dBm -30	Att 0 dB	RBW 1 MHz VBW 3 MHZ SWT 501.308267	[T1] RM VEW	Marker 1 [71] -85.61 dBm 26.12875 GHz					
-90	1 1 1 2.4 GHz/	1 1 1	Stop 27 GHz	B U R E A U V E R I T A S					



LTE Band 41 Channel Bandwidth: 10 MHz					
Frequency Range: 9 kHz ~ 1 GHz	Frequency Range: 1 GHz ~ 3 GHz				
RBW 300 Hrz [T1] AP VEW      Marker 1 [T1] 45 50 dbm        35      Ref 35 dbm      Att 30 dB      SWT 501.308 ms      45 50 dbm      650 59 Mhz        30      Offset 15 dB      Offset 15 dB      650 59 Mhz      650 59 Mhz      650 59 Mhz        20      0	RBW1 IM12      [T1] RM VEW      Marker 1 [T1]      22.99 dBm        36      Att 30 dB      SWT 501 308 ms      2.59857 GHz      2.59857 GHz        30      Offset 15 dB      1      1      2.59857 GHz      2.59857 GHz        20      1      1      1      1      1      1      1        0      1				
40- 50- 60- 65- 510	-40 -50 -50 -50 -50 -50 -50 -50 -50 -50 -5				
S      Ref - 5 dBm      Att 0 dB      SWT 501.308.267      28.04955 GHz        -10      Offset 15 dB					
-90					



LTE Band 41 Channel Bandwidth: 10 MHz					
Frequency Range: 9 kHz ~ 1 GHz	Frequency Range: 1 GHz ~ 3 GHz				
RBW 300 MHz      [T1] AP VEW      Marker 1 [T1]      -49.01 dBm        35      Ref 35 dBm      Att 30 dB      SWT 501.308 ms      602.74 MHz        30      Offset 15 dB      602.74 MHz      602.74 MHz        20	RBW1 MHz      [T1] RM VEW      Marker 1 [T1]      22.81 dBm        35      Ref 35 dBm      Att 30 dB      SWT 501 308 ms      22.804B GHz      22.804B GHz      22.804B GHz      22.804B GHz      22.804B GHz      20.804B GHz      20.804B GHz      20.804B GHz      1				
-10	-10				
Frequency Range: 3 GHz ~ 27 GHz	50- 60- 65- 51art 1 GHz 200 MHz/ Stop 3 GHz UR CAU				
Bit VI Miz      [T1] RM VEW      Marker 1 [T1]        -64.80 dBm      -44.80 dBm      -64.80 dBm        -00      -01      -01.500267      28.09515 GHz        -01      -01      -01      -01      -01        -01      -01      -01      -01      -01        -00      -01      -01      -01      -01        -00      -01      -01      -01      -01					
-70 -70 -90 -105 -105 -105 -107 -105 -107 -107 -107 -107 -107 -107 -107 -107					

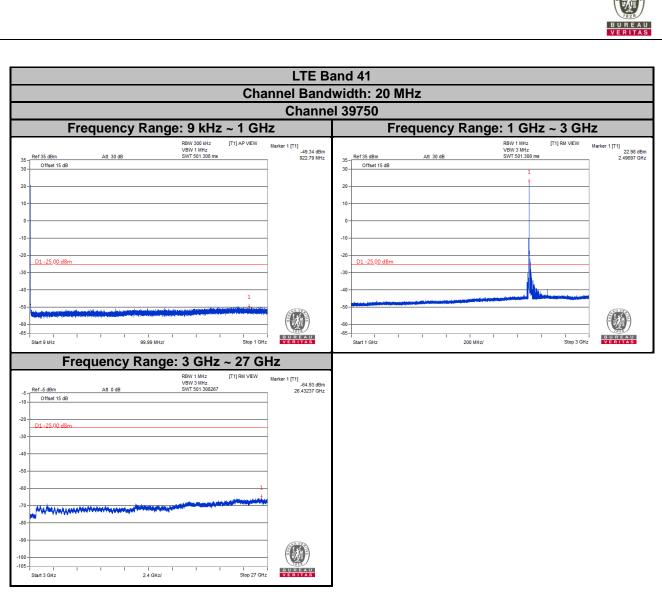




LTE Ba	and 41					
Channel Bandy						
Channe	Channel 40620					
Frequency Range: 9 kHz ~ 1 GHz	Frequency Range: 1 GHz ~ 3 GHz					
BBW 300 Miz      [T1] AP VEW      Marker 1 [T1]        35      -Ref 35 dBm      Att 30 dB      -49 30 dBm        30      Offset 15 dB      -69 30 dBm      857.79 MHz        20	RBW 1 MHz      [T1] RM VEW      Marker 1 [T1]        35      Ref 35 dBm      Att 30 dB      SWT 501 308 ms      22 36 dBm        30      Offset 15 dB      1      2.56637 GHz      2.56637 GHz        20      1      1      1      1      1					
10	10					
Start 9 MHZ 99 99 MHZ/ Stop 1 GHZ VERTICAS	Start 1 GHz 200 MHz/ Stop 3 GHz VERTAG					
Requeries y Realinge: S of Dirac ~ 27 OFL2        Rest and the original of the original origina origina oris original original original original original origin						
-80						



LTE Band 41 Channel Bandwidth: 15 MHz Channel 41515					
RBW 300 H/2      [T1] AP VEW VBW 1 M/z      49.41 dBm 712.93 M/z        36      Offset 15 dB      712.93 M/z      712.93 M/z        20      0      0      0      0	RBW 1 MHz      [T1] RN VEW      Marker 1 [T1]      22.73 dBm        35      Ref 35 dBm      Att 30 dB      SWT 501.308 ms      267578 GHz        30      Offset 15 dB      1      2      267578 GHz        20      1      1      1        10      1      1      1				
0	0				
1 -50 -60 -65 -51 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	-50 -50 -50 -50 -50 -50 -50 -50 -50 -50				
Frequency Range: 3 GHz ~ 27 GHz        Image: Start and Star					
-00 -70 -70 -90 -90 -90 -105 -101 -105 -101 -105 -101 -105 -101 -105 -101 -105 -101 -105 -101 -105 -101 -105 -101 -101					





LTE Band 41 Channel Bandwidth: 20 MHz						
	Channel 40620					
Frequency Rar	nge: 9 kHz ~ 1 G	Hz	Fre	quency Rar	nge: 1 GHz ~ 3 G	Hz
35 - Ref 35 dBm Att 30 dB 30 - Offset 15 dB	RBW 300 kHz [T1] AP VEW VBW 1 MHz SWT 501.308 ms	Marker 1 [T1] -49.63 dBm 987.39 MHz	35 - Ref 35 dBm 30 - Offset 15 dB	Att 30 dB	RBW 1 MHz [T1] RM VEW VBW 3 MHz SWT 501.308 ms	Marker 1 [T1] 23.39 dBm 2.58397 GHz
20			20		T	_
-10			0			_
-30						
-50	Line ka ang katalan ka	BUREAU SHZ VERITAS	-50 - -60 - -65 - - 1 -			BUREAU VERITAS
Frequency Ran	qe: 3 GHz ~ 27 (	GHz				
-5 Ref -5 dBm Att 0 dB -10 Offset 15 dB	RBW 1 MHz [T1] RM VIEW VBW 3 MHz SWT 501.308267					
_D1-25.00.dBm -30		_				
-50						
-70						
-100	y Stop 27	B U R E A U BHZ V E R I T A S				



LTE Band 41 Channel Bandwidth: 20 MHz					
Frequency Range: 9 kHz ~ 1 GHz	Frequency Range: 1 GHz ~ 3 GHz				
NBM 300 Mr2      [11] AP VEW      Marker 1 [T1]        35      Ref 35 dBm      Att 30 dB      SWT 501 308 ms      871.54 MHz        30      Offset 15 dB      SWT 501 308 ms      871.54 MHz        20	VBW 3 MHz VBW 3 MHz 22.57 dBm 22.57 dBm 22.57 dBm 267126 GHz 267126 GHz 267126 GHz 10				
-10	0				
-so -so -so -so -start 9 Mrz - Start 9 Mrz -	-50 -60 -65 -51 -51 -11 -11 -11 -11 -11 -11 -11 -1				
Ref-5 dBm      Alt 0 dB      SWT 501:308257      Marker 1 [T1]      -65:54 dBm        -0					
-80					



### 4.8 Radiated Emission Measurement

### 4.8.1 Limits of Radiated Emission Measurement

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least 55 + 10 log (P) dB. The limit of emission is equal to -25 dBm.

### 4.8.2 Test Procedure

- a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8 m (below or equal 1 GHz) and/or 1.5 m (above 1 GHz) height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value" of step a. Record the power level of S.G.
- c. EIRP = Output power level of S.G TX cable loss + Antenna gain of substitution horn.
- d. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, E.R.P power = E.I.R.P power 2.15 dB.

**NOTE:** The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz.

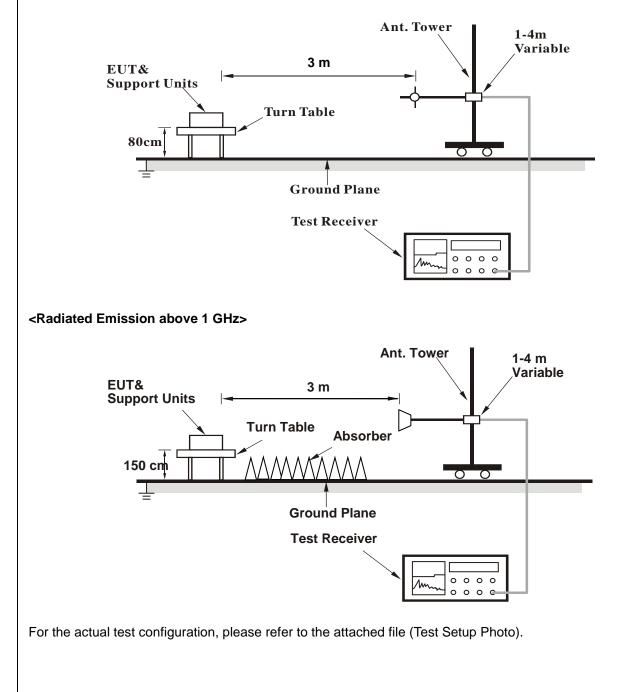
#### 4.8.3 Deviation from Test Standard

No deviation.



#### 4.8.4 Test Setup

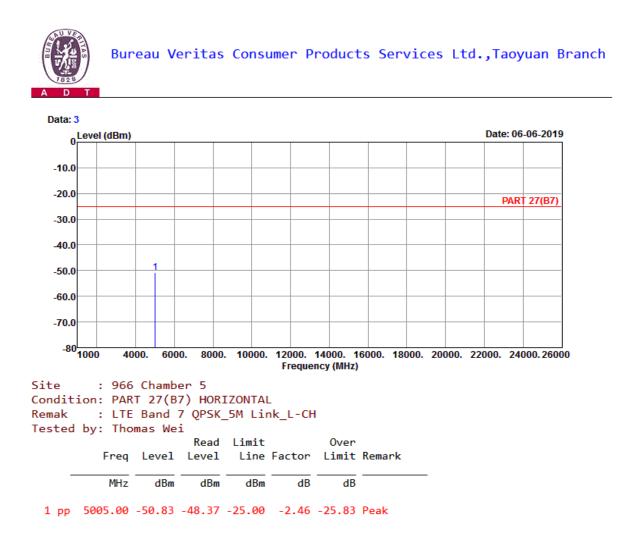
### <Radiated Emission below or equal 1 GHz>





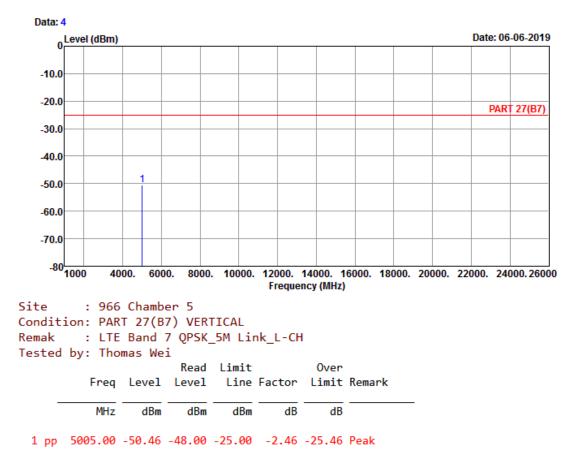
### 4.8.5 Test Results

# LTE Band 7 Channel Bandwidth: 5 MHz / QPSK Low Channel





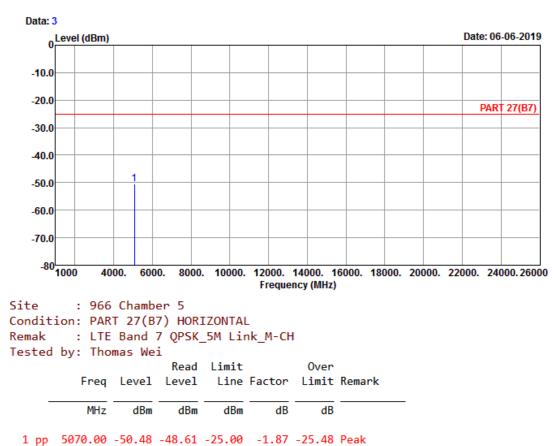






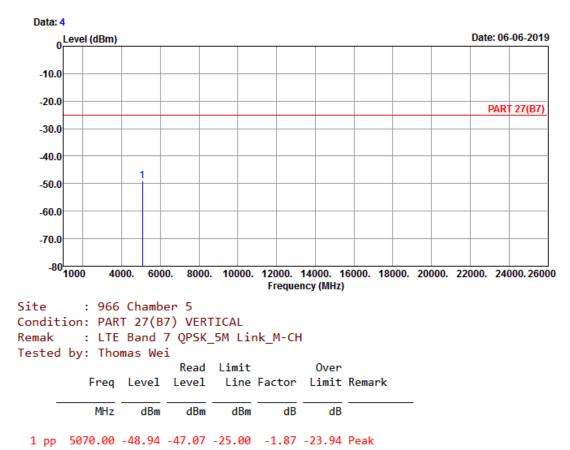
### **Middle Channel**







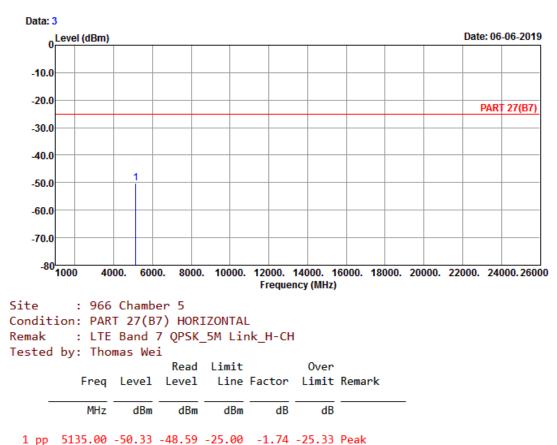






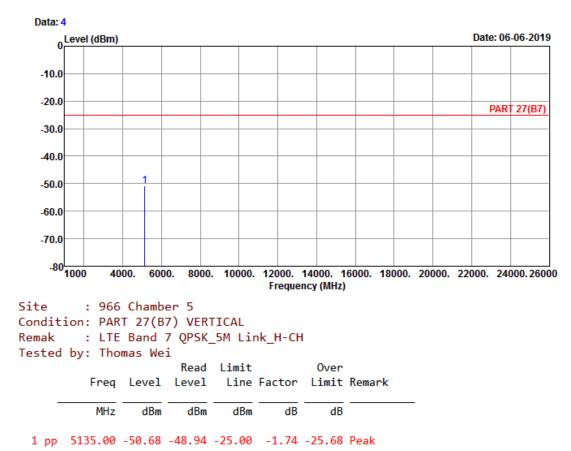
## **High Channel**





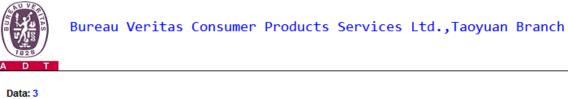


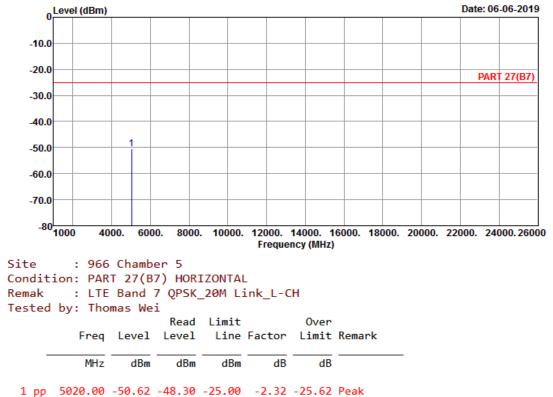






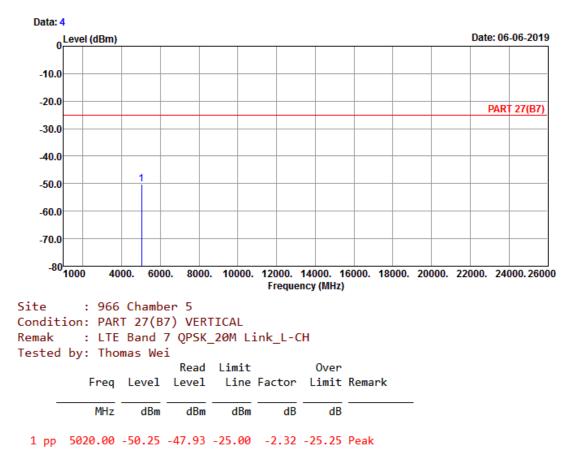
# Channel Bandwidth: 20 MHz / QPSK Low Channel







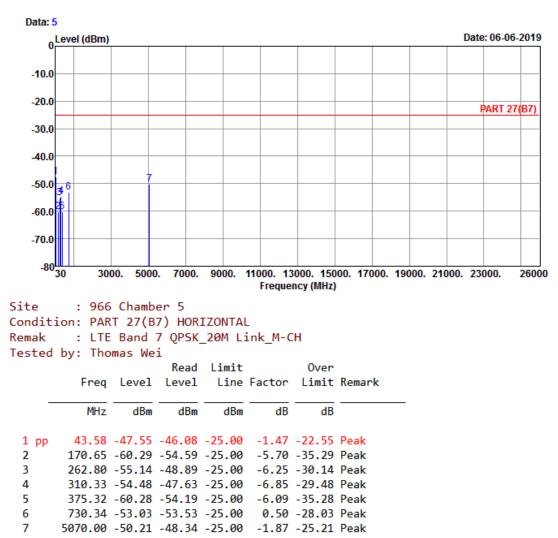






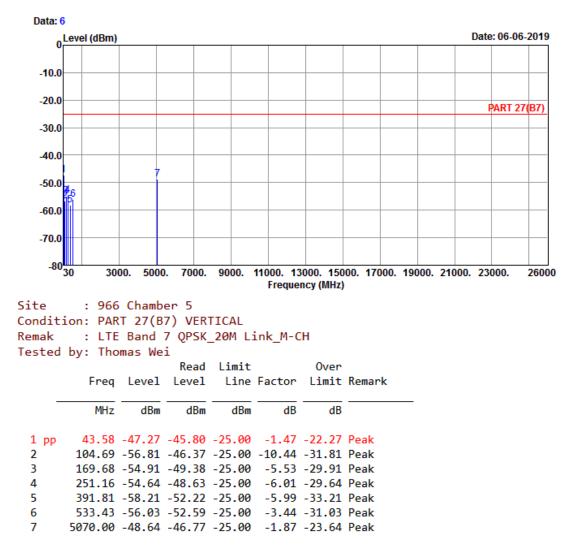
#### **Middle Channel**







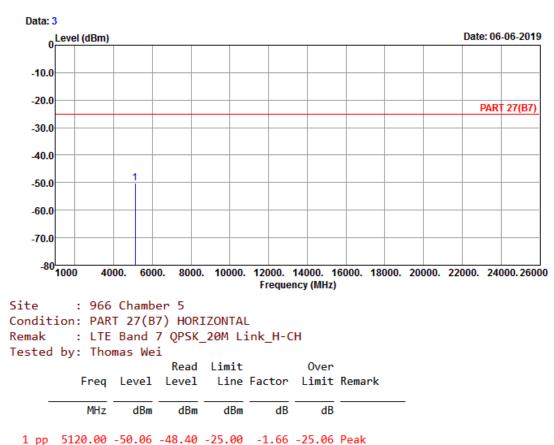






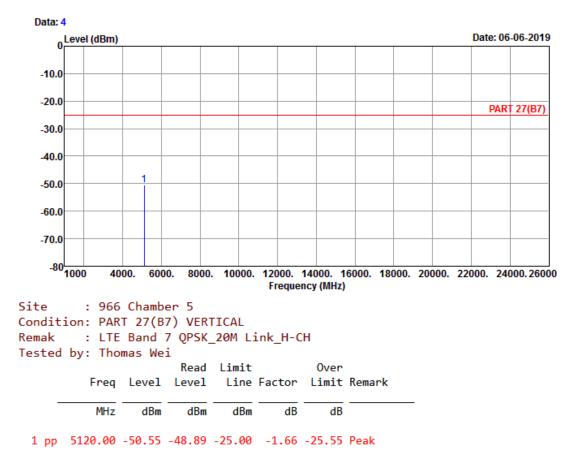
## **High Channel**





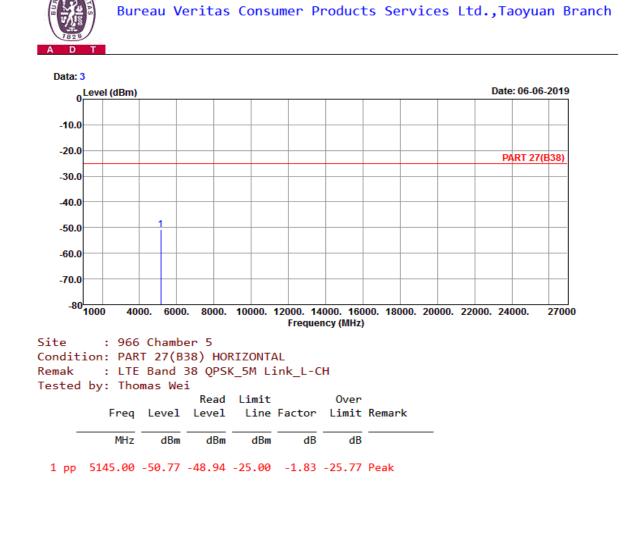






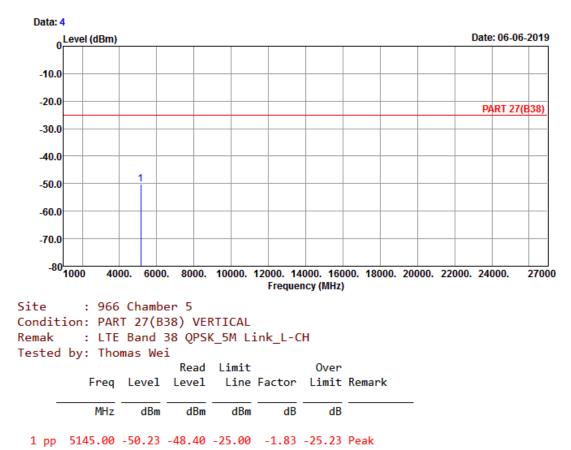


# LTE Band 38 Channel Bandwidth: 5 MHz / QPSK Low Channel





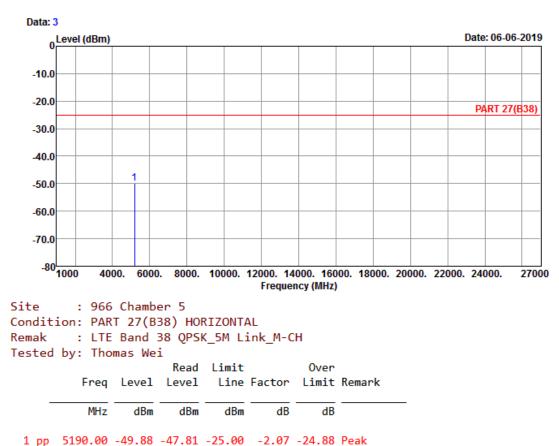






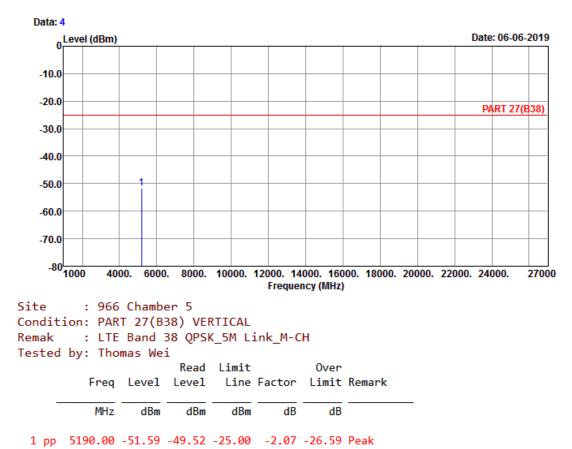
### **Middle Channel**







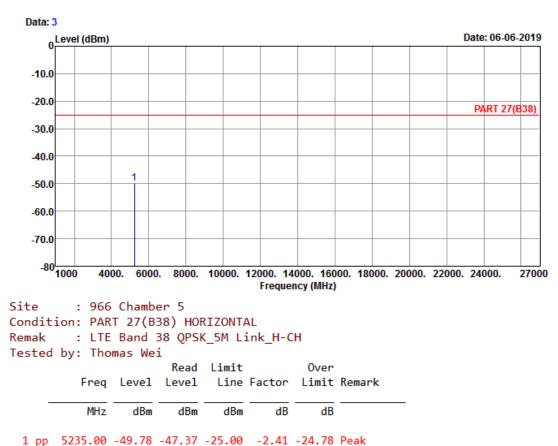






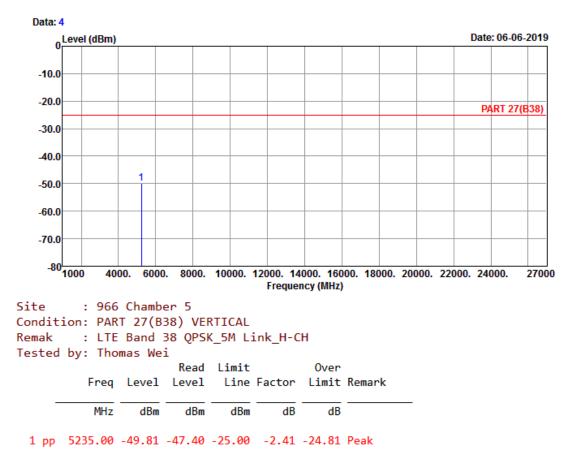
## **High Channel**





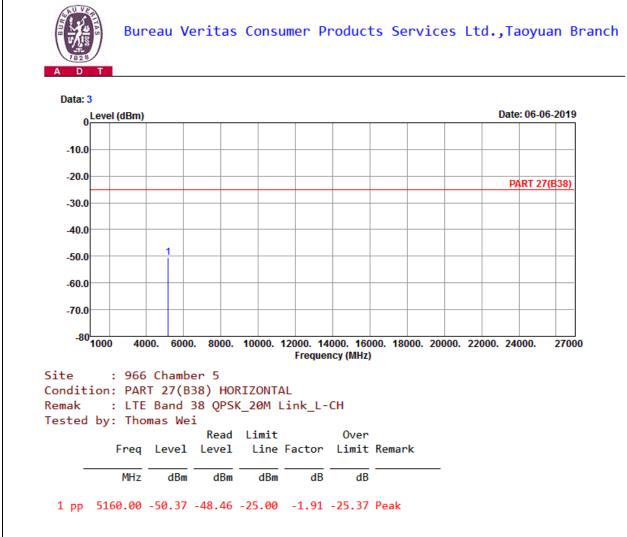






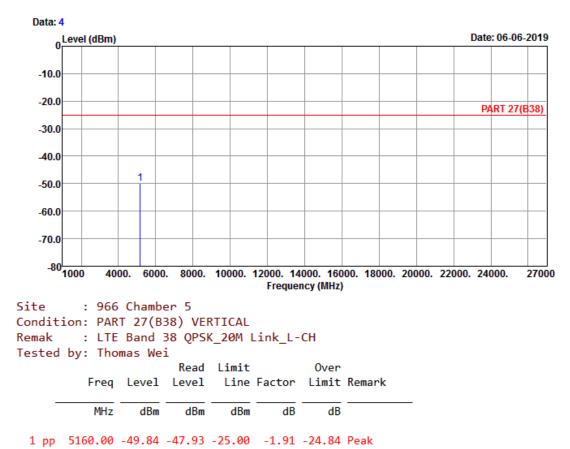


# Channel Bandwidth: 20 MHz / QPSK Low Channel





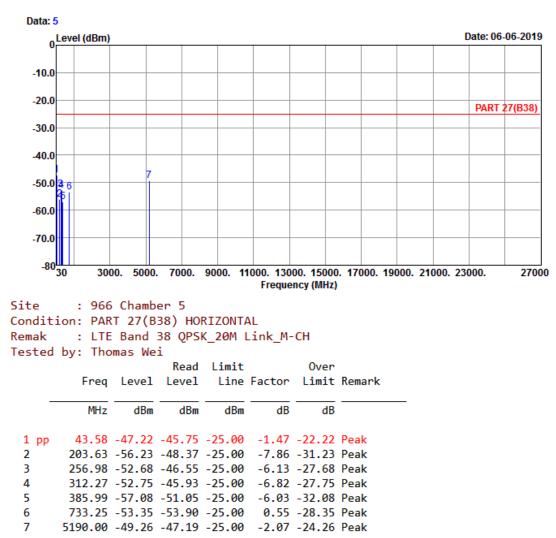






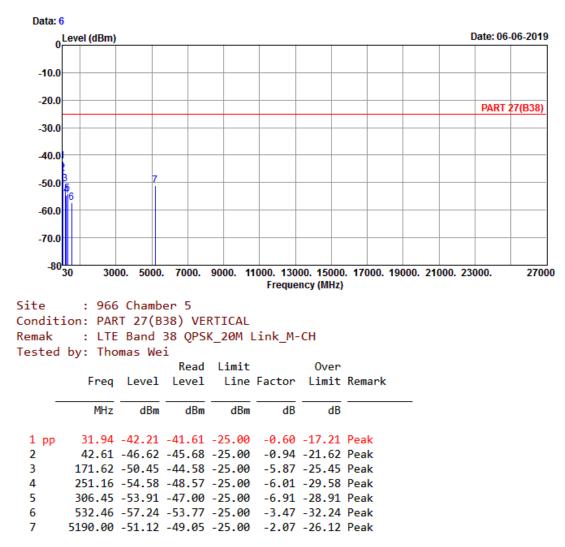
#### **Middle Channel**







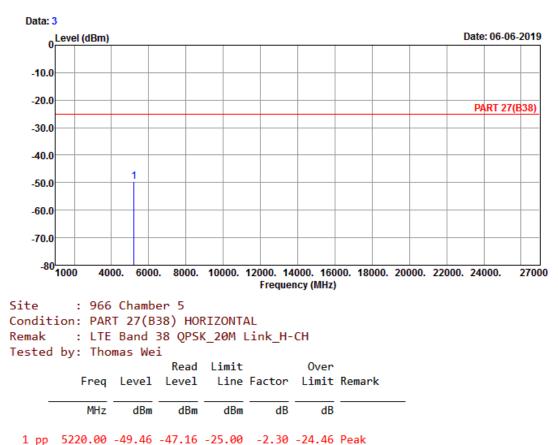






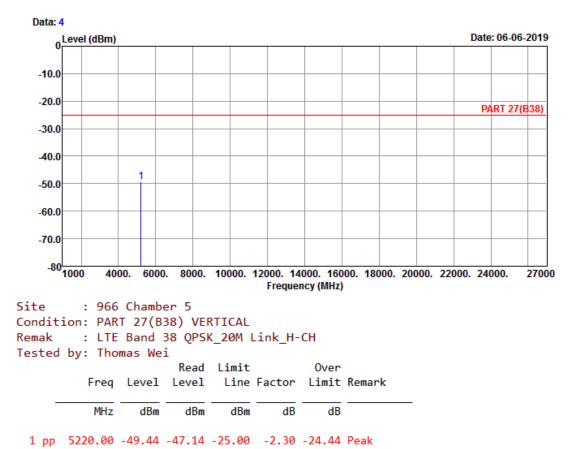
## **High Channel**





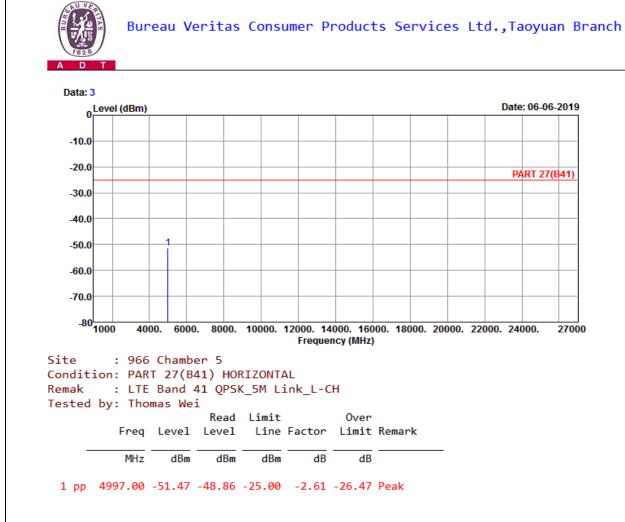






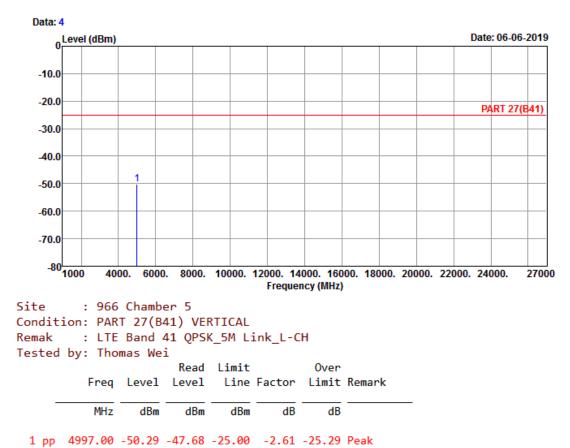


# LTE Band 41 Channel Bandwidth: 5 MHz / QPSK Low Channel





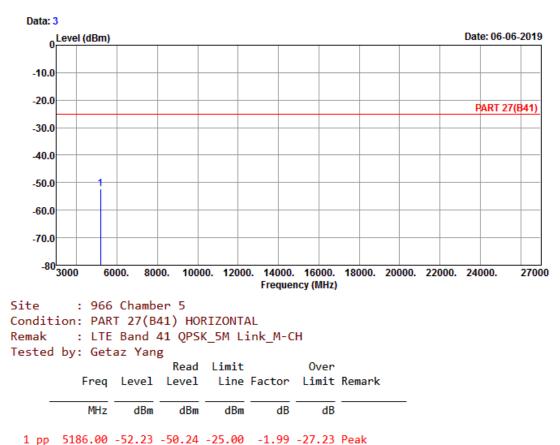






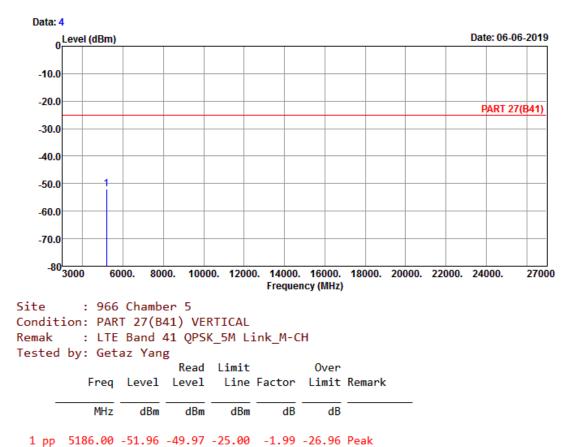
### **Middle Channel**







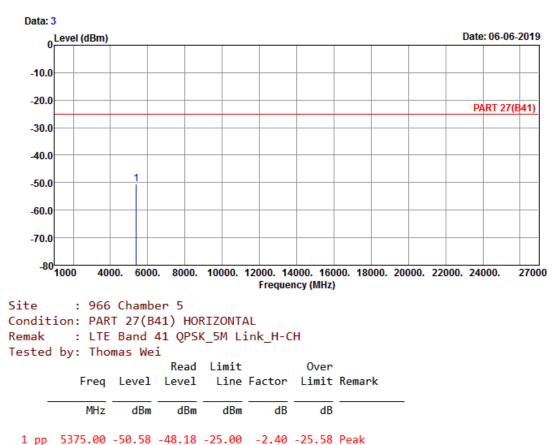






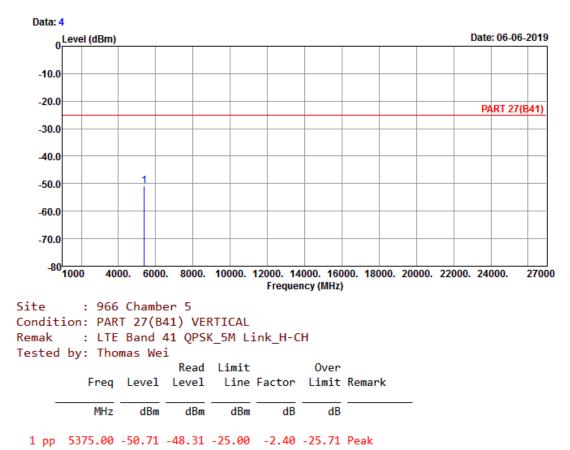
## **High Channel**





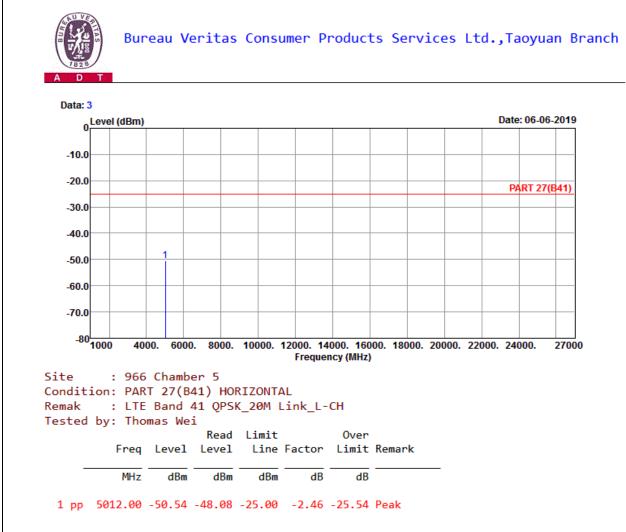






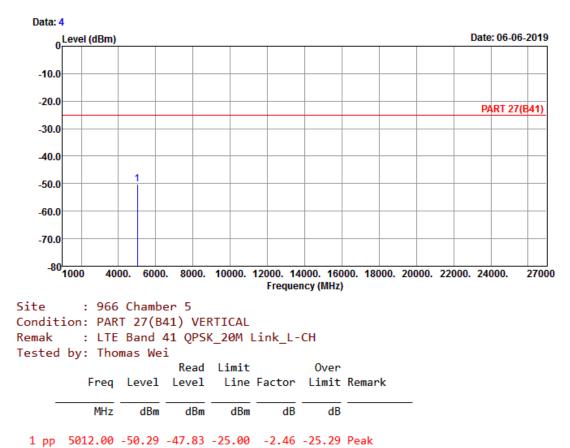


# Channel Bandwidth: 20 MHz / QPSK Low Channel





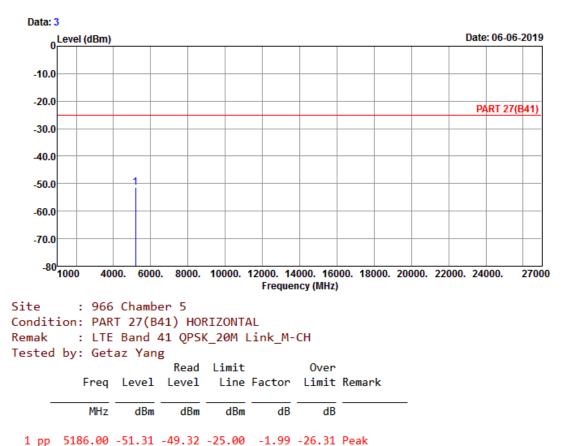






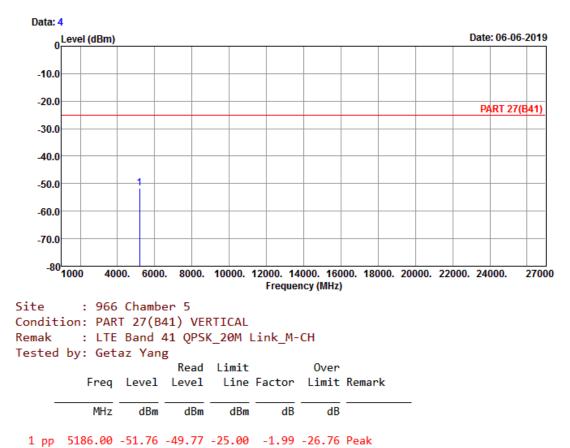
### **Middle Channel**







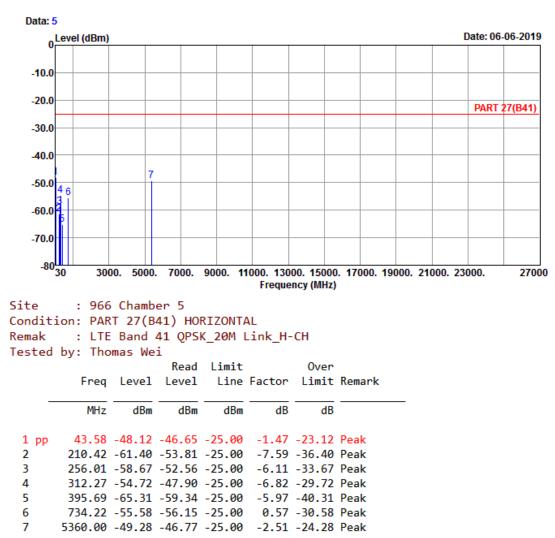






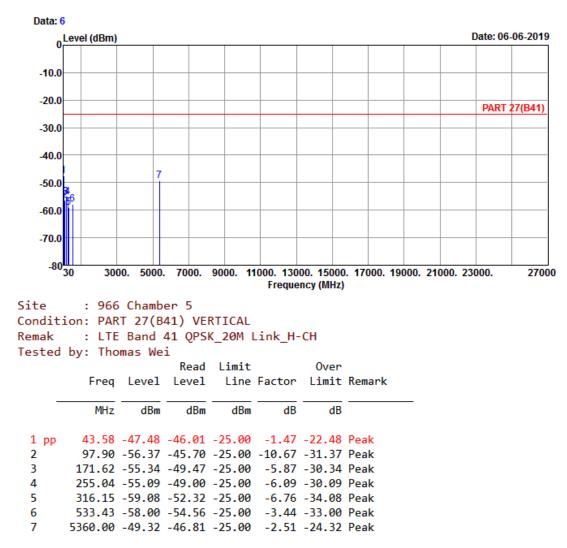
#### **High Channel**













# 5 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo).



#### Appendix – Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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Email: <u>service.adt@tw.bureauveritas.com</u> Web Site: <u>www.bureauveritas-adt.com</u>

The address and road map of all our labs can be found in our web site also.

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