

4.8 Radiated Emission Measurement

4.8.1 Limits of Radiated Emission Measurement

- a. The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log (P)$ dB. The limit of emission is equal to -13 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 from E.I.R.P power by subtracting the gain of dipole, E.R.P power = E.I.R.P power - 2.15 dB.

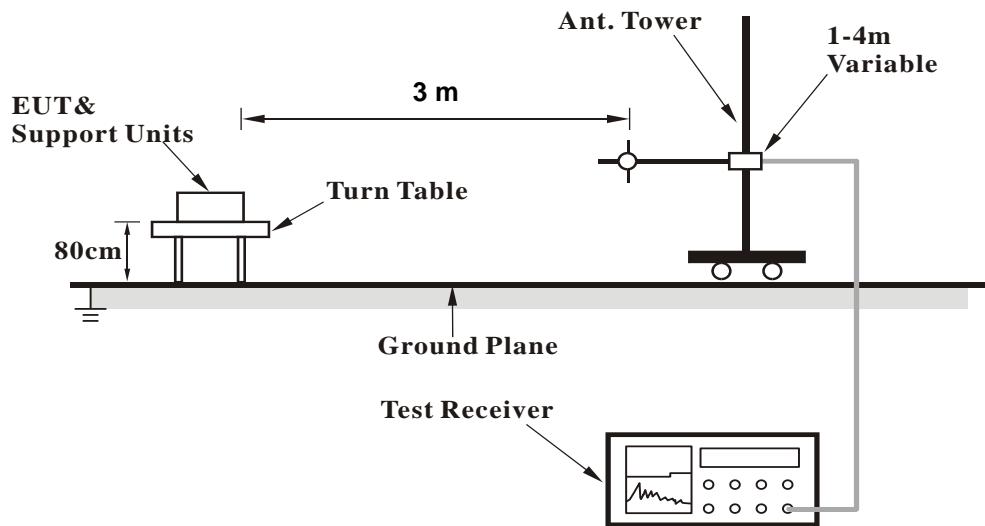
Note: The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz.

4.8.3 Deviation from Test Standard

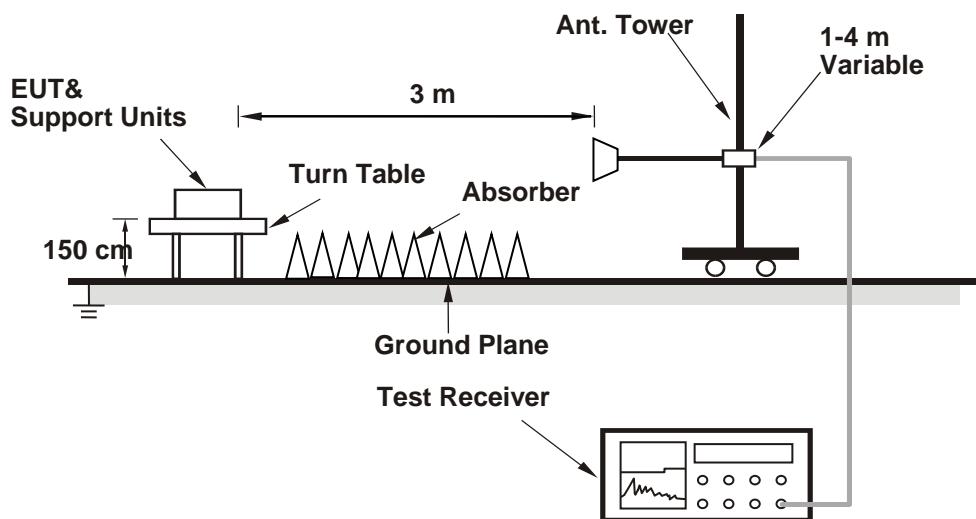
No deviation.

4.8.4 Test Setup

<Radiated Emission below or equal 1 GHz>



<Radiated Emission above 1 GHz>



For the actual test configuration, please refer to the attached file (Test Setup Photo).

4.8.5 Test Results

WCDMA:

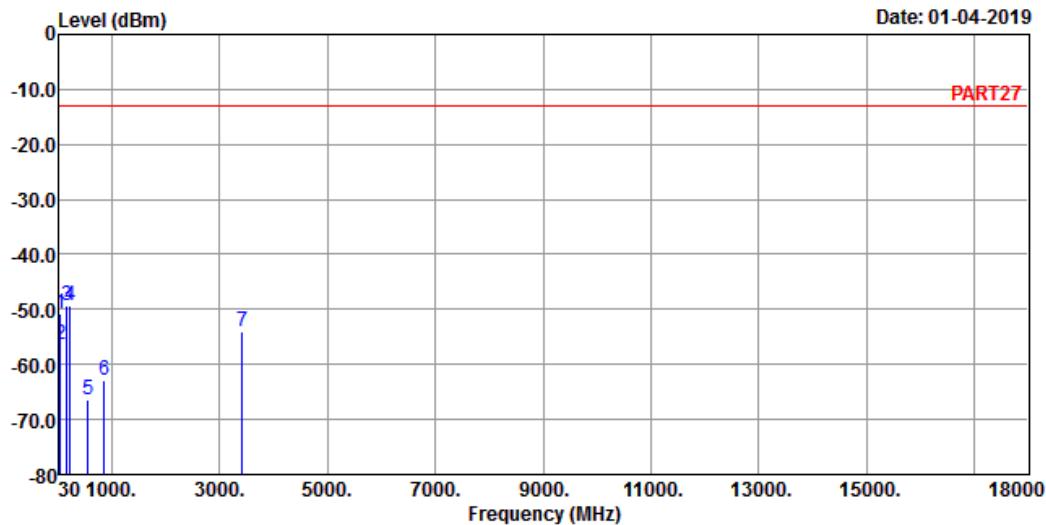
Low Channel

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 5



Site : 966 Chamber 5

Condition: PART27 HORIZONTAL

Remark : WCDMA Band 4 Link_L-CH

Tested by: Jisyong Wang

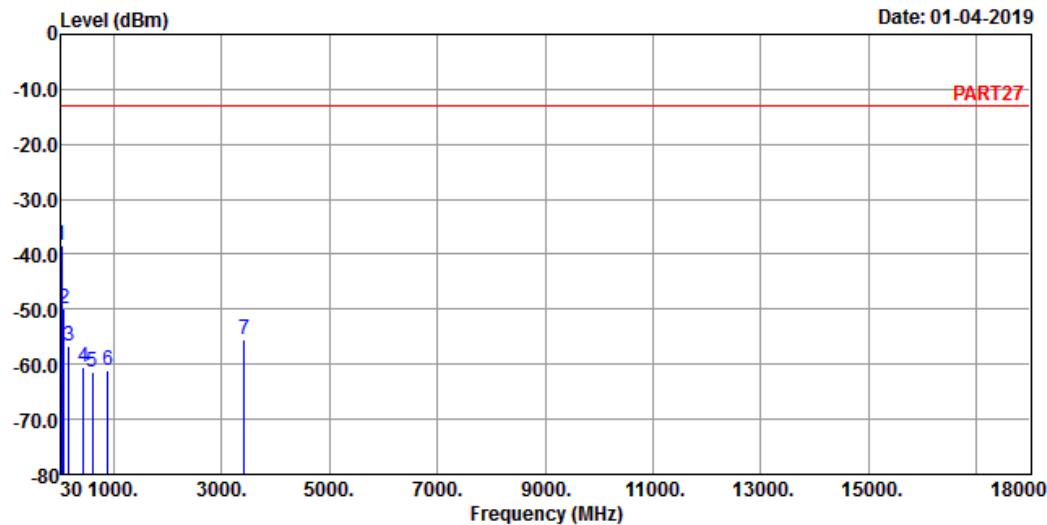
	Freq	Read Level	Limit Level	Over Line	Limit	Over Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	43.58	-50.68	-49.21	-13.00	-37.68	-1.47	Peak
2	54.25	-56.46	-50.39	-13.00	-43.46	-6.07	Peak
3 pp	170.65	-49.21	-43.51	-13.00	-36.21	-5.70	Peak
4	225.94	-49.31	-42.34	-13.00	-36.31	-6.97	Peak
5	559.62	-66.41	-63.96	-13.00	-53.41	-2.45	Peak
6	867.11	-62.96	-63.35	-13.00	-49.96	0.39	Peak
7	3424.80	-54.08	-45.74	-13.00	-41.08	-8.34	Peak

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 6



Site : 966 Chamber 5

Condition: PART27 VERTICAL

Remark : WCDMA Band 4 Link_L-CH

Tested by: Jisyong Wang

Freq	Read Level	Limit Level	Read	Limit	Over	Remark
			Line	dBm	dB	
MHz	dBm	dBm	dBm	dB	dB	
1 pp	37.76	-38.24	-37.80	-13.00	-25.24	-0.44 Peak
2	86.26	-49.98	-38.96	-13.00	-36.98	-11.02 Peak
3	170.65	-56.55	-50.85	-13.00	-43.55	-5.70 Peak
4	435.46	-60.46	-54.80	-13.00	-47.46	-5.66 Peak
5	605.21	-61.36	-60.59	-13.00	-48.36	-0.77 Peak
6	900.09	-61.23	-61.80	-13.00	-48.23	0.57 Peak
7	3424.80	-55.61	-47.27	-13.00	-42.61	-8.34 Peak

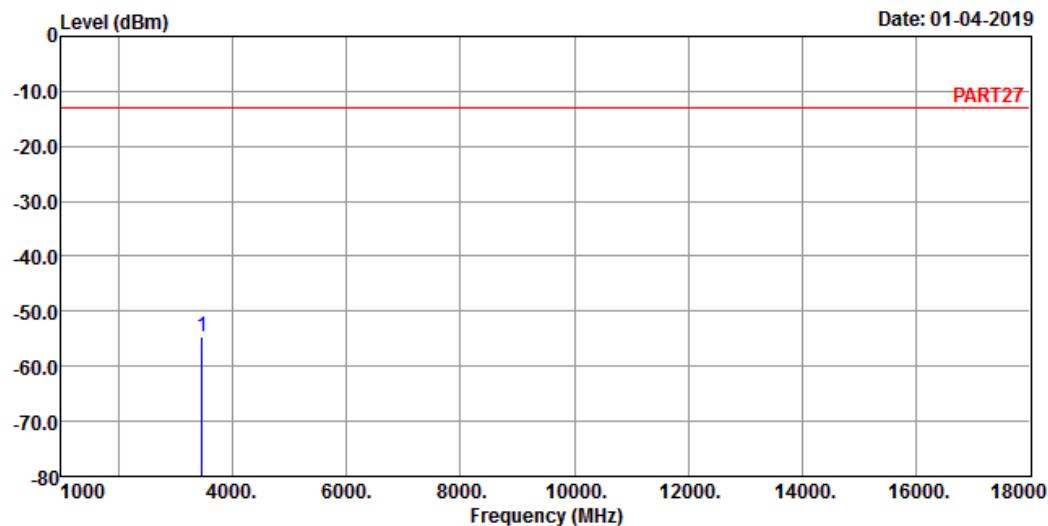
Middle Channel

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 1



Site : 966 Chamber 5

Condition: PART27 HORIZONTAL

Remark : WCDMA Band 4 Link_M-CH

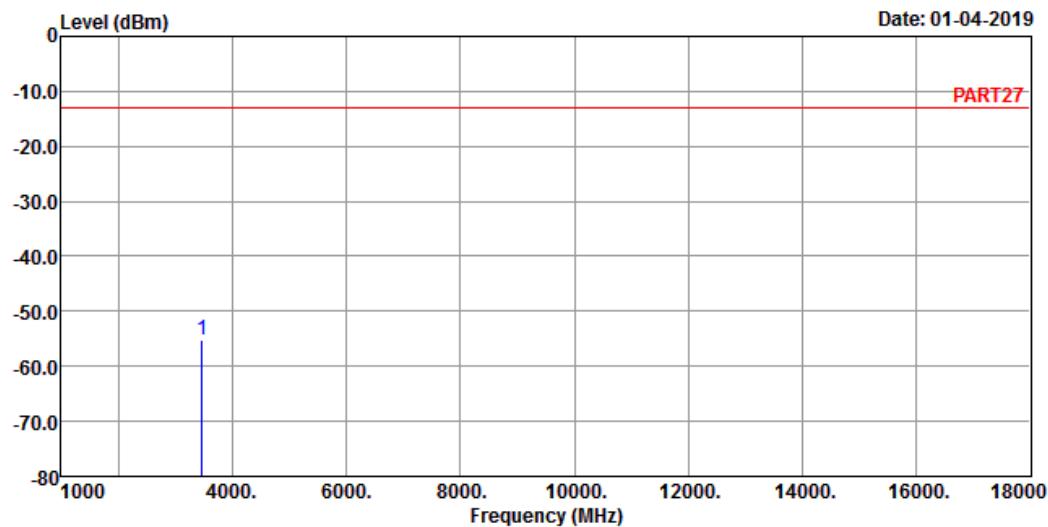
Tested by: Jisyong Wang

Freq	Read	Limit	Over	Remark			
	Level	Level	Line	Limit	Factor		
MHz	dBm	dBm	dBm	dB	dB		
1 pp	3465.20	-54.49	-46.61	-13.00	-41.49	-7.88	Peak

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



Data: 2



Site : 966 Chamber 5

Condition: PART27 VERTICAL

Remark : WCDMA Band 4 Link_M-CH

Tested by: Jisyong Wang

Freq	Level	Read	Limit	Over	Factor	Remark
		MHz	dBm	dBm	dB	dB
1 pp	3465.20	-55.23	-47.35	-13.00	-42.23	-7.88 Peak

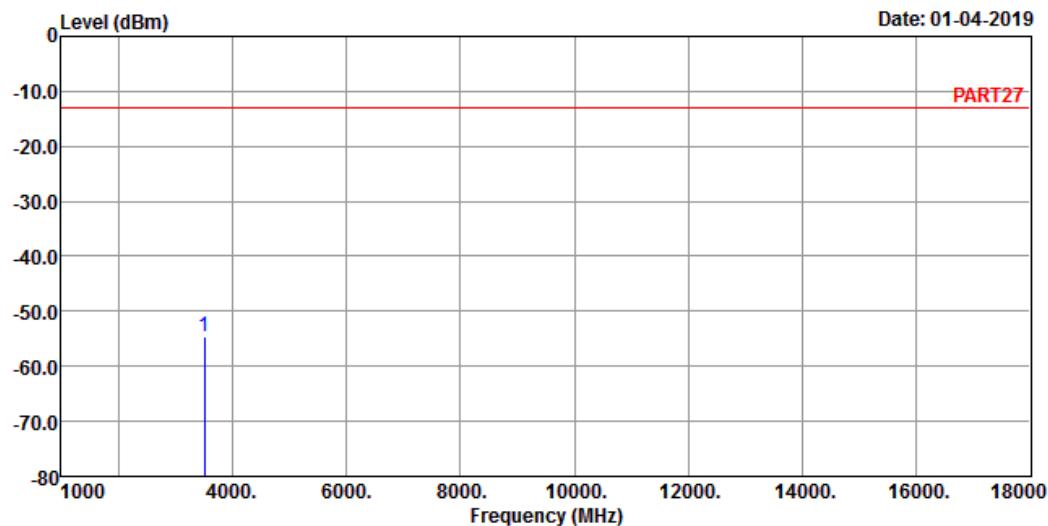
High Channel

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 1



Site : 966 Chamber 5

Condition: PART27 HORIZONTAL

Remark : WCDMA Band 4 Link_H-CH

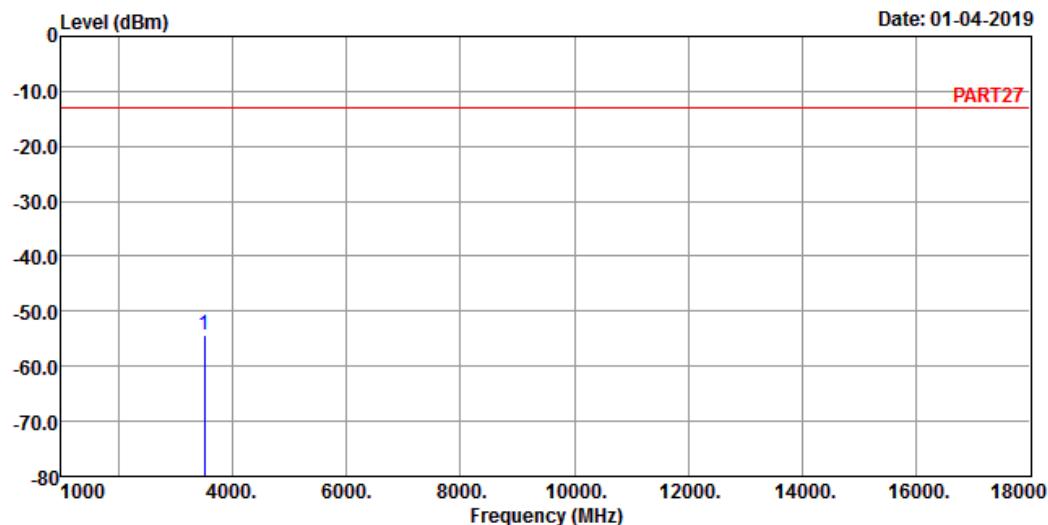
Tested by: Jisyong Wang

	Read	Limit	Over			
Freq	Level	Level	Line	Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp	3505.20	-54.68	-47.23	-13.00	-41.68	-7.45 Peak

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



Data: 2



Site : 966 Chamber 5

Condition: PART27 VERTICAL

Remark : WCDMA Band 4 Link_H-CH

Tested by: Jisyong Wang

	Read	Limit	Over			
Freq	Level	Level	Line	Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	

1 pp 3505.20 -54.22 -46.77 -13.00 -41.22 -7.45 Peak

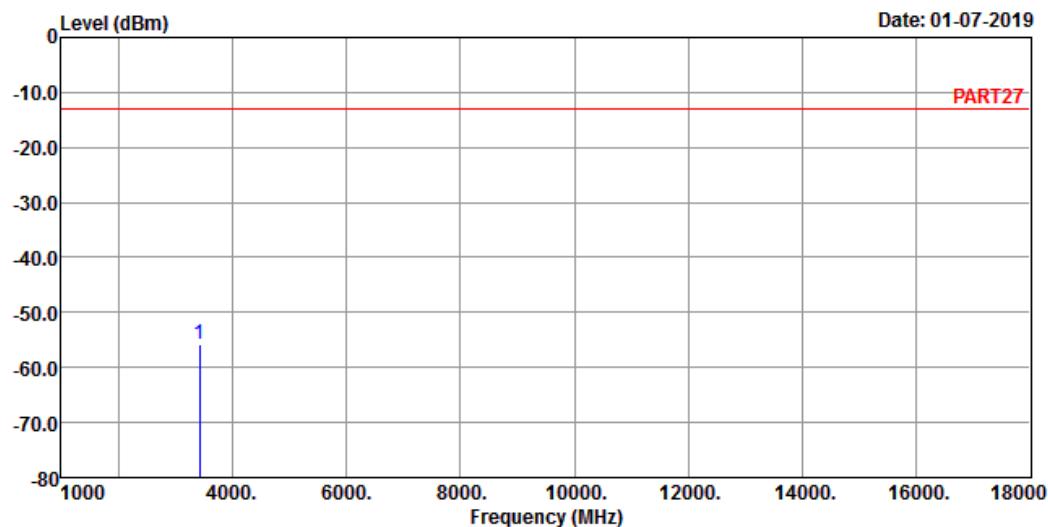
LTE Band 4
Channel Bandwidth: 1.4 MHz / QPSK
Low Channel

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 1



Site : 966 Chamber 5

Condition: PART27 HORIZONTAL

Remak : LTE Band 4 QPSK_1.4M Link_L-CH

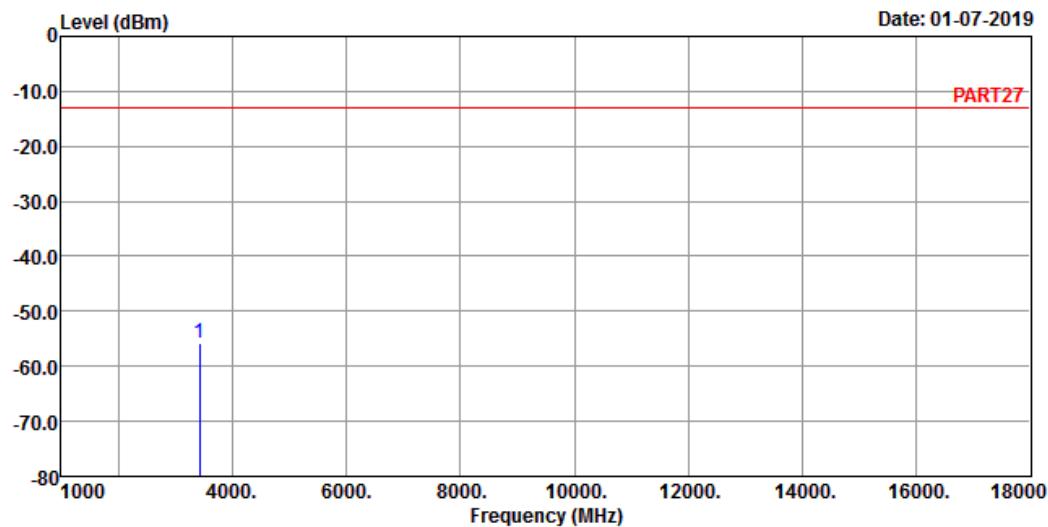
Tested by: Jisyong Wang

Freq	Level	Read	Limit	Over	Factor	Remark
		MHz	dBm	dBm	dBm	
1 pp	3421.40	-55.72	-47.38	-13.00	-42.72	-8.34 Peak

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



Data: 2



Site : 966 Chamber 5

Condition: PART27 VERTICAL

Remak : LTE Band 4 QPSK_1.4M Link_L-CH

Tested by: Jisyong Wang

	Read	Limit	Over			
Freq	Level	Level	Line	Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	

1 pp 3421.40 -55.67 -47.33 -13.00 -42.67 -8.34 Peak

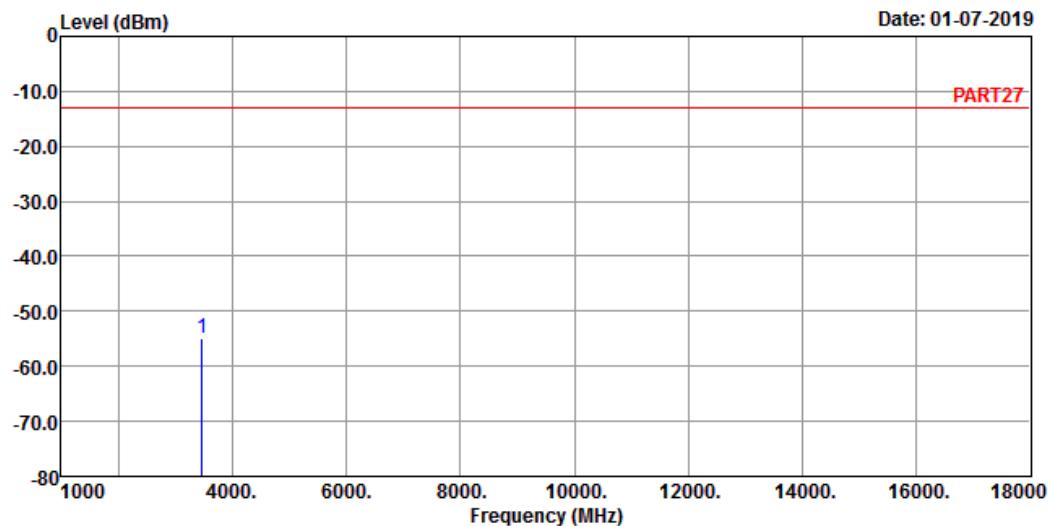
Middle Channel

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 1



Site : 966 Chamber 5

Condition: PART27 HORIZONTAL

Remak : LTE Band 4 QPSK_1.4M Link_M-CH

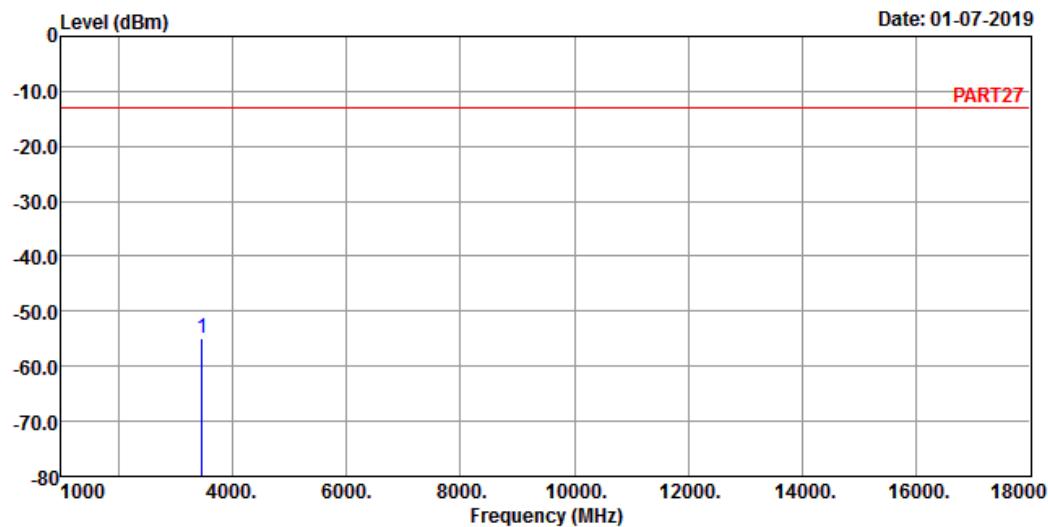
Tested by: Jisyong Wang

Freq	Level	Read	Limit	Over	Factor	Remark
		MHz	dBm	dBm	dBm	dB
1 pp	3465.00	-54.91	-47.03	-13.00	-41.91	-7.88 Peak

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



Data: 2



Site : 966 Chamber 5

Condition: PART27 VERTICAL

Remak : LTE Band 4 QPSK_1.4M Link_M-CH

Tested by: Jisyong Wang

Freq	Read	Limit	Over	Factor	Remark	
	Level	Level	Line			
MHz	dBm	dBm	dBm	dB	dB	
1 pp	3465.00	-55.01	-47.13	-13.00	-42.01	-7.88 Peak

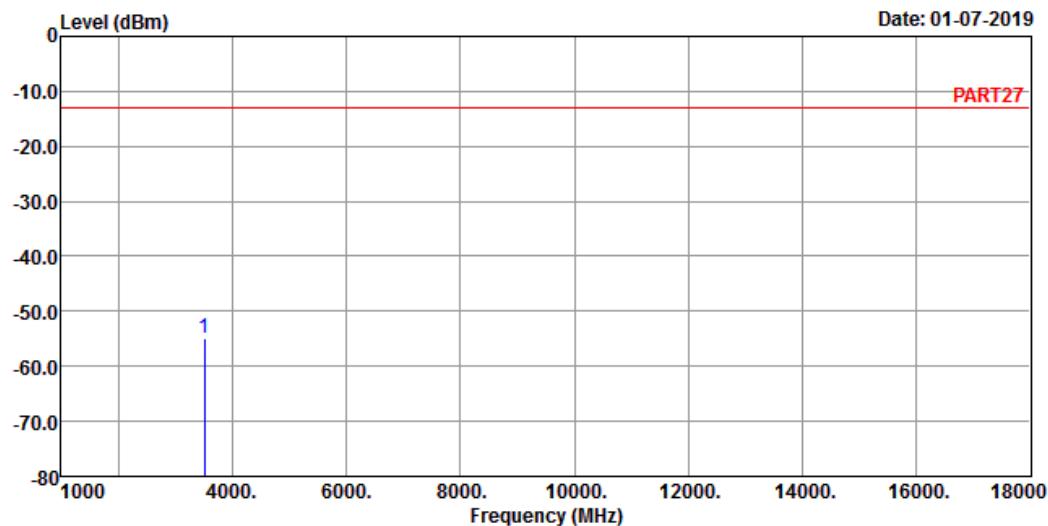
High Channel

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 1



Site : 966 Chamber 5

Condition: PART27 HORIZONTAL

Remak : LTE Band 4 QPSK_1.4M Link_H-CH

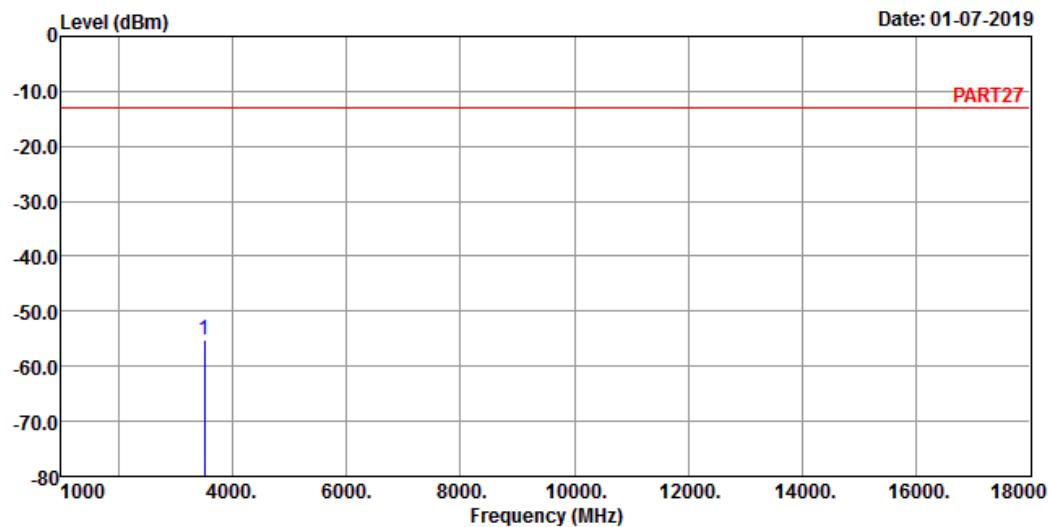
Tested by: Jisyong Wang

	Read	Limit	Over			
Freq	Level	Level	Line	Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp	3508.60	-54.90	-47.45	-13.00	-41.90	-7.45 Peak

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



Data: 2



Site : 966 Chamber 5

Condition: PART27 VERTICAL

Remak : LTE Band 4 QPSK_1.4M Link_H-CH

Tested by: Jisyong Wang

	Read	Limit	Over			
Freq	Level	Level	Line	Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	

1 pp 3508.60 -55.32 -47.87 -13.00 -42.32 -7.45 Peak

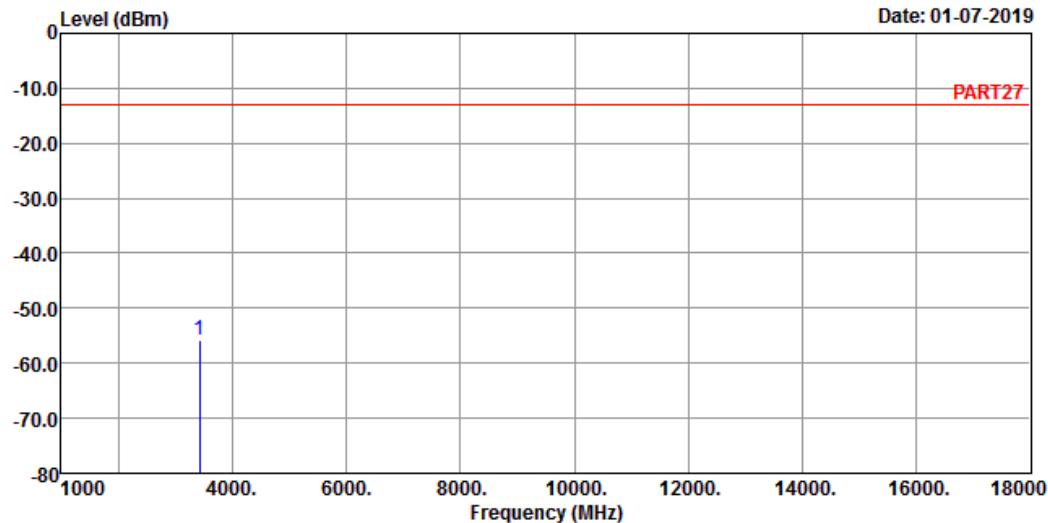
Channel Bandwidth: 5 MHz / QPSK
 Low Channel

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 1



Site : 966 Chamber 5

Condition: PART27 HORIZONTAL

Remak : LTE Band 4 QPSK_5M Link_L-CH

Tested by: Jisyong Wang

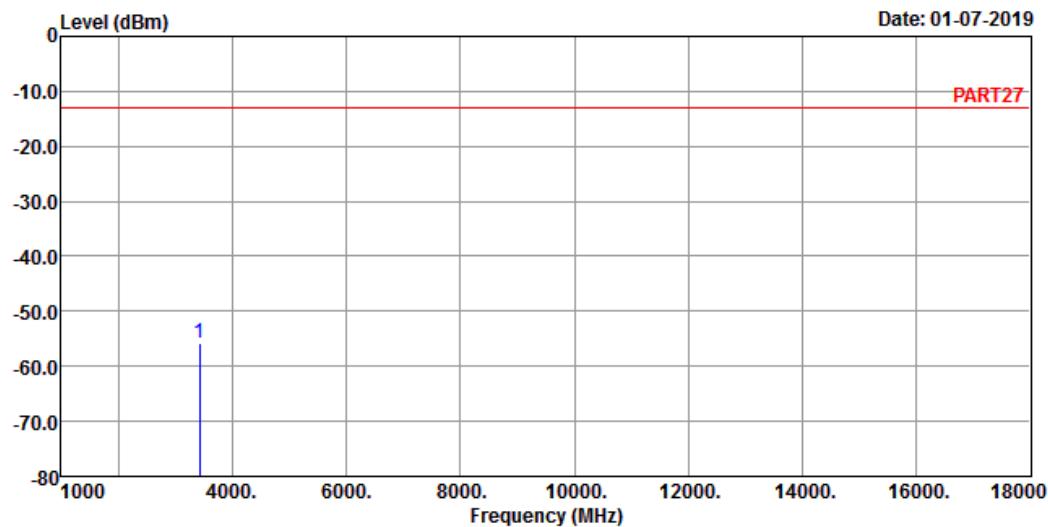
Freq	Read Level	Limit Level	Over Line	Over Limit	Factor	Remark
------	------------	-------------	-----------	------------	--------	--------

1 pp	3425.00	-55.65	-47.31	-13.00	-42.65	-8.34 Peak
------	---------	--------	--------	--------	--------	------------

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



Data: 2



Site : 966 Chamber 5

Condition: PART27 VERTICAL

Remak : LTE Band 4 QPSK_5M Link_L-CH

Tested by: Jisyong Wang

Freq	Level	Read	Limit	Over	Factor	Remark
		MHz	dBm	dBm		
1 pp	3425.00	-55.70	-47.36	-13.00	-42.70	-8.34 Peak

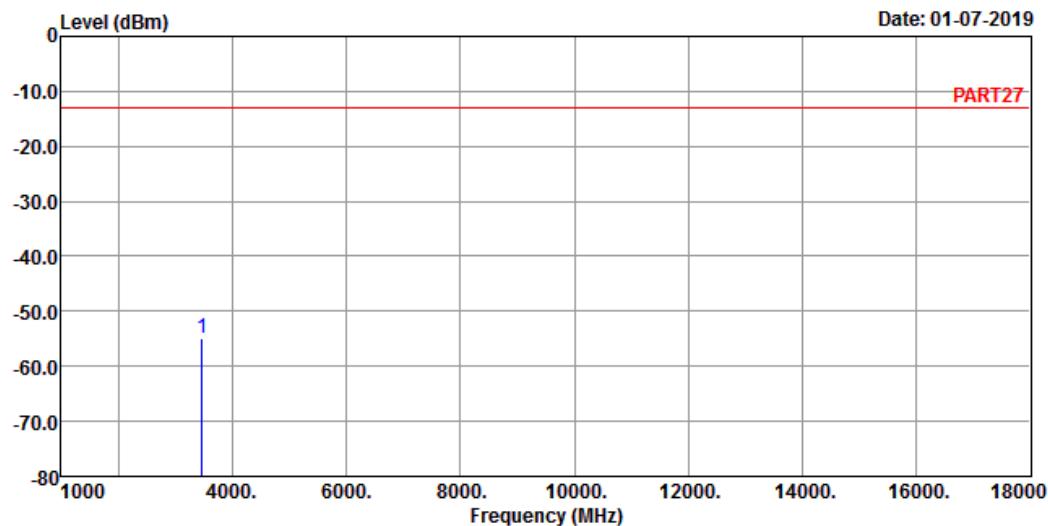
Middle Channel

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 1



Site : 966 Chamber 5

Condition: PART27 HORIZONTAL

Remak : LTE Band 4 QPSK_5M Link_M-CH

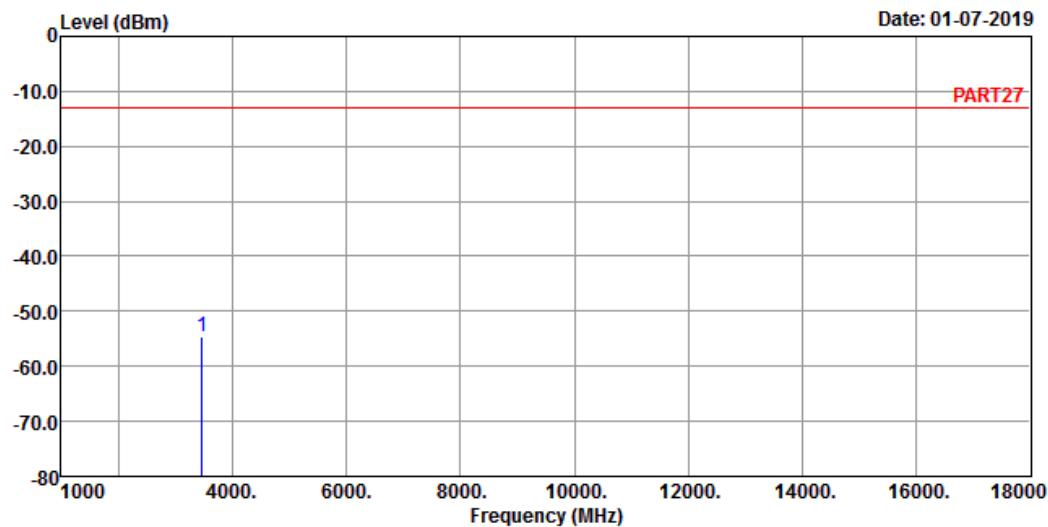
Tested by: Jisyong Wang

Freq	Level	Read	Limit	Over	Factor	Remark
		MHz	dBm	dBm	dBm	dB
1 pp	3465.00	-54.79	-46.91	-13.00	-41.79	-7.88 Peak

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



Data: 2



Site : 966 Chamber 5

Condition: PART27 VERTICAL

Remak : LTE Band 4 QPSK_5M Link_M-CH

Tested by: Jisyong Wang

	Read	Limit	Over	
Freq	Level	Level	Line	Limit Factor Remark
MHz	dBm	dBm	dBm	dB dB

1 pp 3465.00 -54.63 -46.75 -13.00 -41.63 -7.88 Peak

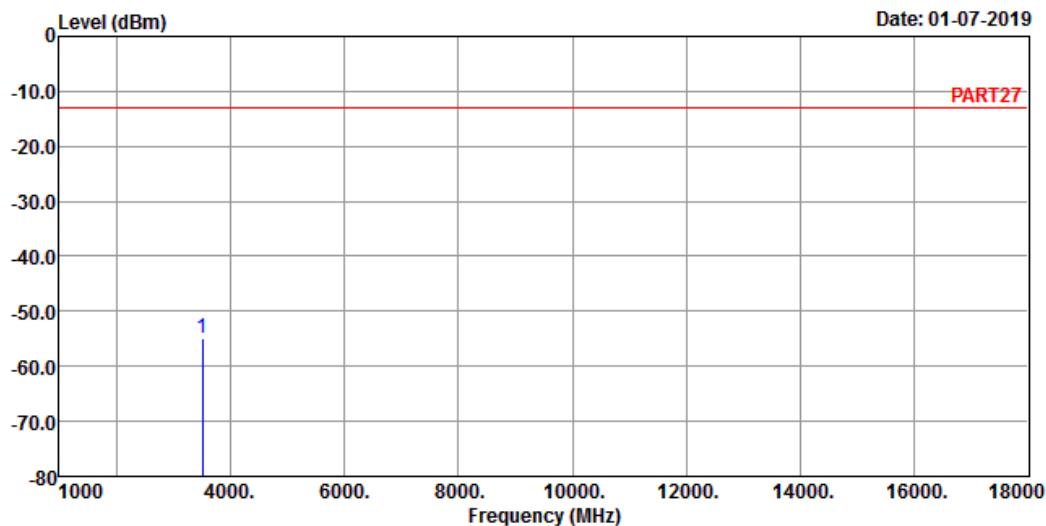
High Channel

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 1



Site : 966 Chamber 5

Condition: PART27 HORIZONTAL

Remak : LTE Band 4 QPSK_5M Link_H-CH

Tested by: Jisyong Wang

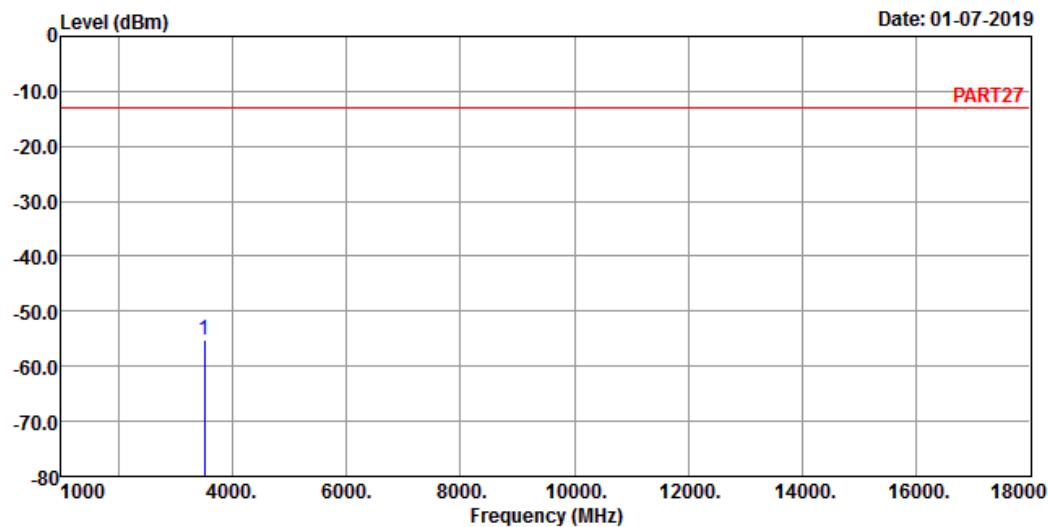
Freq	Read Level	Limit Level	Over Line	Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	

1 pp 3505.00 -54.90 -47.45 -13.00 -41.90 -7.45 Peak

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



Data: 2



Site : 966 Chamber 5

Condition: PART27 VERTICAL

Remak : LTE Band 4 QPSK_5M Link_H-CH

Tested by: Jisyong Wang

Freq	Read	Limit	Over	Factor	Remark
	Level	Level	Line		
MHz	dBm	dBm	dBm	dB	dB
1 pp	3505.00	-55.24	-47.79	-13.00	-42.24 -7.45 Peak

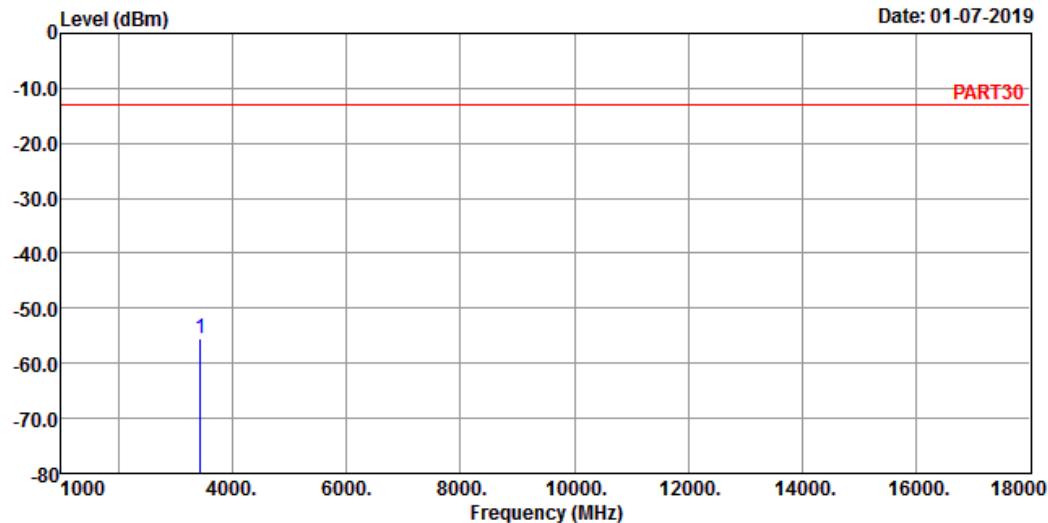
Channel Bandwidth: 20 MHz / QPSK
 Low Channel

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 1



Site : 966 Chamber 5
 Condition: PART30 HORIZONTAL
 Remak : LTE Band 4 QPSK_20M Link_L-CH
 Tested by: Jisyong Wang

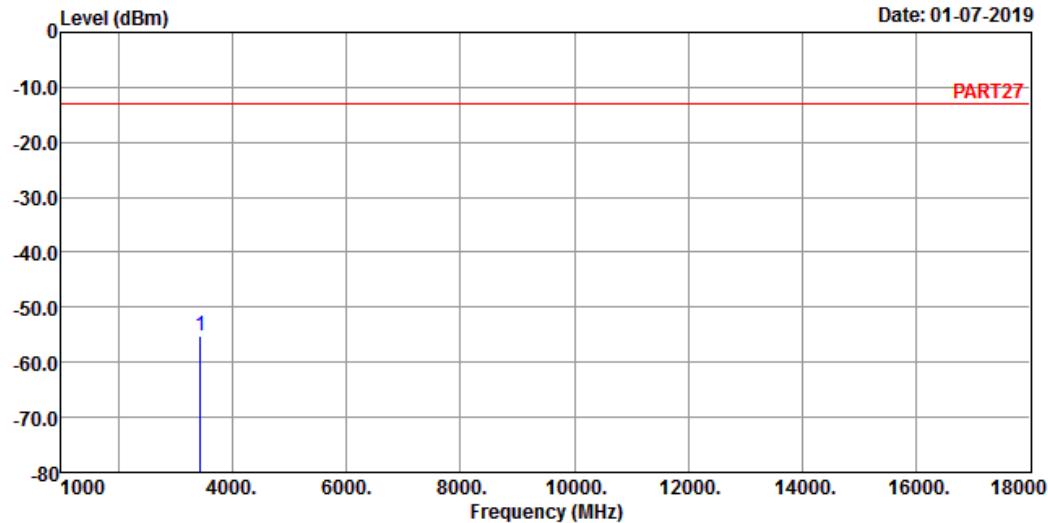
Freq	Level	Read	Limit	Over	Factor	Remark
		MHz	dBm	dBm		
1 pp	3440.00	-55.56	-47.34	-13.00	-42.56	-8.22 Peak

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 2



Site : 966 Chamber 5

Condition: PART27 VERTICAL

Remak : LTE Band 4 QPSK_20M Link_L-CH

Tested by: Jisyong Wang

Freq	Read Level	Limit Level	Over Line	Over Factor	Remark
MHz	dBm	dBm	dBm	dB	
1 pp 3440.00	-55.35	-47.13	-13.00	-42.35	-8.22 Peak

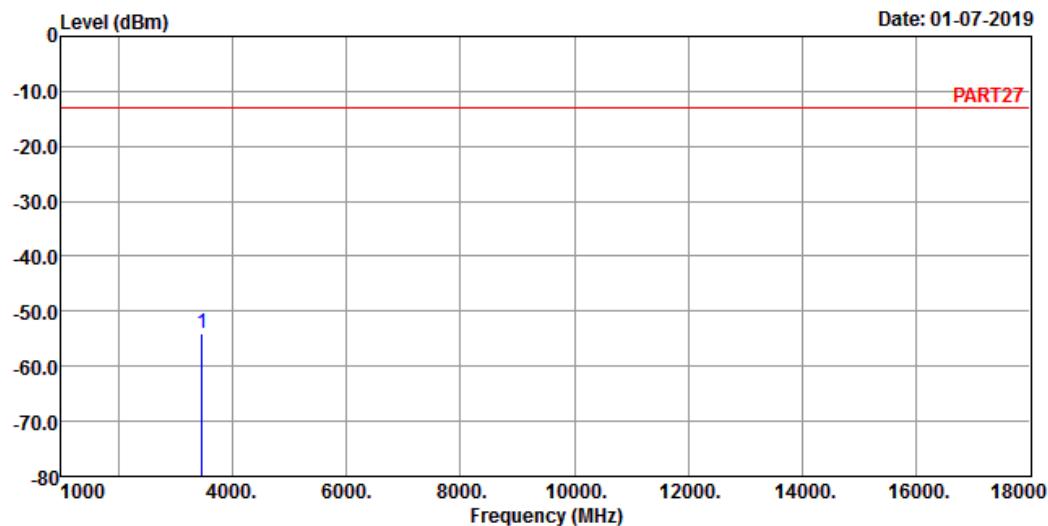
Middle Channel

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 1



Site : 966 Chamber 5

Condition: PART27 HORIZONTAL

Remak : LTE Band 4 QPSK_20M Link_M-CH

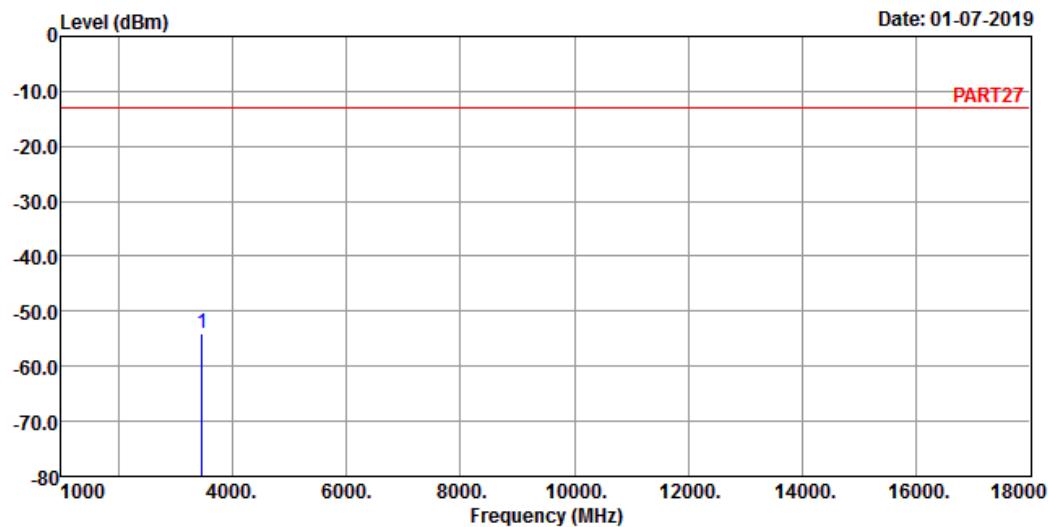
Tested by: Jisyong Wang

Freq	Read	Limit	Over	Factor		Remark
	Level	Level	Line	Limit	Factor	
MHz	dBm	dBm	dBm	dB	dB	
1 pp	3465.00	-54.10	-46.22	-13.00	-41.10	-7.88 Peak

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



Data: 2



Site : 966 Chamber 5

Condition: PART27 VERTICAL

Remak : LTE Band 4 QPSK_20M Link_M-CH

Tested by: Jisyong Wang

Freq	Level	Read	Limit	Over	Factor	Remark
		MHz	dBm	dBm		
1 pp	3465.00	-53.93	-46.05	-13.00	-40.93	-7.88 Peak

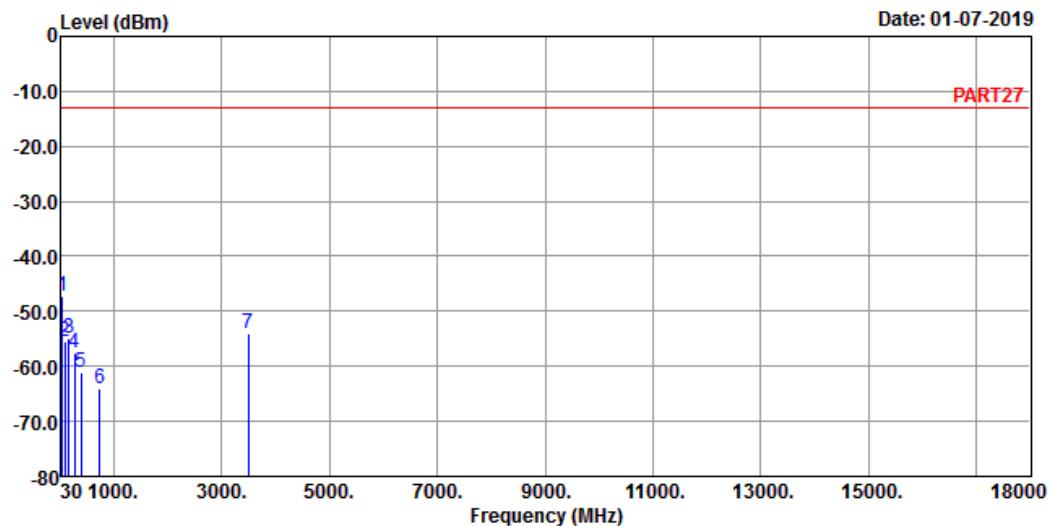
High Channel

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 5



Site : 966 Chamber 5

Condition: PART27 HORIZONTAL

Remak : LTE Band 4 QPSK_20M Link_H-CH

Tested by: Jisyong Wang

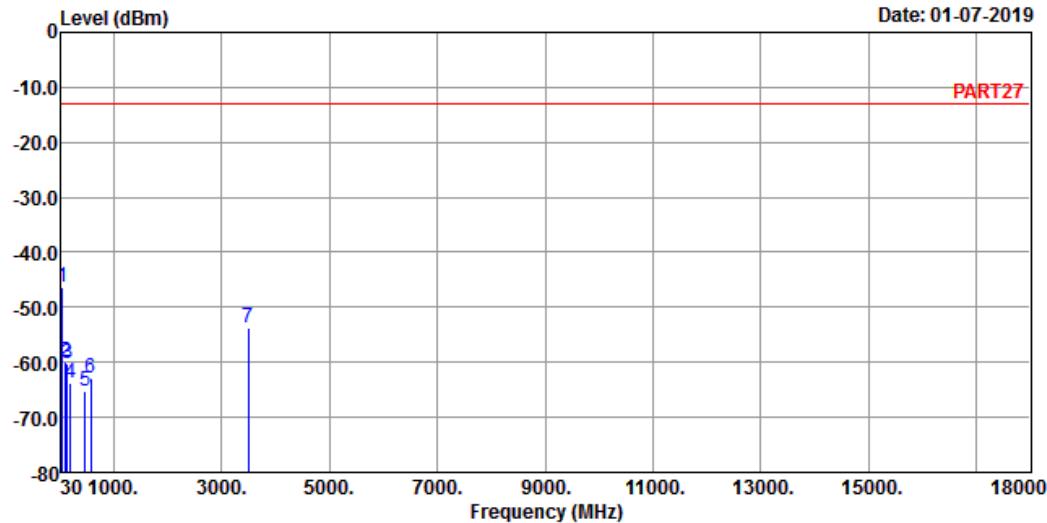
Freq	Level	Read	Limit	Over	Factor	Remark
		MHz	dBm	dBm	Line	Limit
1 pp	43.58	-47.32	-45.85	-13.00	-34.32	-1.47 Peak
2	92.08	-55.45	-44.45	-13.00	-42.45	-11.00 Peak
3	162.89	-54.96	-49.91	-13.00	-41.96	-5.05 Peak
4	273.47	-57.56	-51.09	-13.00	-44.56	-6.47 Peak
5	398.60	-61.17	-55.22	-13.00	-48.17	-5.95 Peak
6	742.95	-64.04	-64.79	-13.00	-51.04	0.75 Peak
7	3490.00	-54.00	-46.35	-13.00	-41.00	-7.65 Peak

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 6



Site : 966 Chamber 5

Condition: PART27 VERTICAL

Remak : LTE Band 4 QPSK_20M Link_H-CH

Tested by: Jisyong Wang

Freq	Read Level	Limit Level	Read	Limit	Over	Factor	Remark
			MHz	dBm	dBm		
1 pp	43.58	-46.47	-45.00	-13.00	-33.47	-1.47	Peak
2	112.45	-59.87	-49.67	-13.00	-46.87	-10.20	Peak
3	144.46	-60.34	-52.18	-13.00	-47.34	-8.16	Peak
4	202.66	-63.89	-55.99	-13.00	-50.89	-7.90	Peak
5	478.14	-65.18	-60.15	-13.00	-52.18	-5.03	Peak
6	573.20	-62.86	-60.98	-13.00	-49.86	-1.88	Peak
7	3490.00	-53.73	-46.08	-13.00	-40.73	-7.65	Peak

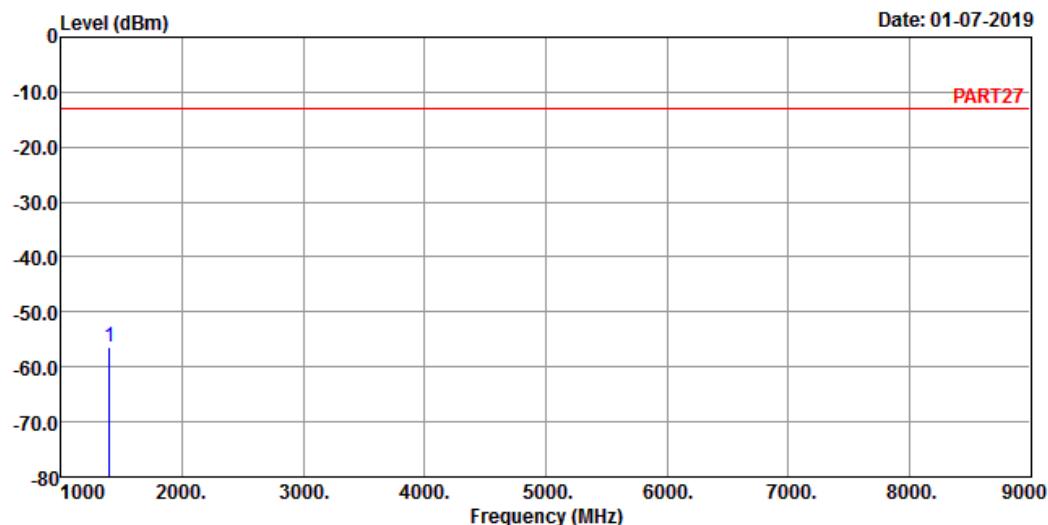
LTE Band 12
Channel Bandwidth: 1.4 MHz / QPSK
Low Channel

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 1



Site : 966 Chamber 5

Condition: PART27 HORIZONTAL

Remak : LTE Band 12 QPSK_1.4M Link_L-CH

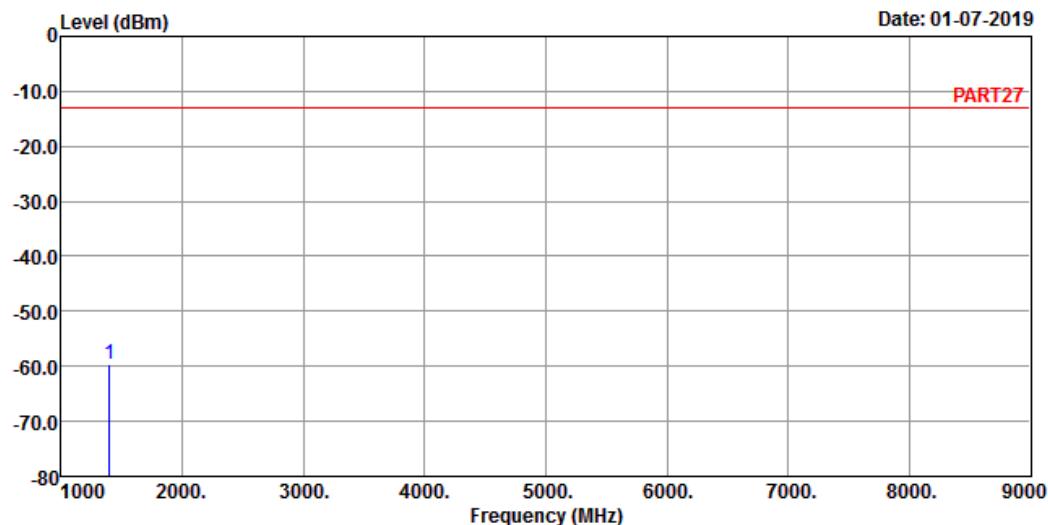
Tested by: Jisyong Wang

	Read	Limit	Over			
Freq	Level	Line	Limit Factor	Remark		
MHz	dBm	dBm	dBm	dB	dB	
1 pp	1399.40	-56.41	-44.56	-13.00	-43.41	-11.85 Peak

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



Data: 2



Site : 966 Chamber 5

Condition: PART27 VERTICAL

Remak : LTE Band 12 QPSK_1.4M Link_L-CH

Tested by: Jisyong Wang

	Read	Limit	Over	
Freq	Level	Level	Line	Limit Factor Remark
MHz	dBm	dBm	dBm	dB dB

1 pp 1399.40 -59.59 -47.74 -13.00 -46.59 -11.85 Peak

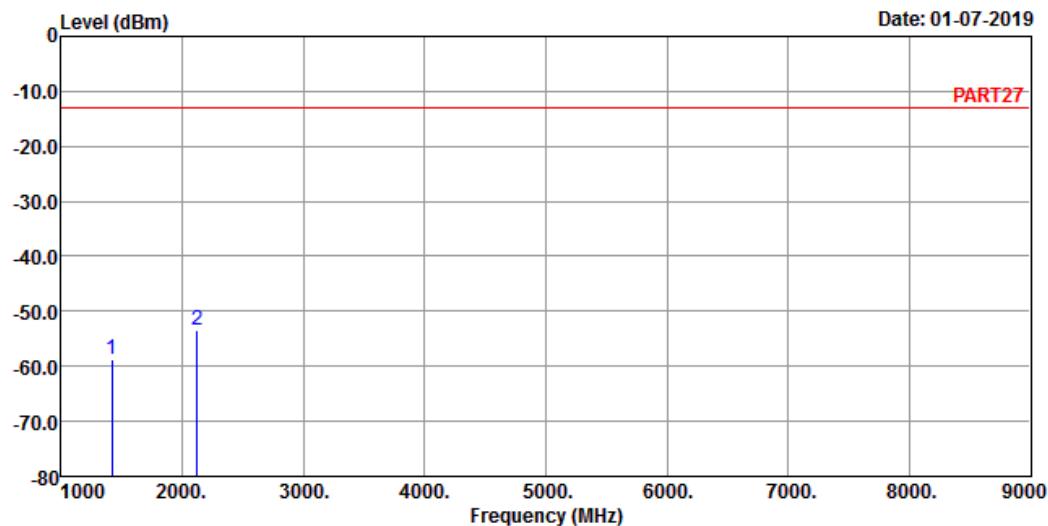
Middle Channel

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 1



Site : 966 Chamber 5

Condition: PART27 HORIZONTAL

Remak : LTE Band 12 QPSK_1.4M Link_M-CH

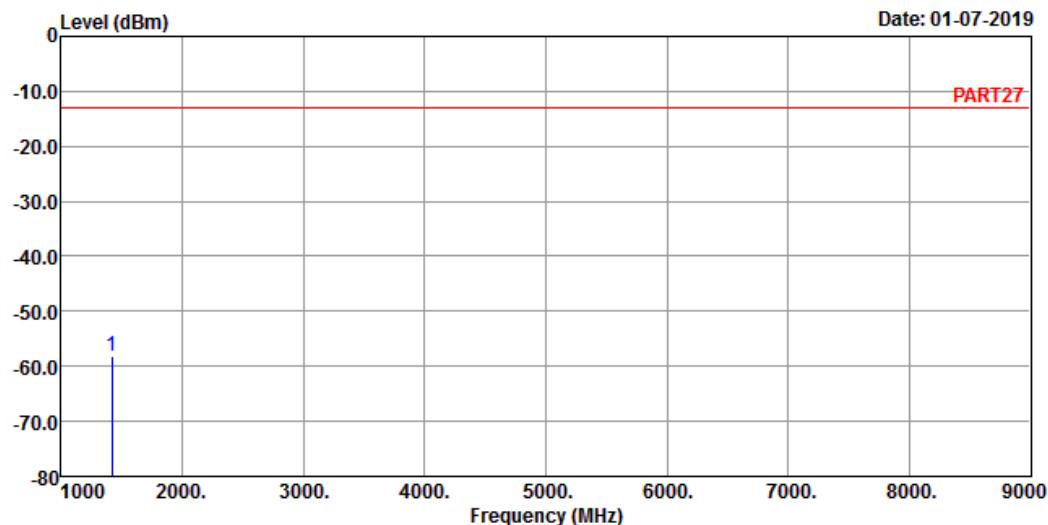
Tested by: Jisyong Wang

	Read	Limit	Over			
Freq	Level	Level	Line	Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	
1	1415.00	-58.86	-46.78	-13.00	-45.86	-12.08 Peak
2 pp	2122.50	-53.34	-43.47	-13.00	-40.34	-9.87 Peak

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



Data: 2



Site : 966 Chamber 5

Condition: PART27 VERTICAL

Remak : LTE Band 12 QPSK_1.4M Link_M-CH

Tested by: Jisyong Wang

	Read	Limit	Over	
Freq	Level	Level	Line	Limit Factor Remark
MHz	dBm	dBm	dBm	dB dB

1 pp 1415.00 -58.16 -46.08 -13.00 -45.16 -12.08 Peak

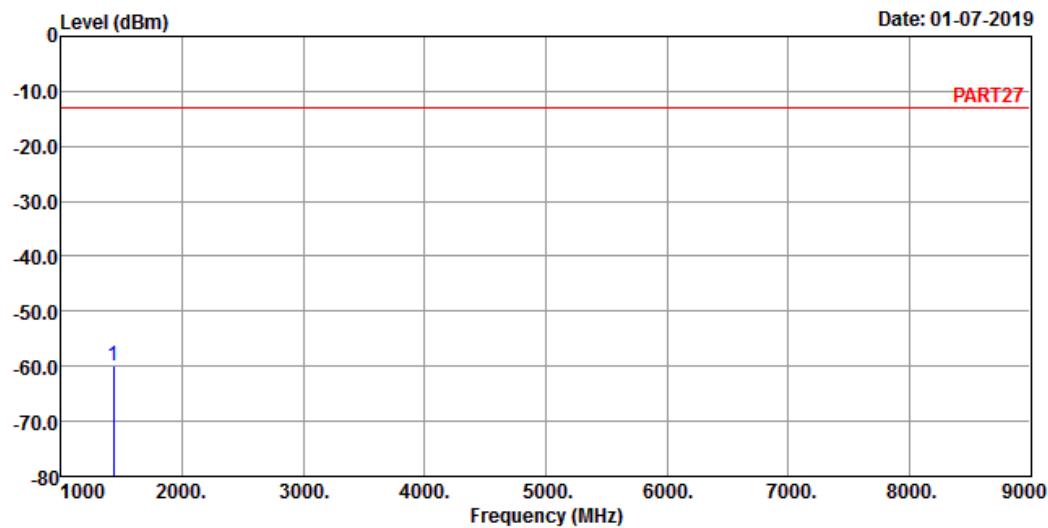
High Channel

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 1



Site : 966 Chamber 5

Condition: PART27 HORIZONTAL

Remak : LTE Band 12 QPSK_1.4M Link_H-CH

Tested by: Jisyong Wang

	Read	Limit	Over
Freq	Level	Level	Line

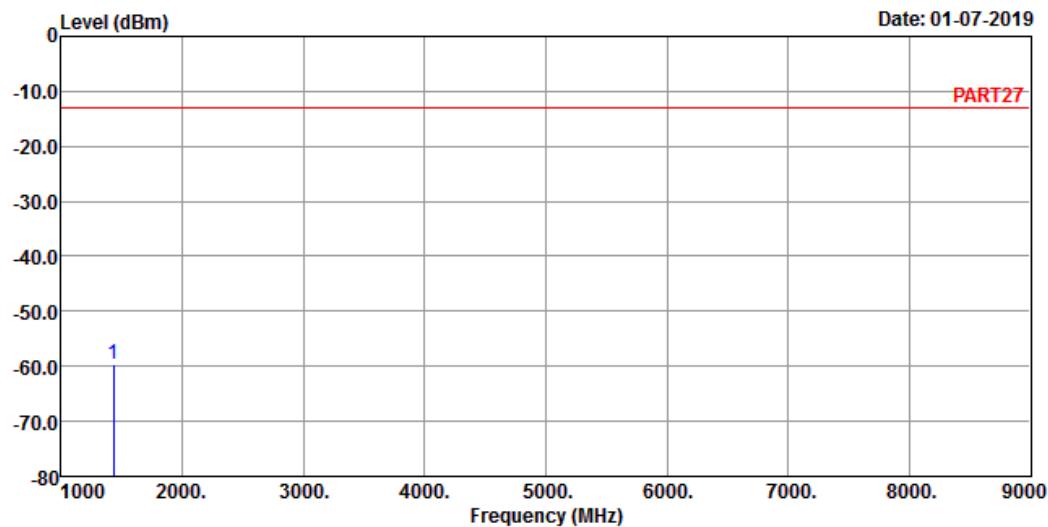
Freq	Level	Level	Line	Limit	Factor	Remark
------	-------	-------	------	-------	--------	--------

1 pp	1430.60	-59.92	-47.61	-13.00	-46.92	-12.31	Peak
------	---------	--------	--------	--------	--------	--------	------

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



Data: 2



Site : 966 Chamber 5

Condition: PART27 VERTICAL

Remak : LTE Band 12 QPSK_1.4M Link_H-CH

Tested by: Jisyong Wang

	Read	Limit	Over	
Freq	Level	Level	Line	Limit Factor Remark
MHz	dBm	dBm	dBm	dB dB

1 pp 1430.60 -59.62 -47.31 -13.00 -46.62 -12.31 Peak

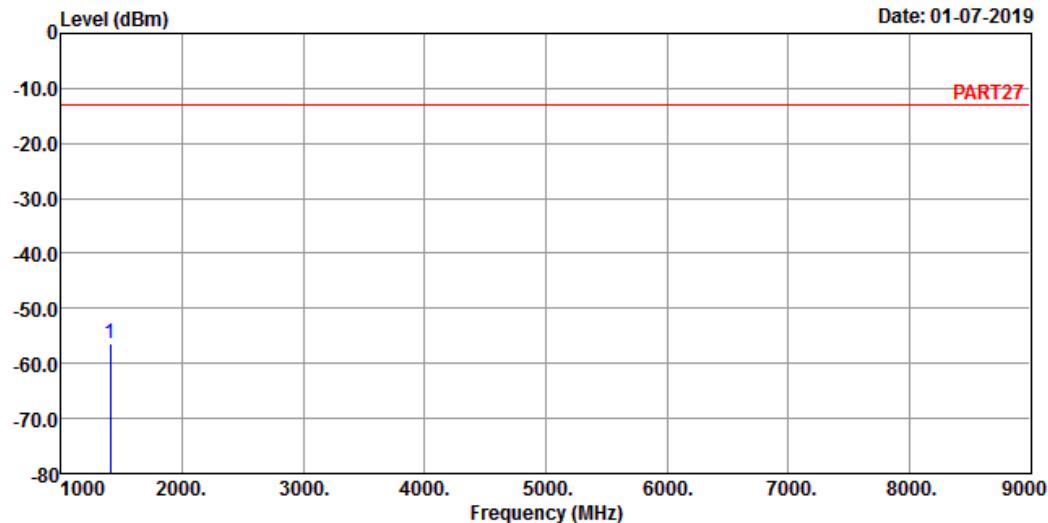
Channel Bandwidth: 5 MHz / QPSK
 Low Channel

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 1



Site : 966 Chamber 5

Condition: PART27 HORIZONTAL

Remak : LTE Band 12 QPSK_5M Link_L-CH

Tested by: Jisyong Wang

Freq	Read Level	Limit Level	Over Line	Limit	Factor	Remark
------	------------	-------------	-----------	-------	--------	--------

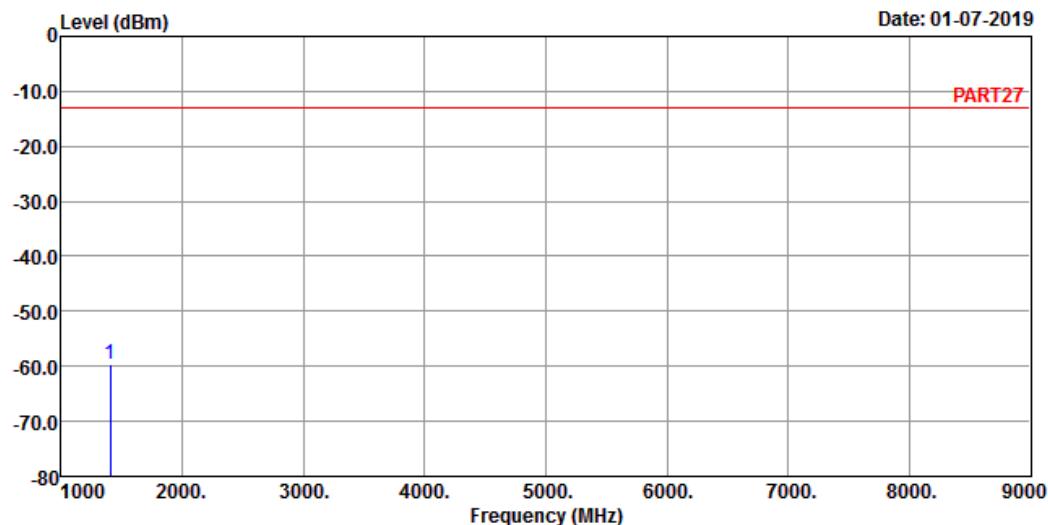
MHz	dBm	dBm	dBm	dB	dB	
-----	-----	-----	-----	----	----	--

1 pp 1403.00 -56.32 -44.41 -13.00 -43.32 -11.91 Peak

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



Data: 2



Site : 966 Chamber 5

Condition: PART27 VERTICAL

Remak : LTE Band 12 QPSK_5M Link_L-CH

Tested by: Jisyong Wang

Read	Limit	Over				
Freq	Level	Level	Line	Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	

1 pp 1403.00 -59.51 -47.60 -13.00 -46.51 -11.91 Peak

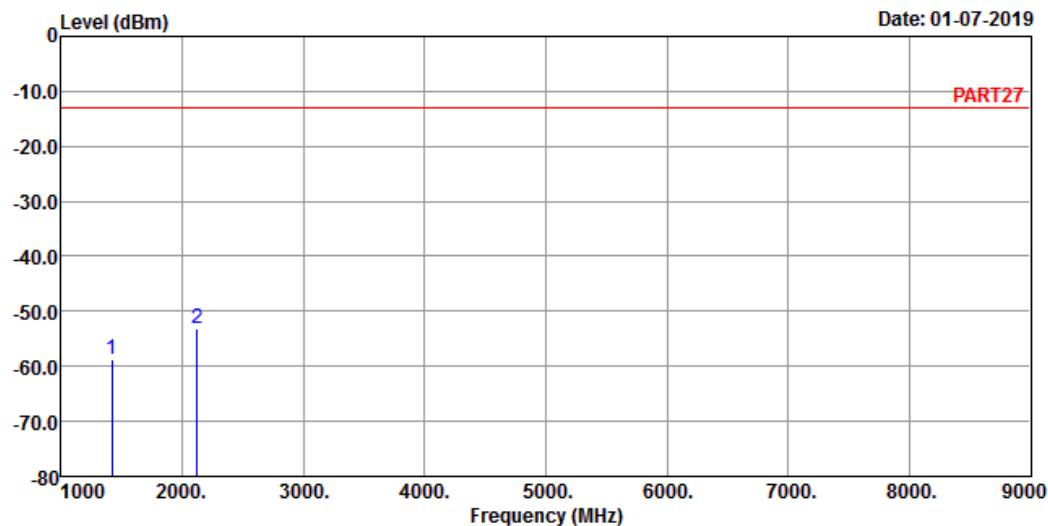
Middle Channel

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 1



Site : 966 Chamber 5

Condition: PART27 HORIZONTAL

Remak : LTE Band 12 QPSK_5M Link_M-CH

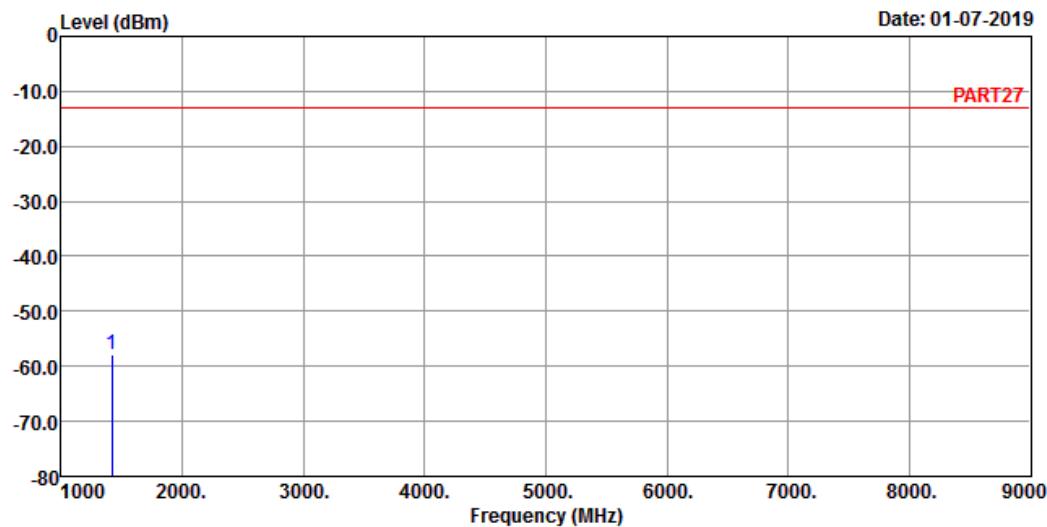
Tested by: Jisyong Wang

	Read	Limit	Over			
Freq	Level	Level	Line	Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	
1	1415.00	-58.82	-46.74	-13.00	-45.82	-12.08 Peak
2 pp	2122.50	-53.12	-43.25	-13.00	-40.12	-9.87 Peak

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



Data: 2



Site : 966 Chamber 5

Condition: PART27 VERTICAL

Remak : LTE Band 12 QPSK_5M Link_M-CH

Tested by: Jisyong Wang

	Read	Limit	Over	
Freq	Level	Level	Line	Limit Factor Remark
MHz	dBm	dBm	dBm	dB dB

1 pp 1415.00 -57.91 -45.83 -13.00 -44.91 -12.08 Peak

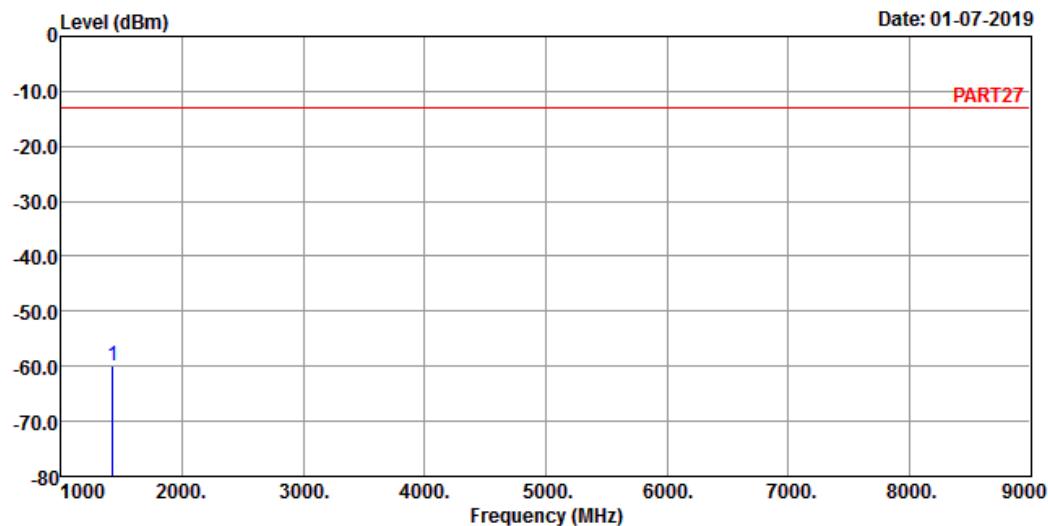
High Channel

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 1



Site : 966 Chamber 5

Condition: PART27 HORIZONTAL

Remak : LTE Band 12 QPSK_5M Link_H-CH

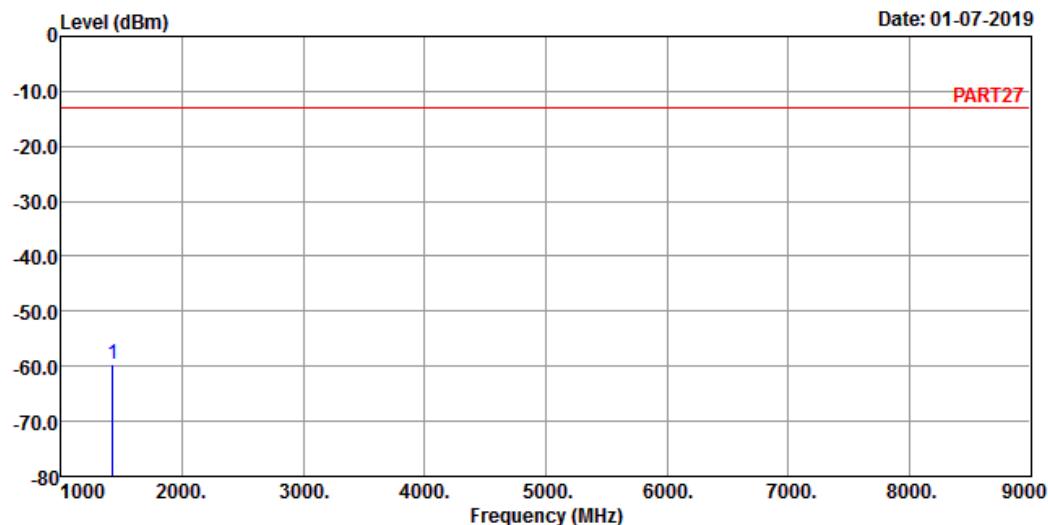
Tested by: Jisyong Wang

	Read	Limit	Over			
Freq	Level	Level	Line	Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp	1427.00	-60.01	-47.76	-13.00	-47.01	-12.25 Peak

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



Data: 2



Site : 966 Chamber 5

Condition: PART27 VERTICAL

Remak : LTE Band 12 QPSK_5M Link_H-CH

Tested by: Jisyong Wang

	Read	Limit	Over	
Freq	Level	Level	Line	Limit Factor Remark
MHz	dBm	dBm	dBm	dB dB

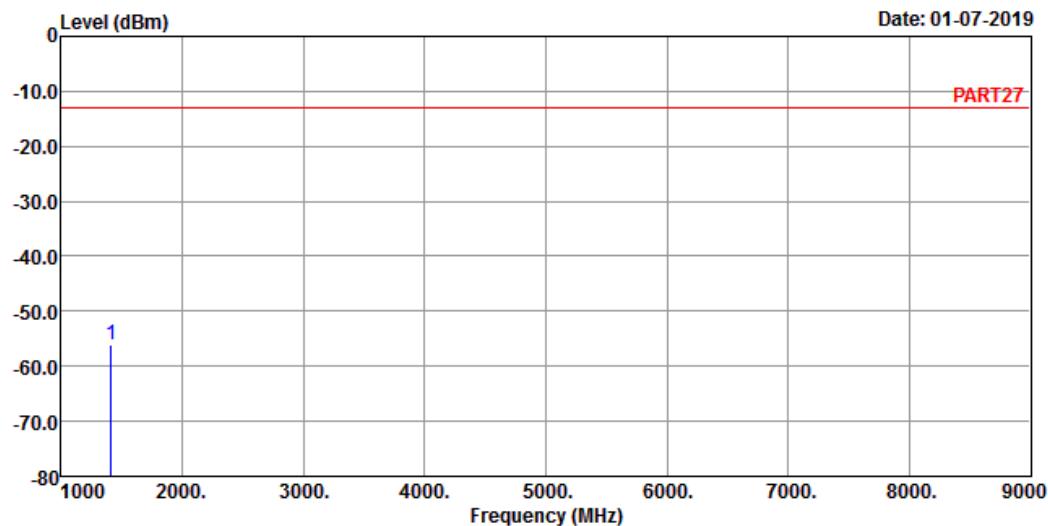
1 pp 1427.00 -59.70 -47.45 -13.00 -46.70 -12.25 Peak

Channel Bandwidth: 10 MHz / QPSK
Low Channel

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



Data: 1



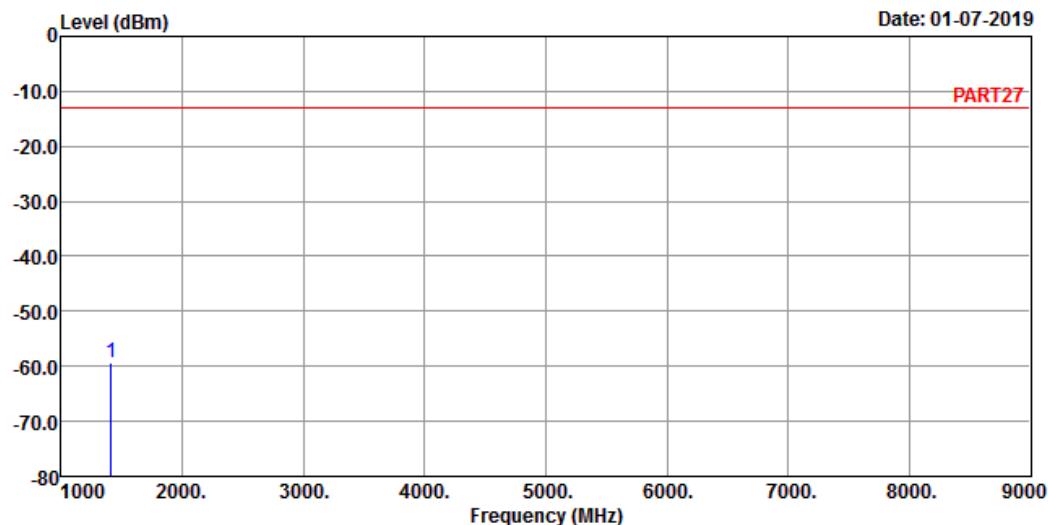
Site : 966 Chamber 5
Condition: PART27 HORIZONTAL
Remak : LTE Band 12 QPSK_10M Link_L-CH
Tested by: Jisyong Wang

Freq	Level	Read	Limit	Over	Factor	Remark
		MHz	dBm	dBm	dB	dB
1 pp	1408.00	-56.13	-44.17	-13.00	-43.13	-11.96 Peak

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



Data: 2



Site : 966 Chamber 5

Condition: PART27 VERTICAL

Remak : LTE Band 12 QPSK_10M Link_L-CH

Tested by: Jisyong Wang

	Read	Limit	Over	
Freq	Level	Level	Line	Limit Factor Remark
MHz	dBm	dBm	dBm	dB dB

1 pp 1408.00 -59.25 -47.29 -13.00 -46.25 -11.96 Peak

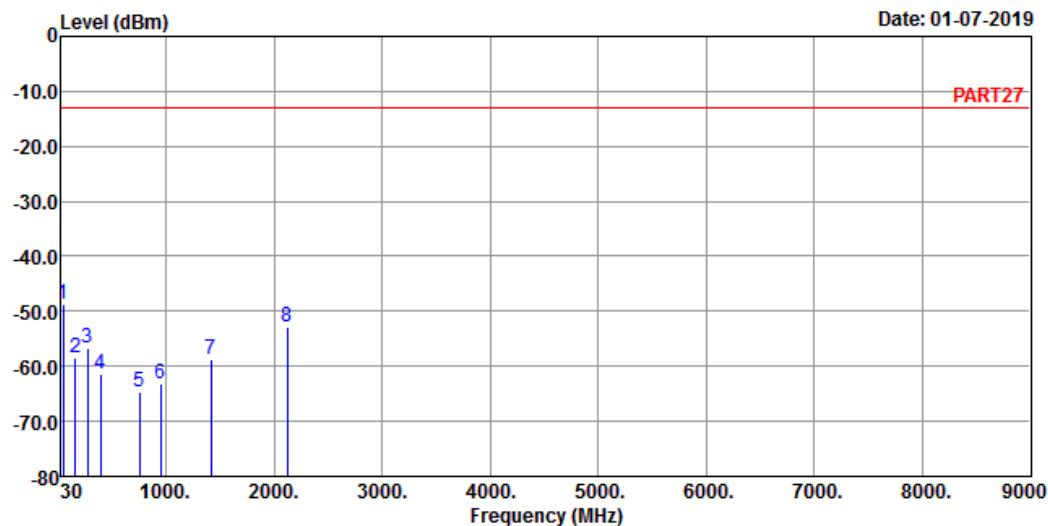
Middle Channel

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 5



Site : 966 Chamber 5

Condition: PART27 HORIZONTAL

Remak : LTE Band 12 QPSK_10M Link_M-CH

Tested by: Jisyong Wang

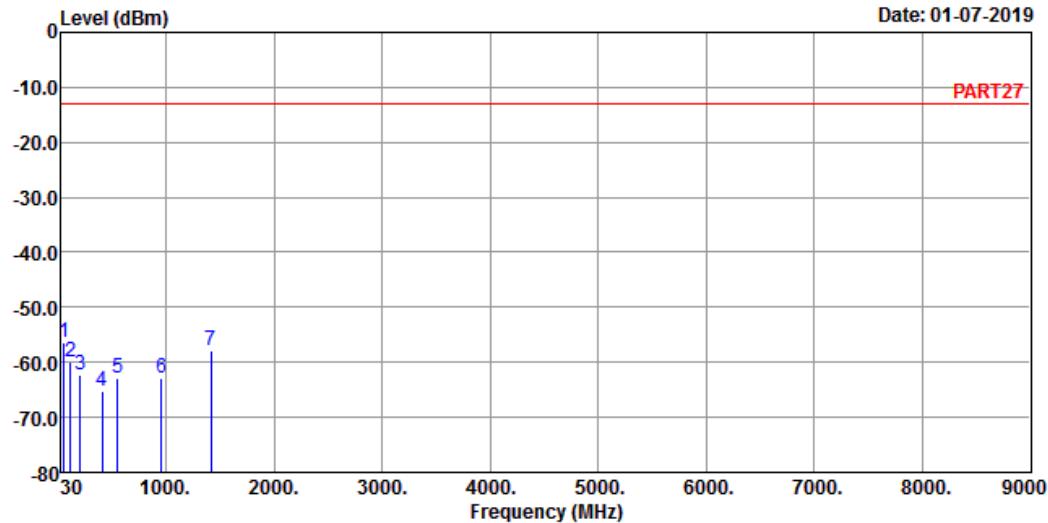
	Read Freq	Level MHz	Limit dBm	Over Line dB	Limit dB	Factor	Remark
1 pp	44.55	-48.64	-46.65	-13.00	-35.64	-1.99	Peak
2	162.89	-58.48	-53.43	-13.00	-45.48	-5.05	Peak
3	274.44	-56.81	-50.32	-13.00	-43.81	-6.49	Peak
4	393.75	-61.28	-55.30	-13.00	-48.28	-5.98	Peak
5	752.65	-64.52	-65.39	-13.00	-51.52	0.87	Peak
6	945.68	-63.12	-64.82	-13.00	-50.12	1.70	Peak
7	1415.00	-58.76	-46.68	-13.00	-45.76	-12.08	Peak
8	2122.50	-52.83	-42.96	-13.00	-39.83	-9.87	Peak

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 6



Site : 966 Chamber 5

Condition: PART27 VERTICAL

Remak : LTE Band 12 QPSK_10M Link_M-CH

Tested by: Jisyong Wang

Freq	Level	Read	Limit	Over	Factor	Remark
		MHz	dBm	dBm		
1 pp	52.31	-56.31	-50.77	-13.00	-43.31	-5.54 Peak
2	113.42	-59.95	-49.80	-13.00	-46.95	-10.15 Peak
3	202.66	-62.35	-54.45	-13.00	-49.35	-7.90 Peak
4	407.33	-65.15	-59.26	-13.00	-52.15	-5.89 Peak
5	552.83	-63.02	-60.29	-13.00	-50.02	-2.73 Peak
6	957.32	-62.94	-65.01	-13.00	-49.94	2.07 Peak
7	1415.00	-57.77	-45.69	-13.00	-44.77	-12.08 Peak

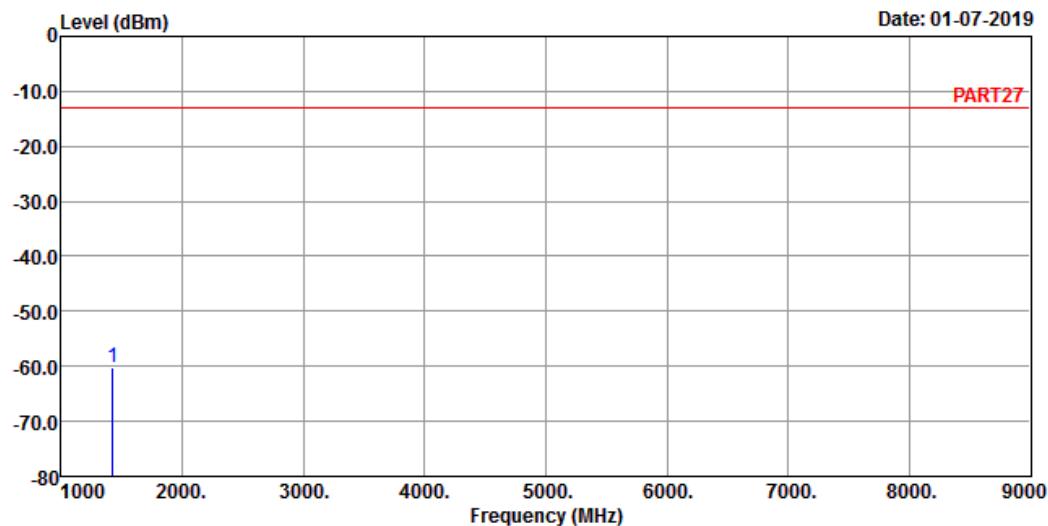
High Channel

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 1



Site : 966 Chamber 5

Condition: PART27 HORIZONTAL

Remak : LTE Band 12 QPSK_10M Link_H-CH

Tested by: Jisyong Wang

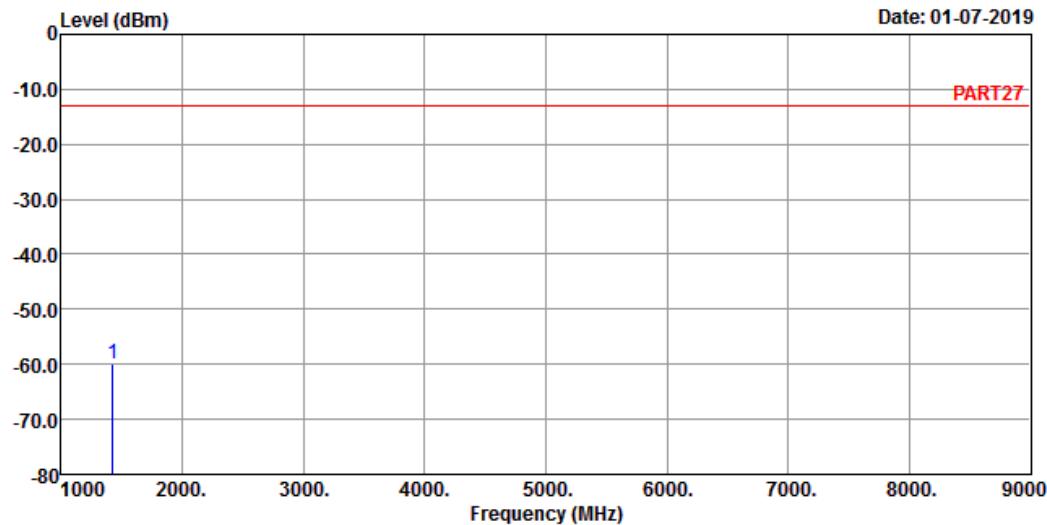
	Read	Limit	Over			
Freq	Level	Level	Line	Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp	1422.00	-60.14	-47.95	-13.00	-47.14	-12.19 Peak

Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



A D T

Data: 2



Site : 966 Chamber 5

Condition: PART27 VERTICAL

Remak : LTE Band 12 QPSK_10M Link_H-CH

Tested by: Jisyong Wang

	Read	Limit	Over	
Freq	Level	Level	Line	Limit Factor Remark
MHz	dBm	dBm	dBm	dB dB

1 pp 1422.00 -59.79 -47.60 -13.00 -46.79 -12.19 Peak

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:

Linko EMC/RF Lab

Tel: 886-2-26052180
Fax: 886-2-26051924

Hsin Chu EMC/RF/Telecom Lab

Tel: 886-3-6668565
Fax: 886-3-6668323

Hwa Ya EMC/RF/Safety

Tel: 886-3-3183232
Fax: 886-3-3270892

Email: service.adt@tw.bureauveritas.com

Web Site: www.bureauveritas-adt.com

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

--- END ---