

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.
- b. For operations in the 775-788 MHz, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz. The limit of emissions is equal to -40 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. $EIRP = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn}$.
- d. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, $E.R.P \text{ power} = E.I.R.P \text{ power} - 2.15 \text{ dB}$.

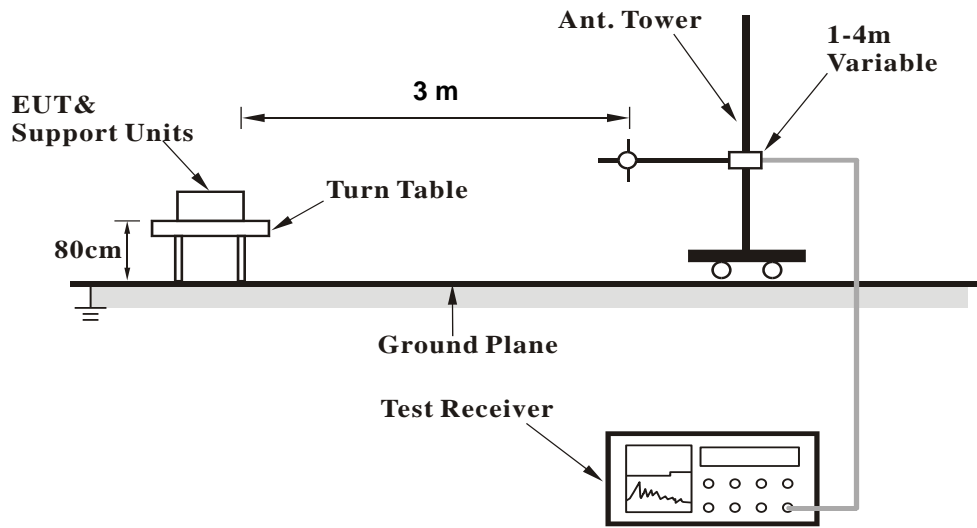
Note: The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz.

4.8.3 Deviation from Test Standard

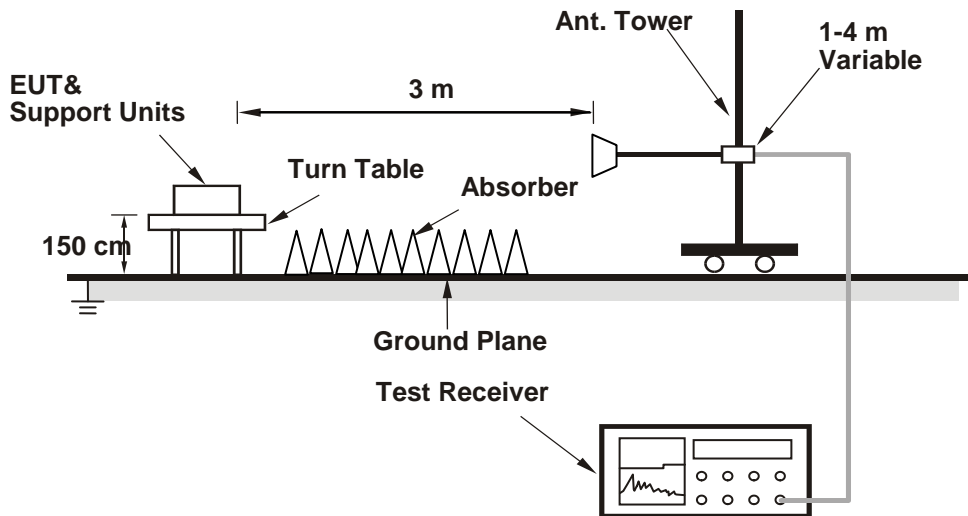
No deviation.

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

LTE Band 4

Channel Bandwidth: 1.4 MHz / QPSK

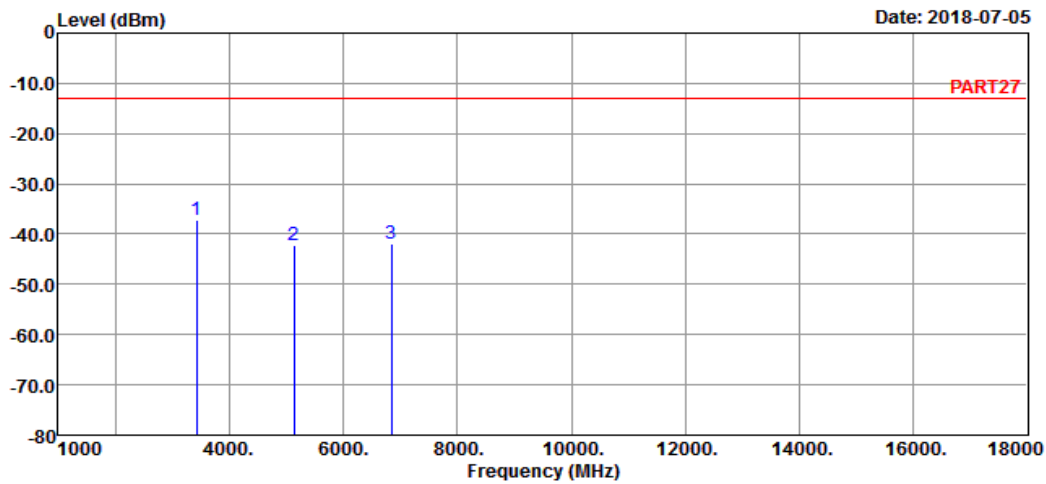
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : Cat-M1 Band 4 QPSK_1.4M Link_L-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	3421.40	-37.26	-28.92	-13.00	-24.26	-8.34	Peak
2	5132.10	-42.16	-40.42	-13.00	-29.16	-1.74	Peak
3	6842.80	-41.83	-44.14	-13.00	-28.83	2.31	Peak

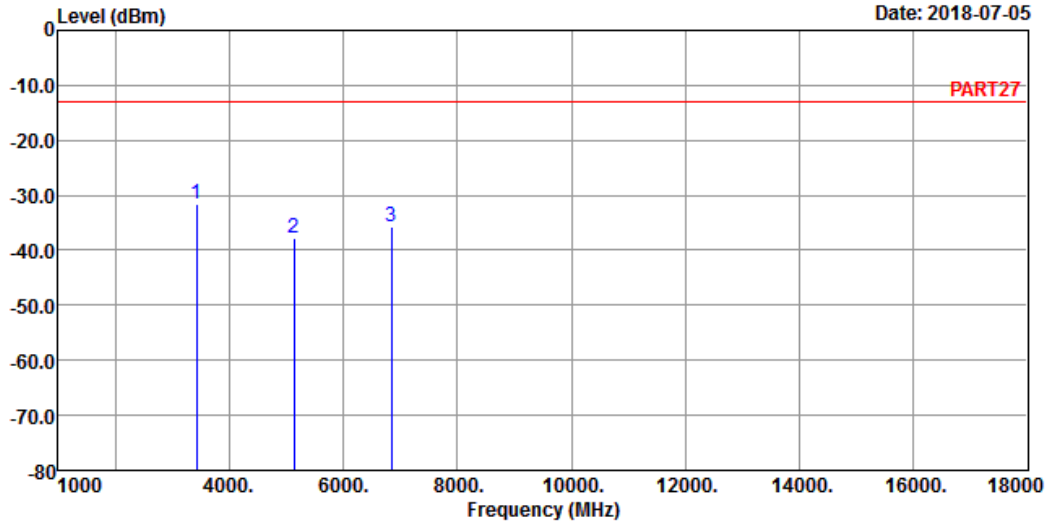


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 2

Date: 2018-07-05



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 4 QPSK_1.4M Link_L-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	3421.40	-31.72	-23.38	-13.00	-18.72	-8.34	Peak
2	5132.10	-37.70	-35.96	-13.00	-24.70	-1.74	Peak
3	6842.80	-35.62	-37.93	-13.00	-22.62	2.31	Peak

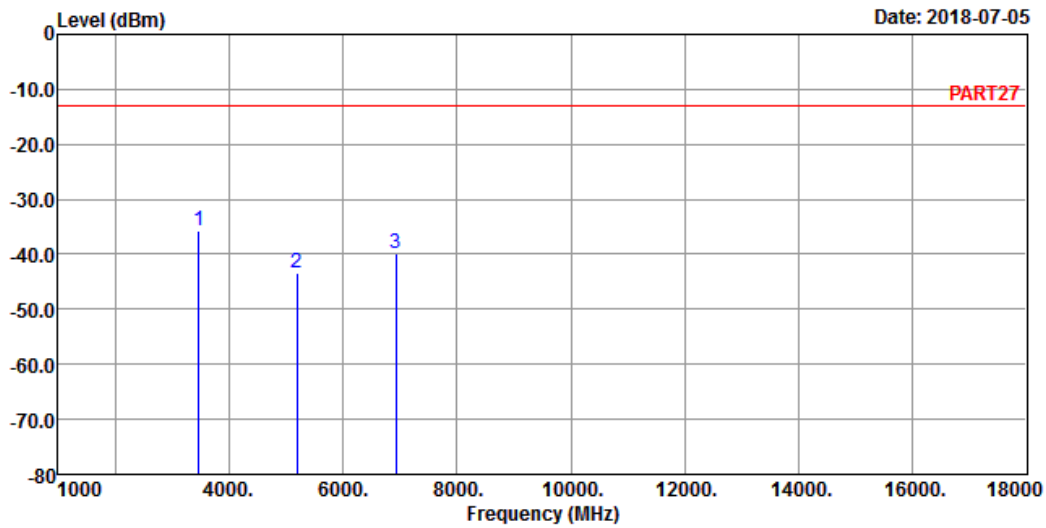
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : Cat-M1 Band 4 QPSK_1.4M Link_M-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	3465.00	-35.77	-27.89	-13.00	-22.77	-7.88	Peak
2	5197.50	-43.44	-41.37	-13.00	-30.44	-2.07	Peak
3	6930.00	-39.98	-42.67	-13.00	-26.98	2.69	Peak

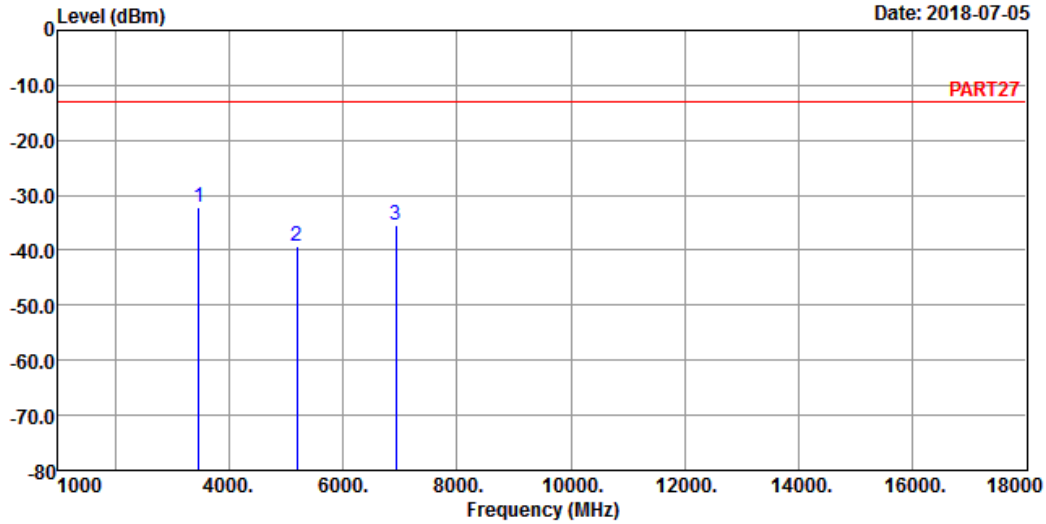


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A D T

Data: 2

Date: 2018-07-05



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 4 QPSK_1.4M Link_M-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	3465.00	-32.18	-24.30	-13.00	-19.18	-7.88	Peak
2	5197.50	-39.36	-37.29	-13.00	-26.36	-2.07	Peak
3	6930.00	-35.45	-38.14	-13.00	-22.45	2.69	Peak

High Channel

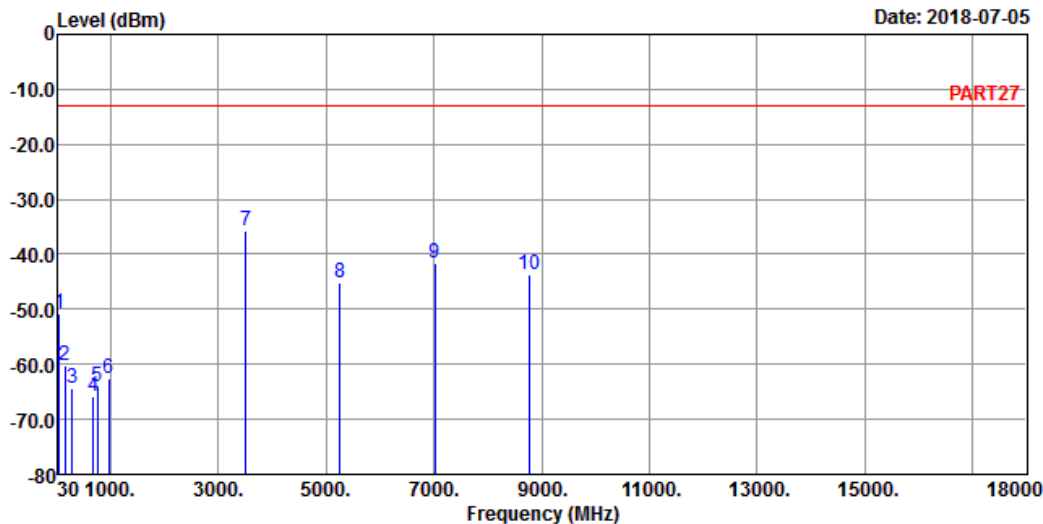


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5

Date: 2018-07-05



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : Cat-M1 Band 4 QPSK_1.4M Link_H-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	44.55	-50.66	-48.67	-13.00	-37.66	-1.99	Peak
2	161.92	-60.22	-55.24	-13.00	-47.22	-4.98	Peak
3	296.75	-64.33	-57.38	-13.00	-51.33	-6.95	Peak
4	683.78	-65.76	-65.40	-13.00	-52.76	-0.36	Peak
5	763.32	-63.98	-64.82	-13.00	-50.98	0.84	Peak
6	965.08	-62.66	-65.01	-13.00	-49.66	2.35	Peak
7 pp	3508.60	-35.83	-28.38	-13.00	-22.83	-7.45	Peak
8	5262.90	-45.12	-42.60	-13.00	-32.12	-2.52	Peak
9	7017.20	-41.70	-44.89	-13.00	-28.70	3.19	Peak
10	8771.50	-43.71	-48.44	-13.00	-30.71	4.73	Peak

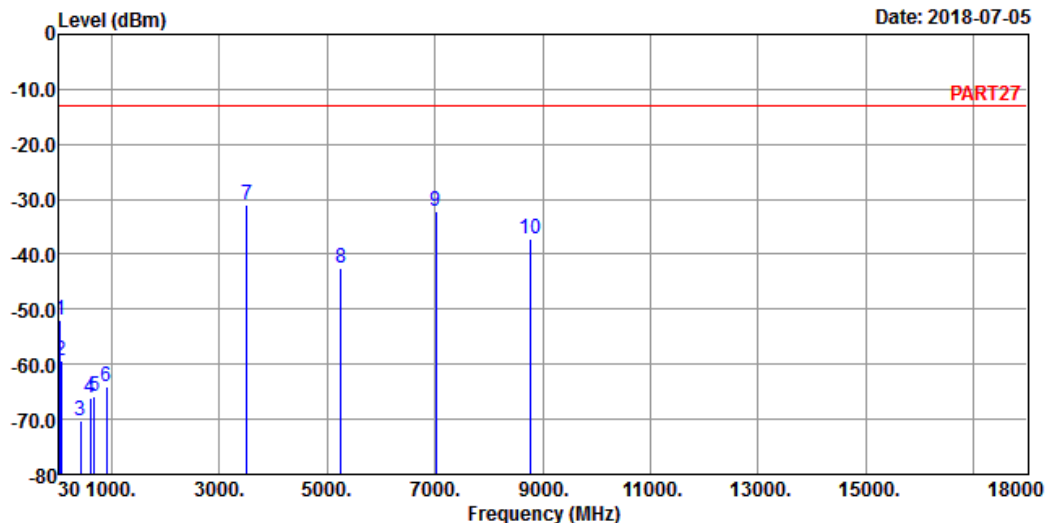


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A D T

Data: 6

Date: 2018-07-05



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 4 QPSK_1.4M Link_H-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	43.58	-51.92	-50.45	-13.00	-38.92	-1.47	Peak
2	68.80	-59.27	-50.95	-13.00	-46.27	-8.32	Peak
3	425.76	-70.36	-64.62	-13.00	-57.36	-5.74	Peak
4	612.00	-66.14	-65.36	-13.00	-53.14	-0.78	Peak
5	676.99	-65.73	-65.27	-13.00	-52.73	-0.46	Peak
6	901.06	-64.11	-64.71	-13.00	-51.11	0.60	Peak
7 pp	3508.60	-31.00	-23.55	-13.00	-18.00	-7.45	Peak
8	5262.90	-42.51	-39.99	-13.00	-29.51	-2.52	Peak
9	7017.20	-32.15	-35.34	-13.00	-19.15	3.19	Peak
10	8771.50	-37.09	-41.82	-13.00	-24.09	4.73	Peak

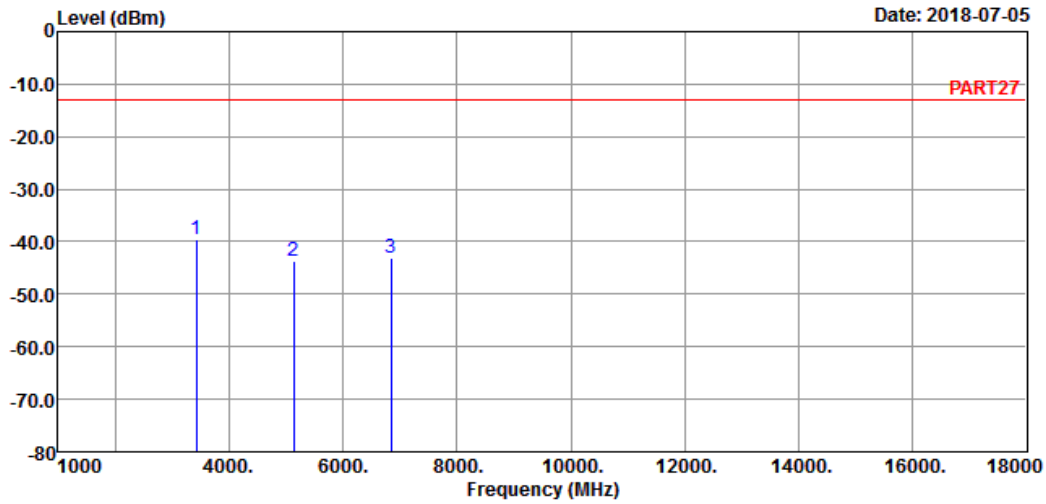
Channel Bandwidth: 5 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



Site : 966 Chamber 5
Condition: PART27 VERTICAL
Remak : Cat-M1 Band 4 QPSK_5M Link_L-CH
Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	3425.00	-39.52	-31.18	-13.00	-26.52	-8.34	Peak
2	5137.50	-43.69	-41.95	-13.00	-30.69	-1.74	Peak
3	6850.00	-42.99	-45.30	-13.00	-29.99	2.31	Peak

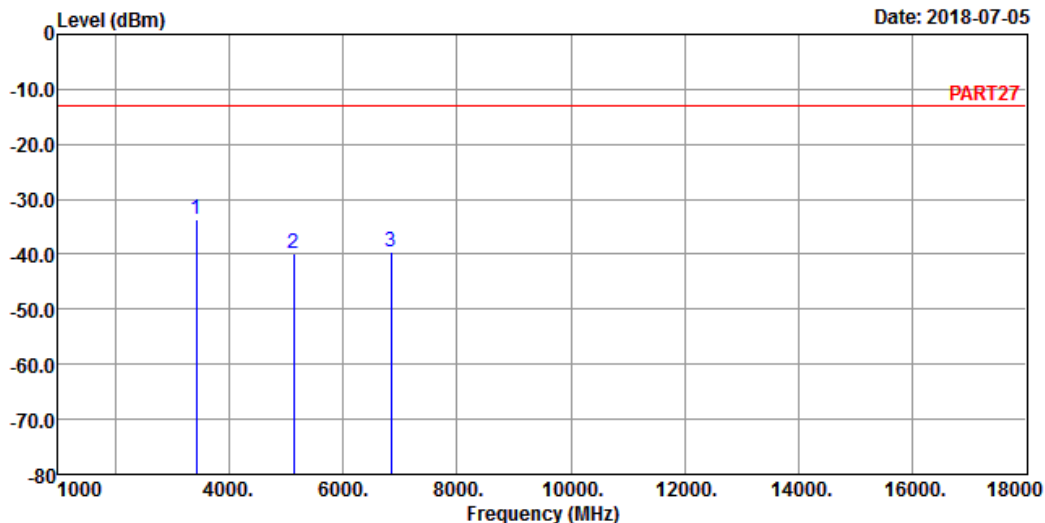


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 2

Date: 2018-07-05



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 4 QPSK_5M Link_L-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	3425.00	-33.69	-25.35	-13.00	-20.69	-8.34	Peak
2	5137.50	-39.98	-38.24	-13.00	-26.98	-1.74	Peak
3	6850.00	-39.63	-41.94	-13.00	-26.63	2.31	Peak

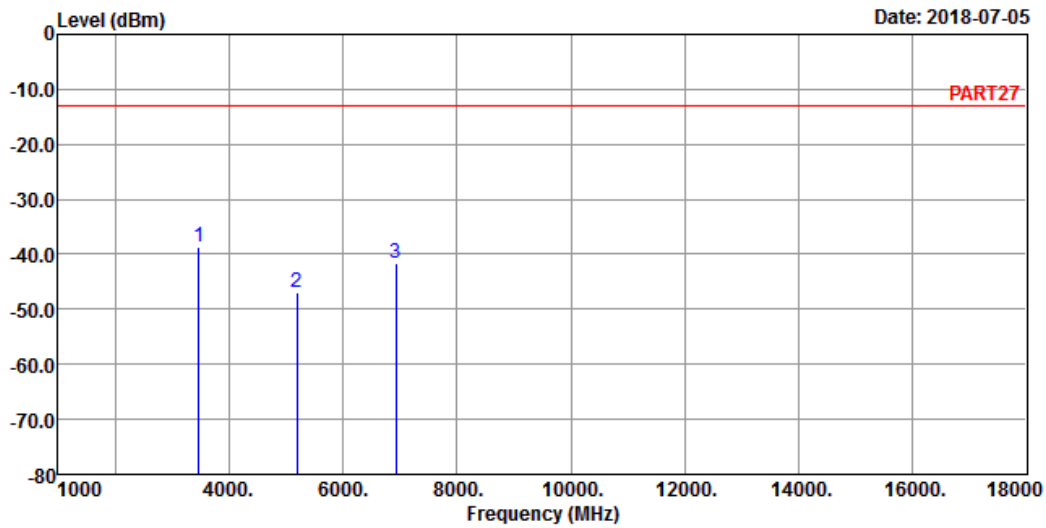
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : Cat-M1 Band 4 QPSK_5M Link_M-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	3465.00	-38.62	-30.74	-13.00	-25.62	-7.88	Peak
2	5197.50	-46.85	-44.78	-13.00	-33.85	-2.07	Peak
3	6930.00	-41.52	-44.21	-13.00	-28.52	2.69	Peak

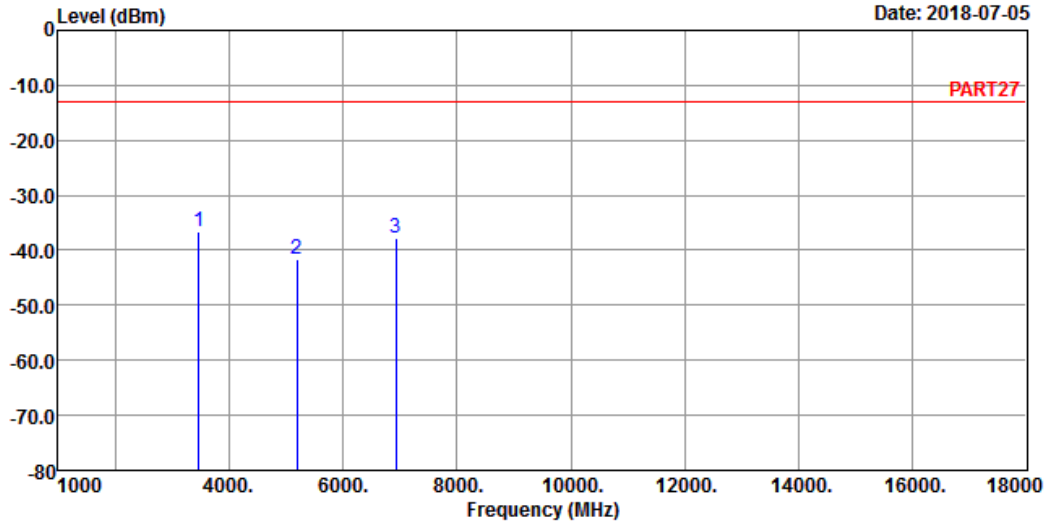


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 2

Date: 2018-07-05



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 4 QPSK_5M Link_M-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	3465.00	-36.52	-28.64	-13.00	-23.52	-7.88	Peak
2	5197.50	-41.52	-39.45	-13.00	-28.52	-2.07	Peak
3	6930.00	-37.65	-40.34	-13.00	-24.65	2.69	Peak

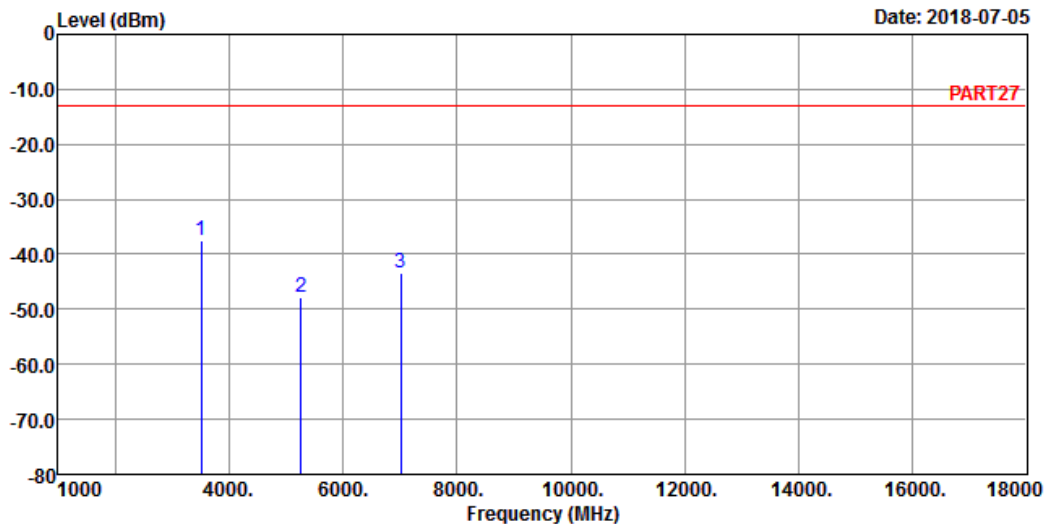
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : Cat-M1 Band 4 QPSK_5M Link_H-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	3505.00	-37.52	-30.07	-13.00	-24.52	-7.45	Peak
2	5257.50	-47.96	-45.44	-13.00	-34.96	-2.52	Peak
3	7010.00	-43.52	-46.71	-13.00	-30.52	3.19	Peak

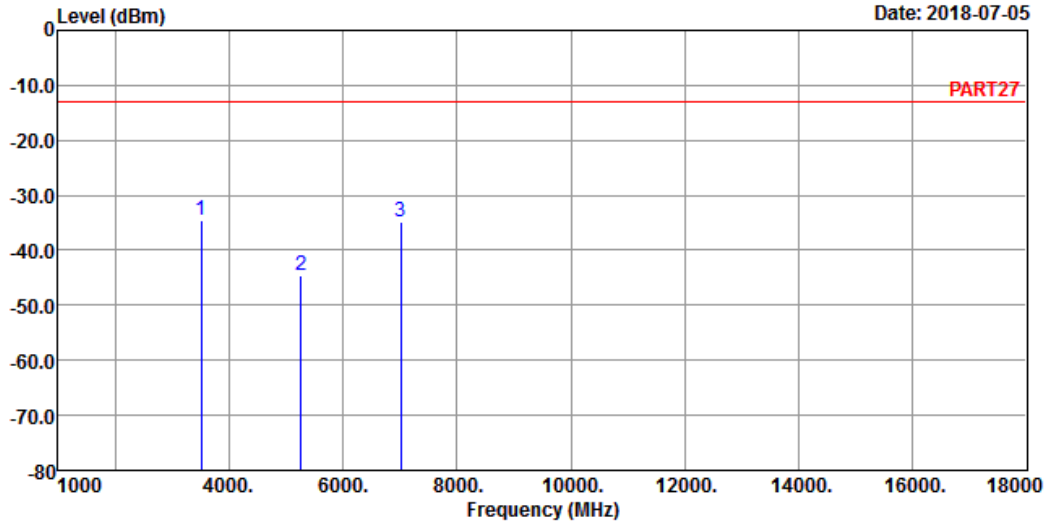


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 2

Date: 2018-07-05



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 4 QPSK_5M Link_H-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	3505.00	-34.52	-27.07	-13.00	-21.52	-7.45	Peak
2	5257.50	-44.63	-42.11	-13.00	-31.63	-2.52	Peak
3	7010.00	-34.69	-37.88	-13.00	-21.69	3.19	Peak

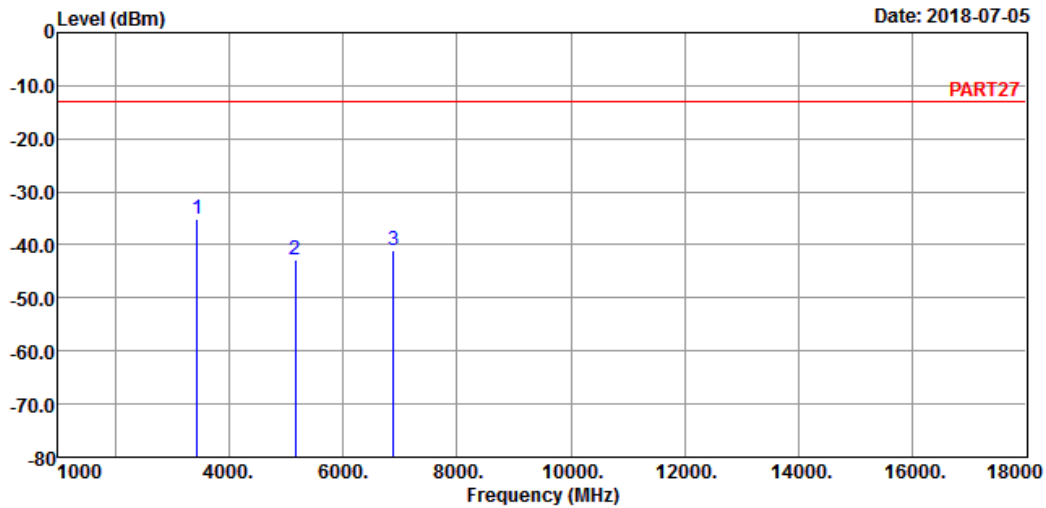
Channel Bandwidth: 20 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



Site : 966 Chamber 5
Condition: PART27 HORIZONTAL
Remak : Cat-M1 Band 4 QPSK_20M Link_L-CH
Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	3440.00	-35.25	-27.03	-13.00	-22.25	-8.22	Peak
2	5160.00	-42.85	-40.94	-13.00	-29.85	-1.91	Peak
3	6880.00	-41.02	-43.50	-13.00	-28.02	2.48	Peak

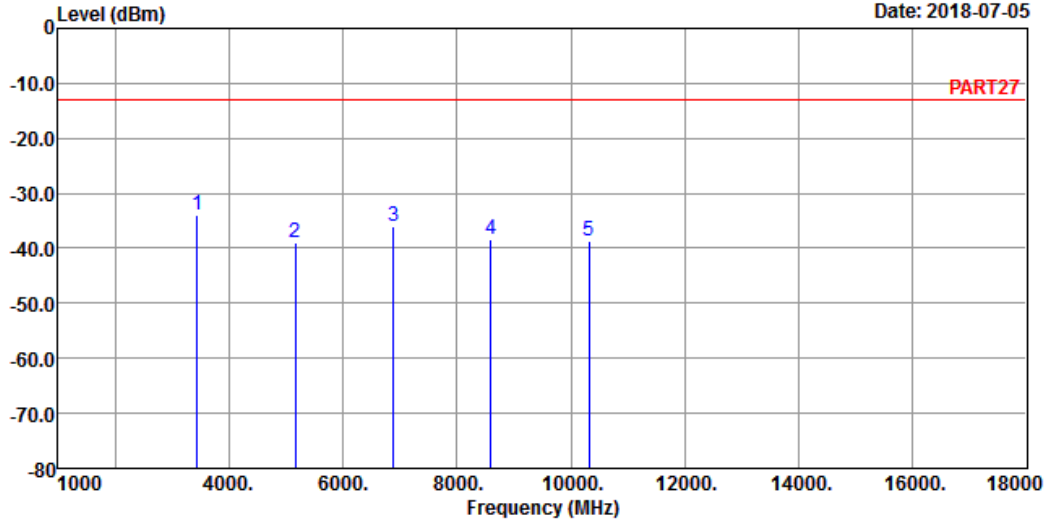


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 2

Date: 2018-07-05



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 4 QPSK_20M Link_L-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	3440.00	-33.85	-25.63	-13.00	-20.85	-8.22	Peak
2	5160.00	-38.91	-37.00	-13.00	-25.91	-1.91	Peak
3	6880.00	-36.00	-38.48	-13.00	-23.00	2.48	Peak
4	8600.00	-38.32	-42.93	-13.00	-25.32	4.61	Peak
5	10320.00	-38.53	-44.45	-13.00	-25.53	5.92	Peak

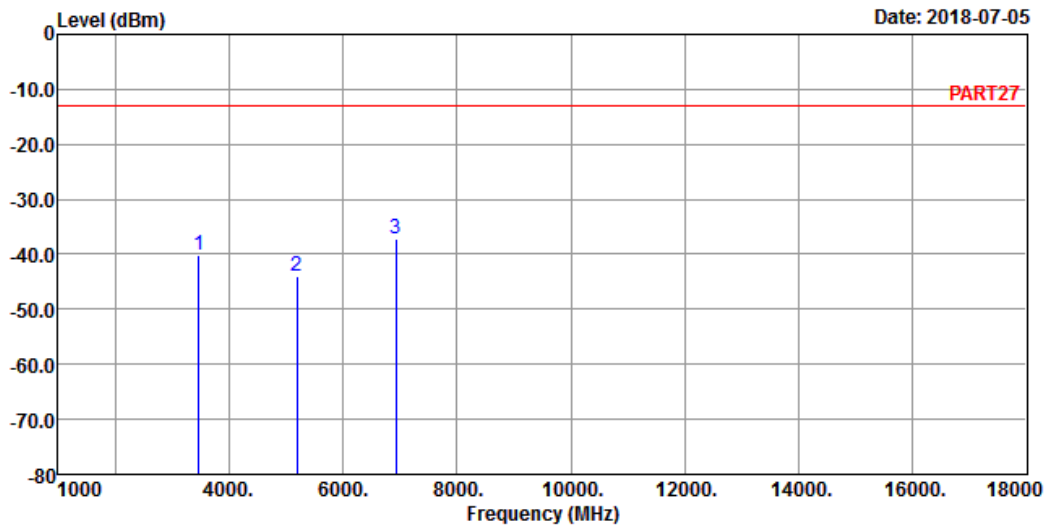
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 4 QPSK_20M Link_M-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	3465.00	-40.07	-32.19	-13.00	-27.07	-7.88	Peak
2	5197.50	-43.91	-41.84	-13.00	-30.91	-2.07	Peak
3 pp	6930.00	-37.33	-40.02	-13.00	-24.33	2.69	Peak

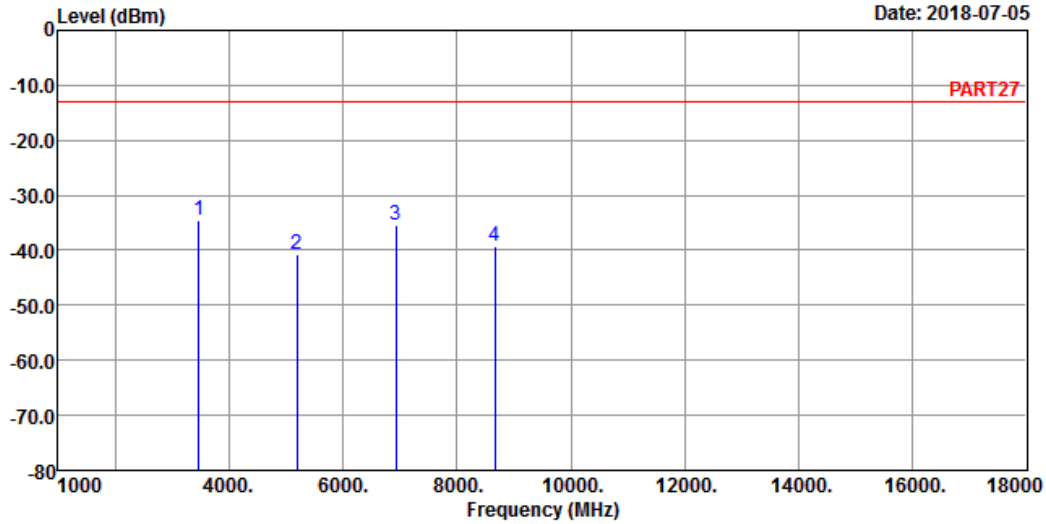


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 2

Date: 2018-07-05



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 4 QPSK_20M Link_M-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	3465.00	-34.50	-26.62	-13.00	-21.50	-7.88	Peak
2	5197.50	-40.71	-38.64	-13.00	-27.71	-2.07	Peak
3	6930.00	-35.45	-38.14	-13.00	-22.45	2.69	Peak
4	8662.50	-39.27	-44.01	-13.00	-26.27	4.74	Peak

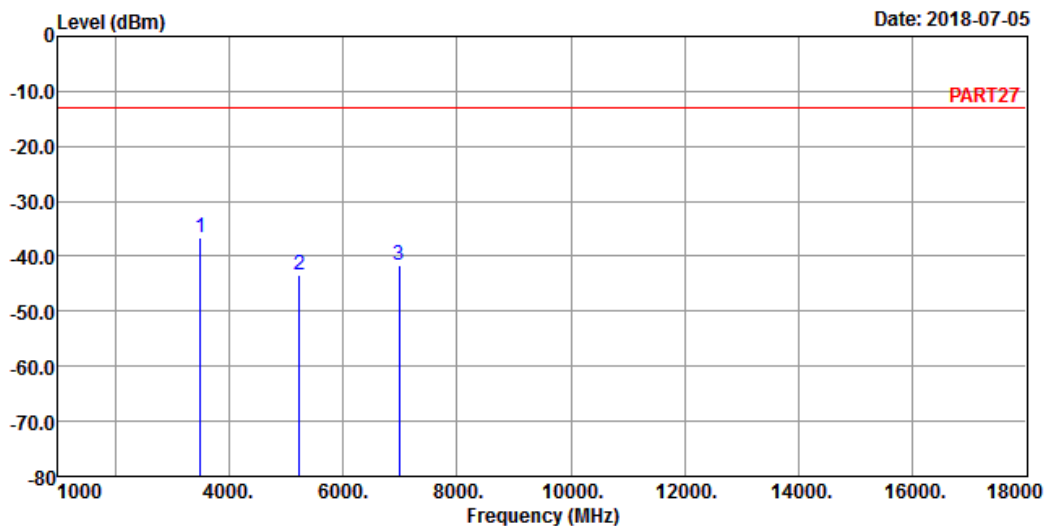
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : CAT M1 Band 4 QPSK_20M Link_H-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit	Over	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	3490.00	-36.72	-29.07	-13.00	-23.72	-7.65	Peak
2	5235.00	-43.41	-41.00	-13.00	-30.41	-2.41	Peak
3	6980.00	-41.75	-44.81	-13.00	-28.75	3.06	Peak

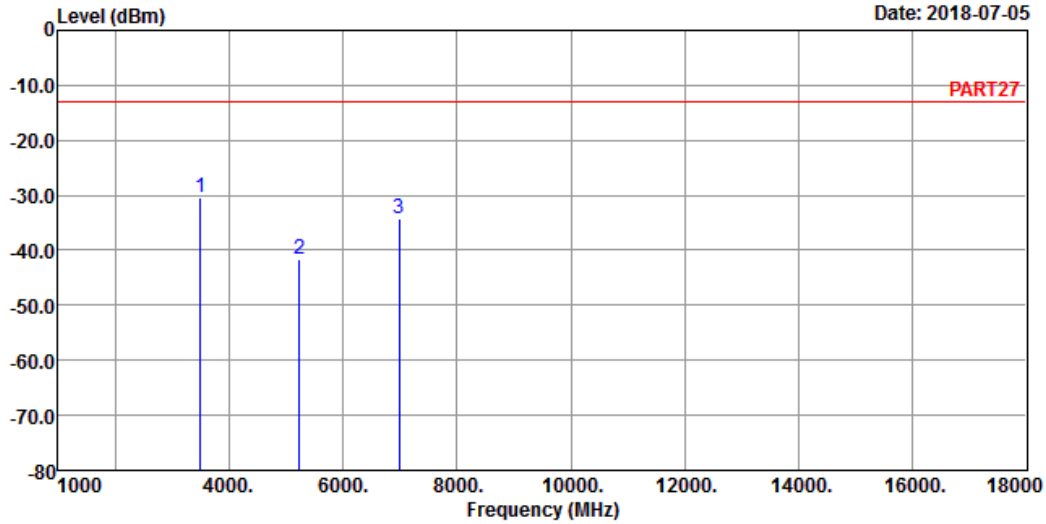


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 2

Date: 2018-07-05



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : CAT M1 Band 4 QPSK_20M Link_H-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	3490.00	-30.33	-22.68	-13.00	-17.33	-7.65	Peak
2	5235.00	-41.67	-39.26	-13.00	-28.67	-2.41	Peak
3	6980.00	-34.17	-37.23	-13.00	-21.17	3.06	Peak

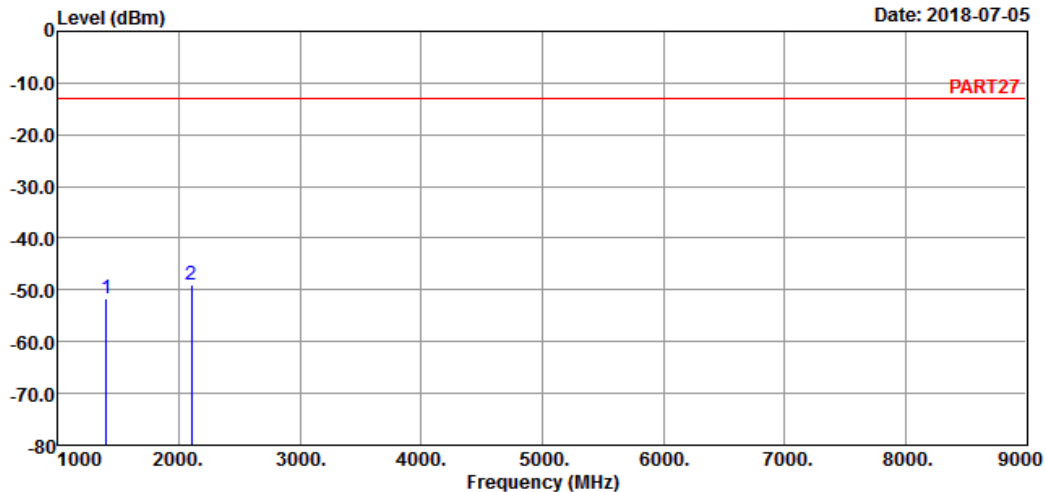
LTE Band 12
 Channel Bandwidth: 1.4 MHz / QPSK
 Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : Cat-M1 Band 12 QPSK_1.4M Link_L-CH
 Tested by: Jisyong Wang

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1399.40	-51.52	-39.67	-13.00	-38.52	-11.85	Peak
2	pp 2099.10	-49.03	-38.87	-13.00	-36.03	-10.16	Peak

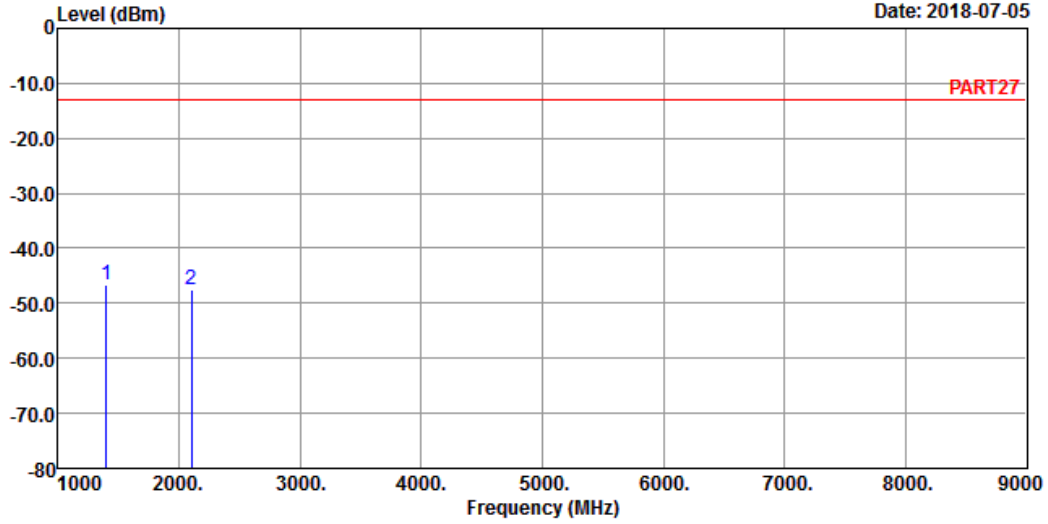


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 2

Date: 2018-07-05



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 12 QPSK_1.4M Link_L-CH
 Tested by: Jisyong Wang

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	pp 1399.40	-46.74	-34.89	-13.00	-33.74	-11.85	Peak
2	2099.10	-47.52	-37.36	-13.00	-34.52	-10.16	Peak

Middle Channel

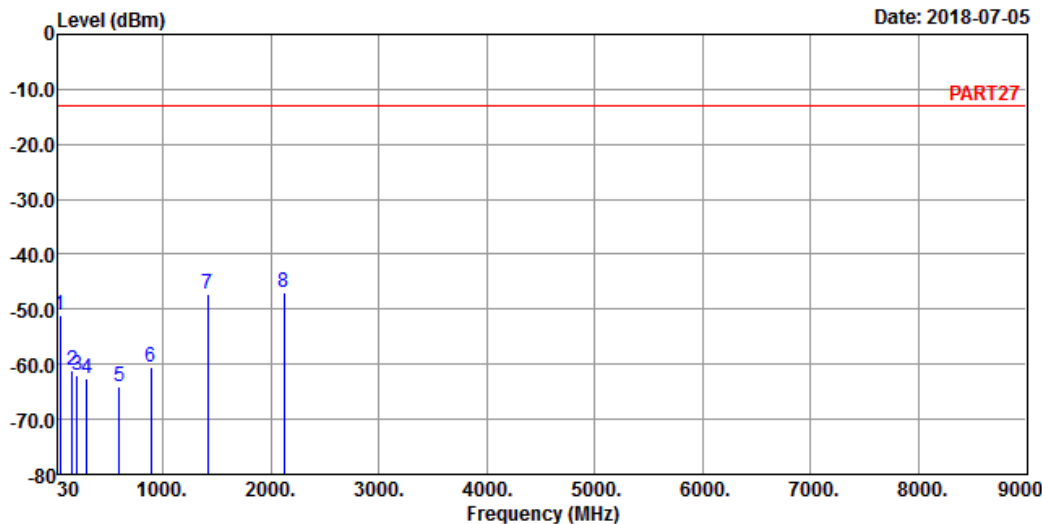


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5

Date: 2018-07-05



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : Cat-M1 Band 12 QPSK_1.4M Link_M-CH
 Tested by: Jisyong Wang

	Freq	Level	Read Level	Limit	Over	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	44.55	-51.10	-49.11	-13.00	-38.10	-1.99	Peak
2	161.92	-61.19	-56.21	-13.00	-48.19	-4.98	Peak
3	208.48	-61.96	-54.29	-13.00	-48.96	-7.67	Peak
4	297.72	-62.64	-55.67	-13.00	-49.64	-6.97	Peak
5	593.57	-64.00	-62.96	-13.00	-51.00	-1.04	Peak
6	885.54	-60.56	-61.05	-13.00	-47.56	0.49	Peak
7	1415.00	-47.25	-35.17	-13.00	-34.25	-12.08	Peak
8 pp	2122.50	-46.85	-36.98	-13.00	-33.85	-9.87	Peak

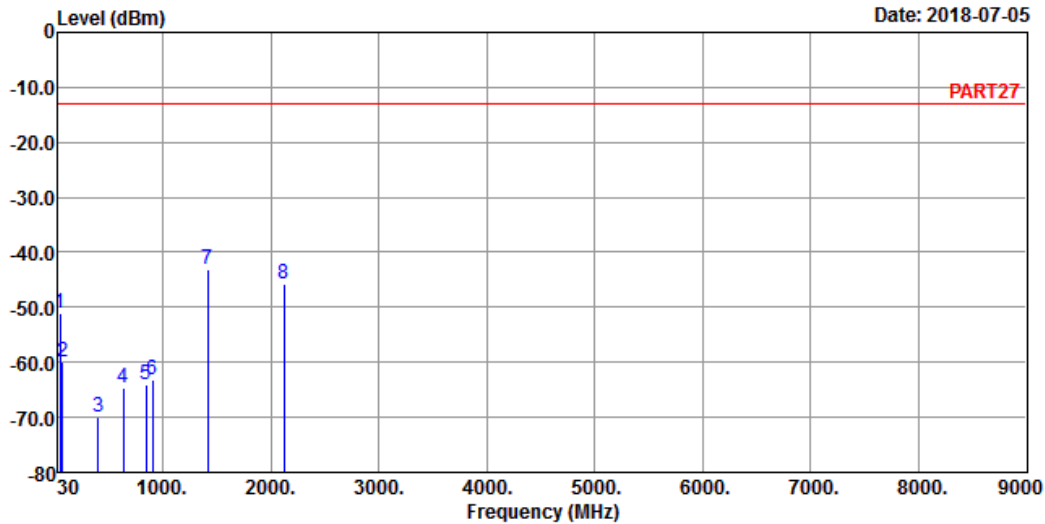


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-07-05



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 12 QPSK_1.4M Link_M-CH
 Tested by: Jisyong Wang

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	44.55	-51.18	-49.19	-13.00	-38.18	-1.99	Peak
2	68.80	-59.95	-51.63	-13.00	-46.95	-8.32	Peak
3	398.60	-69.96	-64.01	-13.00	-56.96	-5.95	Peak
4	633.34	-64.64	-63.80	-13.00	-51.64	-0.84	Peak
5	844.80	-64.02	-64.36	-13.00	-51.02	0.34	Peak
6	903.97	-63.31	-63.98	-13.00	-50.31	0.67	Peak
7 pp	1415.00	-43.13	-31.05	-13.00	-30.13	-12.08	Peak
8	2122.50	-45.85	-35.98	-13.00	-32.85	-9.87	Peak

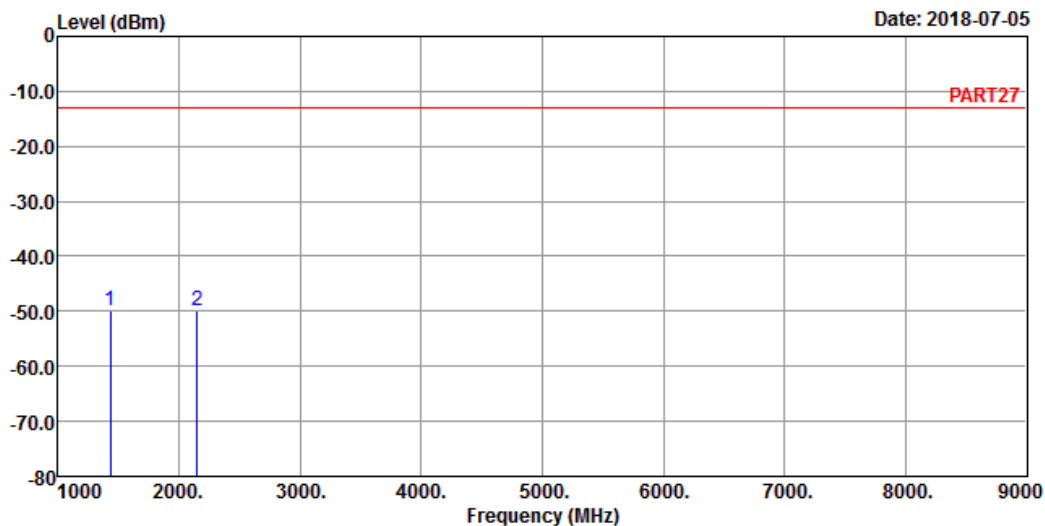
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 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	1430.60	-50.02	-37.71	-13.00	-37.02	-12.31	Peak
2	pp 2145.90	-49.85	-40.38	-13.00	-36.85	-9.47	Peak

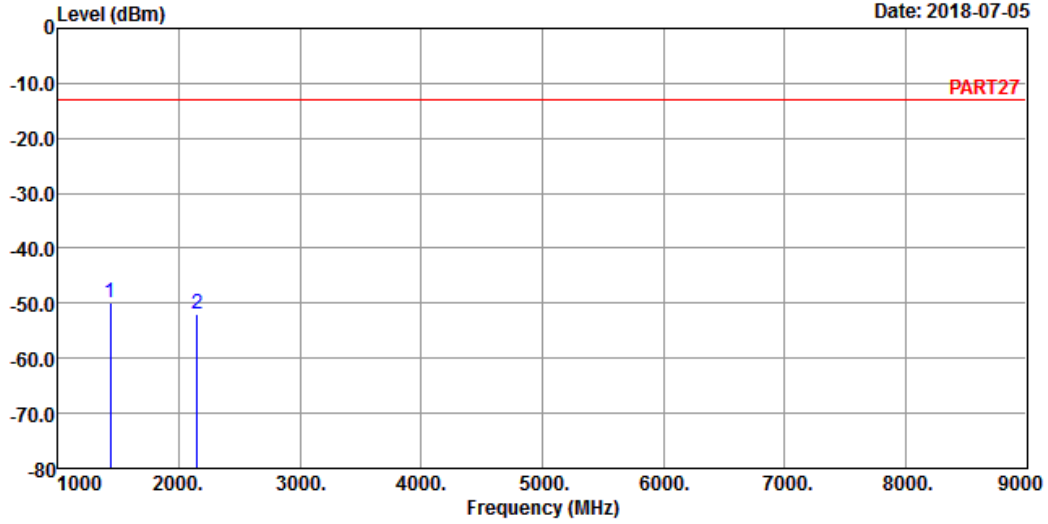


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 2

Date: 2018-07-05



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 12 QPSK_1.4M Link_H-CH
 Tested by: Jisyong Wang

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1430.60	-49.85	-37.54	-13.00	-36.85	-12.31	Peak
2	2145.98	-51.85	-42.38	-13.00	-38.85	-9.47	Peak

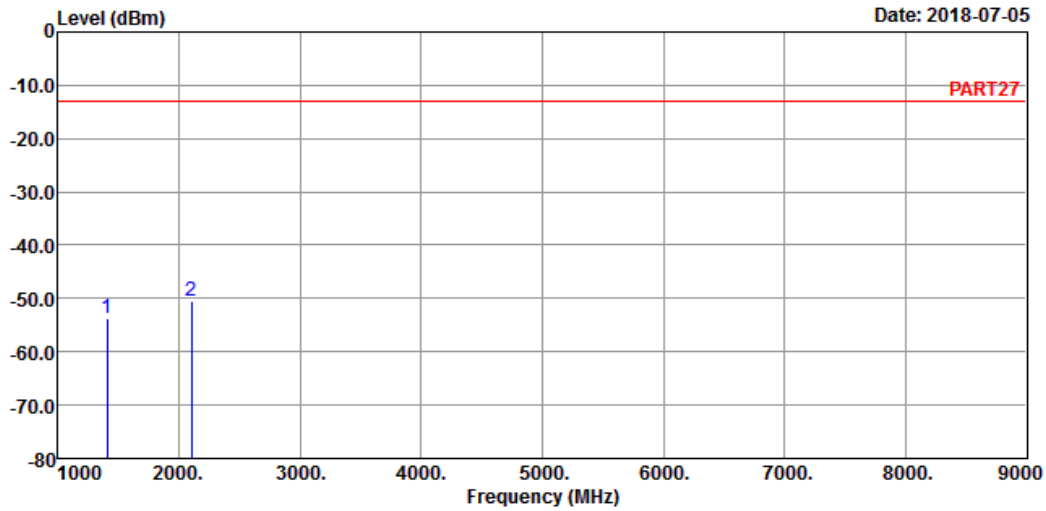
Channel Bandwidth: 5 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



Site : 966 Chamber 5
Condition: PART27 HORIZONTAL
Remak : Cat-M1 Band 12 QPSK_5M Link_L-CH
Tested by: Jisyong Wang

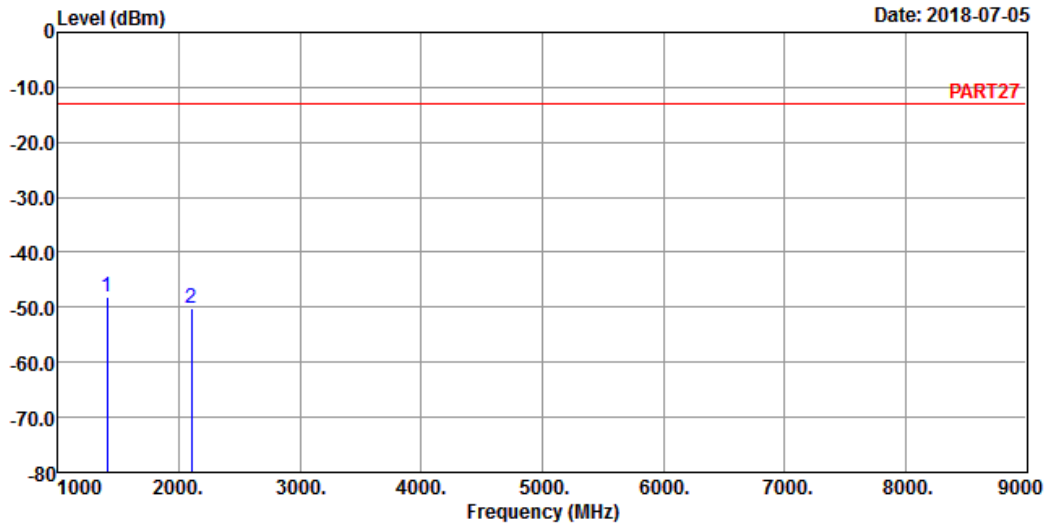
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1403.00	-53.63	-41.72	-13.00	-40.63	-11.91	Peak
2 pp	2104.50	-50.52	-40.36	-13.00	-37.52	-10.16	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 2



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 12 QPSK_5M Link_L-CH
 Tested by: Jisyong Wang

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	pp 1403.00	-48.02	-36.11	-13.00	-35.02	-11.91	Peak
2	2104.50	-50.18	-40.02	-13.00	-37.18	-10.16	Peak

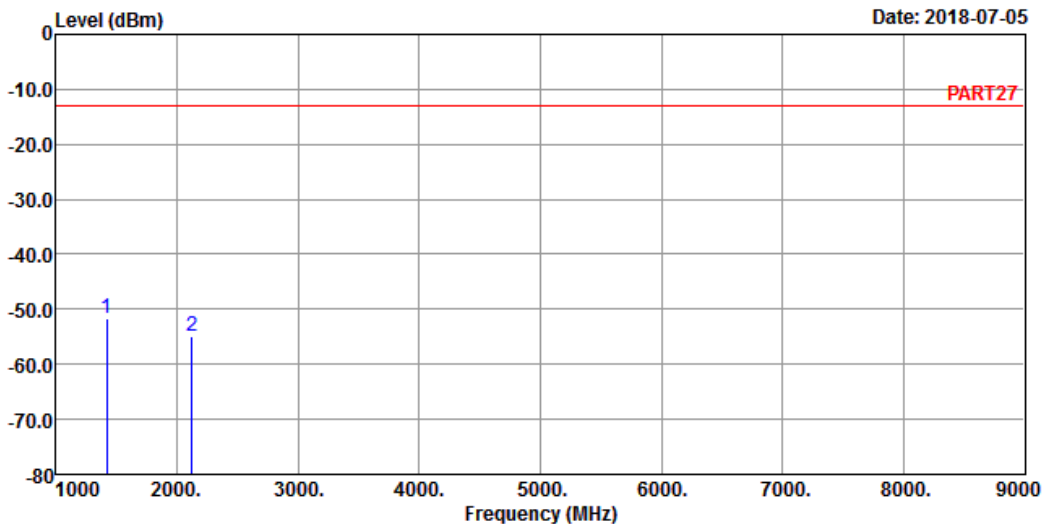
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : Cat-M1 Band 12 QPSK_5M Link_M-CH
 Tested by: Jisyong Wang

	Freq	Level	Read Level	Limit	Over	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1415.00	-51.60	-39.52	-13.00	-38.60	-12.08	Peak
2	2122.50	-54.96	-45.09	-13.00	-41.96	-9.87	Peak

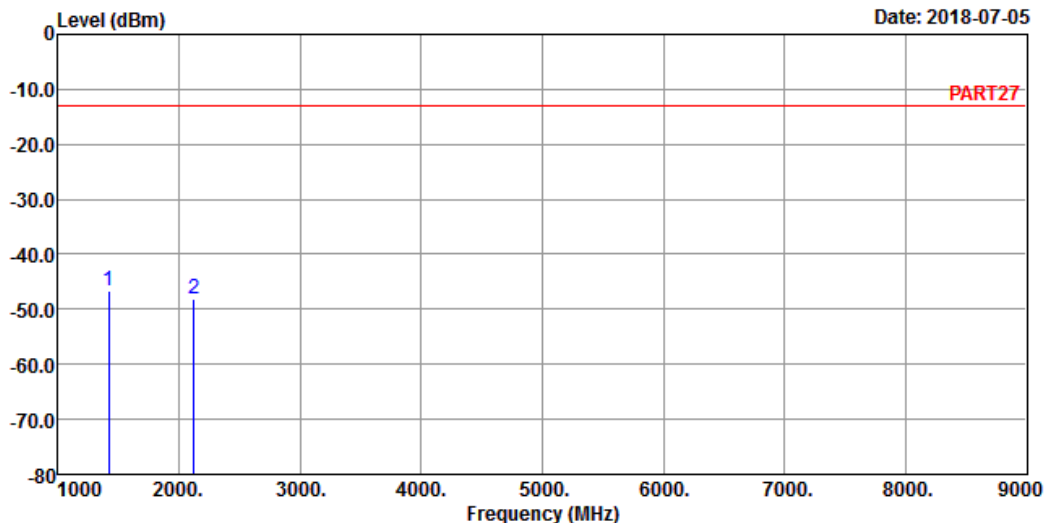


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 2

Date: 2018-07-05



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 12 QPSK_5M Link_M-CH
 Tested by: Jisyong Wang

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	pp 1415.00	-46.71	-34.63	-13.00	-33.71	-12.08	Peak
2	2122.50	-48.12	-38.25	-13.00	-35.12	-9.87	Peak

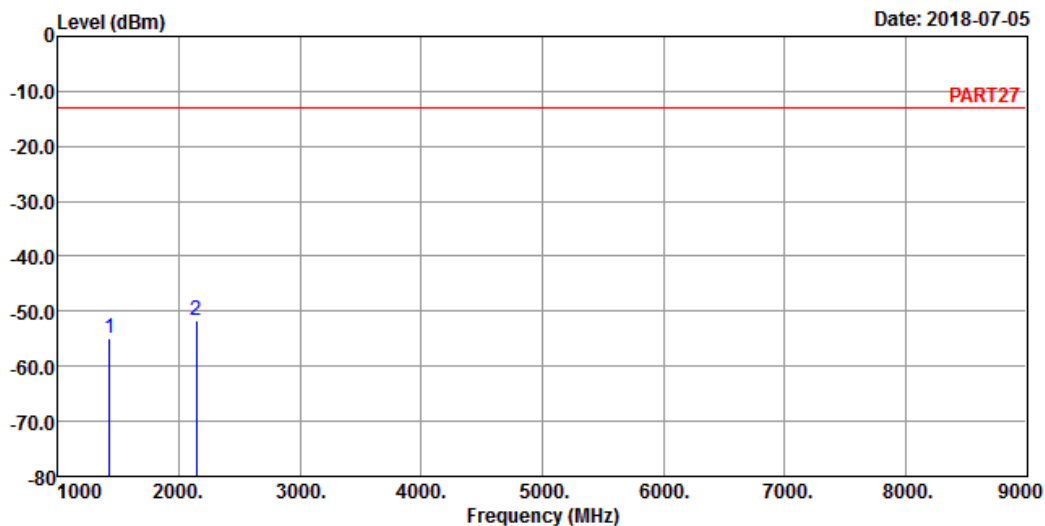
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : Cat-M1 Band 12 QPSK_5M Link_H-CH
 Tested by: Jisyong Wang

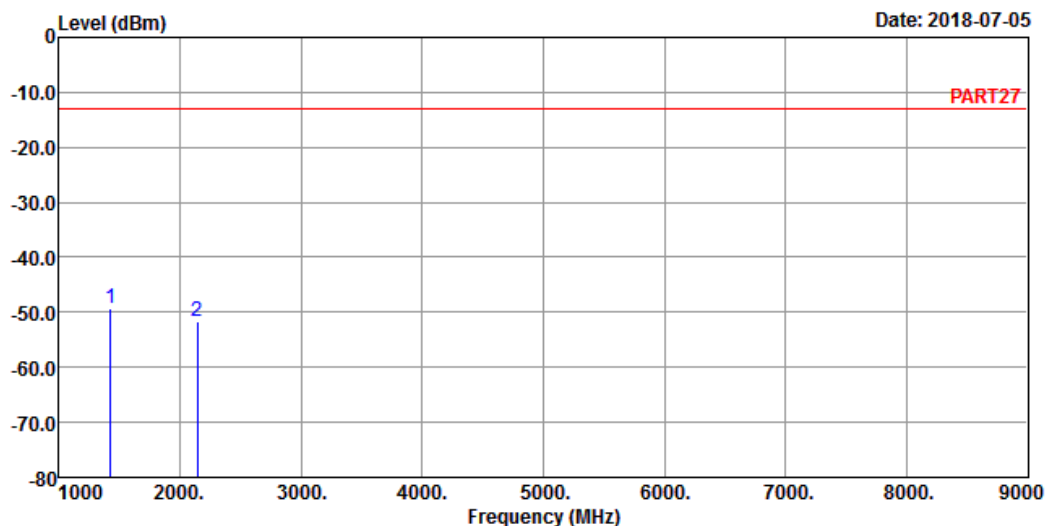
	Freq	Level	Read Level	Limit	Over	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1427.00	-54.77	-42.52	-13.00	-41.77	-12.25	Peak
2	pp 2140.50	-51.56	-41.99	-13.00	-38.56	-9.57	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 2



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 12 QPSK_5M Link_H-CH
 Tested by: Jisyong Wang

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1427.00	-49.27	-37.02	-13.00	-36.27	-12.25	Peak
2	2140.50	-51.58	-42.01	-13.00	-38.58	-9.57	Peak

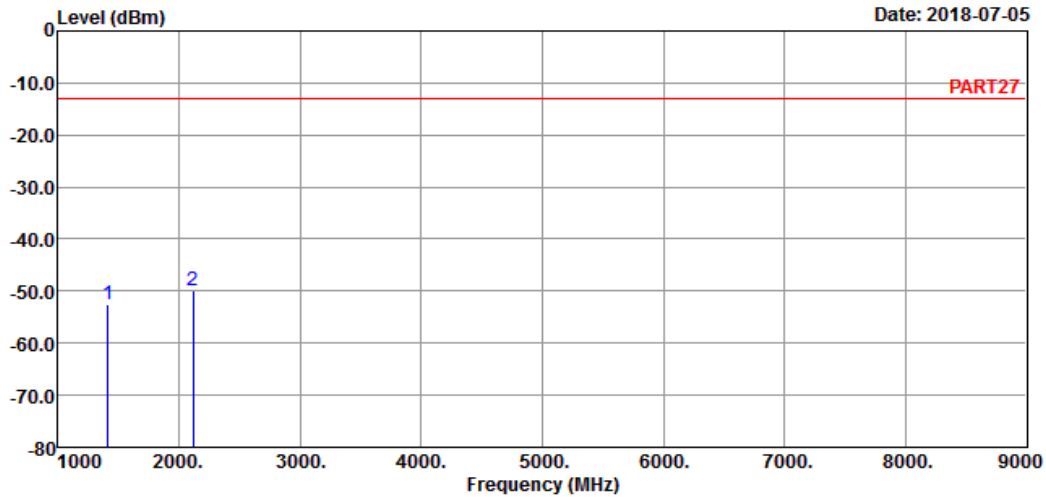
Channel Bandwidth: 10 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



Site : 966 Chamber 5
Condition: PART27 HORIZONTAL
Remak : Cat-M1 Band 12 QPSK_10M Link_L-CH
Tested by: Jisyong Wang

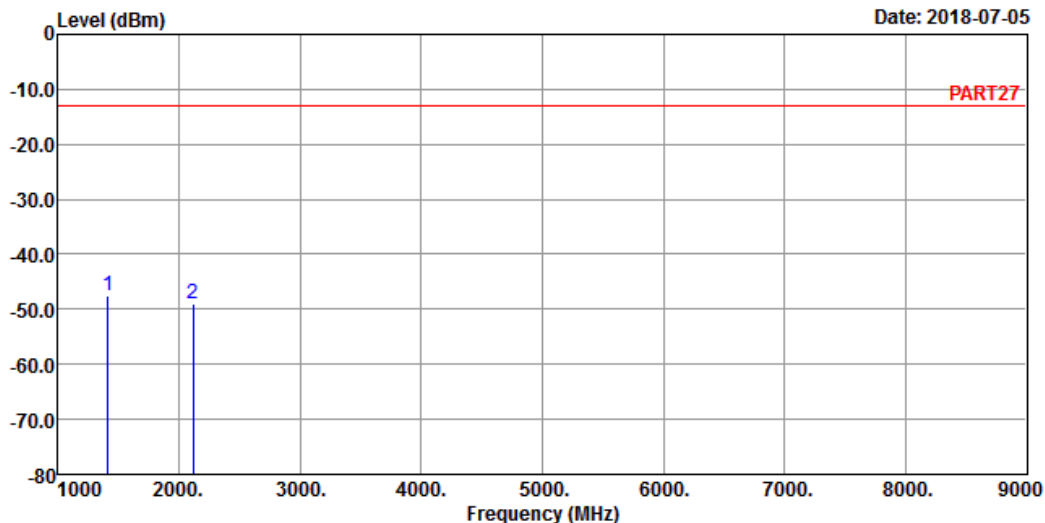
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1408.00	-52.69	-40.73	-13.00	-39.69	-11.96	Peak
2	pp 2112.00	-49.93	-39.97	-13.00	-36.93	-9.96	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 2



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 12 QPSK_10M Link_L-CH
 Tested by: Jisyong Wang

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1408.00	-47.60	-35.64	-13.00	-34.60	-11.96	Peak
2	2112.00	-48.90	-38.94	-13.00	-35.90	-9.96	Peak

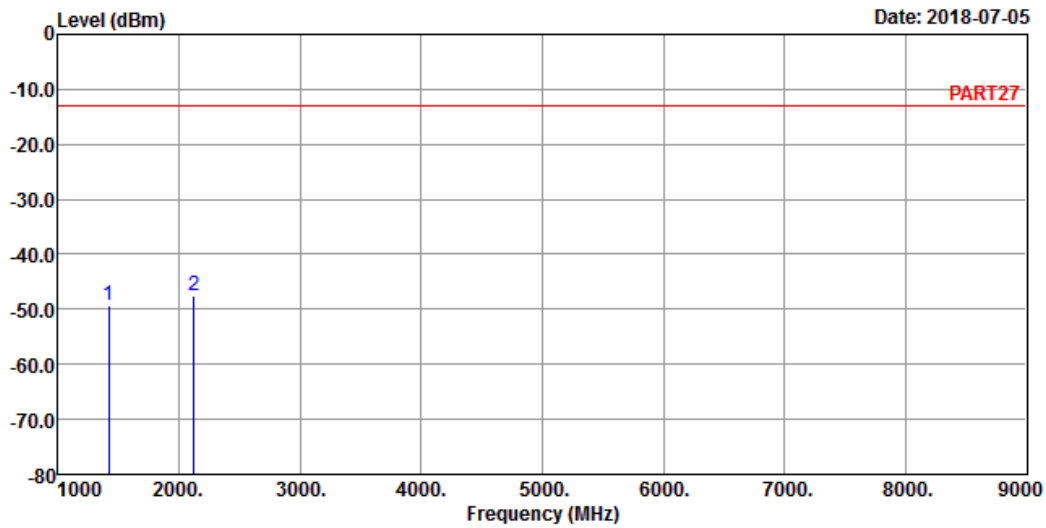
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : Cat-M1 Band 12 QPSK_10M Link_M-CH
 Tested by: Jisyong Wang

	Freq	Level	Read Level	Limit	Over	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1415.00	-49.21	-37.13	-13.00	-36.21	-12.08	Peak
2	2122.50	-47.53	-37.66	-13.00	-34.53	-9.87	Peak

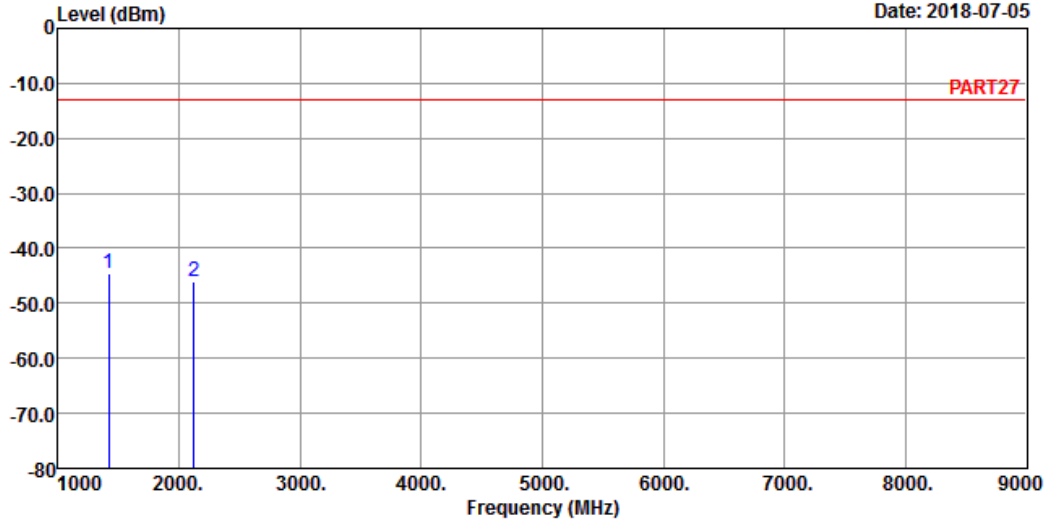


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 2

Date: 2018-07-05



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 12 QPSK_10M Link_M-CH
 Tested by: Jisyong Wang

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1415.00	-44.60	-32.52	-13.00	-31.60	-12.08	Peak
2	2122.50	-46.19	-36.32	-13.00	-33.19	-9.87	Peak

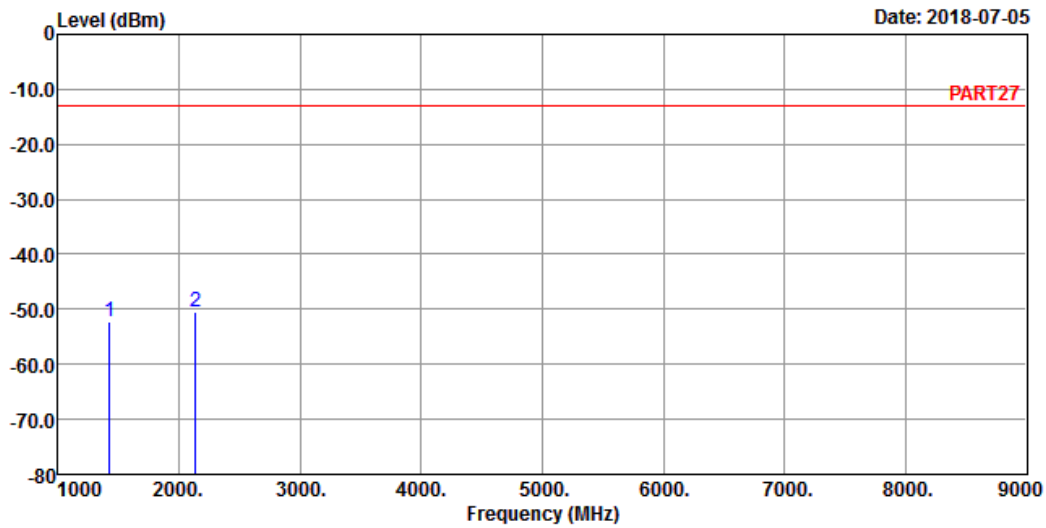
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : Cat-M1 Band 12 QPSK_10M Link_H-CH
 Tested by: Jisyong Wang

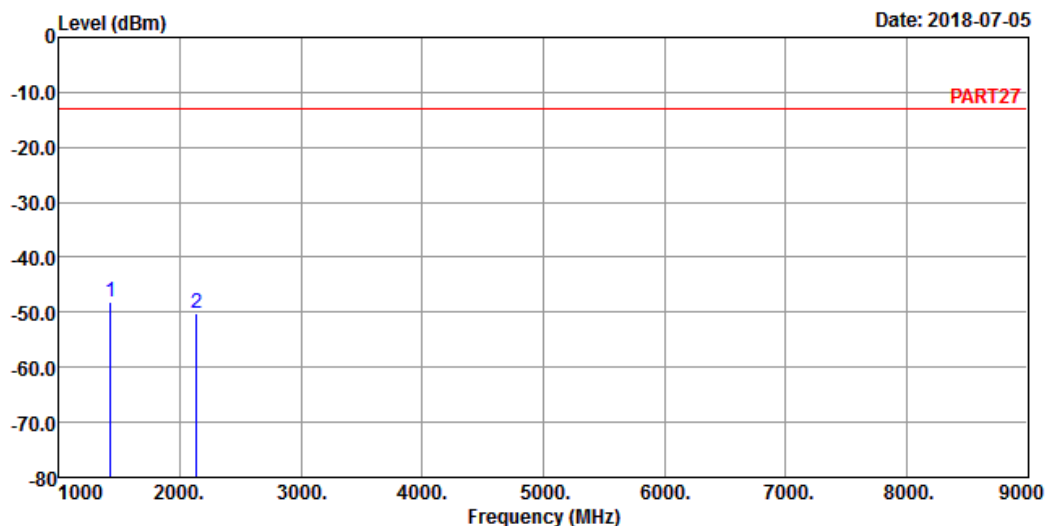
	Freq	Level	Read Level	Limit	Over	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1422.00	-52.29	-40.10	-13.00	-39.29	-12.19	Peak
2	2133.00	-50.58	-40.91	-13.00	-37.58	-9.67	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 2



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 12 QPSK_10M Link_H-CH
 Tested by: Jisyong Wang

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	pp 1422.00	-48.01	-35.82	-13.00	-35.01	-12.19	Peak
2	2133.00	-50.24	-40.57	-13.00	-37.24	-9.67	Peak

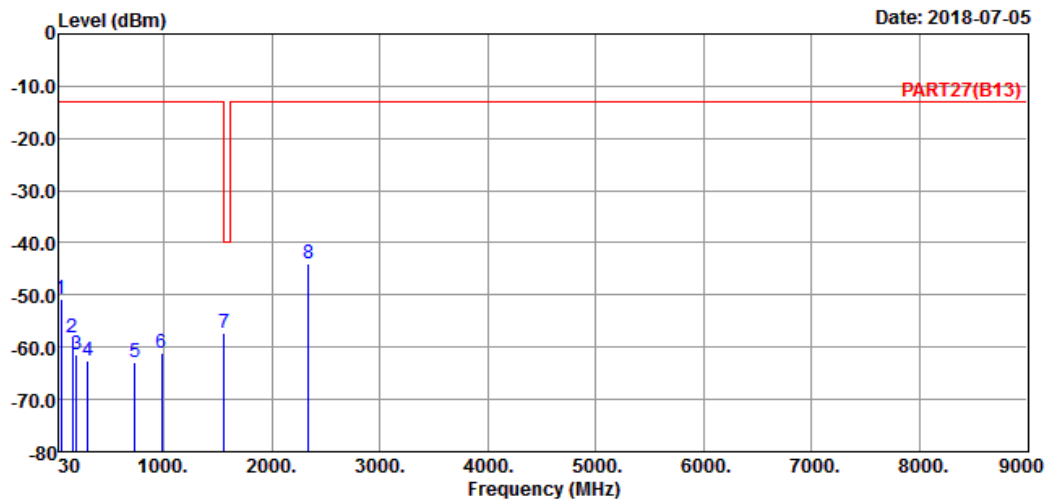
LTE Band 13_1 RB
Channel Bandwidth: 5 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 Chamber 5
Condition: PART27(B13) HORIZONTAL
Remak : CAT M1 Band 13 QPSK_5M Link_L-CH
Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	44.55	-50.66	-48.67	-13.00	-37.66	-1.99	Peak
2	154.16	-58.25	-51.77	-13.00	-45.25	-6.48	Peak
3	190.05	-61.35	-54.26	-13.00	-48.35	-7.09	Peak
4	292.87	-62.47	-55.60	-13.00	-49.47	-6.87	Peak
5	729.37	-62.97	-63.45	-13.00	-49.97	0.48	Peak
6	982.54	-61.13	-64.09	-13.00	-48.13	2.96	Peak
7 pp	1559.00	-57.35	-44.03	-40.00	-17.35	-13.32	Peak
8	2338.50	-43.88	-34.50	-13.00	-30.88	-9.38	Peak

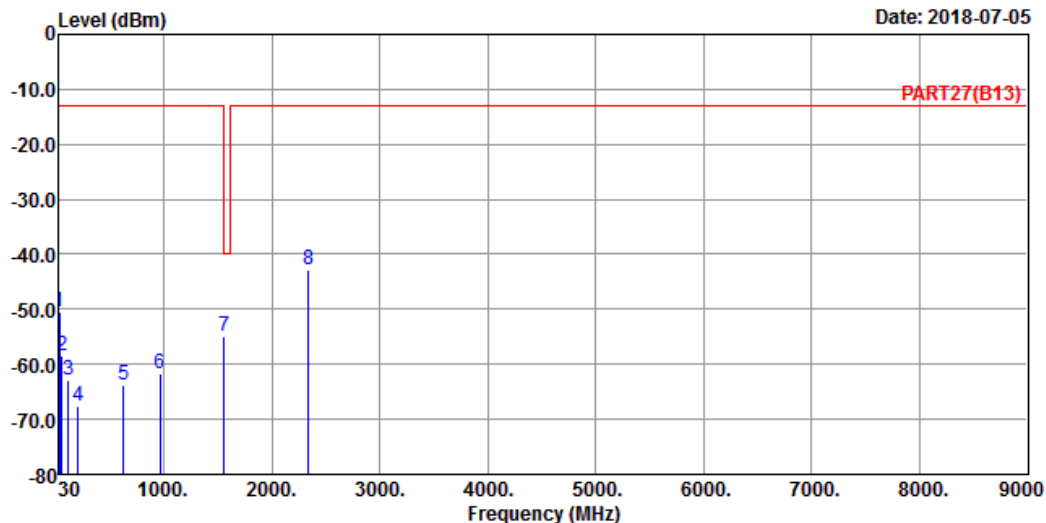


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-07-05



Site : 966 Chamber 5
 Condition: PART27(B13) VERTICAL
 Remak : CAT M1 Band 13 QPSK_5M Link_L-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	30.97	-50.55	-50.44	-13.00	-37.55	-0.11	Peak
2	54.25	-58.52	-52.45	-13.00	-45.52	-6.07	Peak
3	112.45	-62.83	-52.63	-13.00	-49.83	-10.20	Peak
4	207.51	-67.46	-59.75	-13.00	-54.46	-7.71	Peak
5	626.55	-63.69	-62.87	-13.00	-50.69	-0.82	Peak
6	962.17	-61.56	-63.80	-13.00	-48.56	2.24	Peak
7 pp	1559.00	-54.81	-41.49	-40.00	-14.81	-13.32	Peak
8	2338.50	-42.92	-33.54	-13.00	-29.92	-9.38	Peak

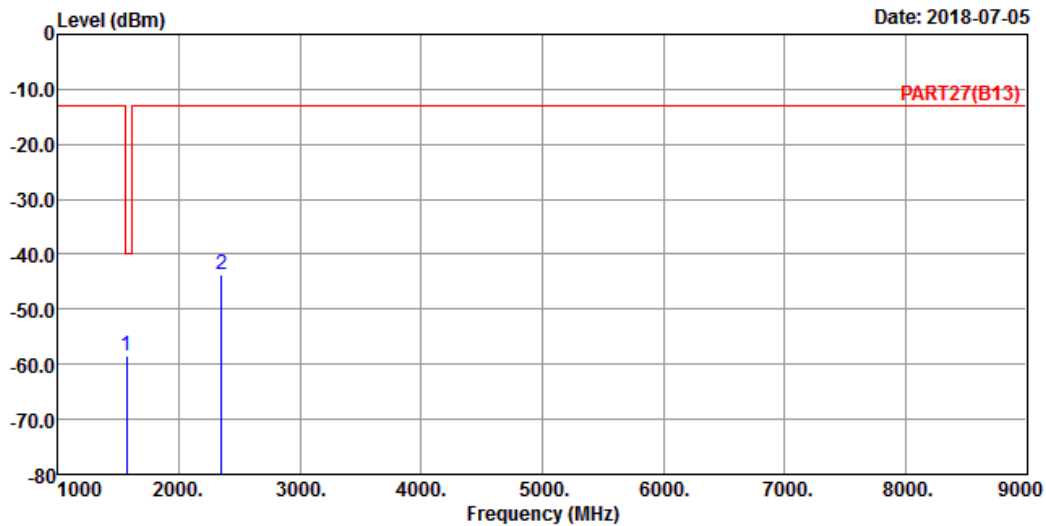
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



Site : 966 Chamber 5
 Condition: PART27(B13) HORIZONTAL
 Remak : Cat-M1 Band 13 QPSK_5M Link_M-CH
 Tested by: Thomas Wei

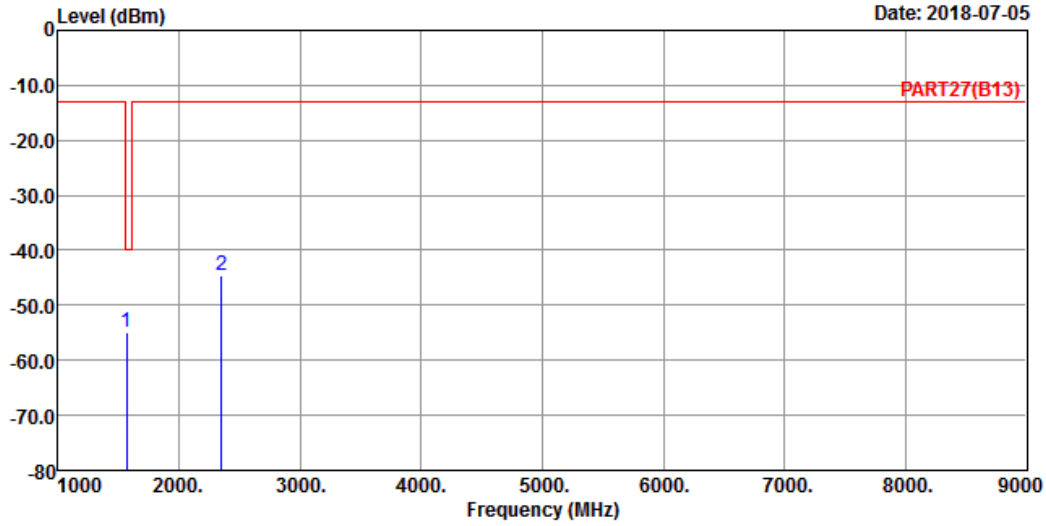
	Read	Limit	Over				
Freq	Level	Level	Line	Limit	Factor	Remark	
MHz	dBm	dBm	dBm	dB	dB		
1 pp 1564.00	-58.49	-45.15	-40.00	-18.49	-13.34	Peak	
2 2346.00	-43.82	-34.38	-13.00	-30.82	-9.44	Peak	



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 2



Site : 966 Chamber 5
 Condition: PART27(B13) VERTICAL
 Remak : Cat-M1 Band 13 QPSK_5M Link_M-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1564.00	-54.80	-41.46	-40.00	-14.80	-13.34	Peak
2	2346.00	-44.66	-35.22	-13.00	-31.66	-9.44	Peak

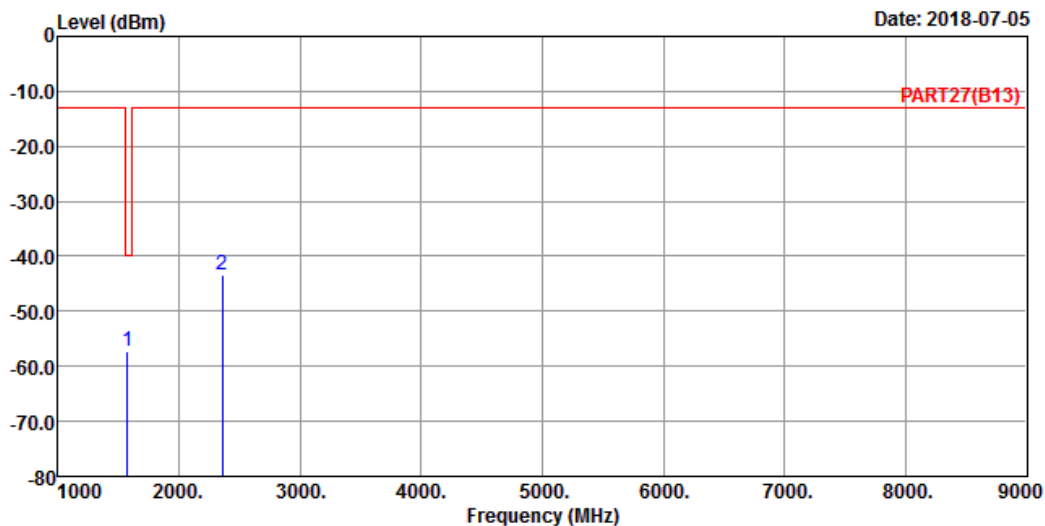
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



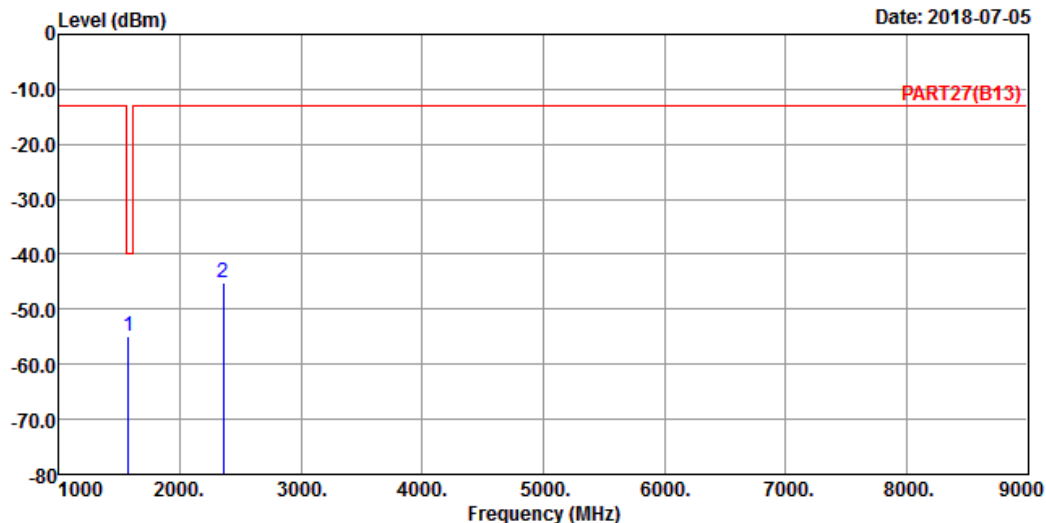
Site : 966 Chamber 5
 Condition: PART27(B13) HORIZONTAL
 Remak : Cat-M1 Band 13 QPSK_5M Link_H-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit	Over	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	pp 1569.00	-57.35	-44.00	-40.00	-17.35	-13.35	Peak
2	2353.50	-43.30	-33.79	-13.00	-30.30	-9.51	Peak



A D T

Data: 2



Site : 966 Chamber 5
 Condition: PART27(B13) VERTICAL
 Remak : Cat-M1 Band 13 QPSK_5M Link_H-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1569.00	-54.88	-41.53	-40.00	-14.88	-13.35	Peak
2	2353.50	-45.11	-35.60	-13.00	-32.11	-9.51	Peak

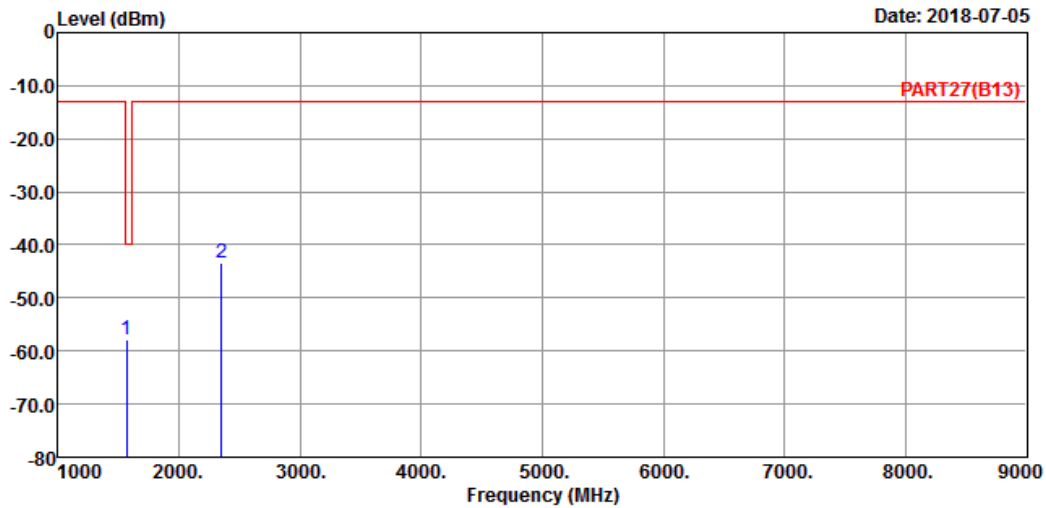
Channel Bandwidth: 10 MHz / QPSK
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



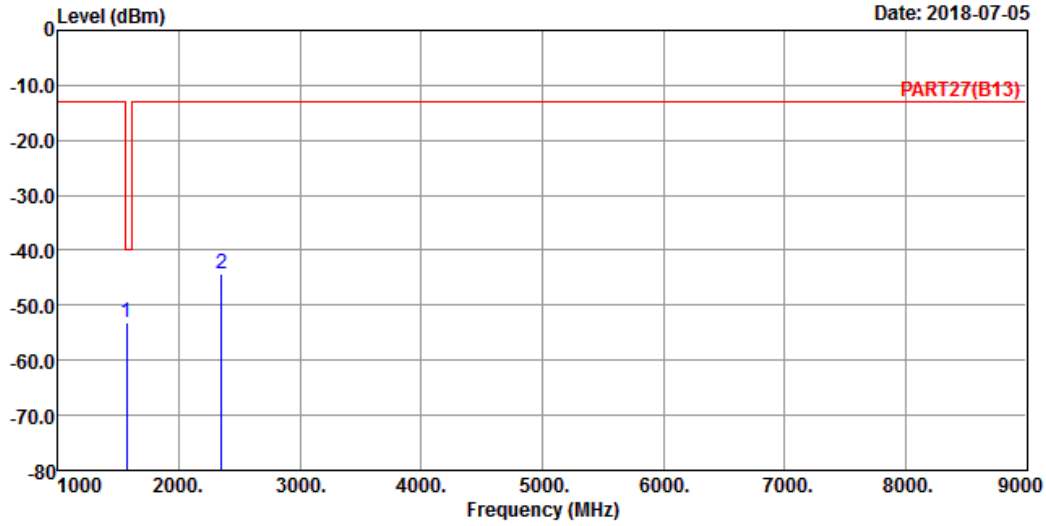
Site : 966 Chamber 5
Condition: PART27(B13) HORIZONTAL
Remak : Cat-M1 Band 13 QPSK_10M Link_M-CH
Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	pp 1564.00	-57.99	-44.65	-40.00	-17.99	-13.34	Peak
2	2346.00	-43.48	-34.04	-13.00	-30.48	-9.44	Peak



A D T

Data: 2



Site : 966 Chamber 5
 Condition: PART27(B13) VERTICAL
 Remak : Cat-M1 Band 13 QPSK_10M Link_M-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1564.00	-53.24	-39.90	-40.00	-13.24	-13.34	Peak
2	2346.00	-44.17	-34.73	-13.00	-31.17	-9.44	Peak

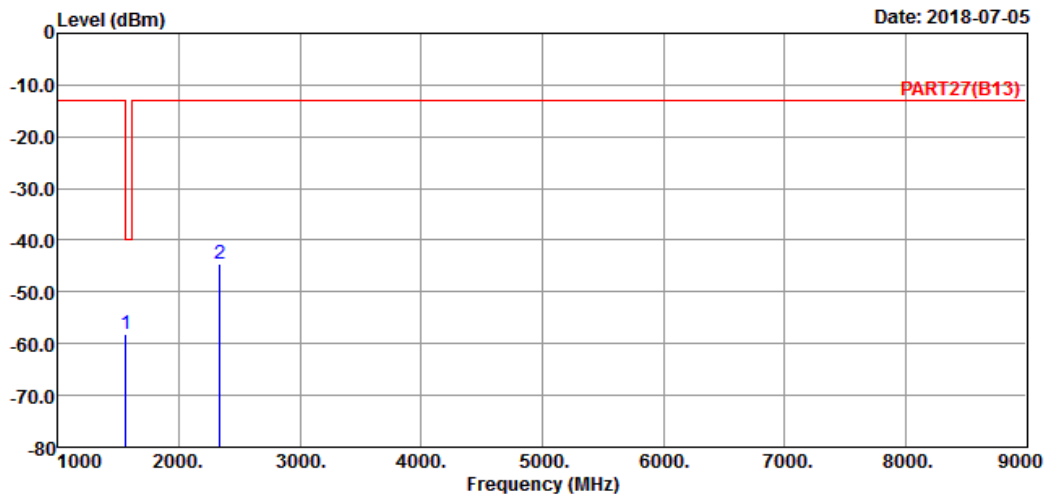
LTE Band 13_Full RB
Channel Bandwidth: 5 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



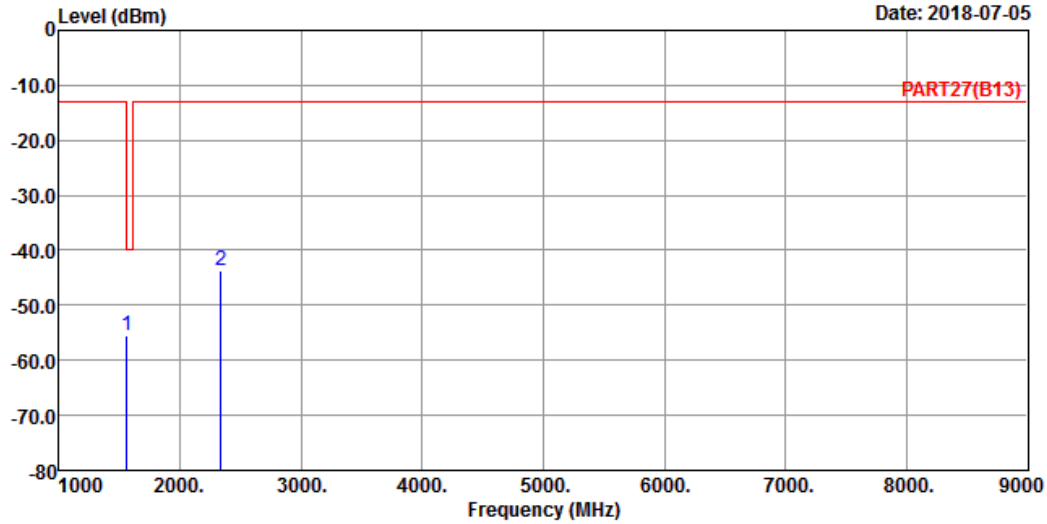
Site : 966 Chamber 5
Condition: PART27(B13) HORIZONTAL
Remak : Cat-M1 Band 13 QPSK_5M Link_L-CH
Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	pp 1559.00	-58.11	-44.79	-40.00	-18.11	-13.32	Peak
2	2338.50	-44.59	-35.21	-13.00	-31.59	-9.38	Peak



A D T

Data: 2



Site : 966 Chamber 5
 Condition: PART27(B13) VERTICAL
 Remak : Cat-M1 Band 13 QPSK_5M Link_L-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	pp 1559.00	-55.37	-42.05	-40.00	-15.37	-13.32	Peak
2	2338.50	-43.58	-34.20	-13.00	-30.58	-9.38	Peak

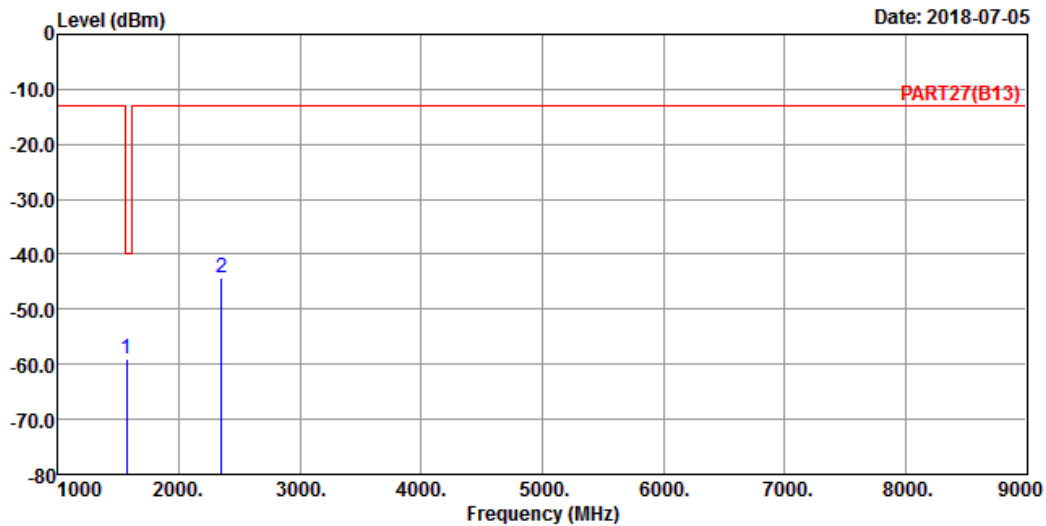
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



Site : 966 Chamber 5
 Condition: PART27(B13) HORIZONTAL
 Remak : Cat-M1 Band 13 QPSK_5M Link_M-CH
 Tested by: Thomas Wei

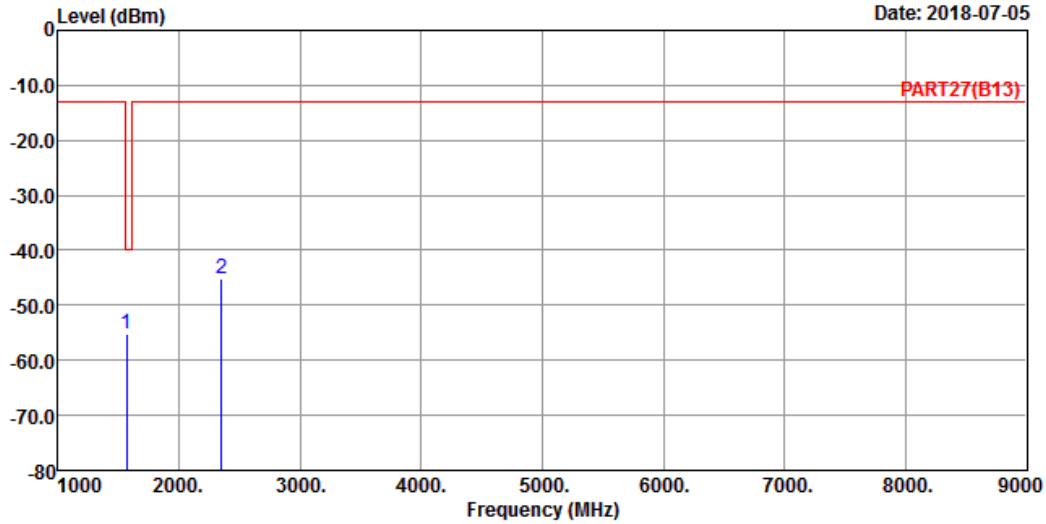
	Freq	Level	Read Level	Limit	Over	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1564.00	-59.01	-45.67	-40.00	-19.01	-13.34	Peak
2	2346.00	-44.16	-34.72	-13.00	-31.16	-9.44	Peak



A D T

Data: 2

Date: 2018-07-05



Site : 966 Chamber 5
 Condition: PART27(B13) VERTICAL
 Remak : Cat-M1 Band 13 QPSK_5M Link_M-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	pp 1564.00	-55.23	-41.89	-40.00	-15.23	-13.34	Peak
2	2346.00	-45.06	-35.62	-13.00	-32.06	-9.44	Peak

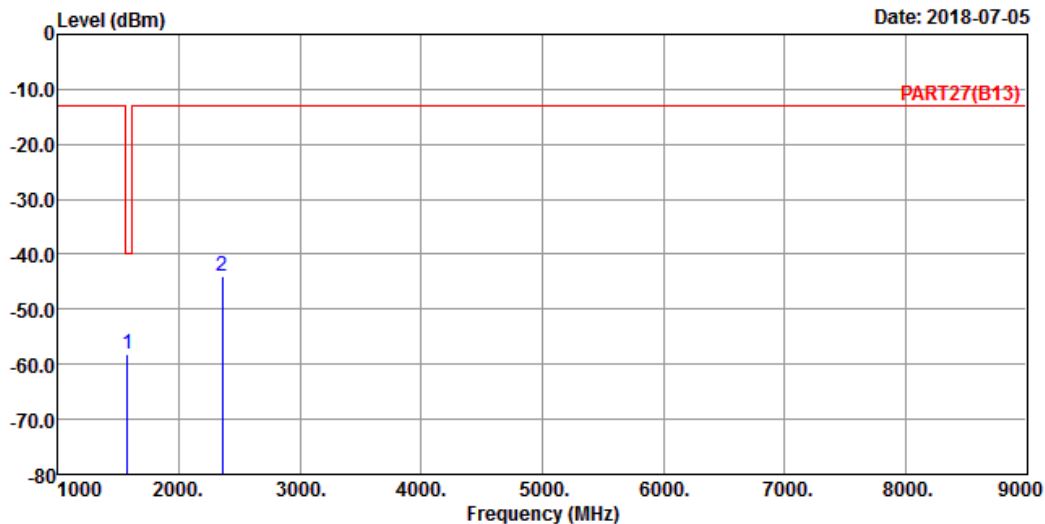
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



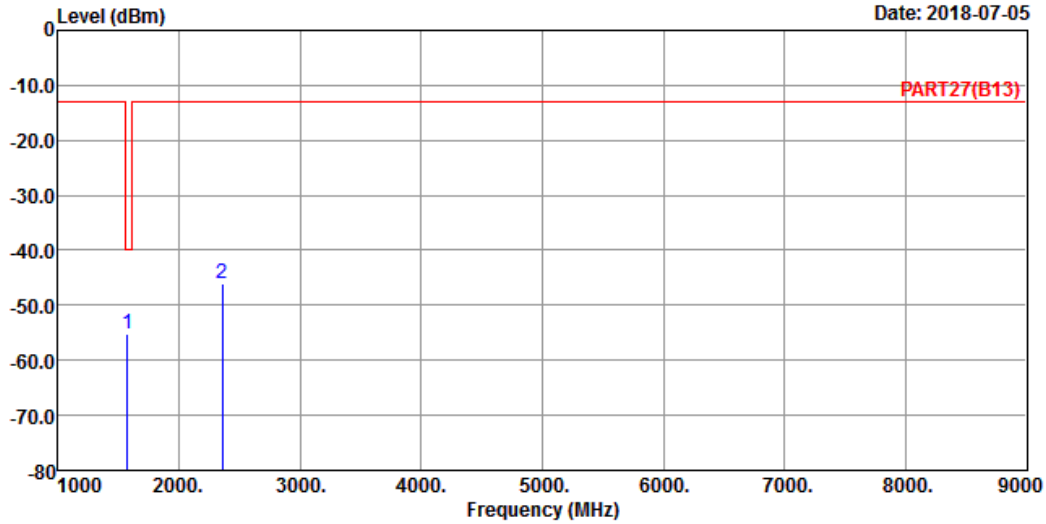
Site : 966 Chamber 5
 Condition: PART27(B13) HORIZONTAL
 Remak : Cat-M1 Band 13 QPSK_5M Link_H-CH
 Tested by: Thomas Wei

	Read	Limit	Over			
Freq	Level	Level	Line	Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp 1569.00	-58.01	-44.66	-40.00	-18.01	-13.35	Peak
2 2353.50	-44.01	-34.50	-13.00	-31.01	-9.51	Peak



A D T

Data: 2



Site : 966 Chamber 5
 Condition: PART27(B13) VERTICAL
 Remak : Cat-M1 Band 13 QPSK_5M Link_H-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	pp 1569.00	-55.31	-41.96	-40.00	-15.31	-13.35	Peak
2	2353.50	-45.99	-36.48	-13.00	-32.99	-9.51	Peak

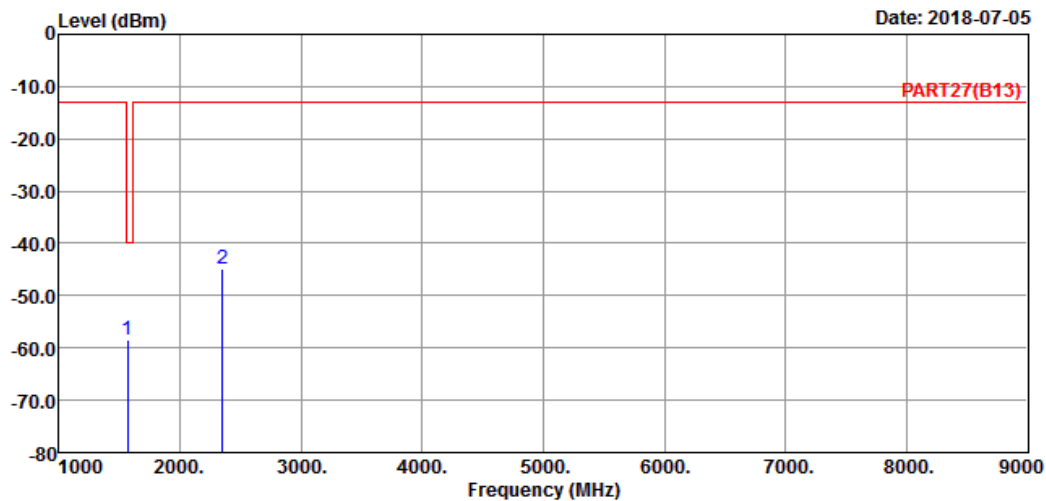
Channel Bandwidth: 10 MHz / QPSK
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



Site : 966 Chamber 5
Condition: PART27(B13) HORIZONTAL
Remak : Cat-M1 Band 13 QPSK_10M Link_M-CH
Tested by: Thomas Wei

	Read	Limit	Over				
Freq	Level	Level	Line	Limit	Factor	Remark	
MHz	dBm	dBm	dBm	dB	dB		
1 pp	1564.00	-58.48	-45.14	-40.00	-18.48	-13.34	Peak
2	2346.00	-44.75	-35.31	-13.00	-31.75	-9.44	Peak

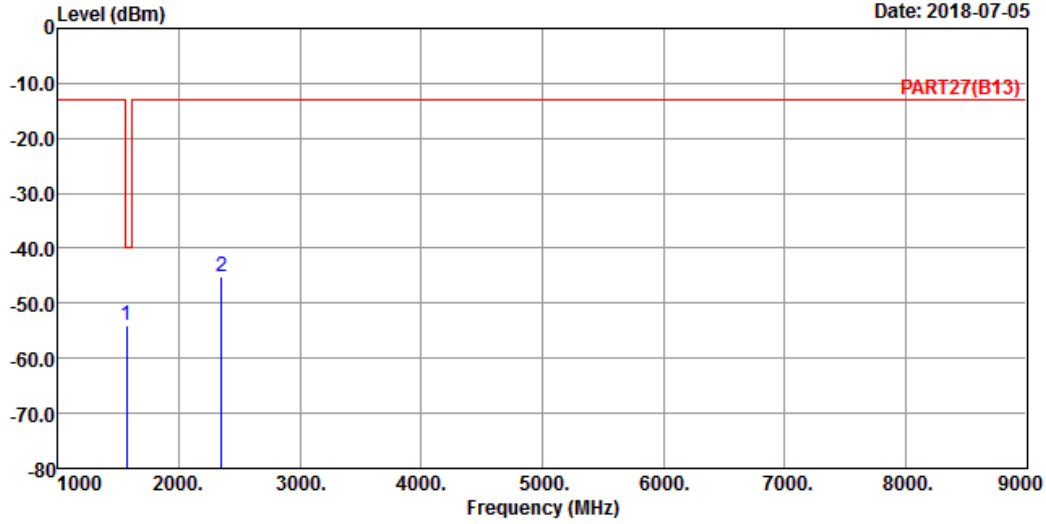


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 2

Date: 2018-07-05



Site : 966 Chamber 5
 Condition: PART27(B13) VERTICAL
 Remak : Cat-M1 Band 13 QPSK_10M Link_M-CH
 Tested by: Thomas Wei

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	pp 1564.00	-54.02	-40.68	-40.00	-14.02	-13.34	Peak
2	2346.00	-45.22	-35.78	-13.00	-32.22	-9.44	Peak

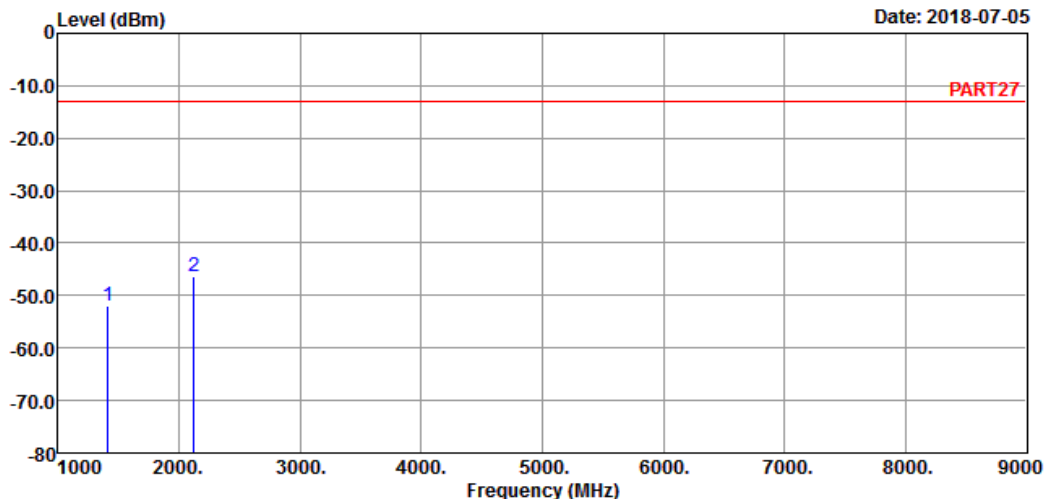
LTE Band 17
 Channel Bandwidth: 5 MHz / QPSK
 Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : Cat-M1 Band 17 QPSK_5M Link_L-CH
 Tested by: Jisyong Wang

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1413.00	-52.01	-39.99	-13.00	-39.01	-12.02	Peak
2 pp	2119.50	-46.31	-36.44	-13.00	-33.31	-9.87	Peak

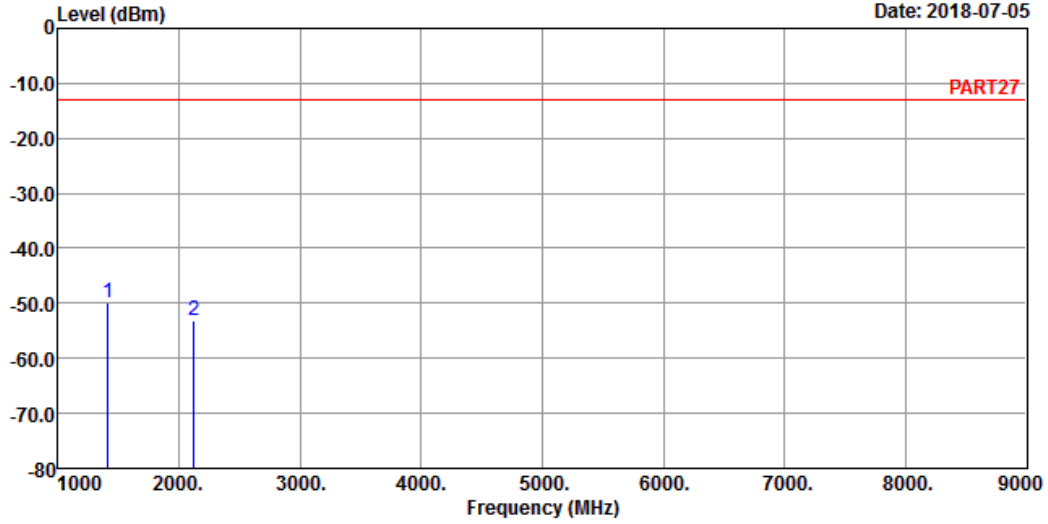


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 2

Date: 2018-07-05



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 17 QPSK_5M Link_L-CH
 Tested by: Jisyong Wang

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1413.00	-50.03	-38.01	-13.00	-37.03	-12.02	Peak
2	2119.50	-53.05	-43.18	-13.00	-40.05	-9.87	Peak

Middle Channel

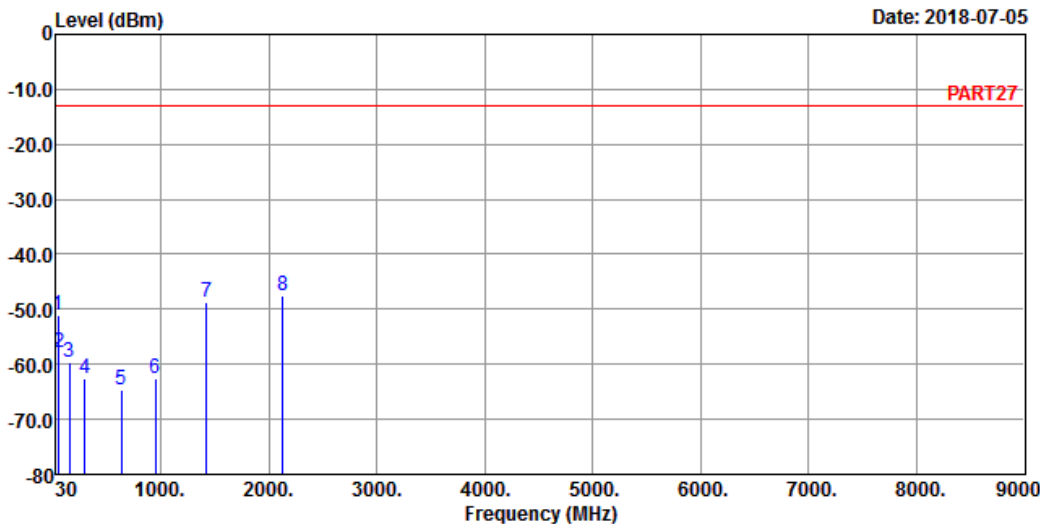


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5

Date: 2018-07-05



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : Cat-M1 Band 17 QPSK_10M Link_M-CH
 Tested by: Jisyong Wang

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	44.55	-51.10	-49.11	-13.00	-38.10	-1.99	Peak
2	54.25	-57.96	-51.89	-13.00	-44.96	-6.07	Peak
3	153.19	-59.50	-52.74	-13.00	-46.50	-6.76	Peak
4	297.72	-62.64	-55.67	-13.00	-49.64	-6.97	Peak
5	632.37	-64.69	-63.85	-13.00	-51.69	-0.84	Peak
6	952.47	-62.68	-64.58	-13.00	-49.68	1.90	Peak
7	1420.00	-48.85	-36.71	-13.00	-35.85	-12.14	Peak
8 pp	2130.00	-47.65	-37.88	-13.00	-34.65	-9.77	Peak

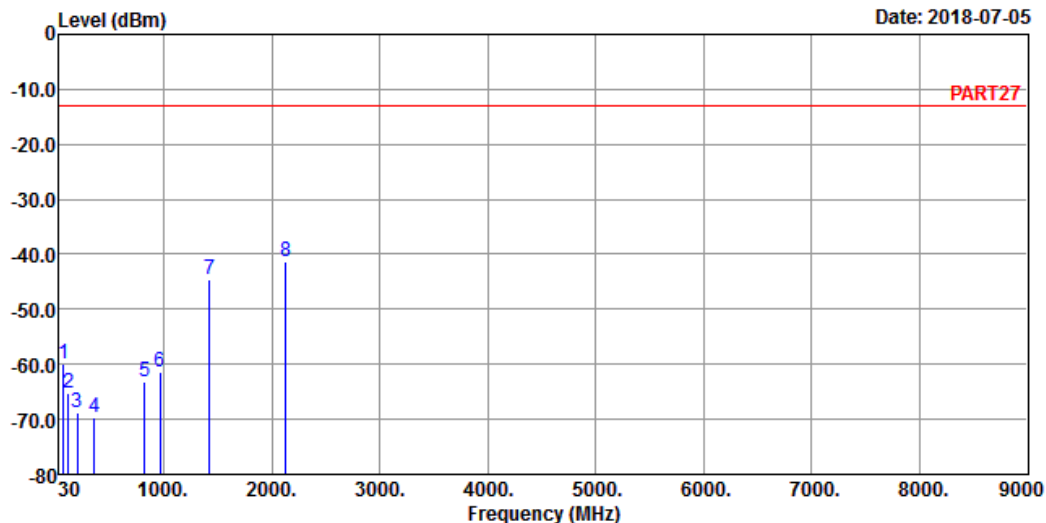


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-07-05



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 17 QPSK_10M Link_M-CH
 Tested by: Jisyong Wang

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	69.77	-60.05	-51.65	-13.00	-47.05	-8.40	Peak
2	112.45	-65.35	-55.15	-13.00	-52.35	-10.20	Peak
3	194.90	-68.64	-61.09	-13.00	-55.64	-7.55	Peak
4	355.92	-69.59	-63.39	-13.00	-56.59	-6.20	Peak
5	821.52	-63.11	-63.65	-13.00	-50.11	0.54	Peak
6	966.05	-61.29	-63.67	-13.00	-48.29	2.38	Peak
7	1420.00	-44.48	-32.34	-13.00	-31.48	-12.14	Peak
8 pp	2130.00	-41.40	-31.63	-13.00	-28.40	-9.77	Peak

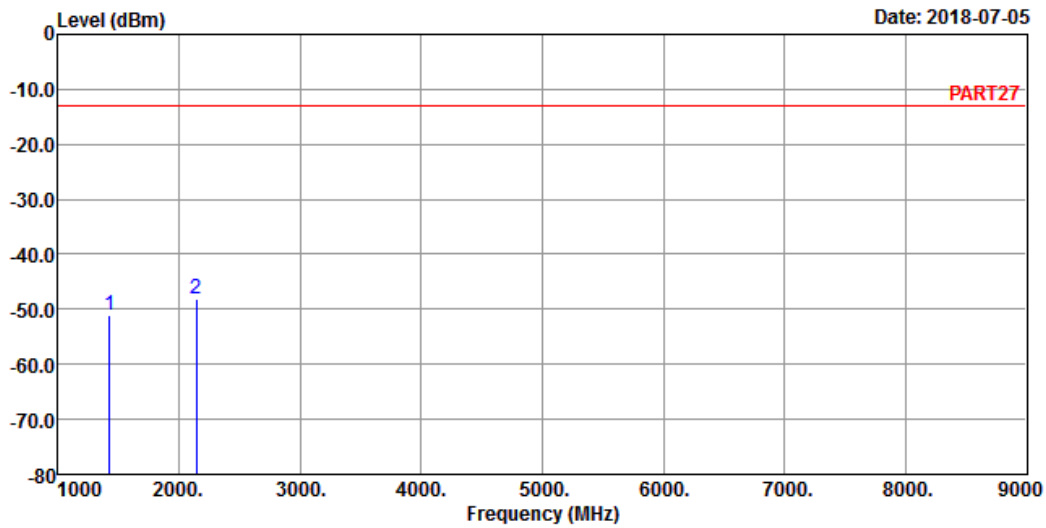
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



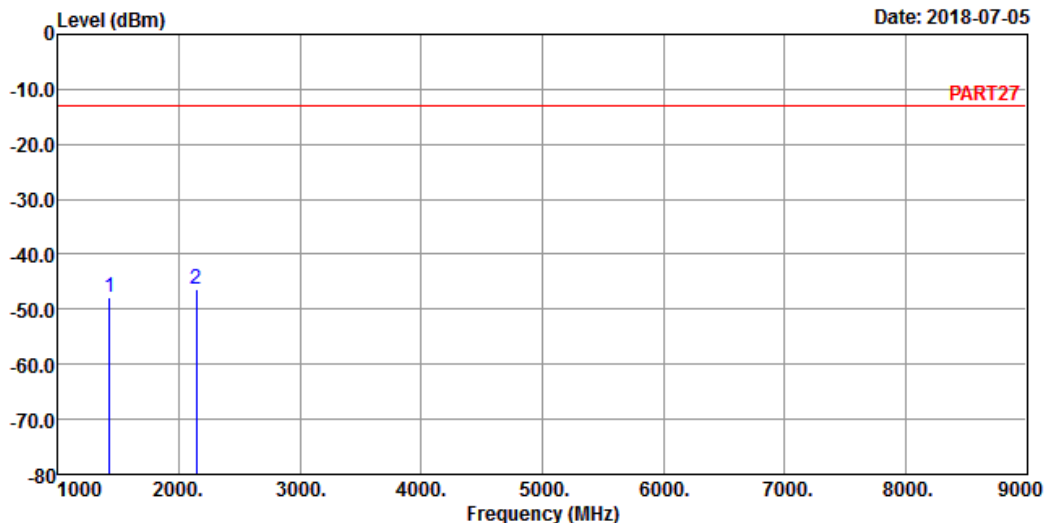
Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : Cat-M1 Band 17 QPSK_5M Link_H-CH
 Tested by: Jisyong Wang

	Freq	Level	Read Level	Limit	Over	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1427.00	-51.14	-38.89	-13.00	-38.14	-12.25	Peak
2	pp 2140.50	-48.02	-38.45	-13.00	-35.02	-9.57	Peak



A D T

Data: 2



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 17 QPSK_5M Link_H-CH
 Tested by: Jisyong Wang

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1427.00	-47.85	-35.60	-13.00	-34.85	-12.25	Peak
2 pp	2140.50	-46.25	-36.68	-13.00	-33.25	-9.57	Peak

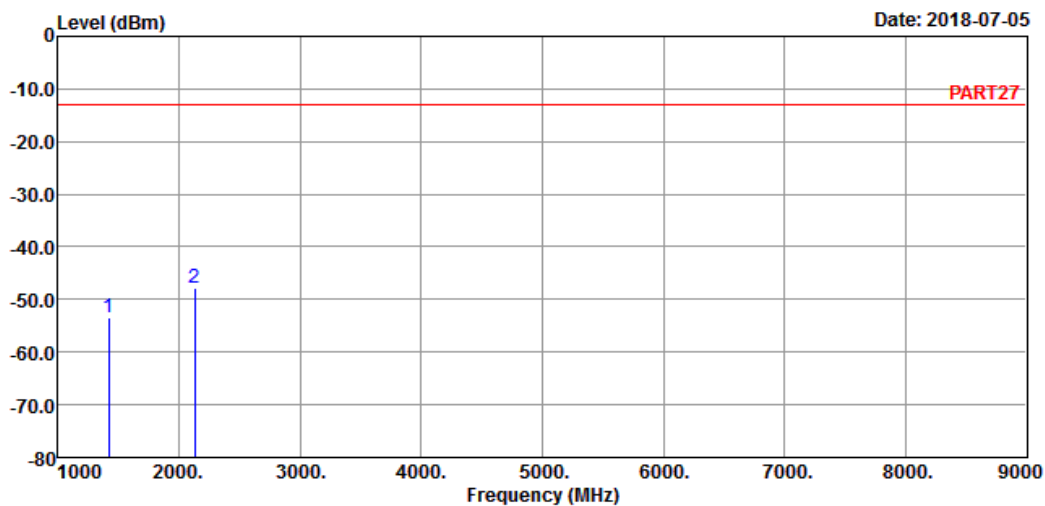
Channel Bandwidth: 10 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



Site : 966 Chamber 5
Condition: PART27 HORIZONTAL
Remak : Cat-M1 Band 17 QPSK_10M Link_L-CH
Tested by: Jisyong Wang

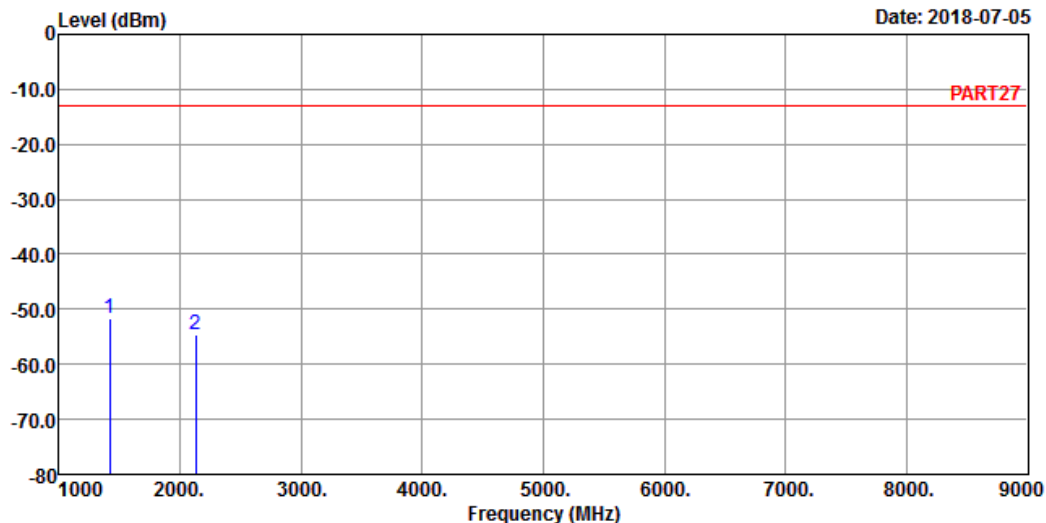
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1418.00	-53.37	-41.23	-13.00	-40.37	-12.14	Peak
2 pp	2127.00	-47.95	-38.18	-13.00	-34.95	-9.77	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 2



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 17 QPSK_10M Link_L-CH
 Tested by: Jisyong Wang

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1418.00	-51.53	-39.39	-13.00	-38.53	-12.14	Peak
2	2127.00	-54.52	-44.75	-13.00	-41.52	-9.77	Peak

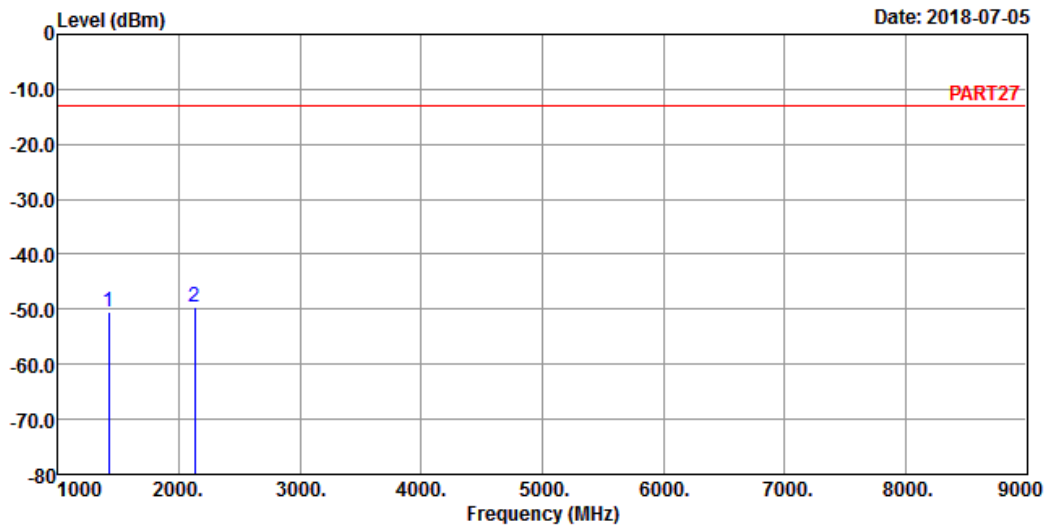
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : Cat-M1 Band 17 QPSK_10M Link_M-CH
 Tested by: Jisyong Wang

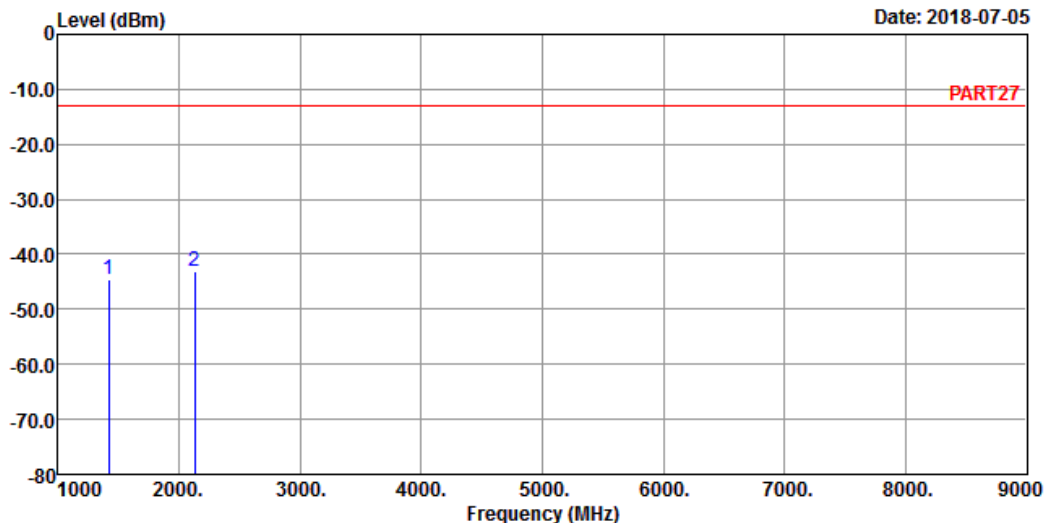
	Freq	Level	Read Level	Limit	Over	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1420.00	-50.45	-38.31	-13.00	-37.45	-12.14	Peak
2	pp 2130.00	-49.56	-39.79	-13.00	-36.56	-9.77	Peak



A D T

Data: 2

Date: 2018-07-05



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 17 QPSK_10M Link_M-CH
 Tested by: Jisyong Wang

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1420.00	-44.48	-32.34	-13.00	-31.48	-12.14	Peak
2 pp	2130.00	-43.01	-33.24	-13.00	-30.01	-9.77	Peak

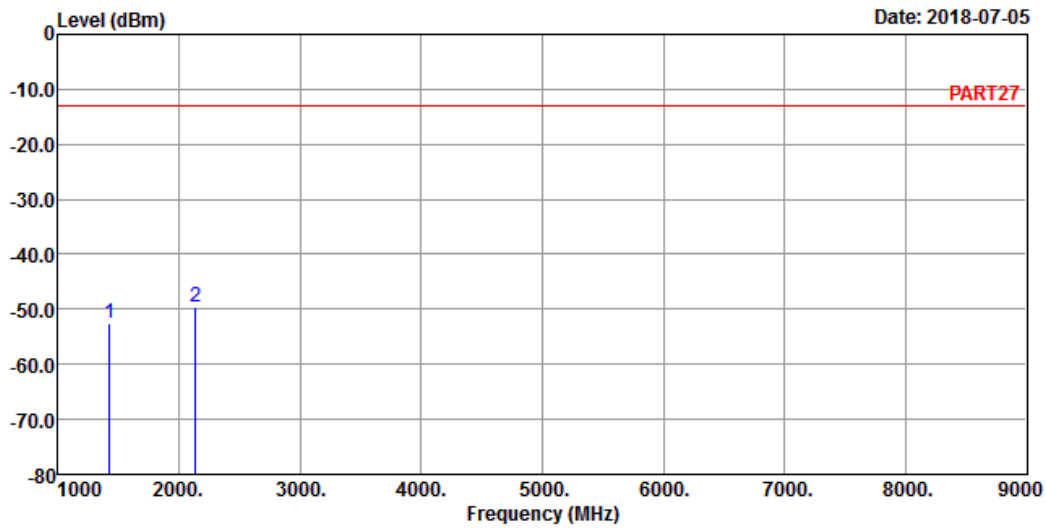
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 1



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : Cat-M1 Band 17 QPSK_10M Link_H-CH
 Tested by: Jisyong Wang

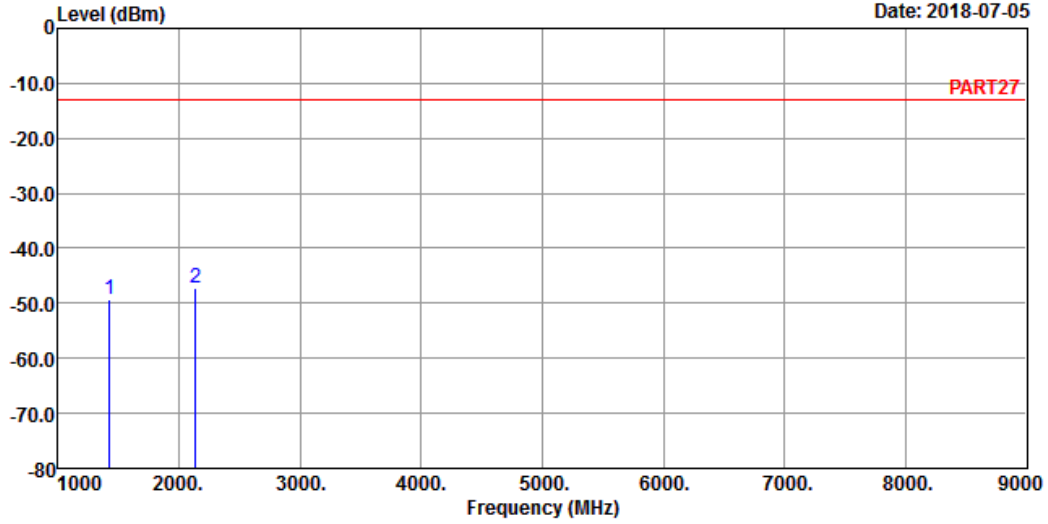
	Freq	Level	Read Level	Limit	Over	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1422.00	-52.52	-40.33	-13.00	-39.52	-12.19	Peak
2 pp	2133.00	-49.62	-39.95	-13.00	-36.62	-9.67	Peak



A D T

Data: 2

Date: 2018-07-05



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 17 QPSK_10M Link_H-CH
 Tested by: Jisyong Wang

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1422.00	-49.38	-37.19	-13.00	-36.38	-12.19	Peak
2 pp	2133.00	-47.12	-37.45	-13.00	-34.12	-9.67	Peak

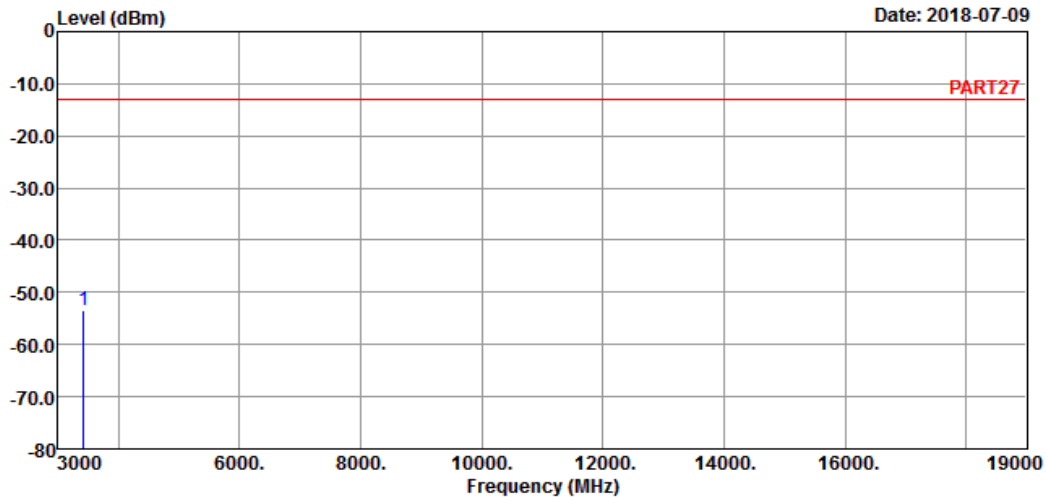
LTE Band 66:
 Channel Bandwidth: 1.4 MHz / QPSK
 Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : Cat-M1 Band 66 QPSK_1.4M_L-CH Link
 Tested by: Jisyong Wang

Freq	Level	Read		Over		Remark
		Level	Limit	Limit	Factor	
MHz	dBm	dBm	dBm	dB	dB	
1 pp 3421.40	-53.52	-45.18	-13.00	-40.52	-8.34	Peak

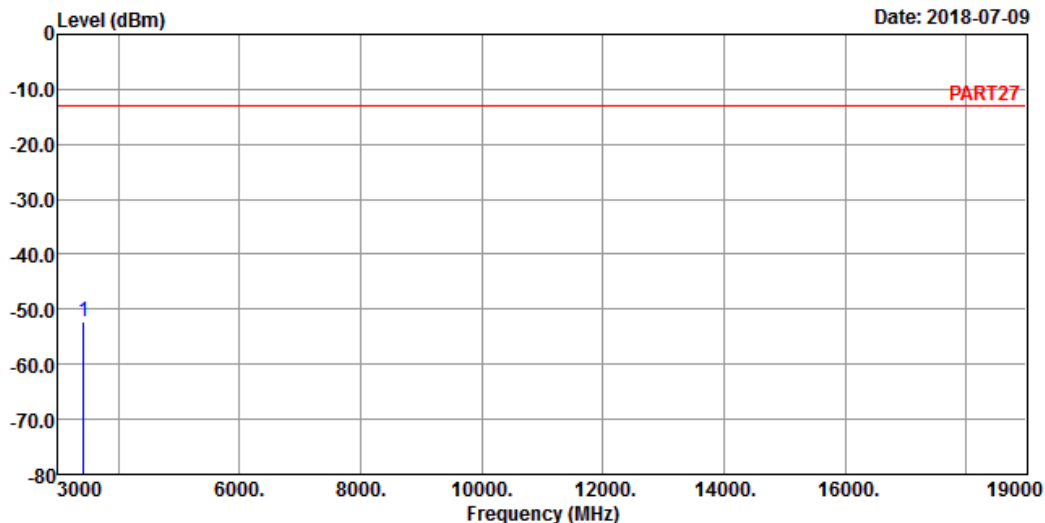


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2018-07-09



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 66 QPSK_1.4M_L-CH Link
 Tested by: Jisyong Wang

Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp 3421.40	-52.14	-43.80	-13.00	-39.14	-8.34	Peak

Middle Channel

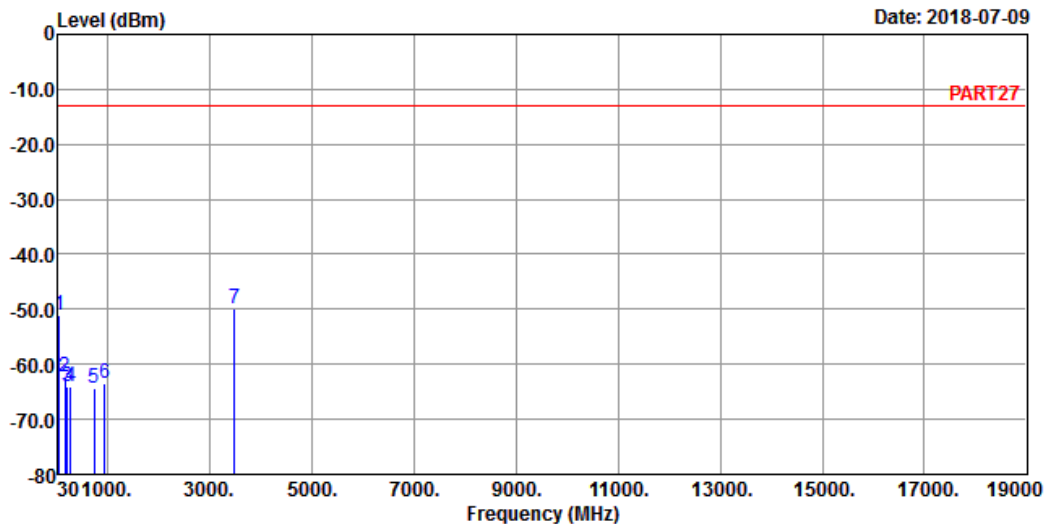


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5

Date: 2018-07-09



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : Cat-M1 Band 66 QPSK_1.4M_M-CH Link
 Tested by: Jisyong Wang

	Freq	Level	Read Level	Limit	Over	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	45.52	-51.15	-48.65	-13.00	-38.15	-2.50	Peak
2	159.98	-62.37	-57.53	-13.00	-49.37	-4.84	Peak
3	207.51	-64.03	-56.32	-13.00	-51.03	-7.71	Peak
4	274.44	-64.03	-57.54	-13.00	-51.03	-6.49	Peak
5	727.43	-64.33	-64.77	-13.00	-51.33	0.44	Peak
6	933.07	-63.42	-64.81	-13.00	-50.42	1.39	Peak
7 pp	3490.00	-50.01	-42.36	-13.00	-37.01	-7.65	Peak

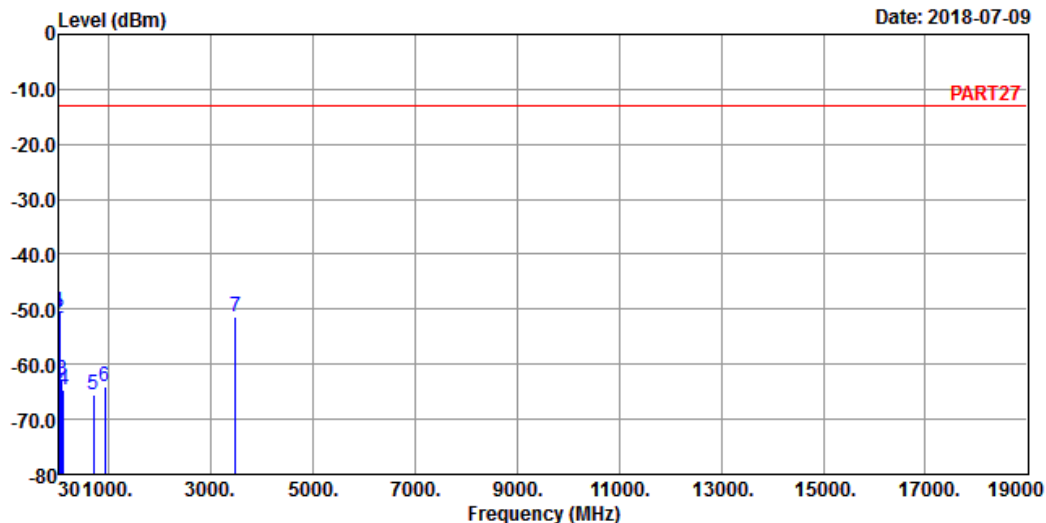


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-07-09



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 66 QPSK_1.4M_M-CH Link
 Tested by: Jisyong Wang

	Read	Limit	Over				
Freq	Level	Level	Line	Limit	Factor	Remark	
MHz	dBm	dBm	dBm	dB	dB		
1 pp	30.97	-50.55	-50.44	-13.00	-37.55	-0.11	Peak
2	42.61	-51.60	-50.66	-13.00	-38.60	-0.94	Peak
3	78.50	-62.83	-52.40	-13.00	-49.83	-10.43	Peak
4	113.42	-64.63	-54.48	-13.00	-51.63	-10.15	Peak
5	705.12	-65.48	-65.48	-13.00	-52.48	0.00	Peak
6	930.16	-64.04	-65.36	-13.00	-51.04	1.32	Peak
7	3490.00	-51.25	-43.60	-13.00	-38.25	-7.65	Peak

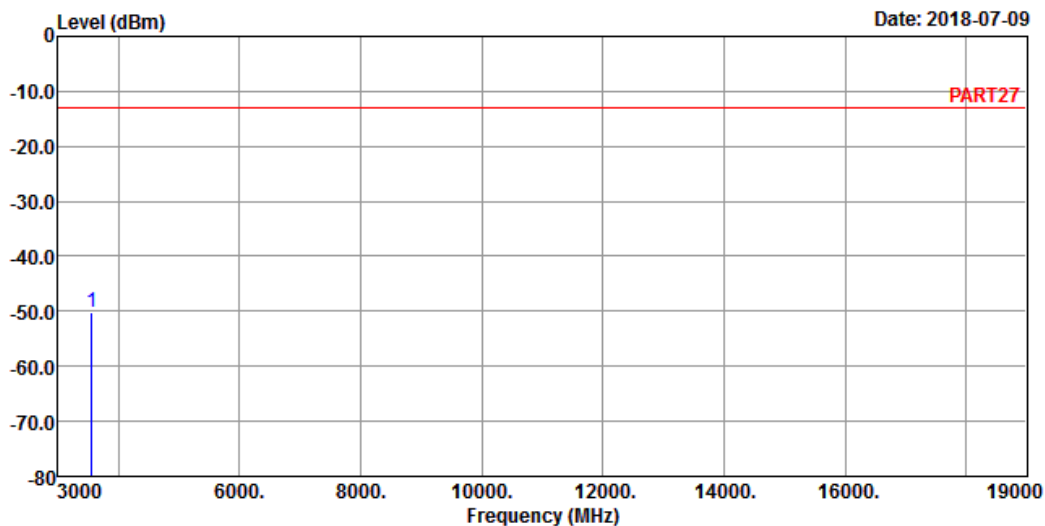
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : Cat-M1 Band 66 QPSK_1.4M_H-CH Link
 Tested by: Jisyong Wang

	Read	Limit	Over			
Freq	Level	Level	Line	Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp 3558.60	-50.12	-43.05	-13.00	-37.12	-7.07	Peak

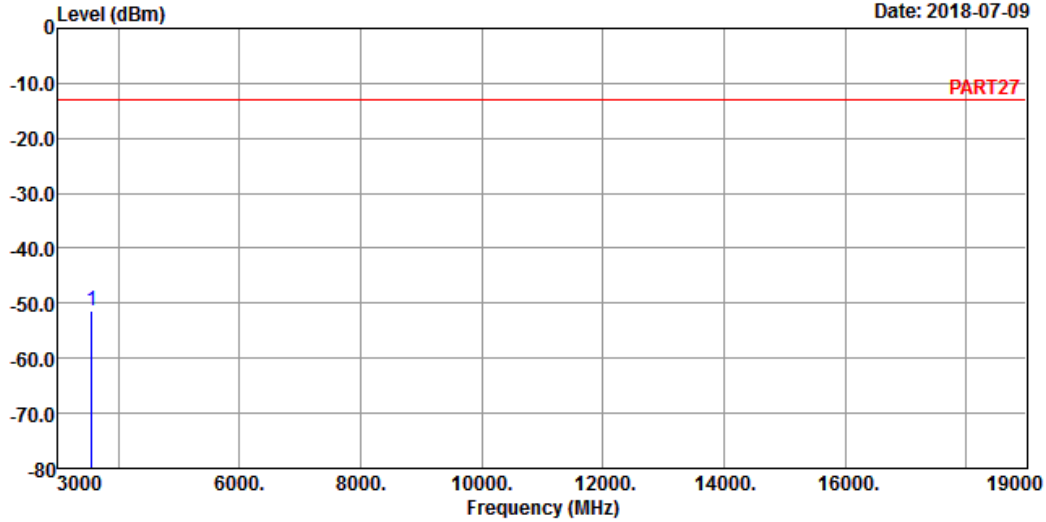


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2018-07-09



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 66 QPSK_1.4M_H-CH Link
 Tested by: Jisyong Wang

Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp 3558.60	-51.25	-44.18	-13.00	-38.25	-7.07	Peak

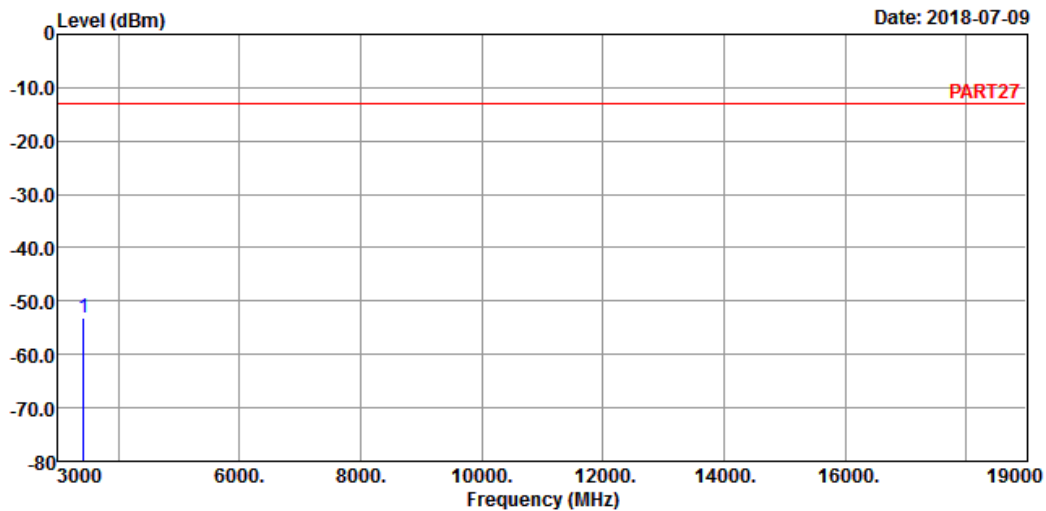
Channel Bandwidth: 5 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 Chamber 5
Condition: PART27 HORIZONTAL
Remak : Cat-M1 Band 66 QPSK_5M_L-CH Link
Tested by: Jisyong Wang

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

1 pp 3425.00 -53.25 -44.91 -13.00 -40.25 -8.34 Peak

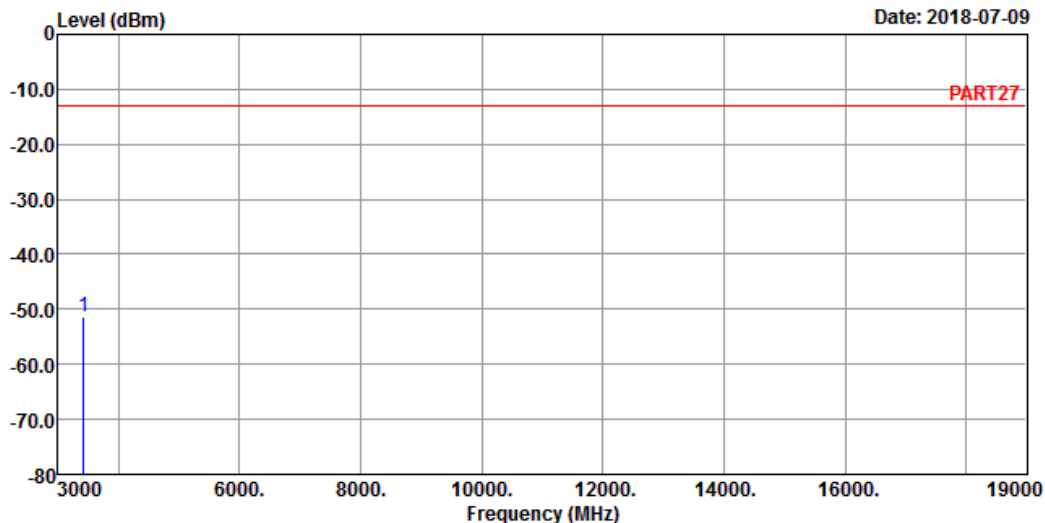


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2018-07-09



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 66 QPSK_5M_L-CH Link
 Tested by: Jisyong Wang

Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp 3425.00	-51.48	-43.14	-13.00	-38.48	-8.34	Peak

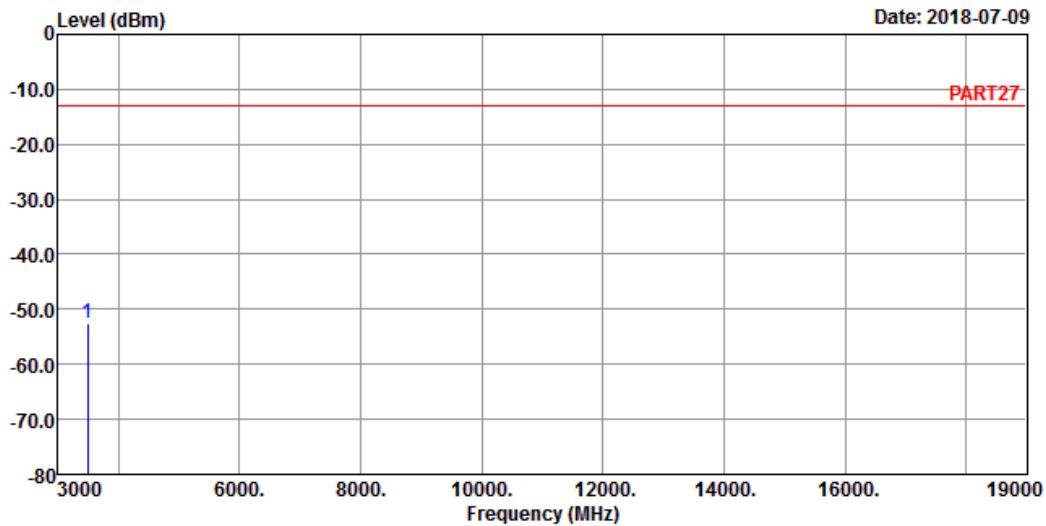
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : Cat-M1 Band 66 QPSK_5M_M-CH Link
 Tested by: Jisyong Wang

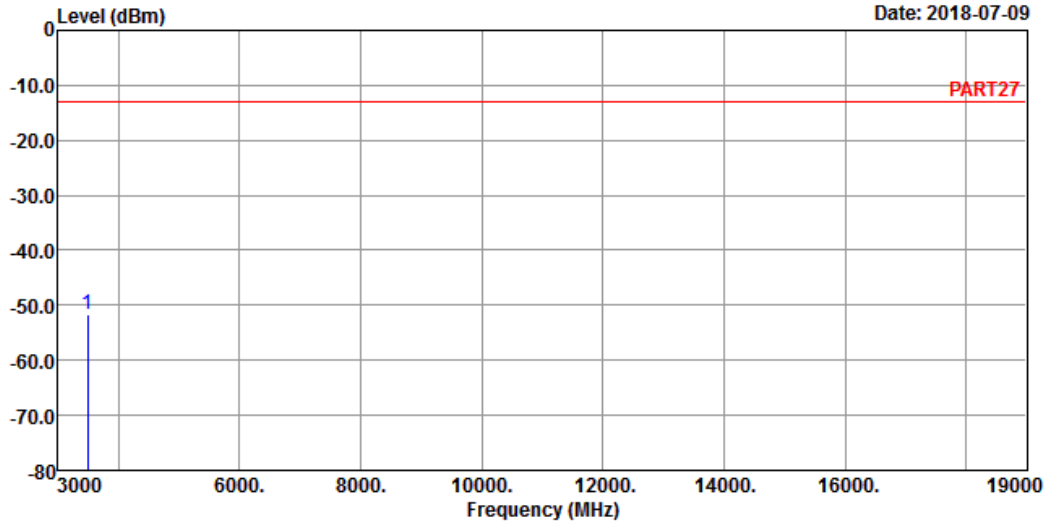
	Read	Limit	Over			
Freq	Level	Level	Line	Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp 3490.00	-52.58	-44.93	-13.00	-39.58	-7.65	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 66 QPSK_5M_M-CH Link
 Tested by: Jisyong Wang

Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp 3490.00	-51.65	-44.00	-13.00	-38.65	-7.65	Peak

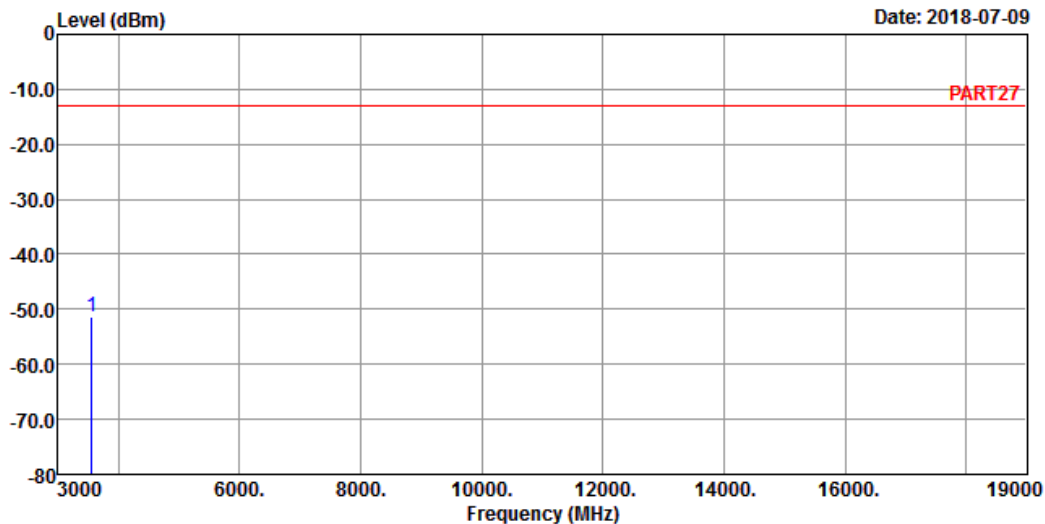
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : Cat-M1 Band 66 QPSK_5M_H-CH Link
 Tested by: Jisyong Wang

	Read	Limit	Over			
Freq	Level	Level	Line	Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp 3555.00	-51.23	-44.08	-13.00	-38.23	-7.15	Peak

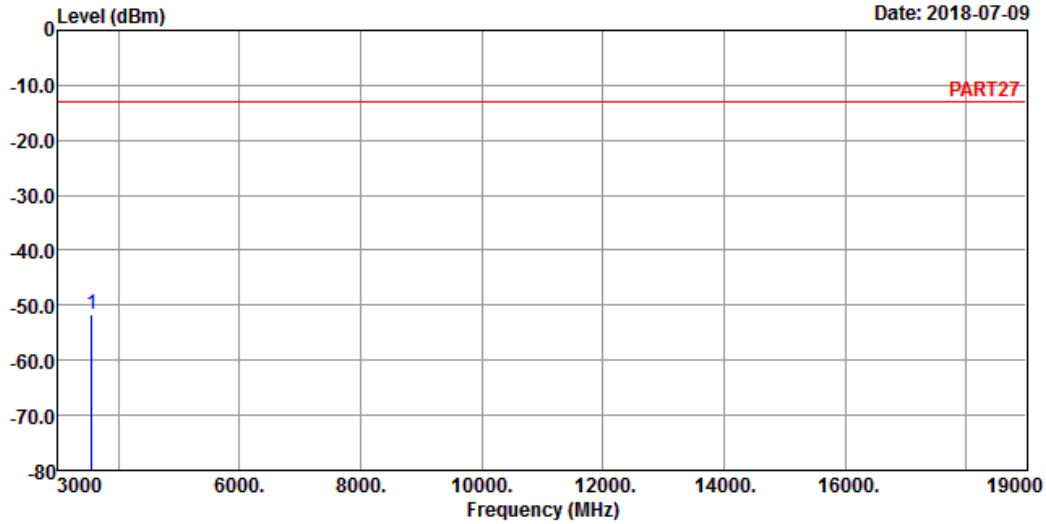


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2018-07-09



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 66 QPSK_5M_H-CH Link
 Tested by: Jisyong Wang

Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp 3555.00	-51.69	-44.54	-13.00	-38.69	-7.15	Peak

Channel Bandwidth: 20 MHz / QPSK
Low Channel

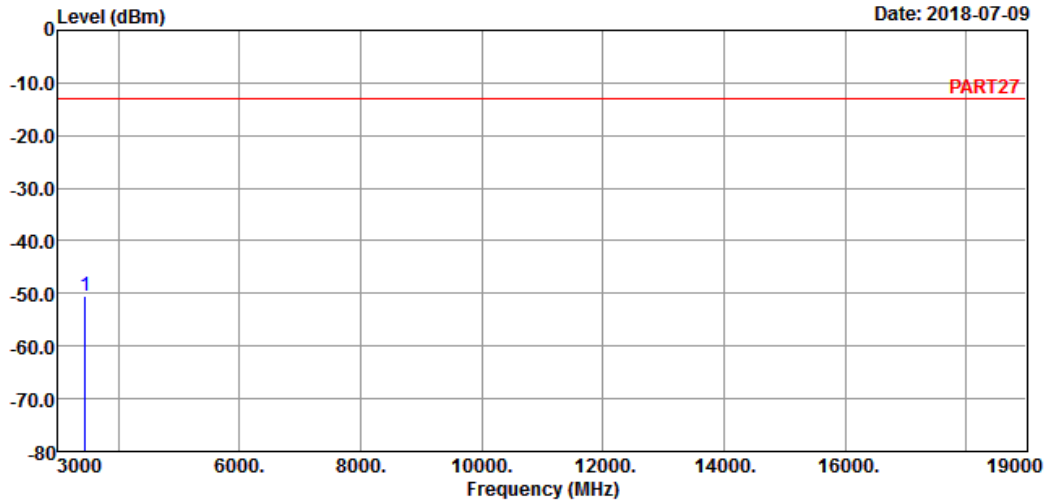


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3

Date: 2018-07-09



Site : 966 Chamber 5
Condition: PART27 HORIZONTAL
Remak : Cat-M1 Band 66 QPSK_20M_L-CH Link
Tested by: Jisyong Wang

	Read	Limit	Over			
Freq	Level	Level	Line	Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp 3440.00	-50.41	-42.19	-13.00	-37.41	-8.22	Peak

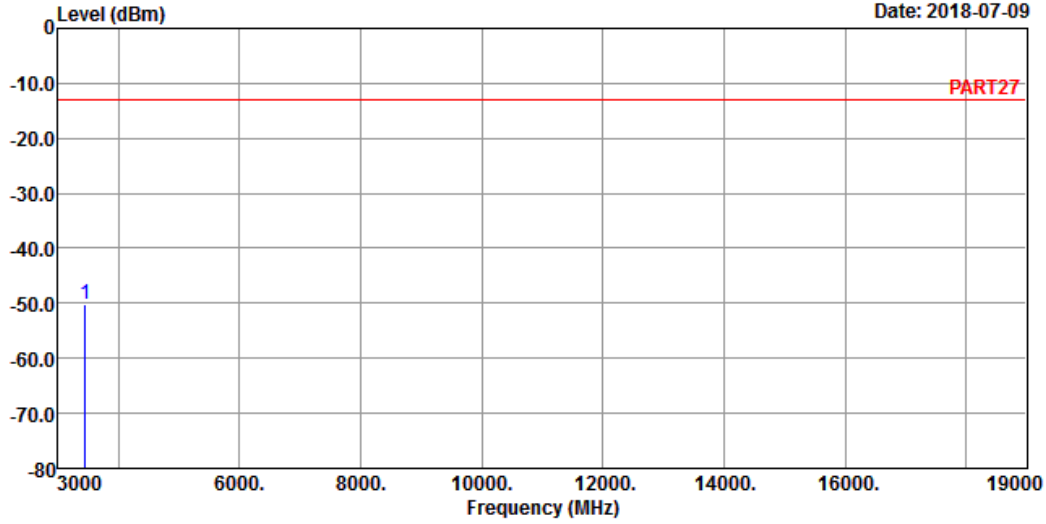


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2018-07-09



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 66 QPSK_20M_L-CH Link
 Tested by: Jisyong Wang

Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp 3440.00	-50.23	-42.01	-13.00	-37.23	-8.22	Peak

Middle Channel

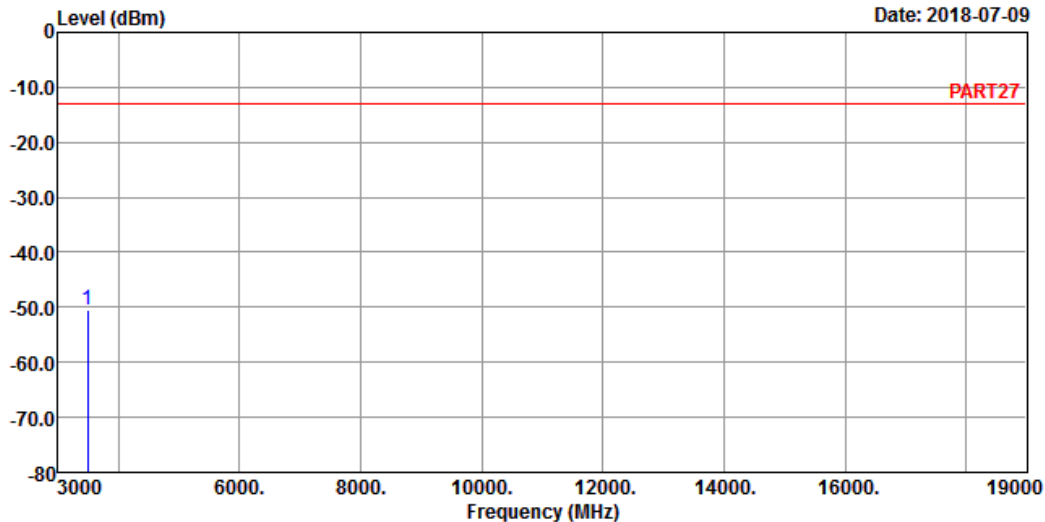


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3

Date: 2018-07-09



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : Cat-M1 Band 66 QPSK_20M_M-CH Link
 Tested by: Jisyong Wang

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

1 pp 3490.00 -50.41 -42.76 -13.00 -37.41 -7.65 Peak

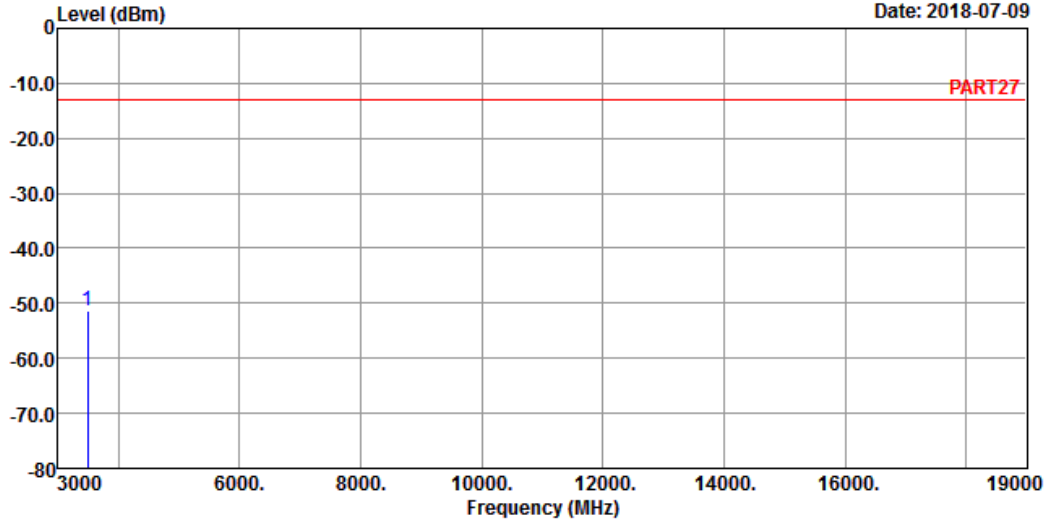


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4

Date: 2018-07-09



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 66 QPSK_20M_M-CH Link
 Tested by: Jisyong Wang

Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp 3490.00	-51.23	-43.58	-13.00	-38.23	-7.65	Peak

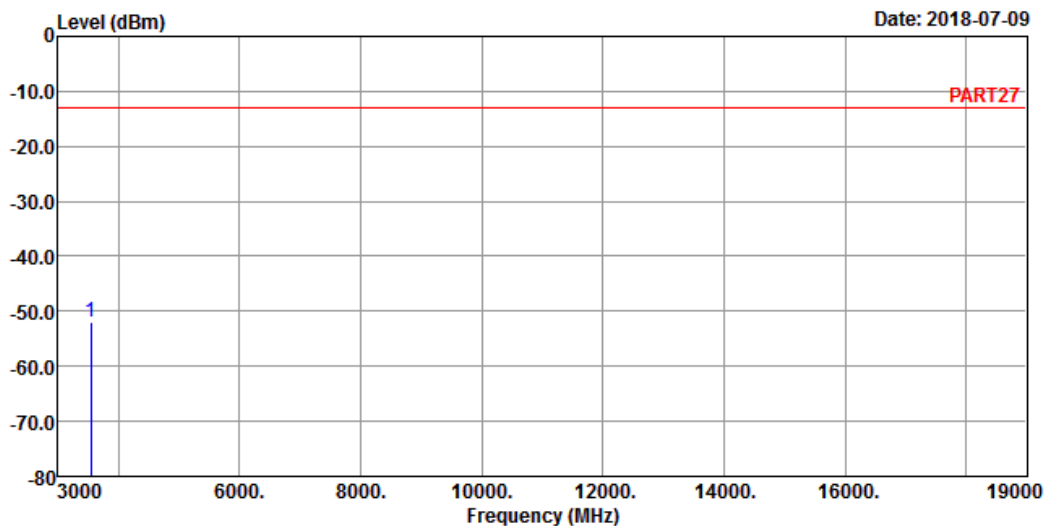
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : Cat-M1 Band 66 QPSK_20M_H-CH Link
 Tested by: Jisyong Wang

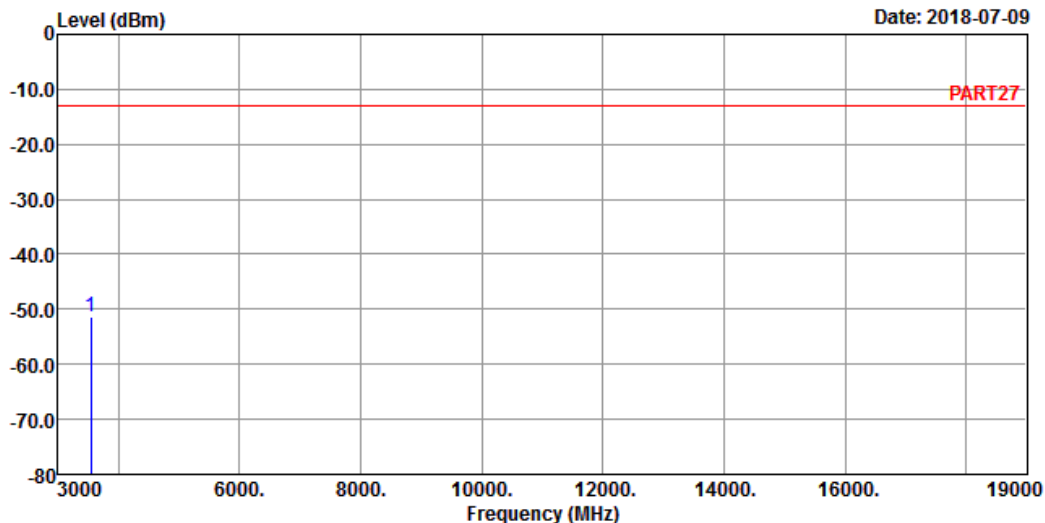
	Read	Limit	Over			
Freq	Level	Level	Line	Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp 3540.00	-51.99	-44.77	-13.00	-38.99	-7.22	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : Cat-M1 Band 66 QPSK_20M_H-CH Link
 Tested by: Jisyong Wang

Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp 3540.00	-51.25	-44.03	-13.00	-38.25	-7.22	Peak

5 Pictures of Test Arrangements

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

Appendix – Information on 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: 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.

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