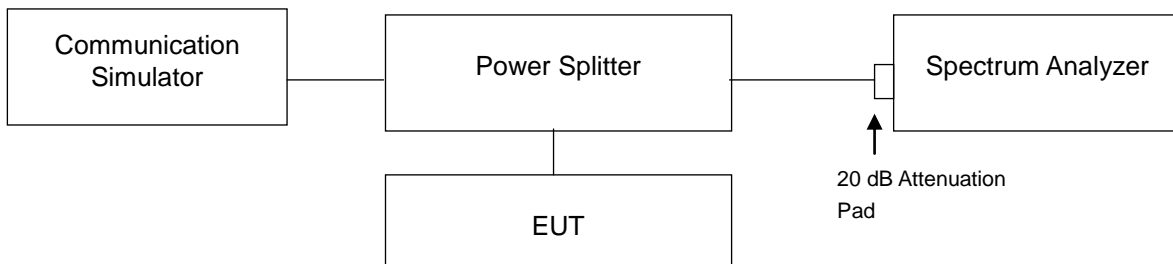


4.6 Conducted Spurious Emissions

4.6.1 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 $43 + 10 \log_{10}(P)$ dB. The limit of emission is equal to -13 dBm.

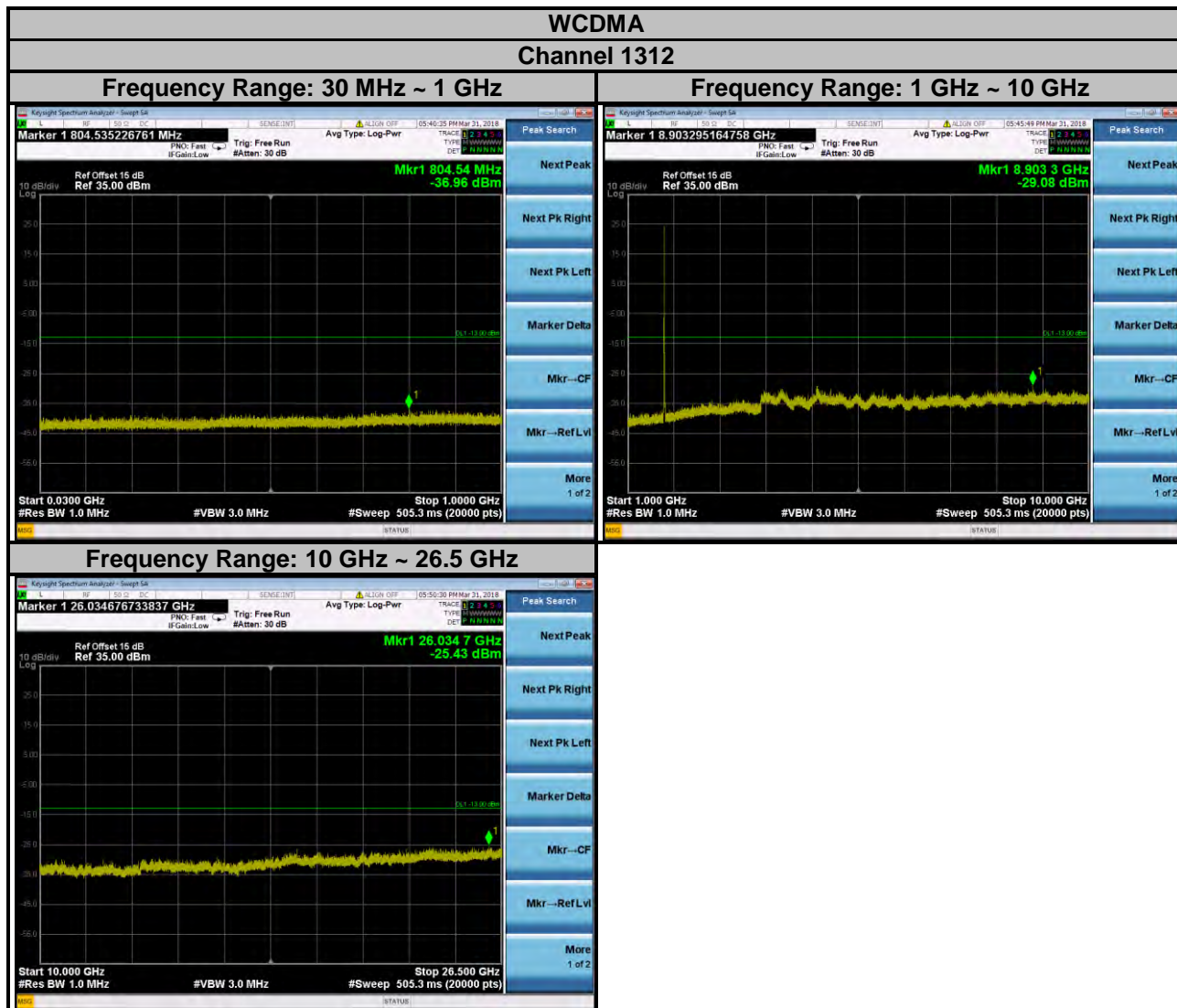
4.6.2 Test Setup



4.6.3 Test Procedure

- 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 30 MHz to 10 GHz for LTE Band 12/17 and from 30 MHz to 26.5 GHz for WCDMA and LTE Band 4. 10 dB attenuation pad is connected with spectrum. RBW = 1 MHz and VBW = 3 MHz are used for conducted emission measurement.

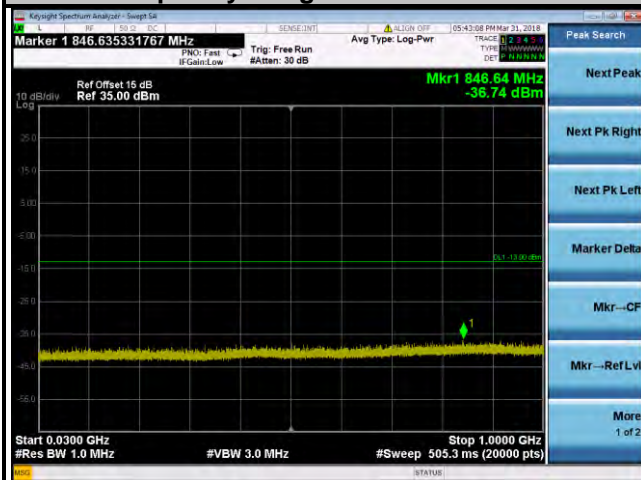
4.6.4 Test Results



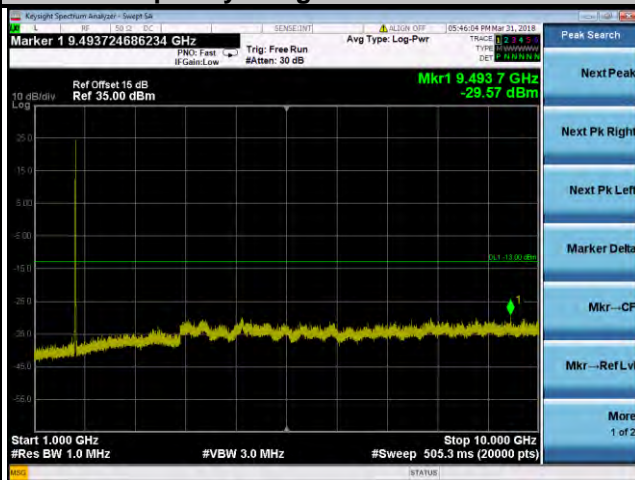
WCDMA

Channel 1413

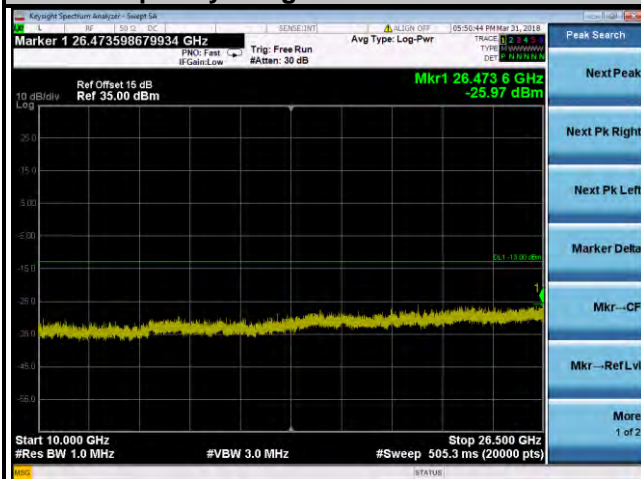
Frequency Range: 30 MHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



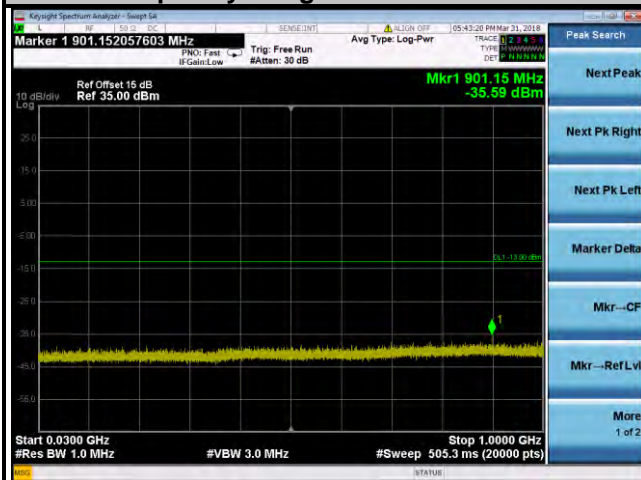
Frequency Range: 10 GHz ~ 26.5 GHz



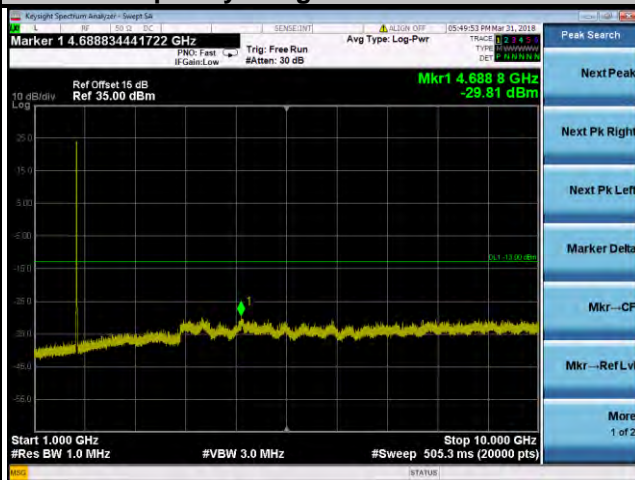
WCDMA

Channel 1513

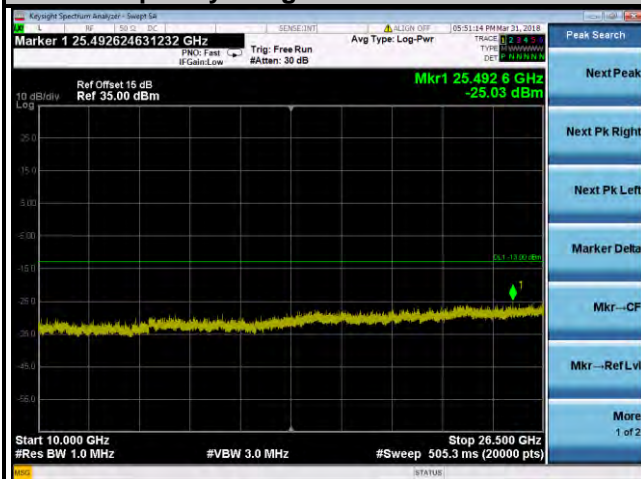
Frequency Range: 30 MHz ~ 1 GHz



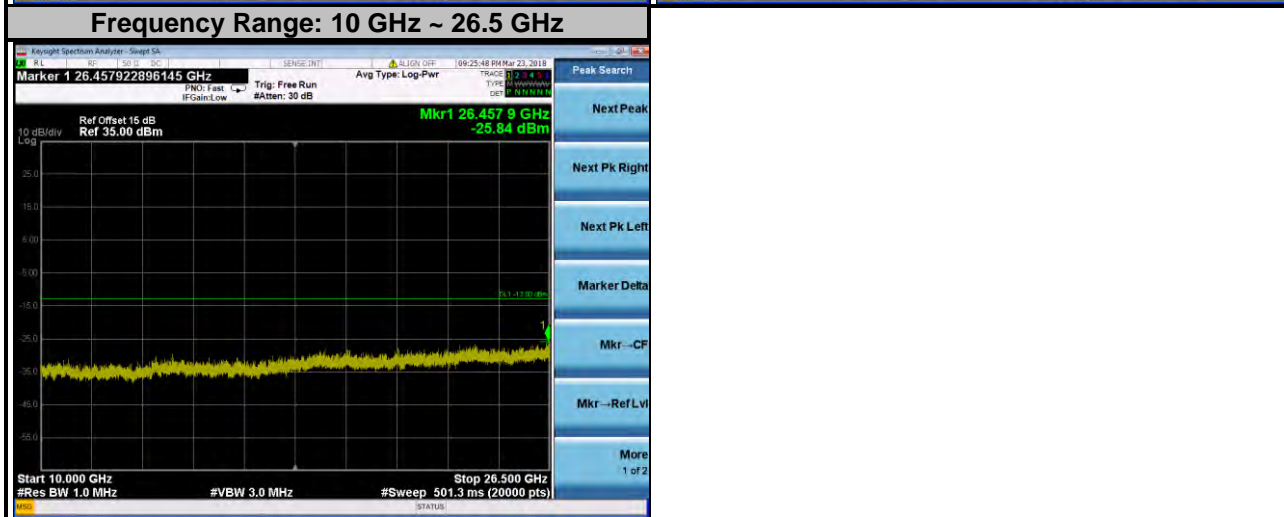
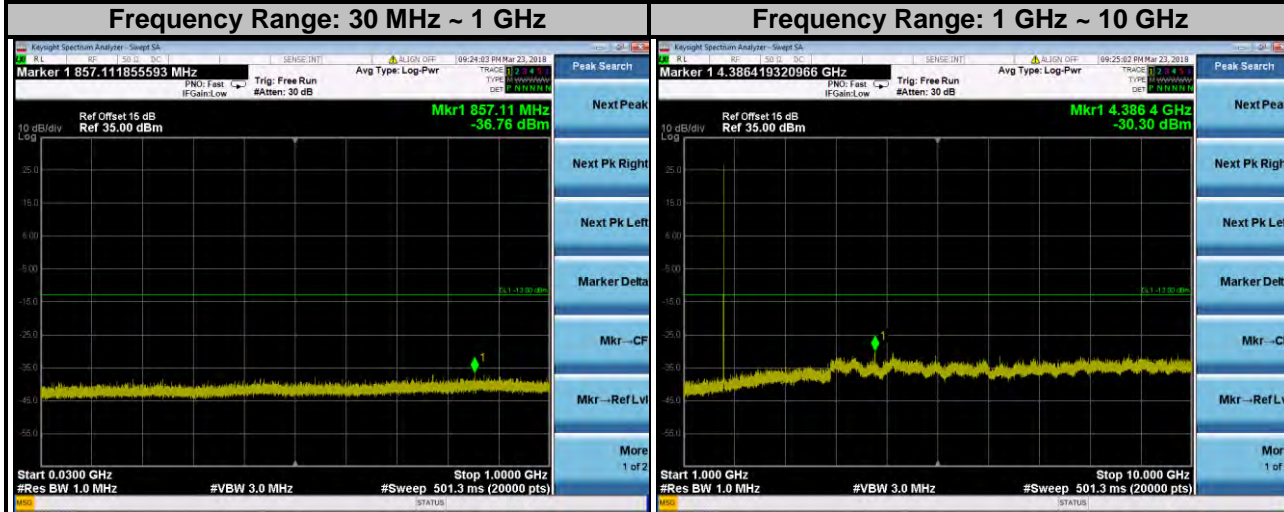
Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 26.5 GHz



LTE Band 4
Channel Bandwidth: 1.4 MHz
Channel 19957



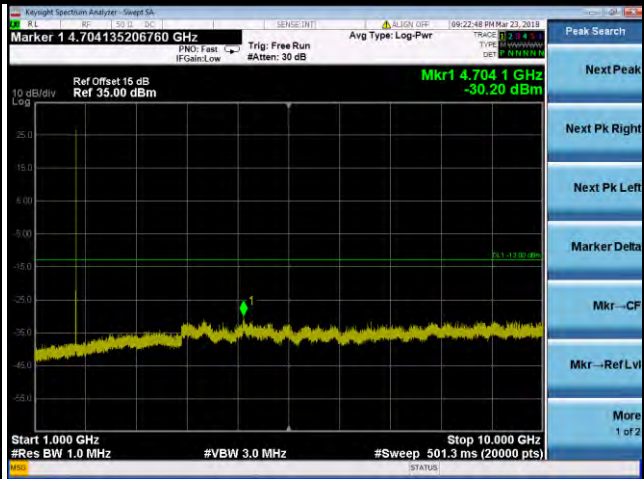
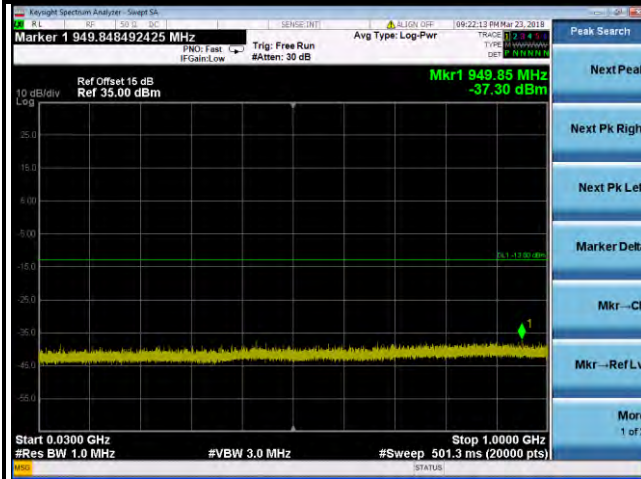
LTE Band 4

Channel Bandwidth: 1.4 MHz

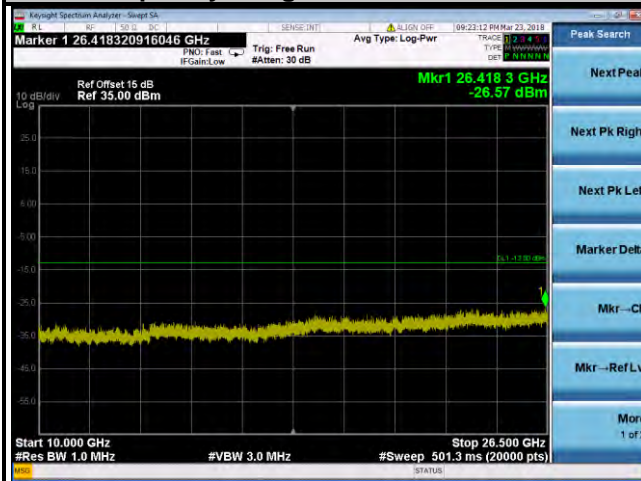
Channel 20175

Frequency Range: 30 MHz ~ 1 GHz

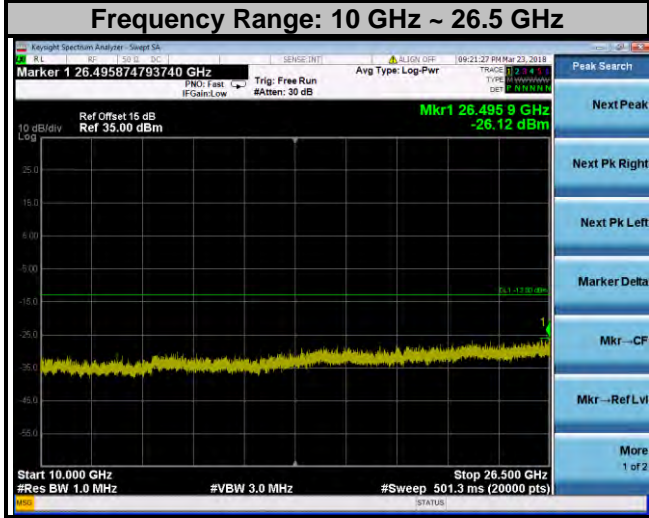
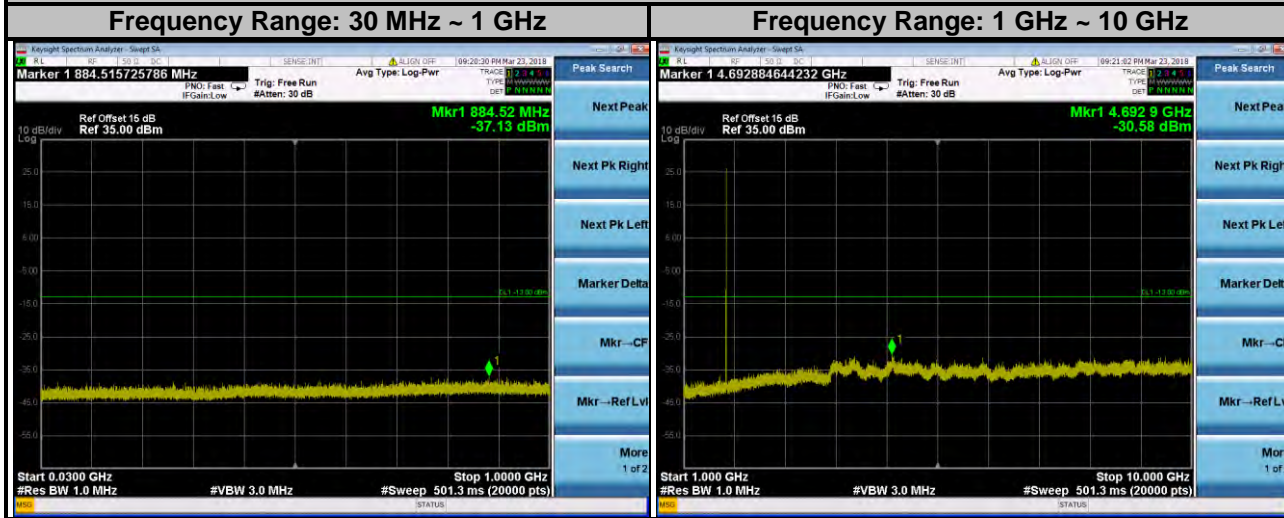
Frequency Range: 1 GHz ~ 10 GHz



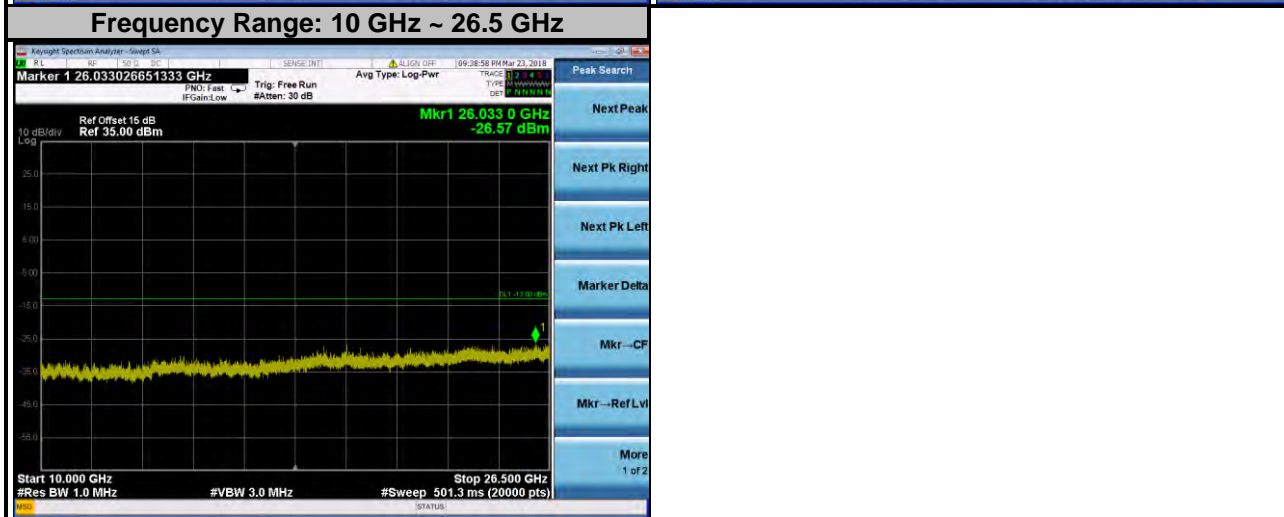
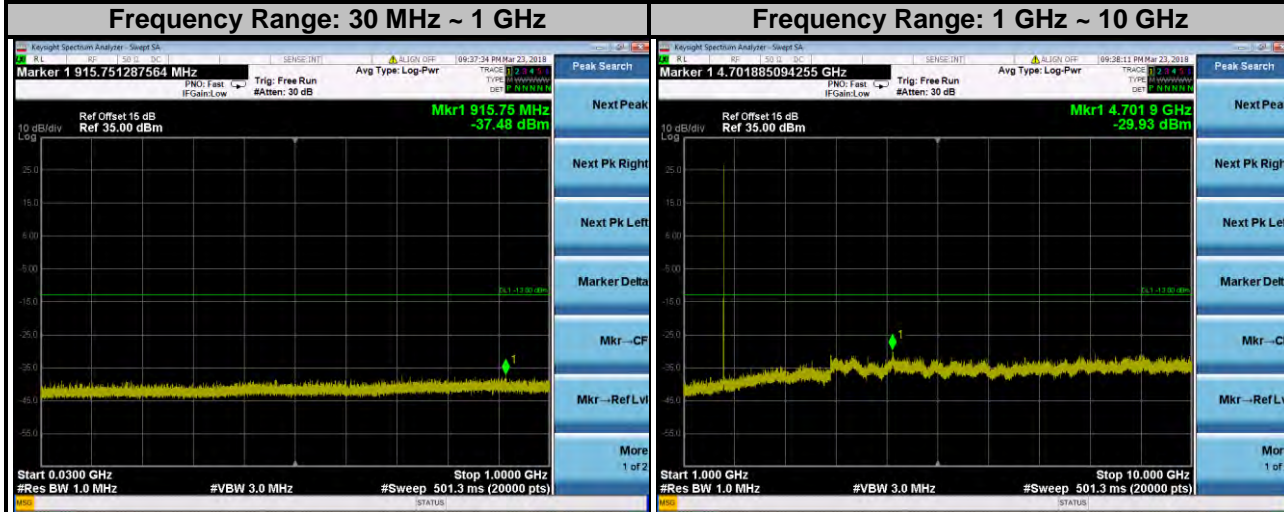
Frequency Range: 10 GHz ~ 26.5 GHz



LTE Band 4
Channel Bandwidth: 1.4 MHz
Channel 20393

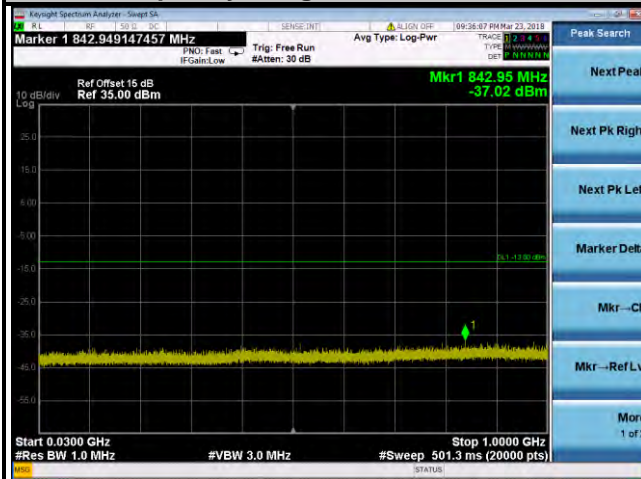


LTE Band 4
Channel Bandwidth: 3 MHz
Channel 19965

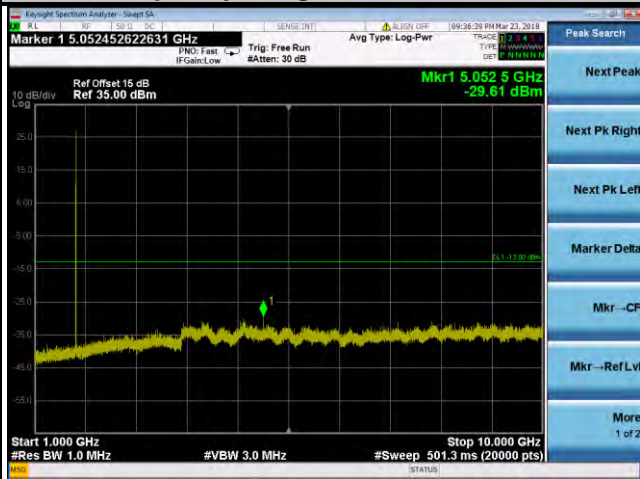


LTE Band 4
Channel Bandwidth: 3 MHz
Channel 20175

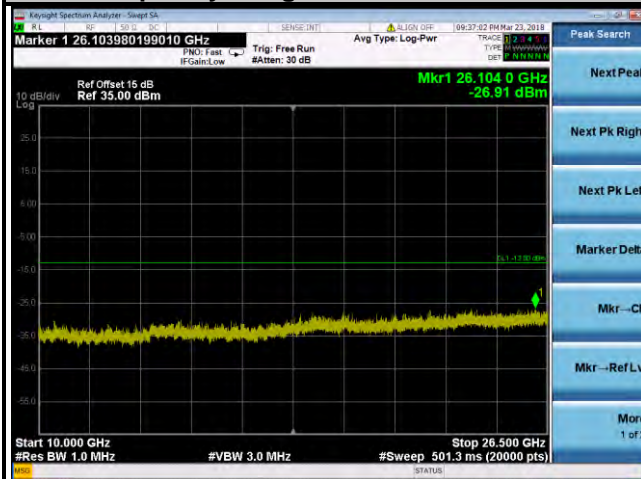
Frequency Range: 30 MHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz

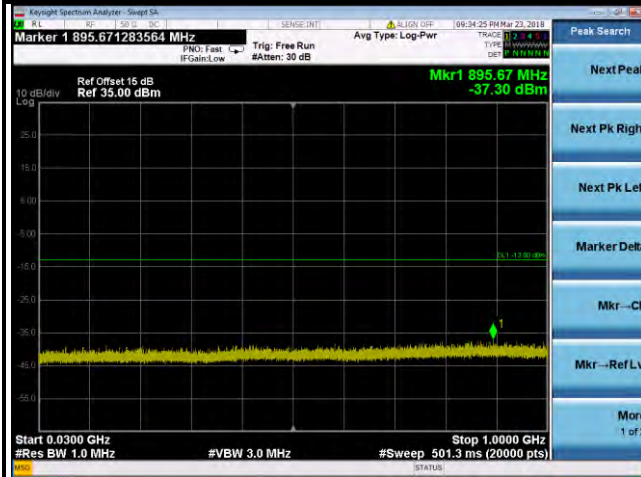


Frequency Range: 10 GHz ~ 26.5 GHz

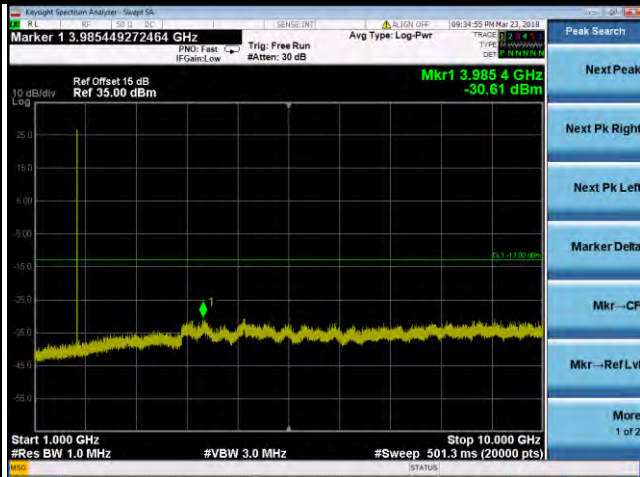


LTE Band 4
Channel Bandwidth: 3 MHz
Channel 20385

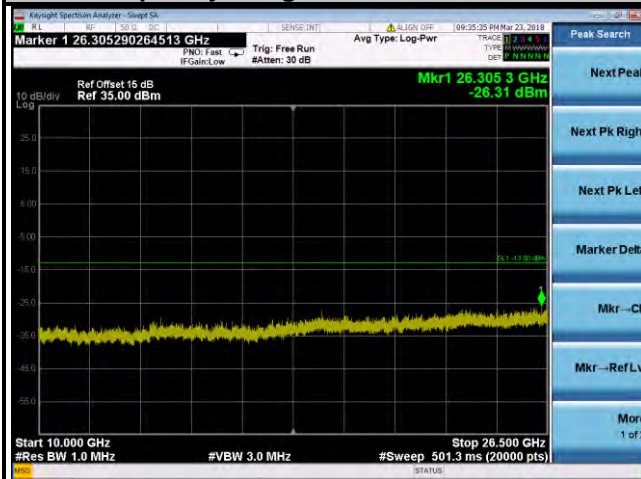
Frequency Range: 30 MHz ~ 1 GHz



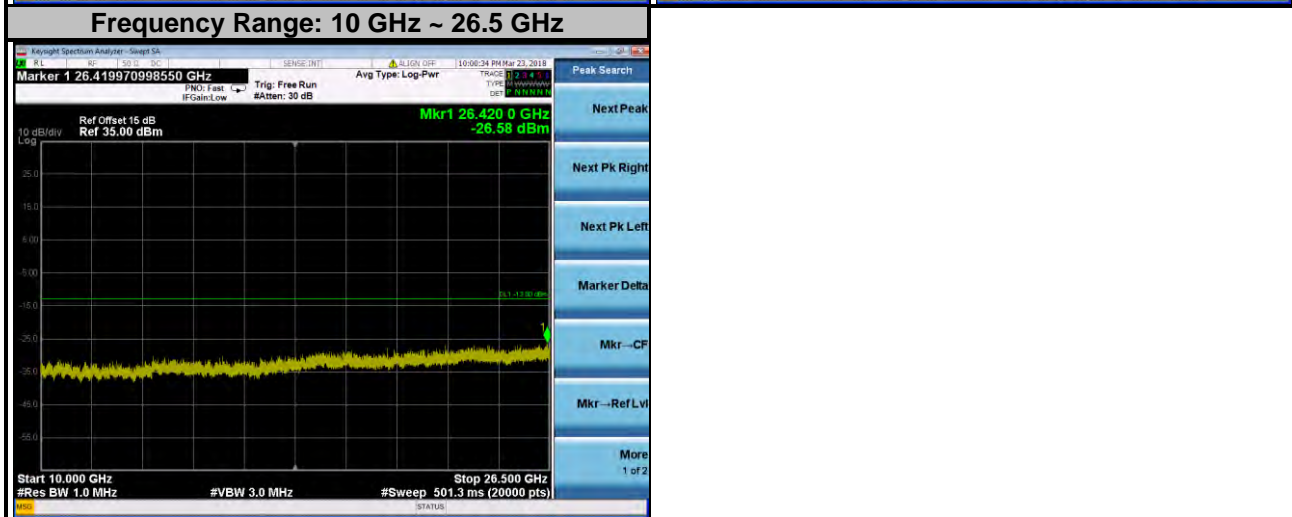
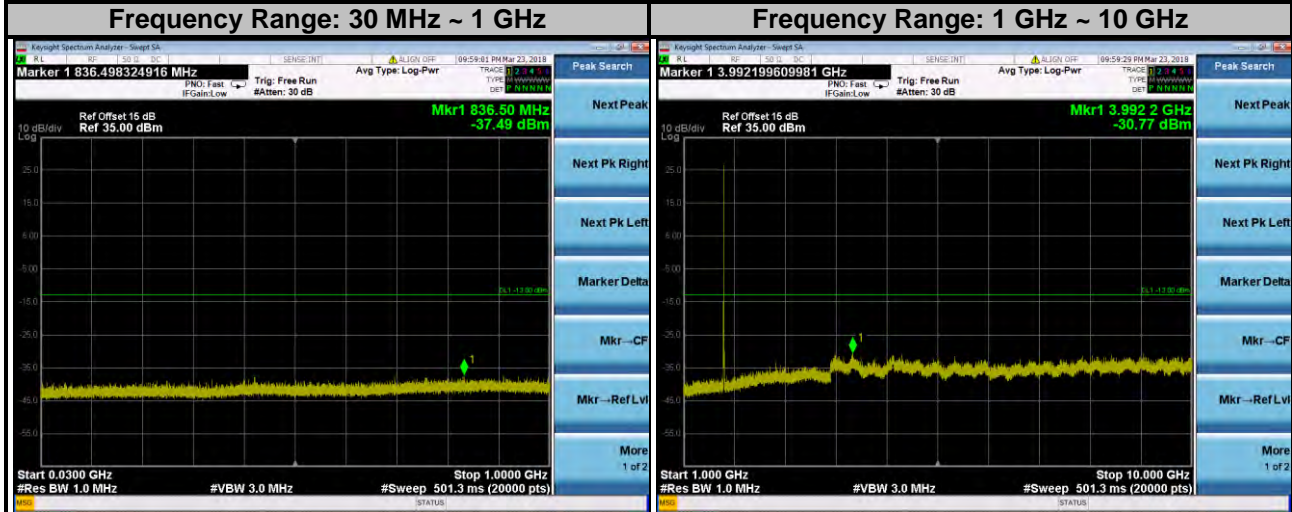
Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 26.5 GHz

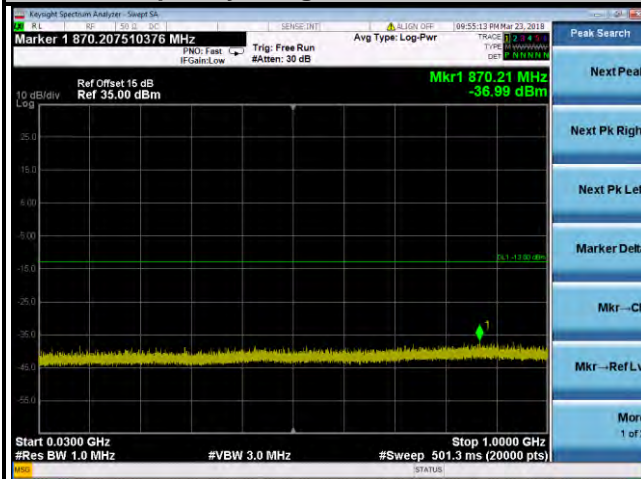


LTE Band 4
Channel Bandwidth: 5 MHz
Channel 19975

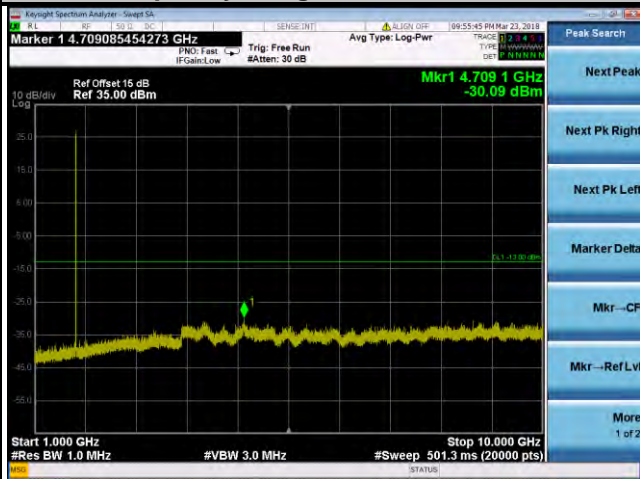


LTE Band 4
Channel Bandwidth: 5 MHz
Channel 20175

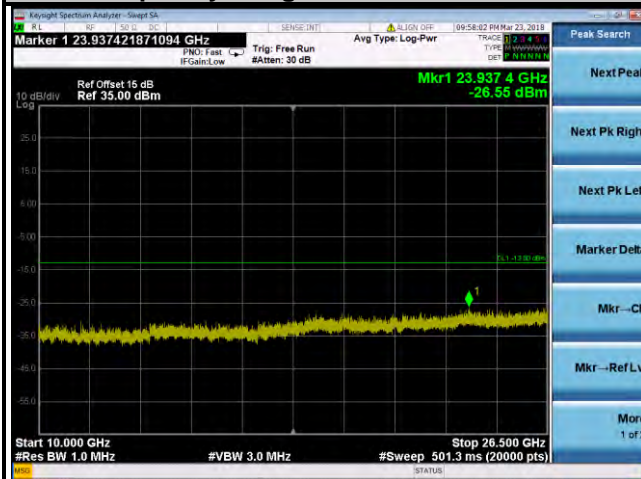
Frequency Range: 30 MHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz

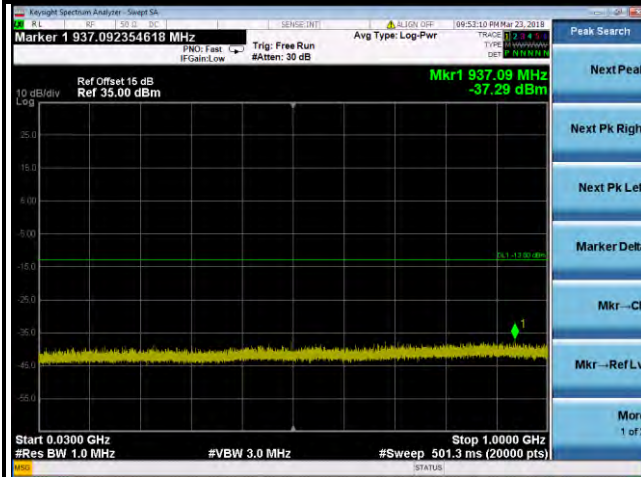


Frequency Range: 10 GHz ~ 26.5 GHz

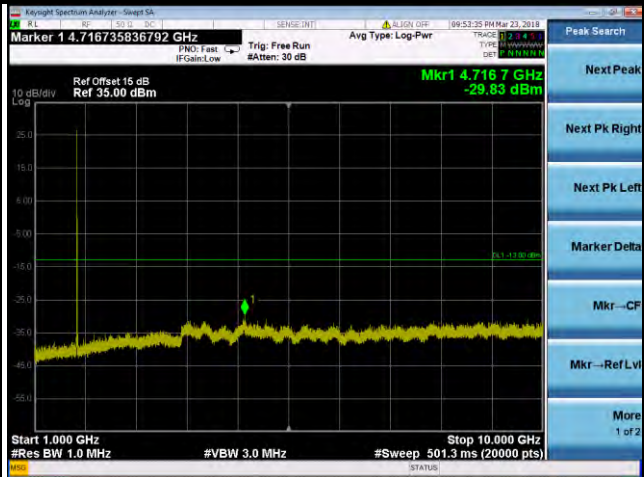


LTE Band 4
Channel Bandwidth: 5 MHz
Channel 20375

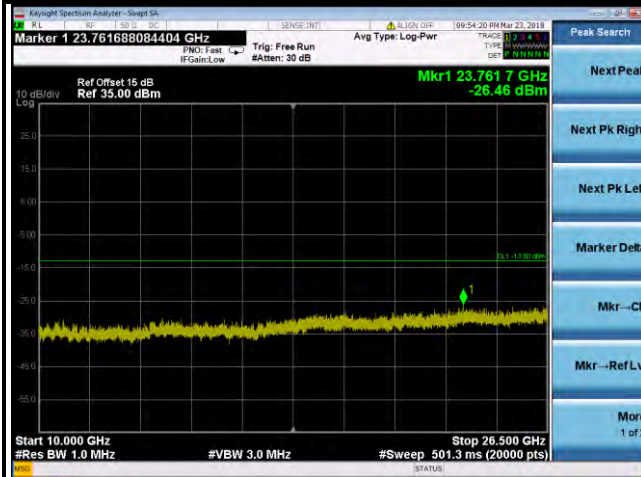
Frequency Range: 30 MHz ~ 1 GHz



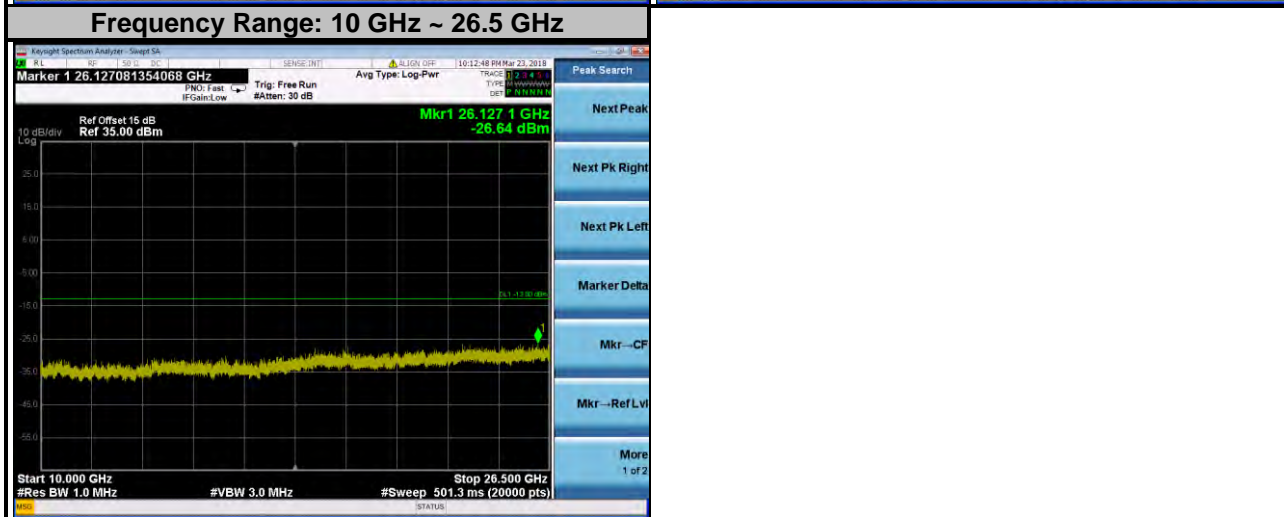
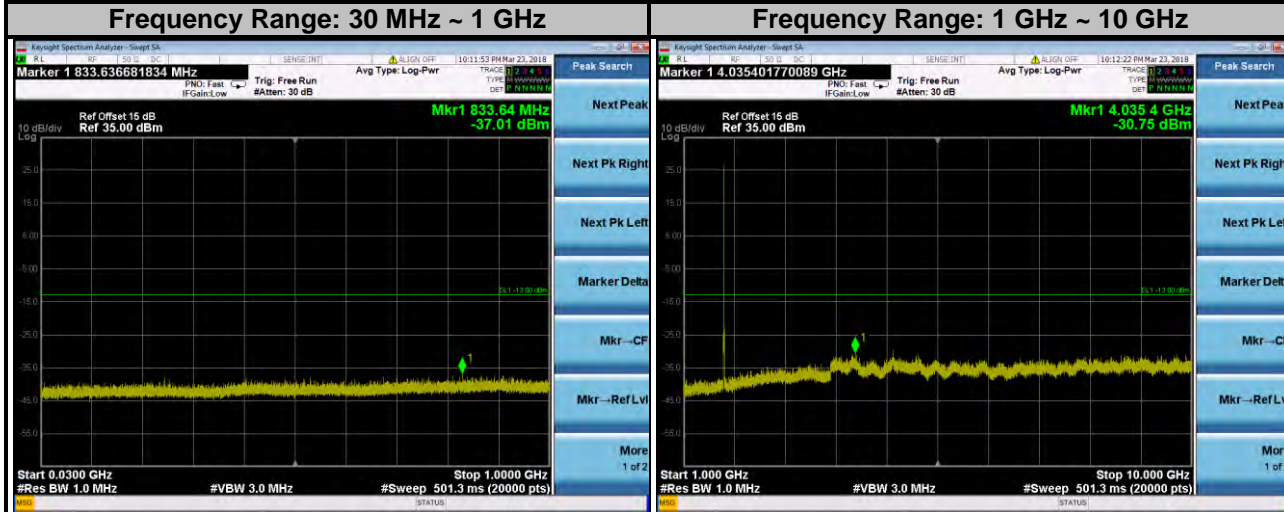
Frequency Range: 1 GHz ~ 10 GHz



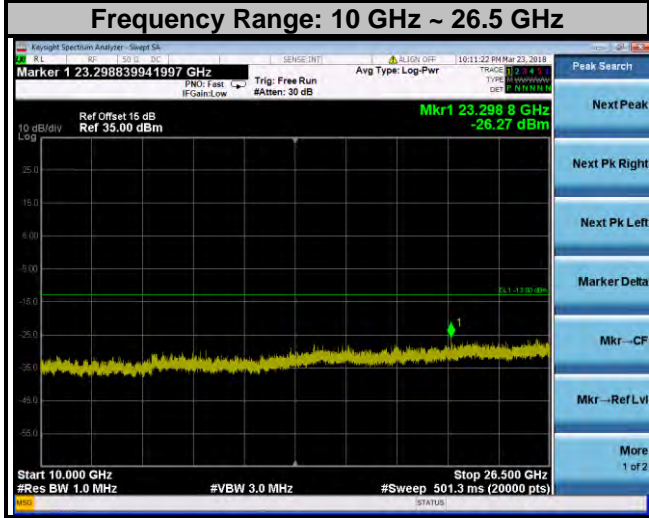
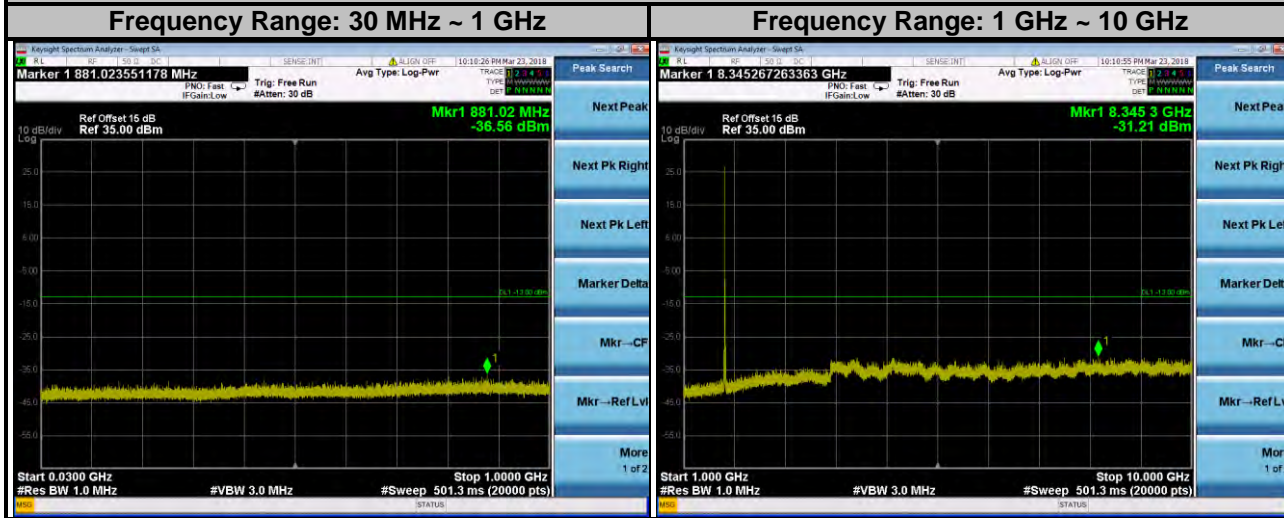
Frequency Range: 10 GHz ~ 26.5 GHz



LTE Band 4
Channel Bandwidth: 10 MHz
Channel 20000



LTE Band 4
Channel Bandwidth: 10 MHz
Channel 20175



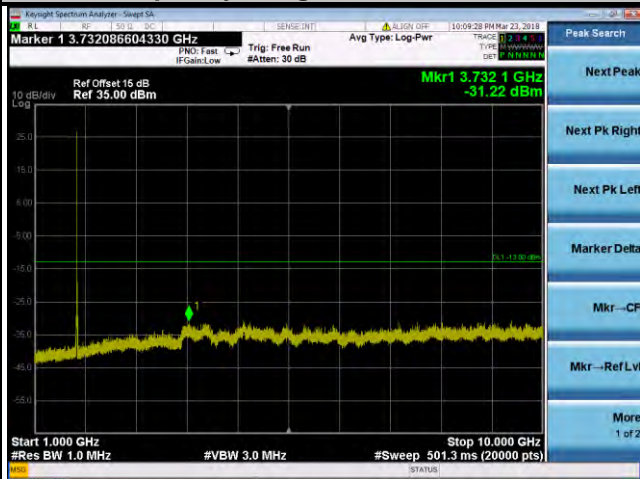
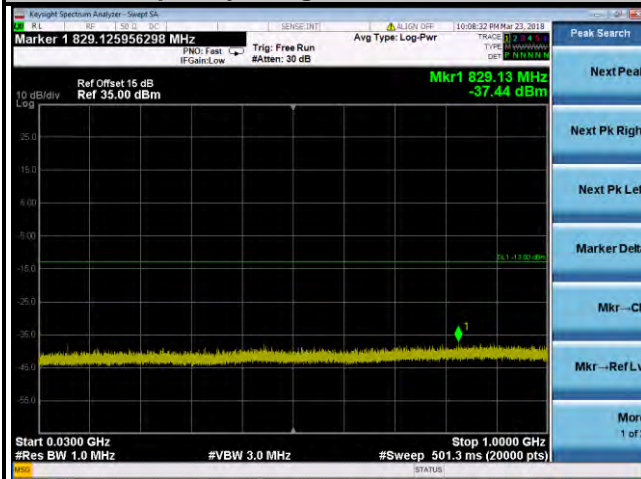
LTE Band 4

Channel Bandwidth: 10 MHz

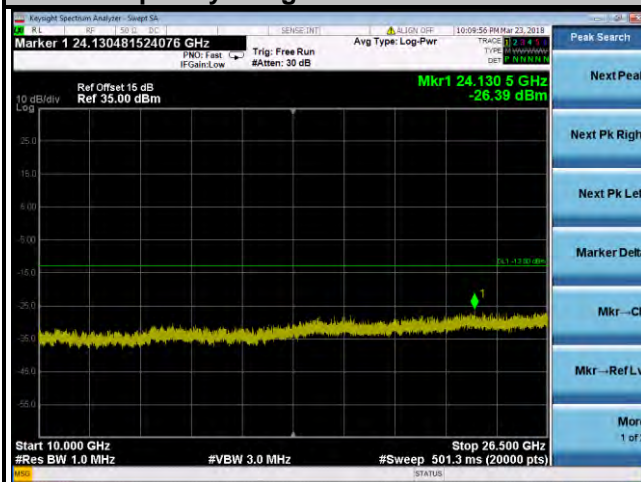
Channel 20350

Frequency Range: 30 MHz ~ 1 GHz

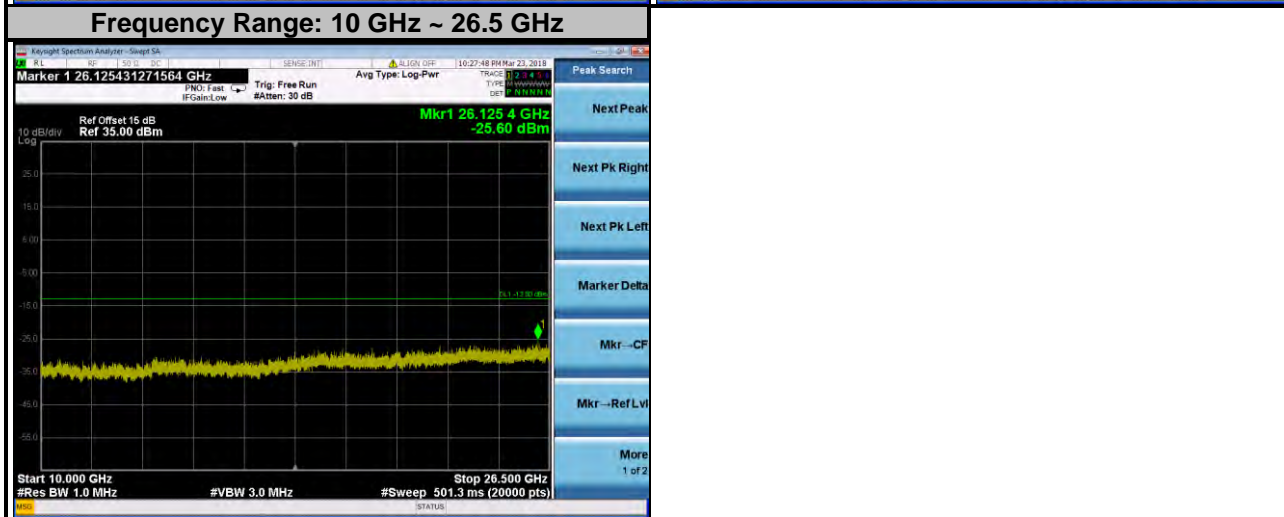
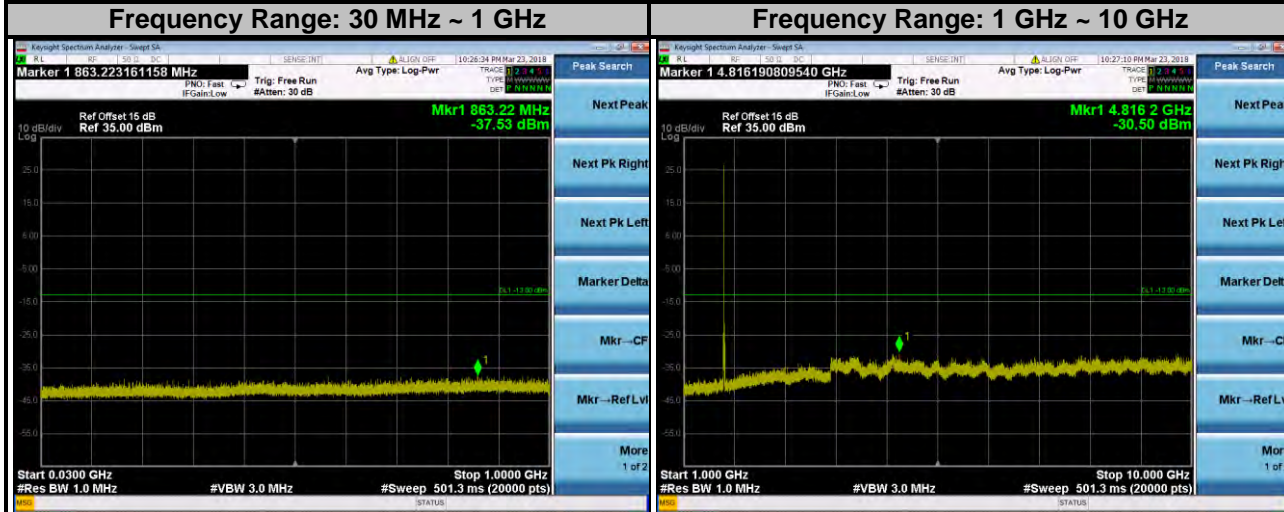
Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 26.5 GHz



LTE Band 4
Channel Bandwidth: 15 MHz
Channel 20025

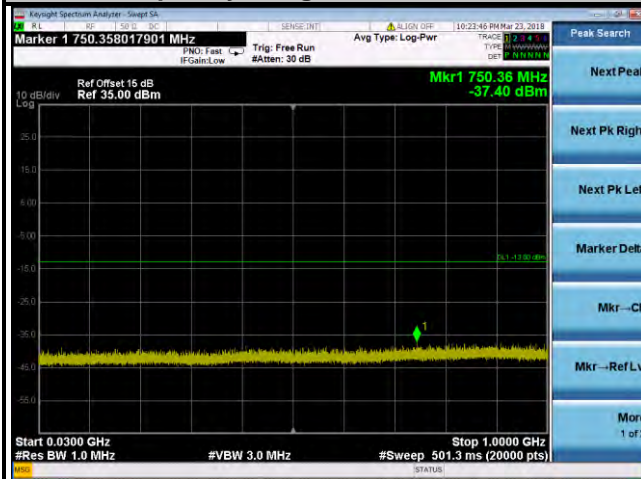


LTE Band 4

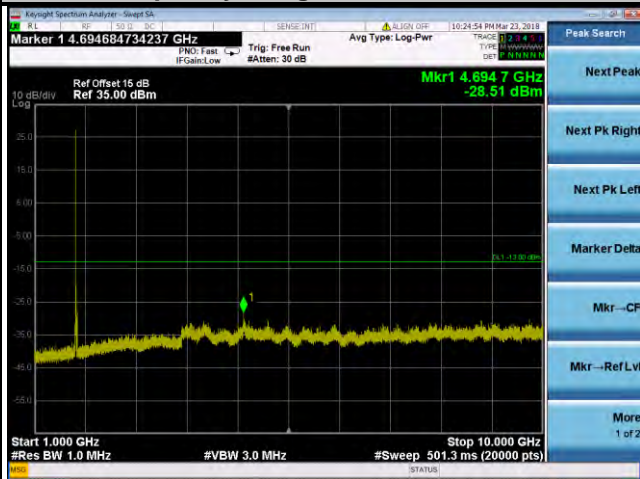
Channel Bandwidth: 15 MHz

Channel 20175

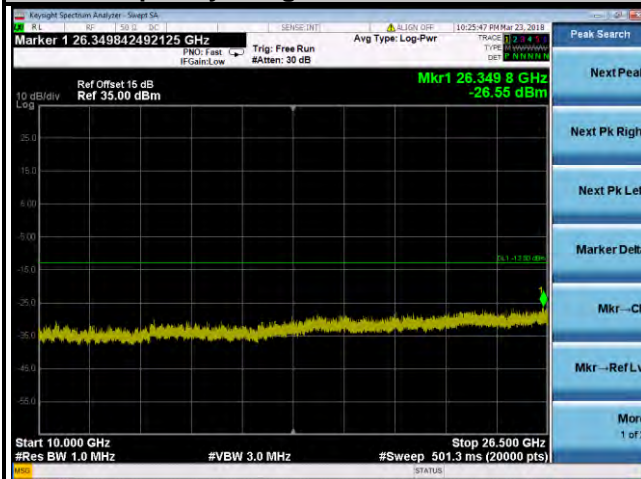
Frequency Range: 30 MHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 26.5 GHz

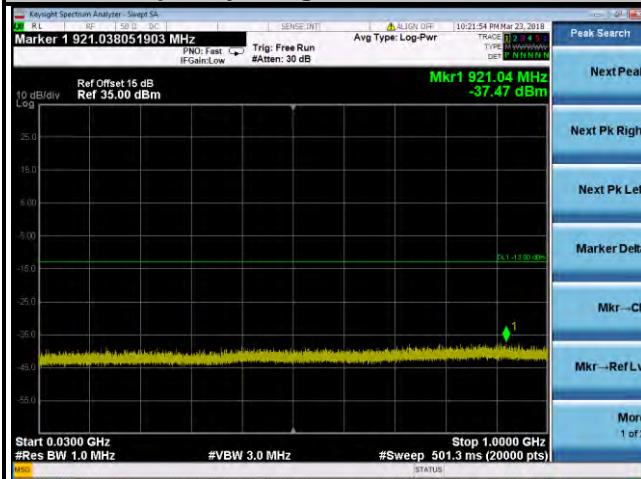


LTE Band 4

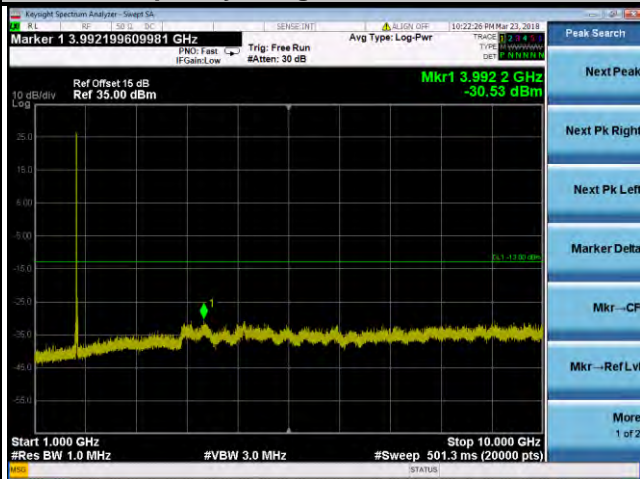
Channel Bandwidth: 15 MHz

Channel 20325

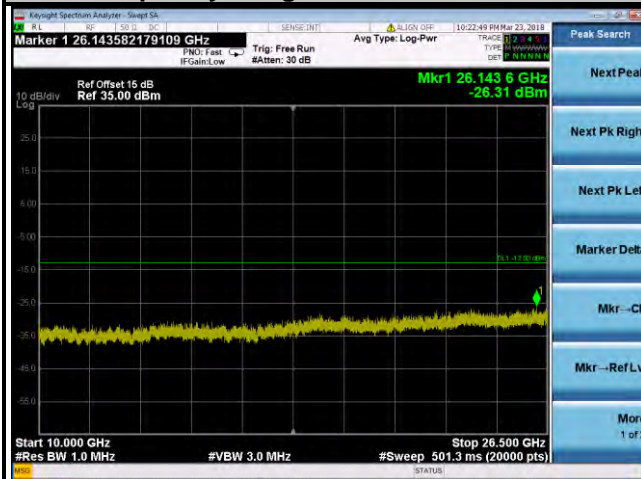
Frequency Range: 30 MHz ~ 1 GHz



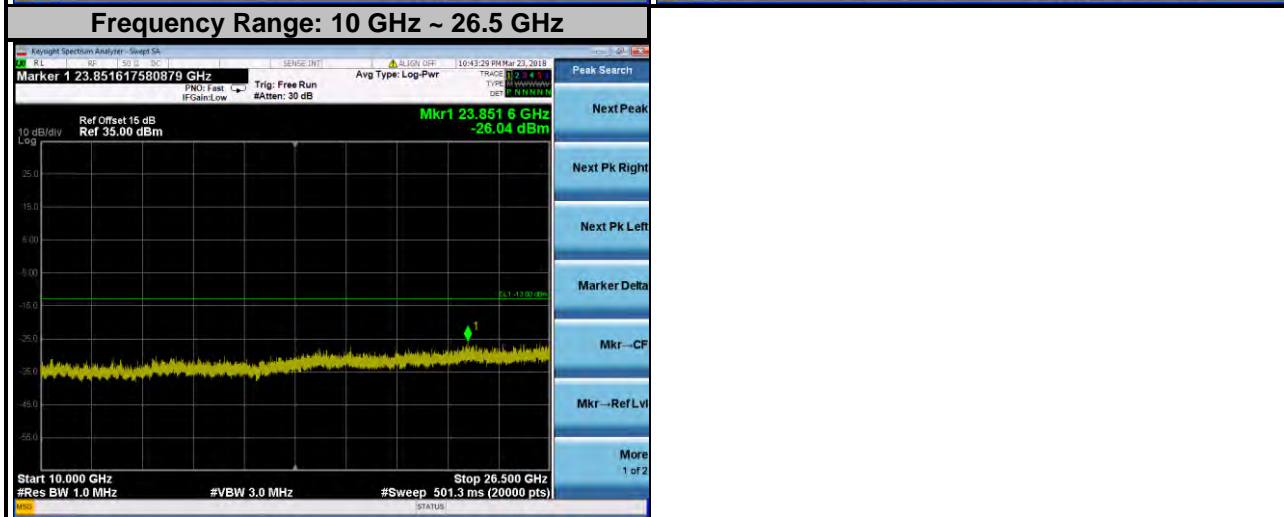
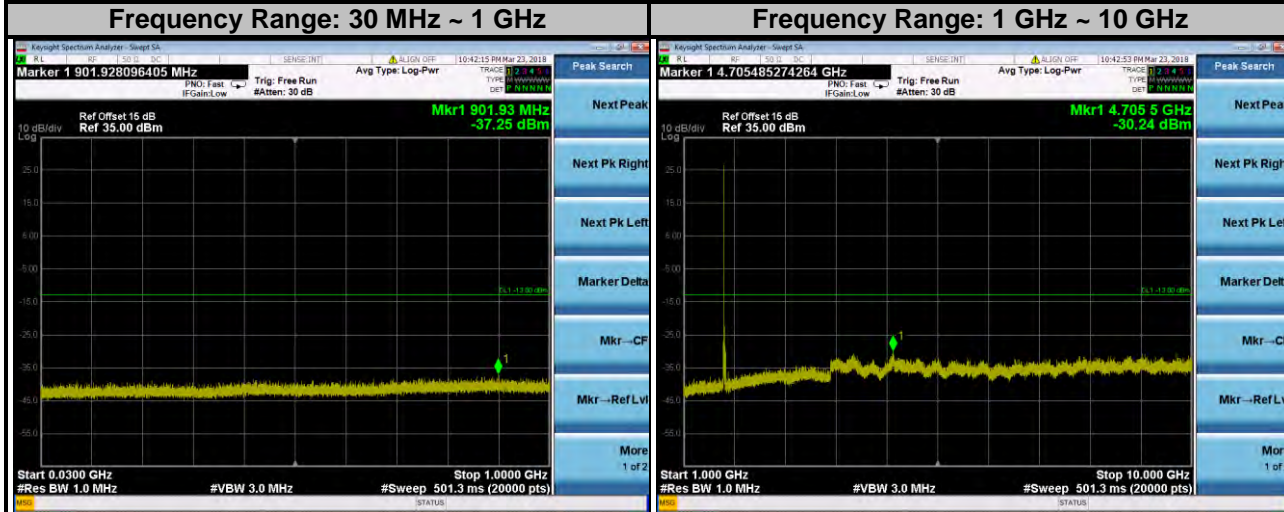
Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 26.5 GHz

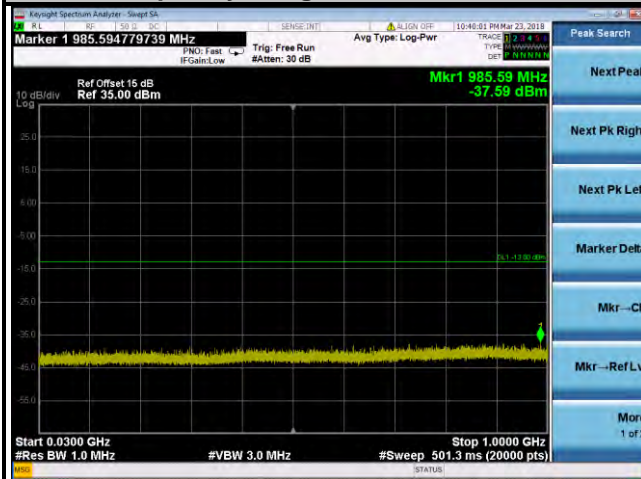


LTE Band 4
Channel Bandwidth: 20 MHz
Channel 20050

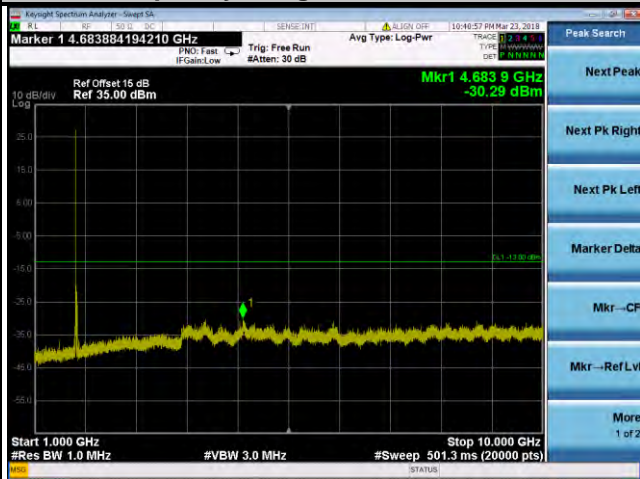


LTE Band 4
Channel Bandwidth: 20 MHz
Channel 20175

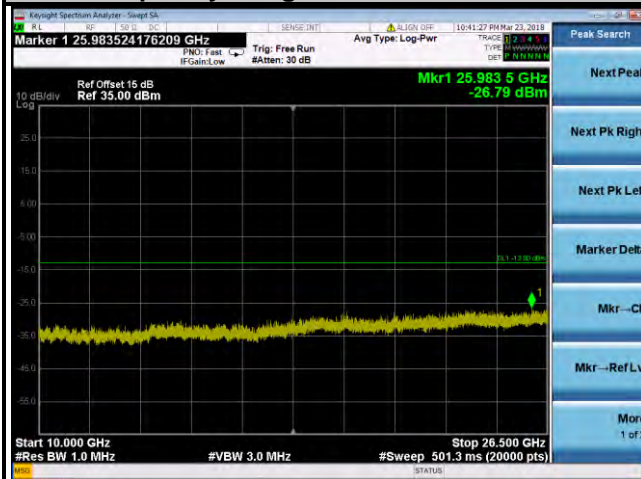
Frequency Range: 30 MHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 26.5 GHz

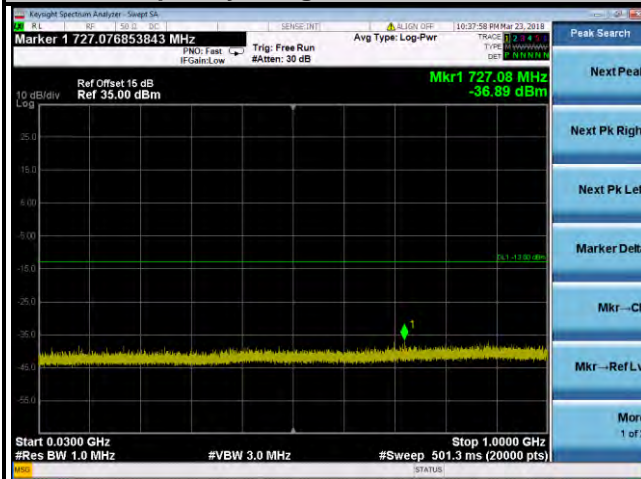


LTE Band 4

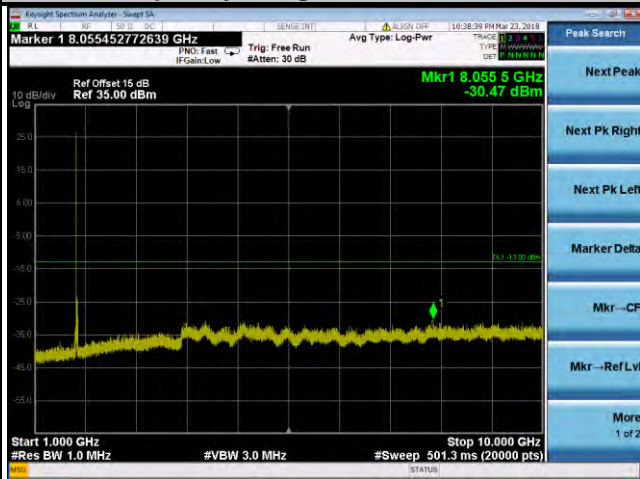
Channel Bandwidth: 20 MHz

Channel 20300

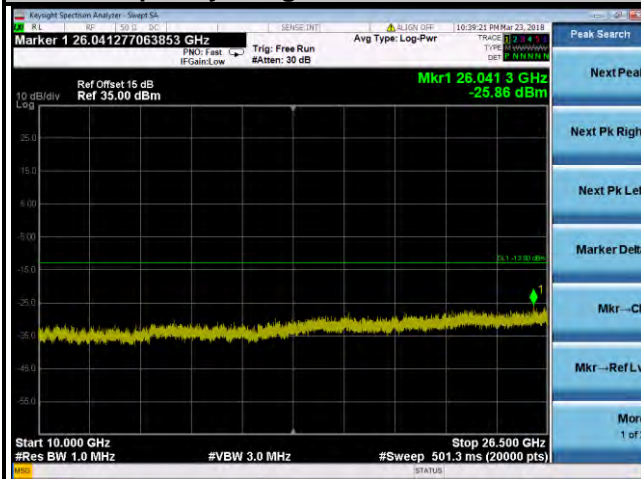
Frequency Range: 30 MHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz

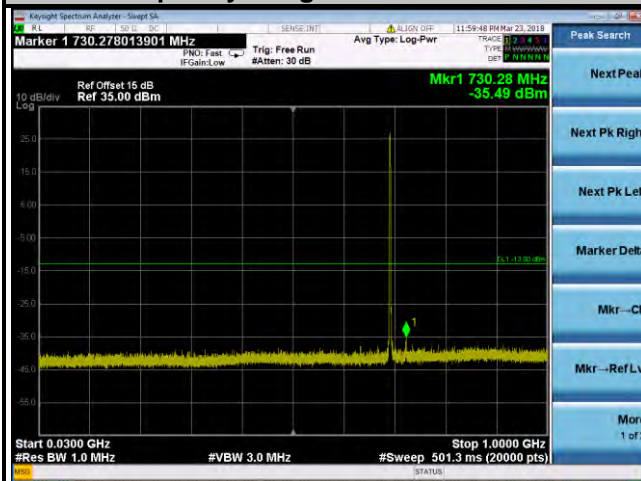


Frequency Range: 10 GHz ~ 26.5 GHz

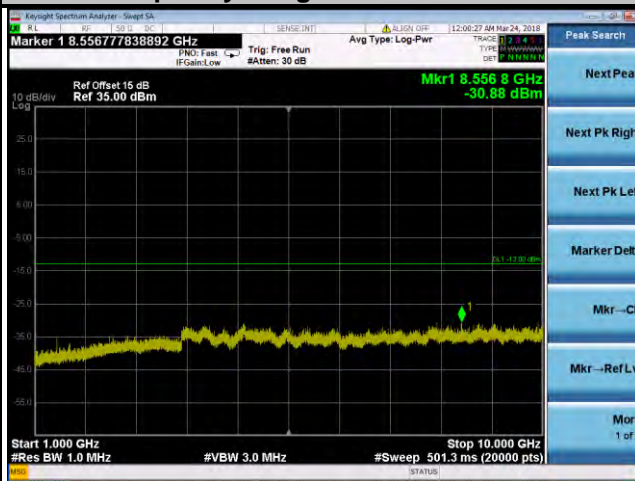


LTE Band 12
Channel Bandwidth: 1.4 MHz
Channel 23017

Frequency Range: 30 MHz ~ 1 GHz

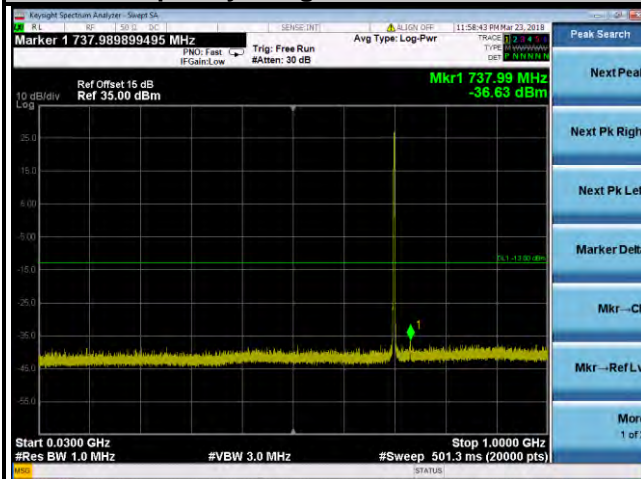


Frequency Range: 1 GHz ~ 10 GHz

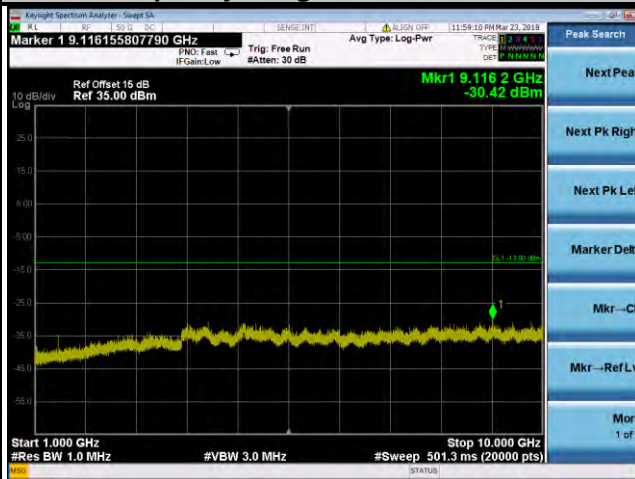


Channel 23095

Frequency Range: 30 MHz ~ 1 GHz

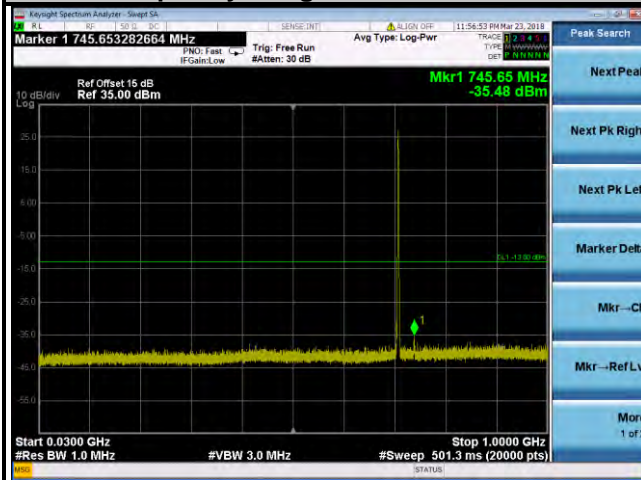


Frequency Range: 1 GHz ~ 10 GHz

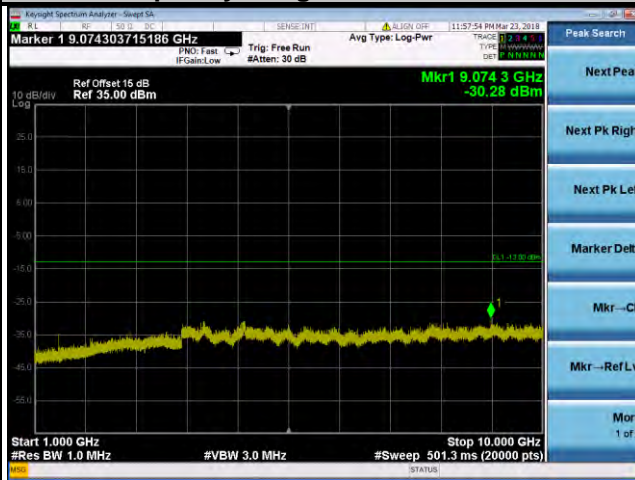


Channel 23173

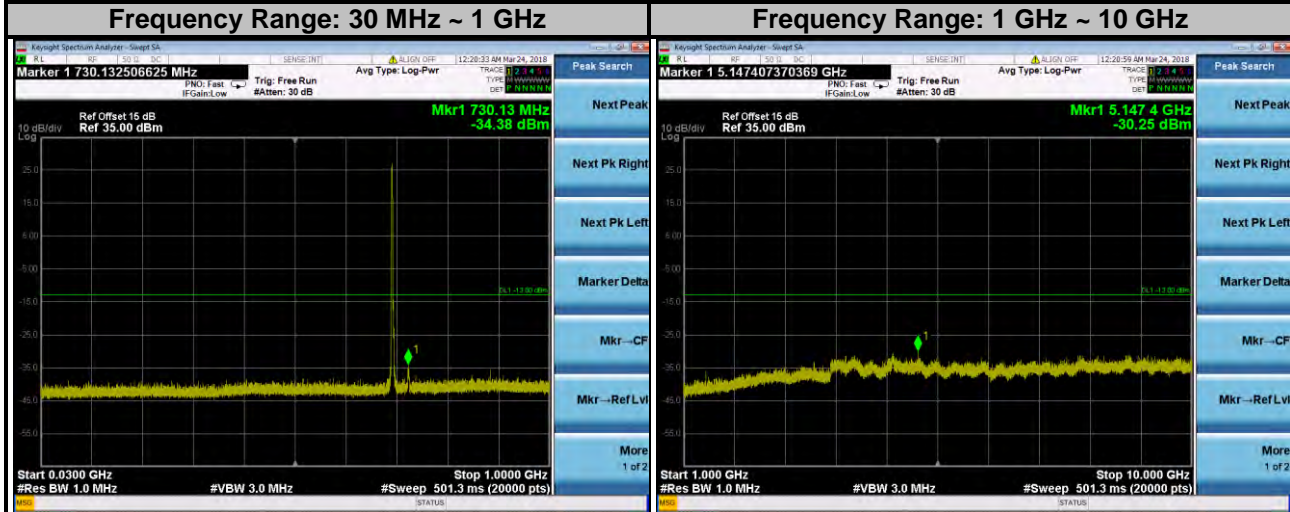
Frequency Range: 30 MHz ~ 1 GHz



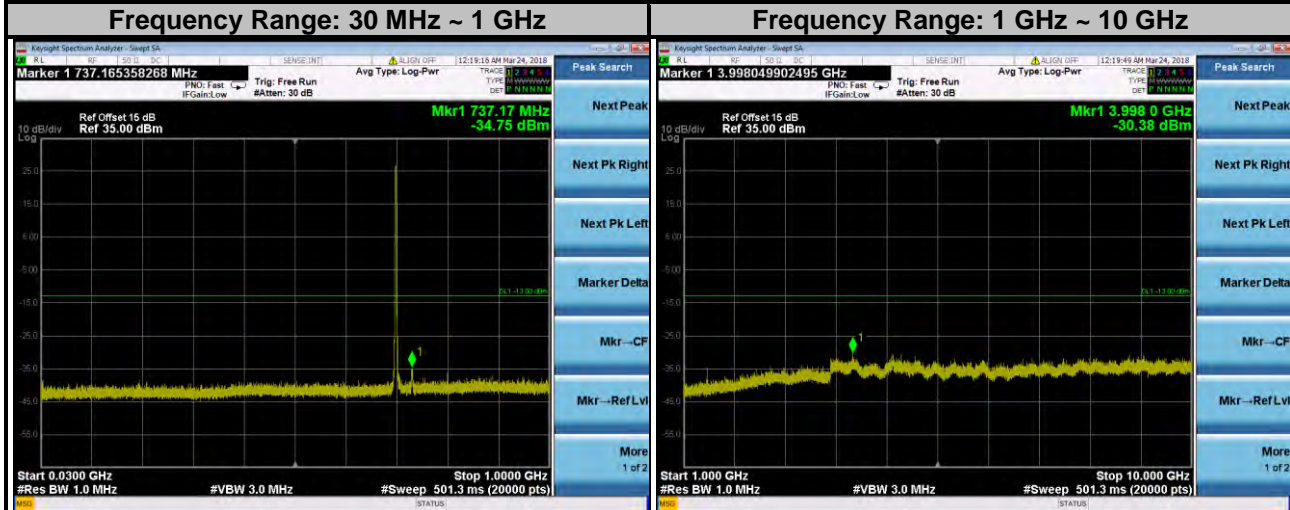
Frequency Range: 1 GHz ~ 10 GHz



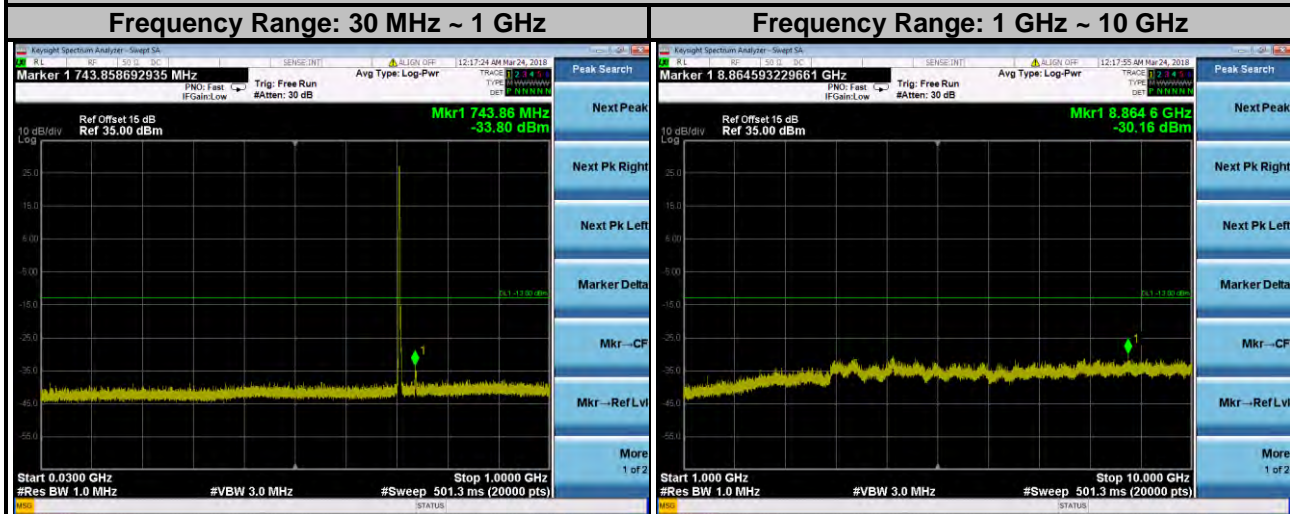
LTE Band 12
Channel Bandwidth: 3 MHz
Channel 23025



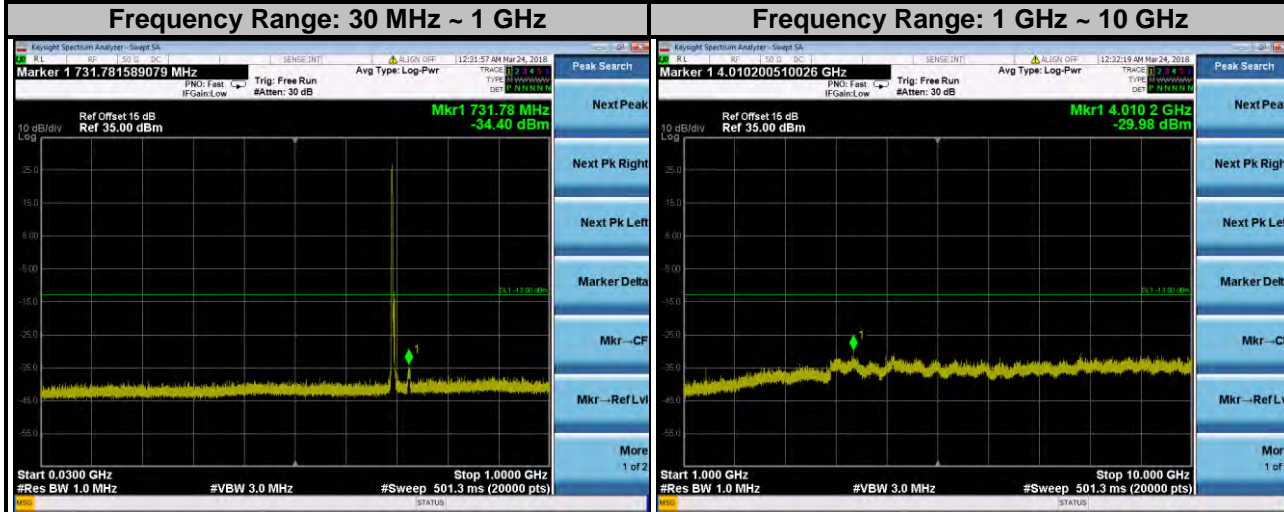
Channel 23095



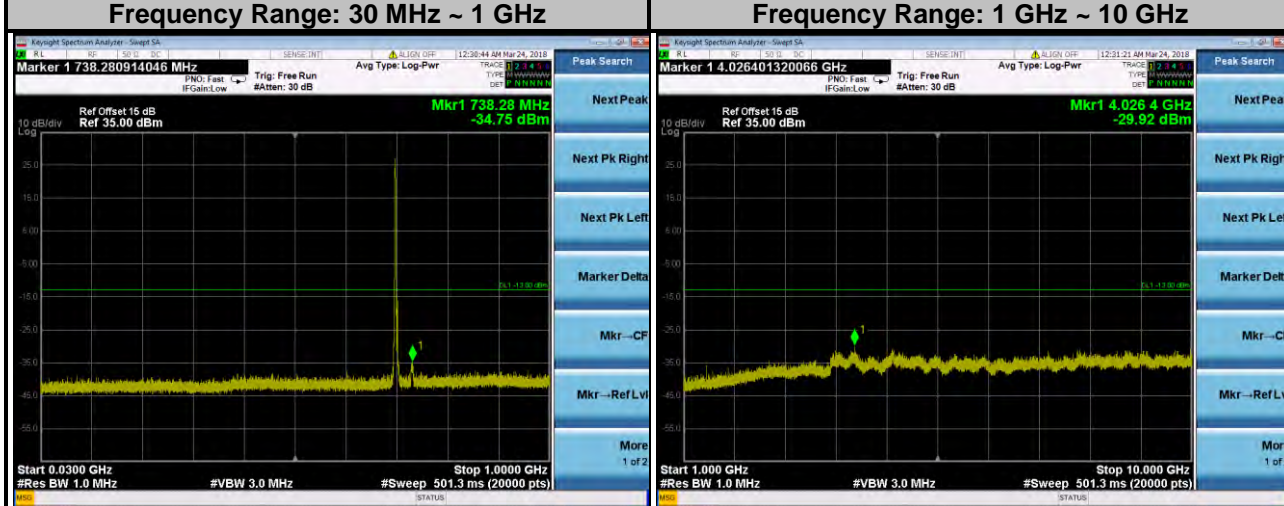
Channel 23165



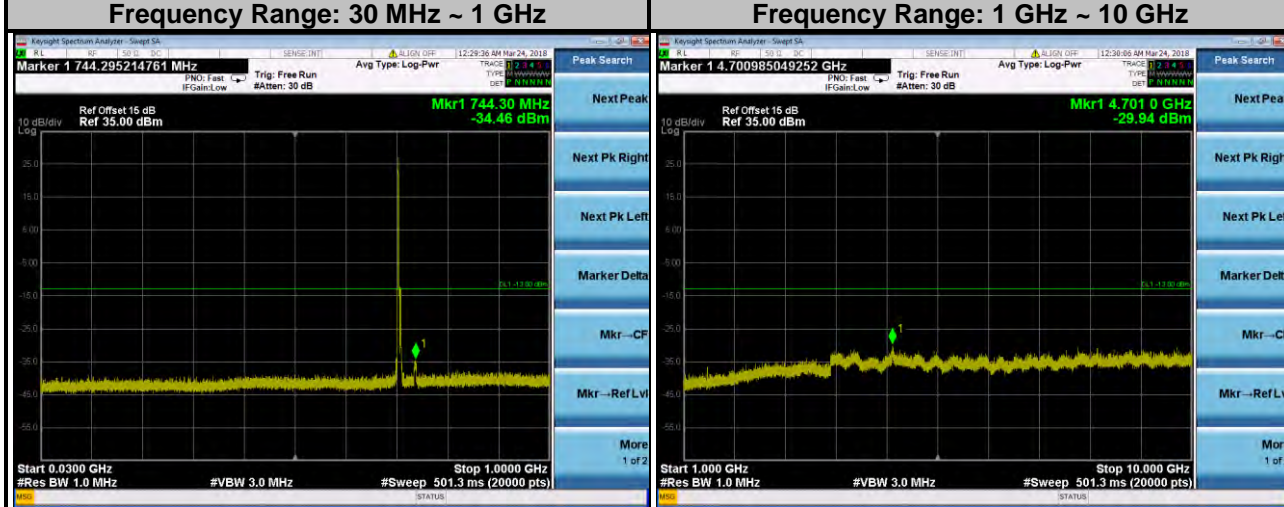
LTE Band 12
Channel Bandwidth: 5 MHz
Channel 23035



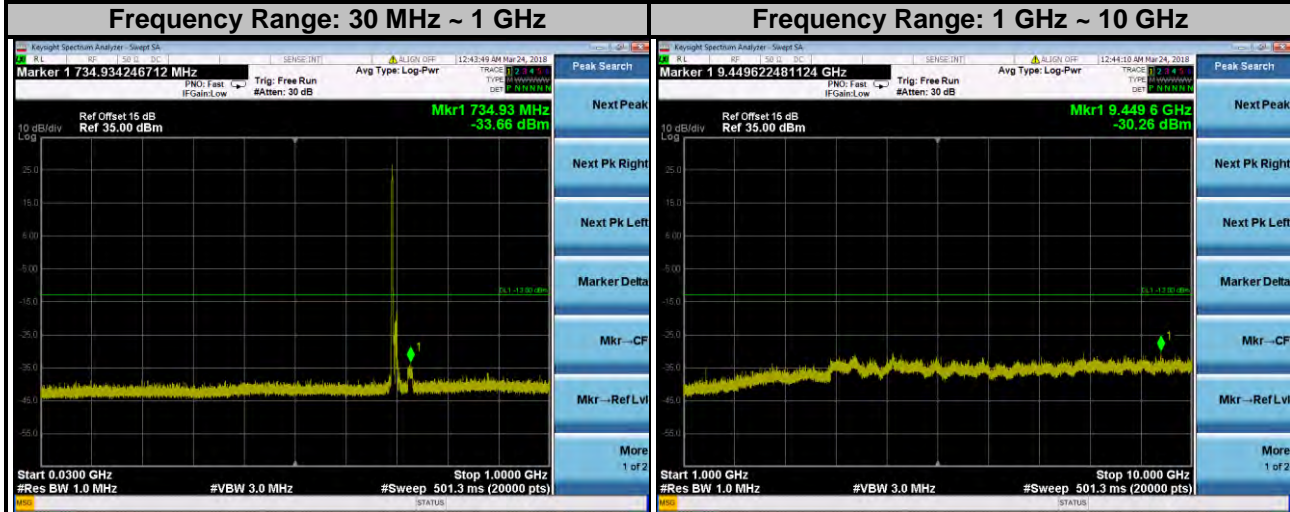
Channel 23095



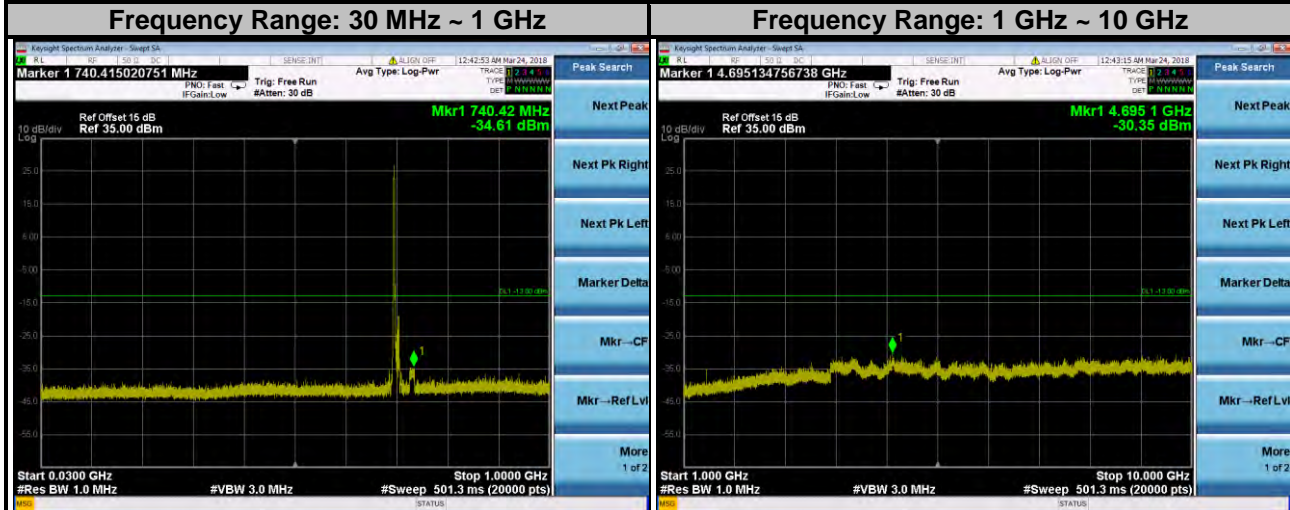
Channel 23155



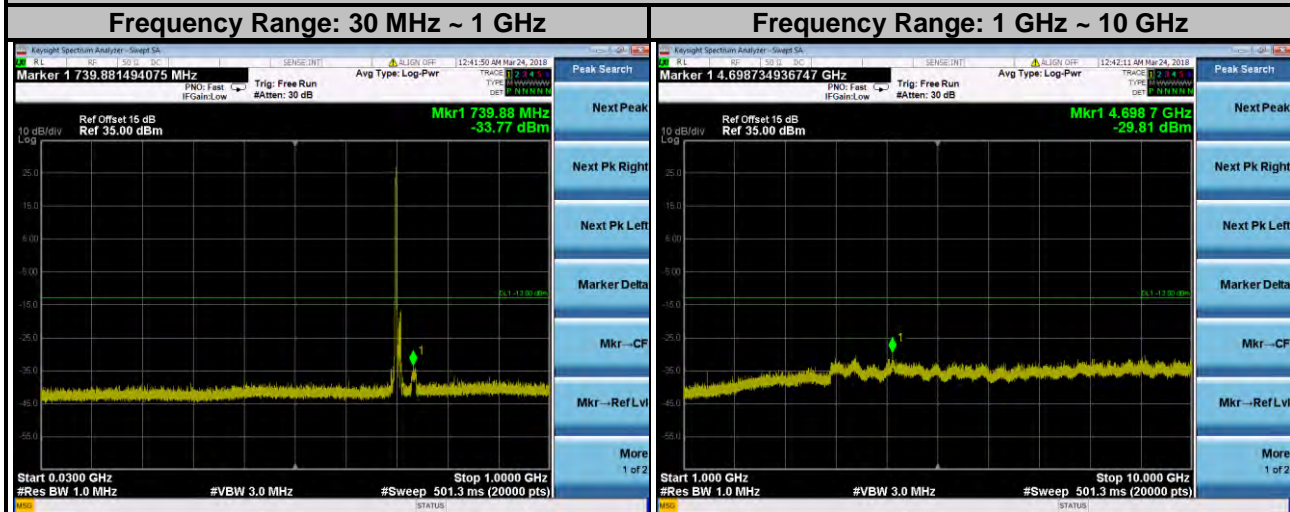
LTE Band 12
Channel Bandwidth: 10 MHz
Channel 23060



Channel 23095



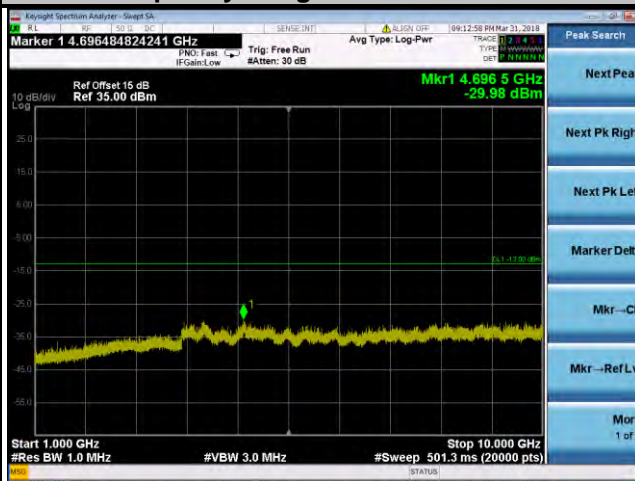
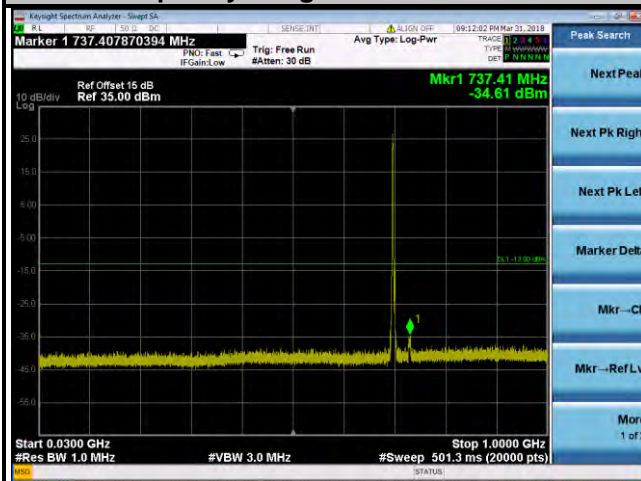
Channel 23130



LTE Band 17
Channel Bandwidth: 5 MHz
Channel 23755

Frequency Range: 30 MHz ~ 1 GHz

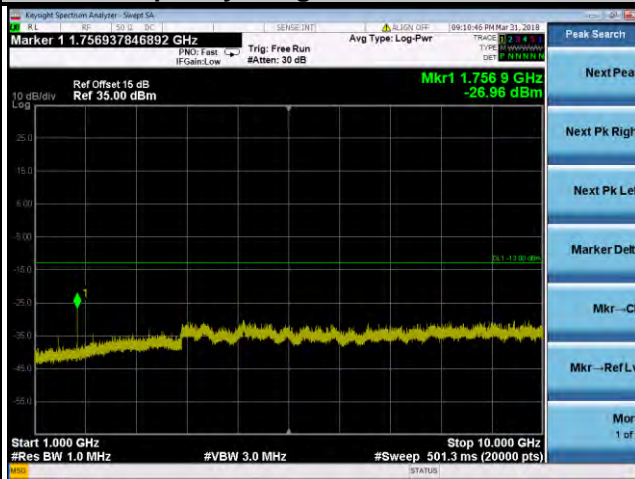
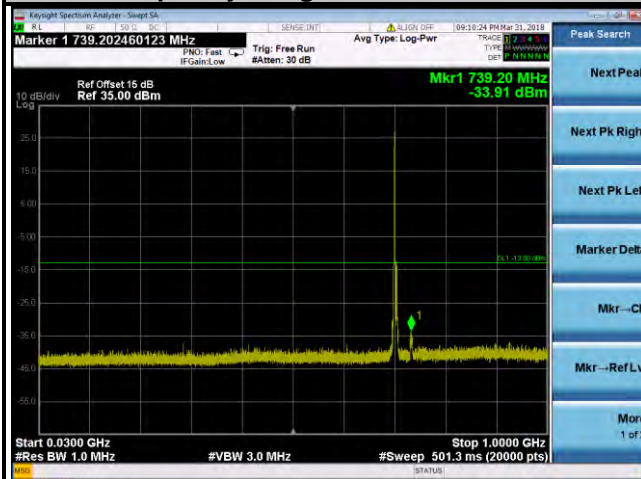
Frequency Range: 1 GHz ~ 10 GHz



Channel 23790

Frequency Range: 30 MHz ~ 1 GHz

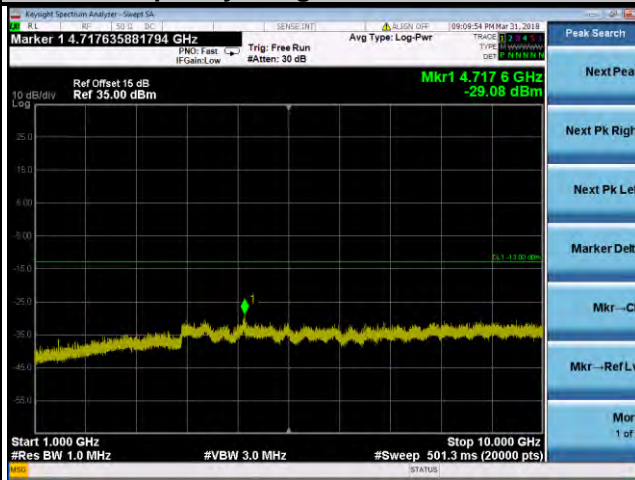
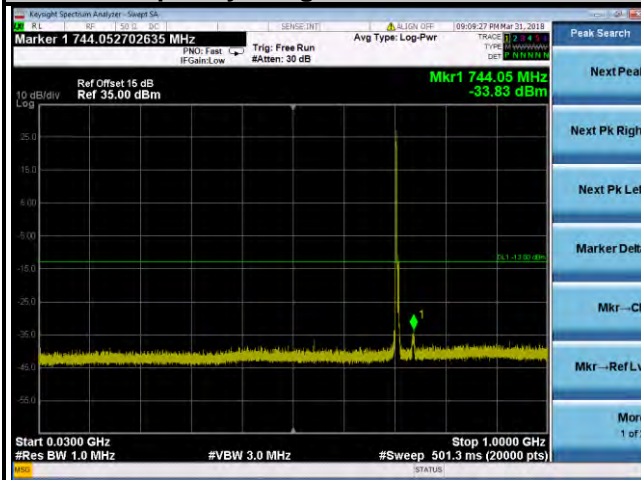
Frequency Range: 1 GHz ~ 10 GHz



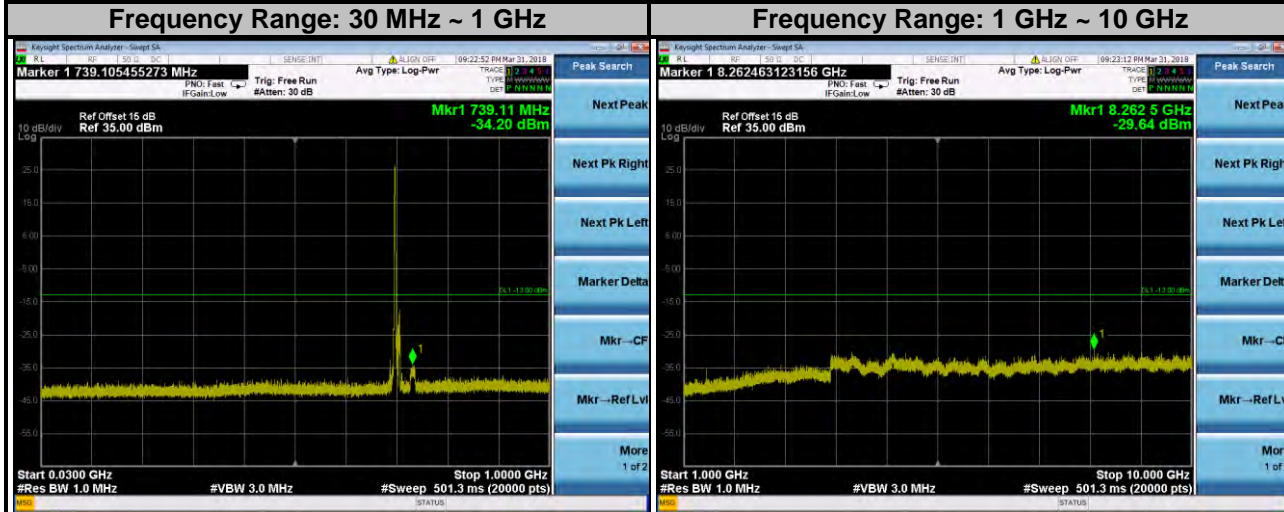
Channel 23825

Frequency Range: 30 MHz ~ 1 GHz

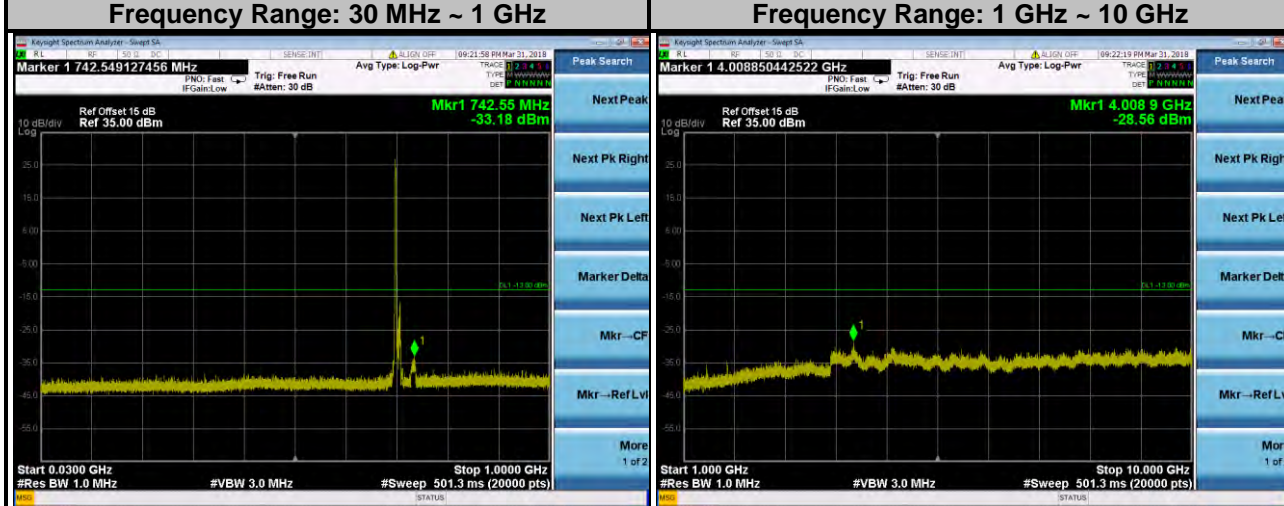
Frequency Range: 1 GHz ~ 10 GHz



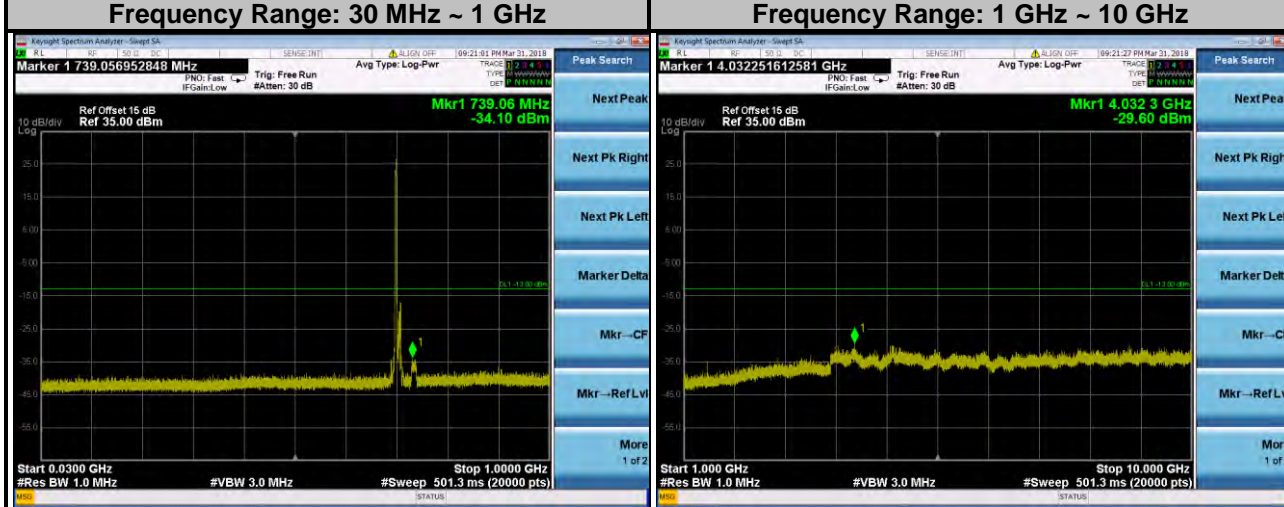
LTE Band 17
Channel Bandwidth: 10 MHz
Channel 23780



Channel 23790



Channel 23800



4.7 Radiated Emission Measurement

4.7.1 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 $43 + 10 \log_{10}(P)$ dB. The limit of emission is equal to -13 dBm.

4.7.2 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, $E.R.P \text{ power} = E.I.P.R \text{ power} - 2.15 \text{ dBi}$.

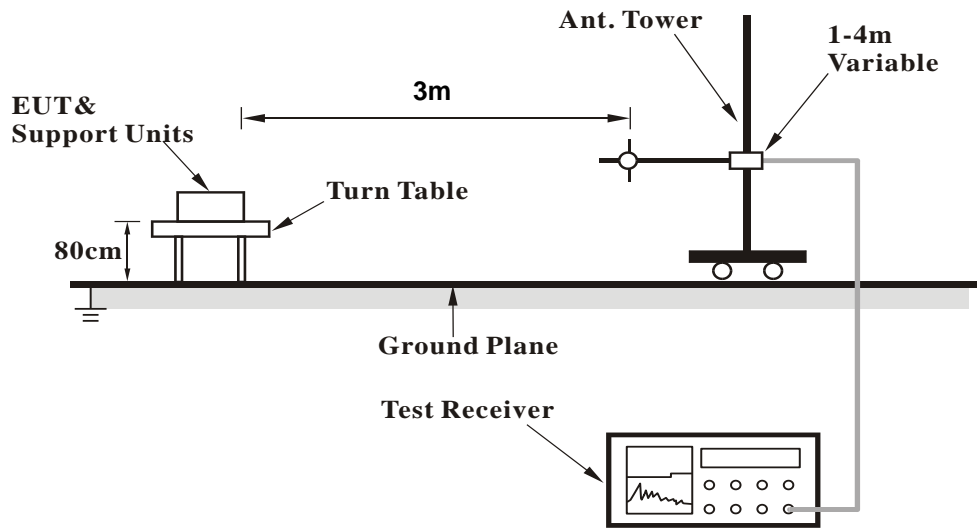
Note: The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz.

4.7.3 Deviation from Test Standard

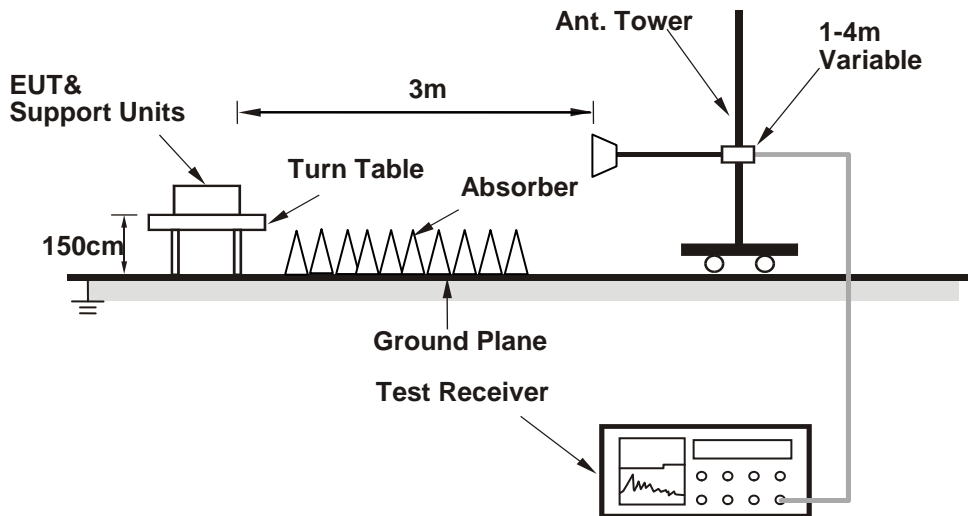
No deviation.

4.7.4 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).

4.7.5 Test Results

<Mode A>

WCDMA:

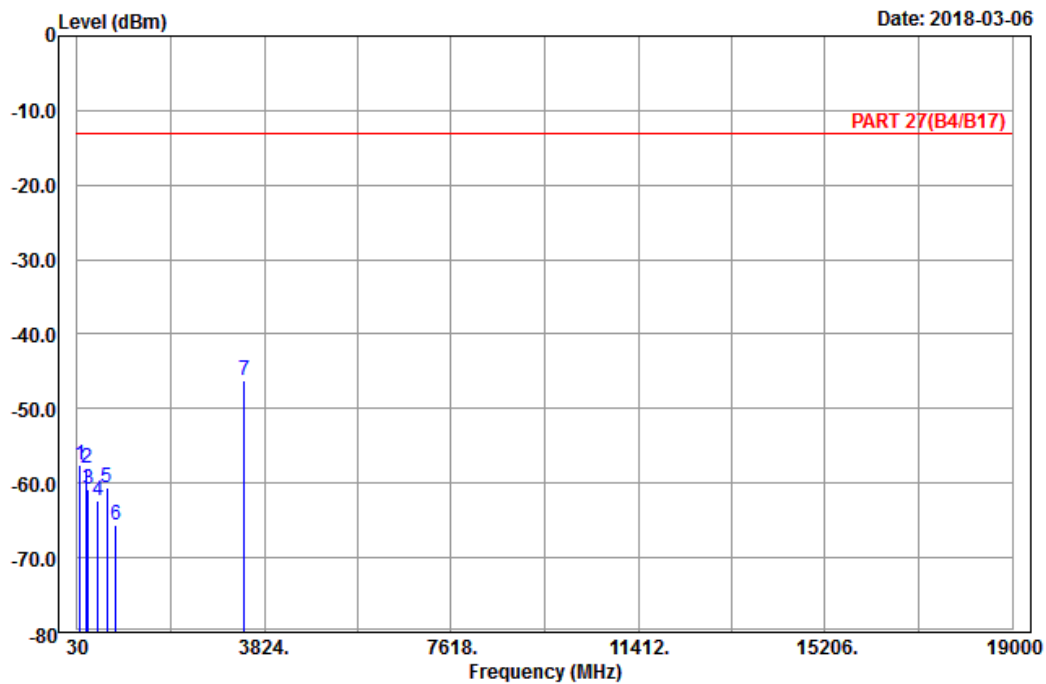
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 13



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : Band IV_Link_CH1312
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Limit	Over	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	92.64	-57.62	-47.11	-13.00	-44.62	-10.51	Peak
2	216.03	-57.92	-51.96	-13.00	-44.92	-5.96	Peak
3	258.42	-60.87	-55.29	-13.00	-47.87	-5.58	Peak
4	452.60	-62.39	-58.46	-13.00	-49.39	-3.93	Peak
5	633.20	-60.50	-60.55	-13.00	-47.50	0.05	Peak
6	819.40	-65.55	-67.34	-13.00	-52.55	1.79	Peak
7 pp	3424.80	-46.22	-60.59	-13.00	-33.22	14.37	Peak

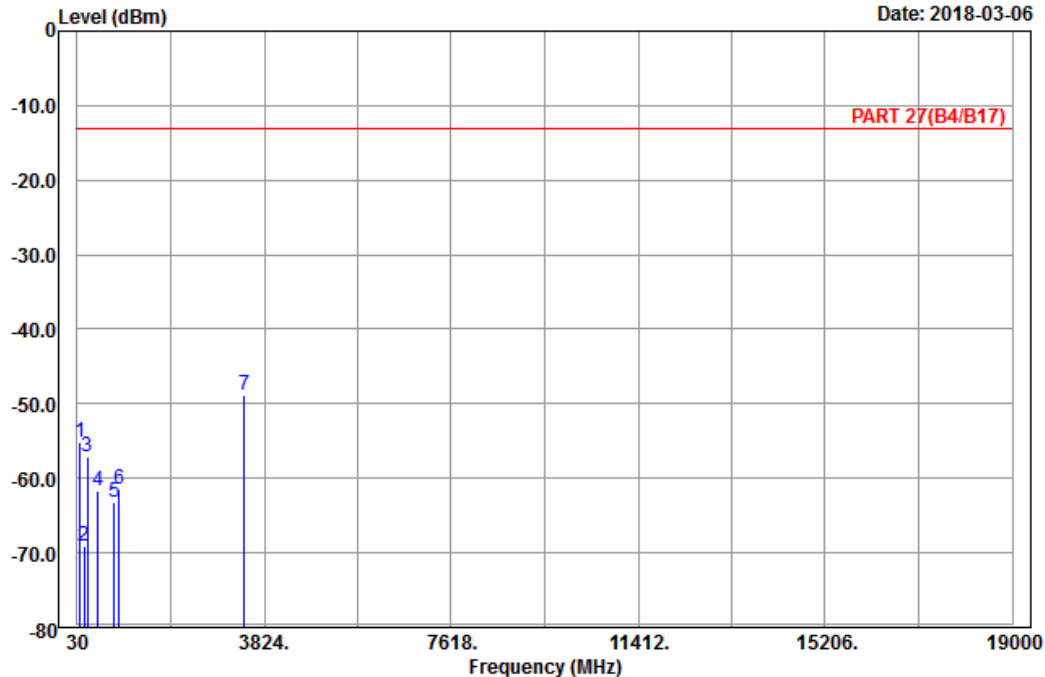


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 14

Date: 2018-03-06



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : Band IV_Link_CH1312
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	88.86	-55.21	-44.43	-13.00	-42.21	-10.78	Peak
2	174.18	-69.11	-62.92	-13.00	-56.11	-6.19	Peak
3	231.69	-57.18	-51.43	-13.00	-44.18	-5.75	Peak
4	447.70	-61.68	-57.88	-13.00	-48.68	-3.80	Peak
5	774.60	-63.18	-63.53	-13.00	-50.18	0.35	Peak
6	881.00	-61.38	-63.71	-13.00	-48.38	2.33	Peak
7 pp	3424.80	-48.72	-63.09	-13.00	-35.72	14.37	Peak

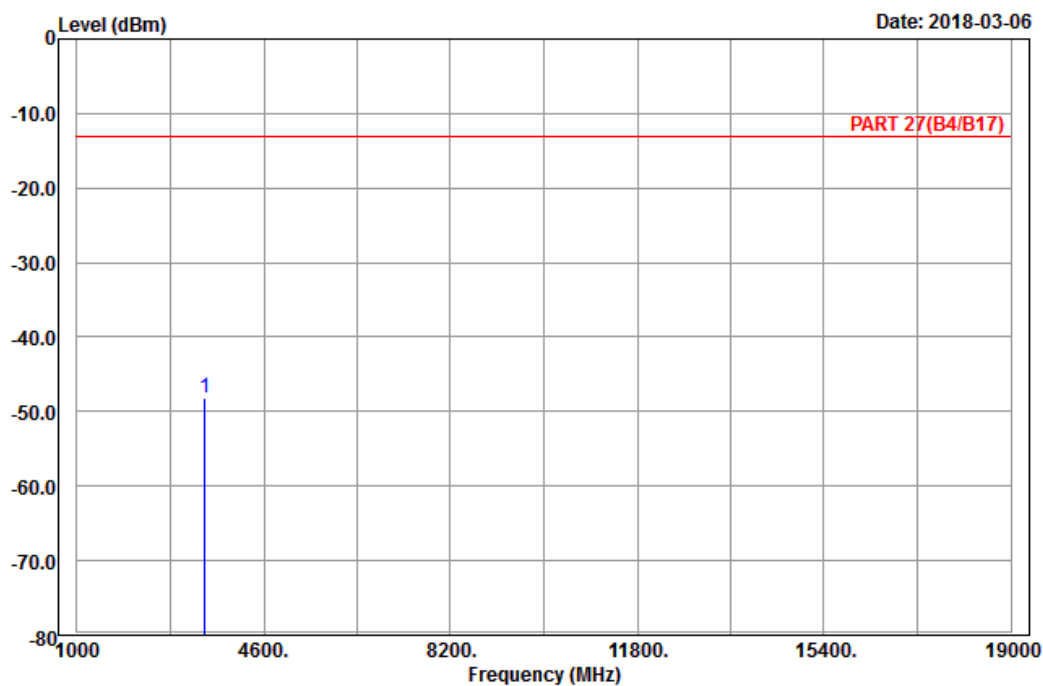
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : Band IV_Link_CH1413
 Tested by: Charles Hsiao

Freq	Level	Read Level	Limit	Over	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp 3465.20	-48.25	-62.59	-13.00	-35.25	14.34	Peak

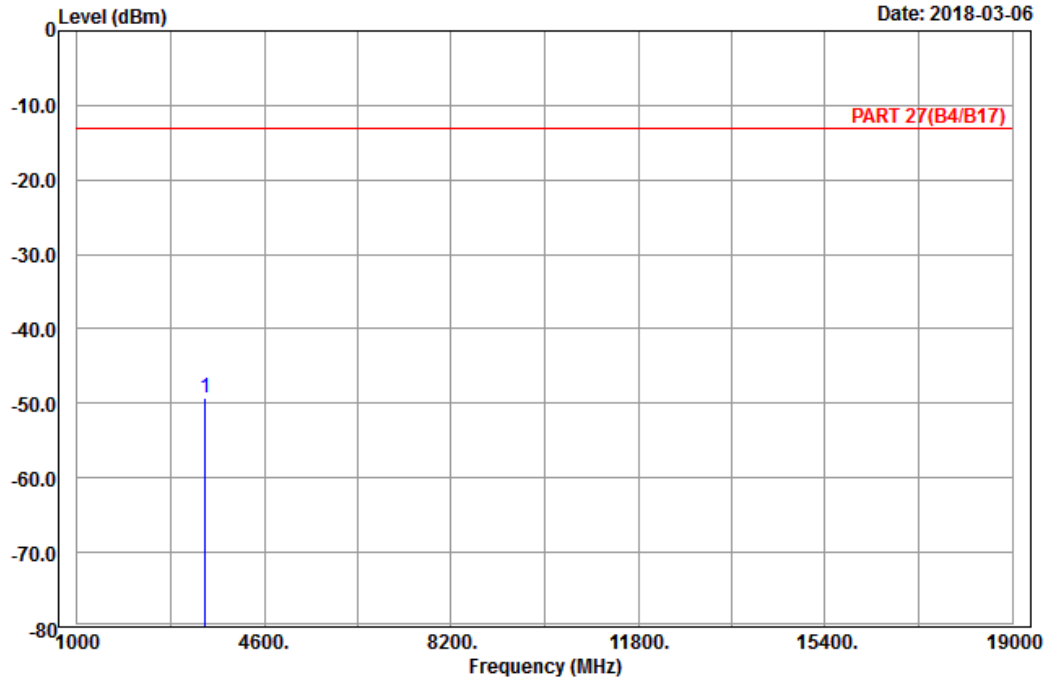


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-03-06



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : Band IV_Link_CH1413
 Tested by: Charles Hsiao

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	pp 3465.20	-49.27	-63.61	-13.00	-36.27	14.34	Peak

High Channel

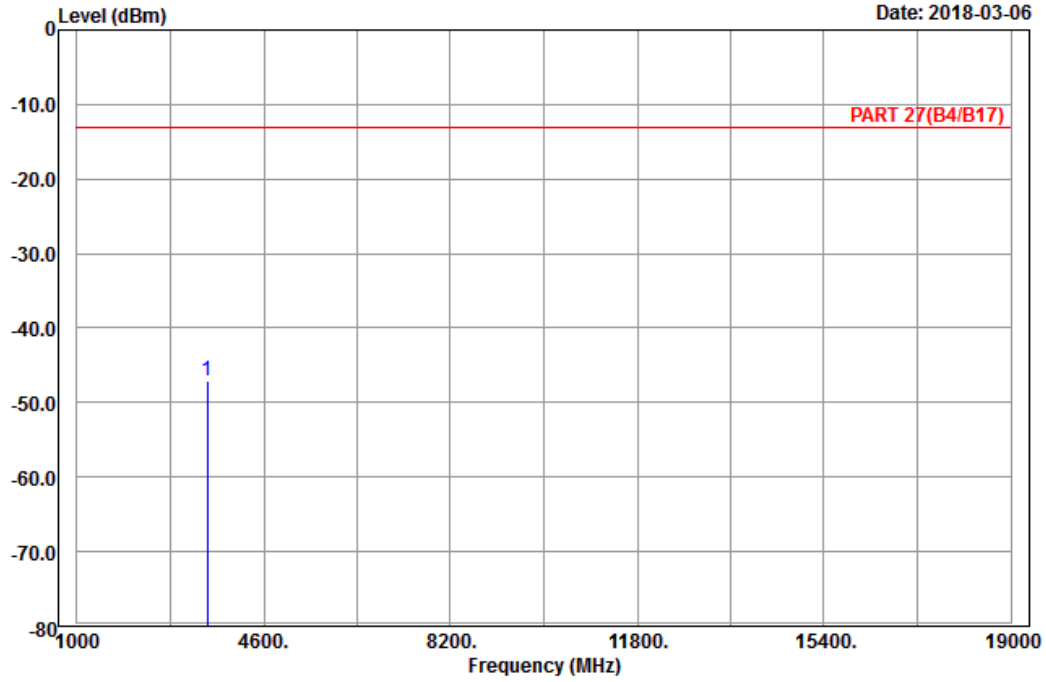


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-03-06



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : Band IV_Link_CH1513
 Tested by: Charles Hsiao

Freq	Level	Read Level	Limit	Over	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp 3505.20	-47.13	-61.41	-13.00	-34.13	14.28	Peak

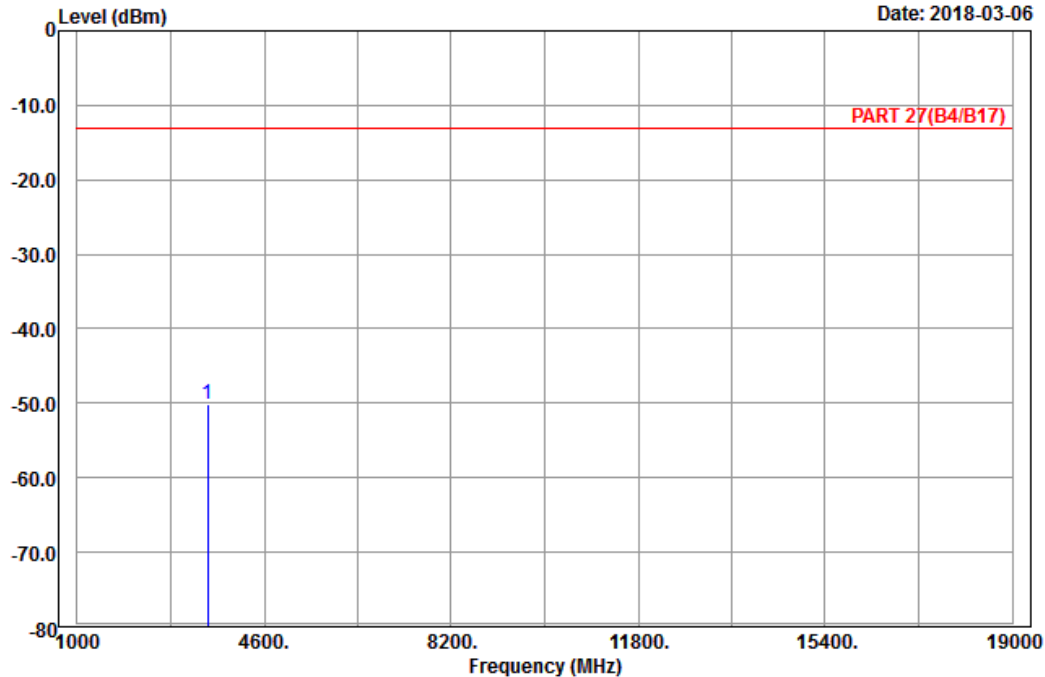


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-03-06



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : Band IV_Link_CH1513
 Tested by: Charles Hsiao

		Read	Limit	Over		
Freq	Level	Level	Line	Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp 3505.20	-50.21	-64.49	-13.00	-37.21	14.28	Peak

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

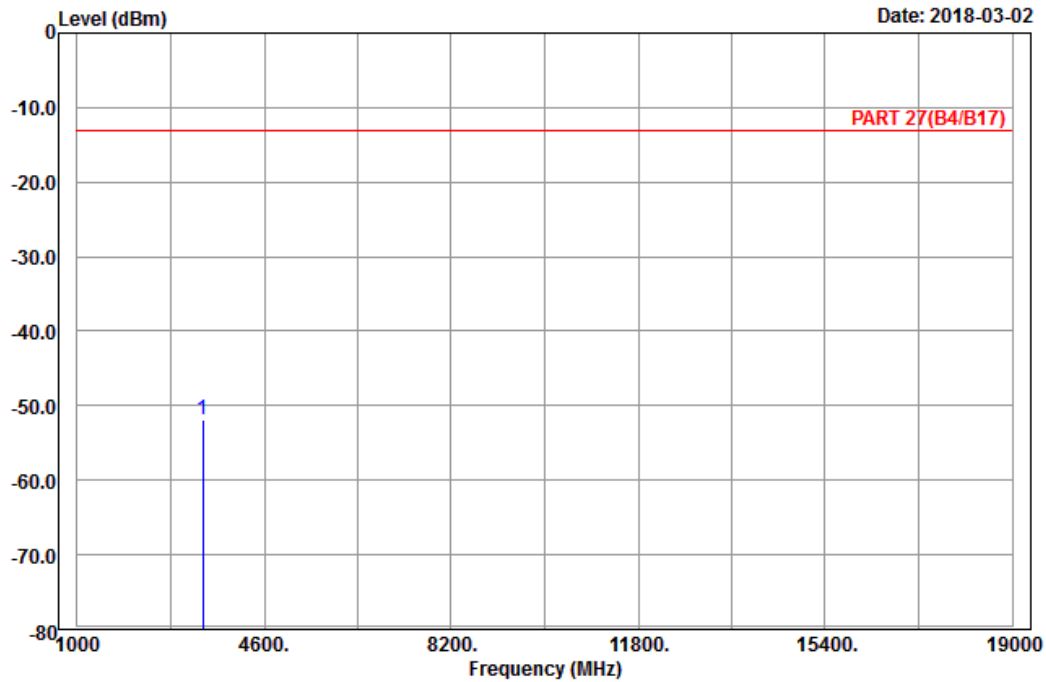


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-03-02



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : LTE_Band 4_Link_CH19957
 Tested by: Karl Lee

	Read	Limit	Over			
Freq	Level	Level	Line	Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp 3421.40	-51.84	-66.21	-13.00	-38.84	14.37	Peak

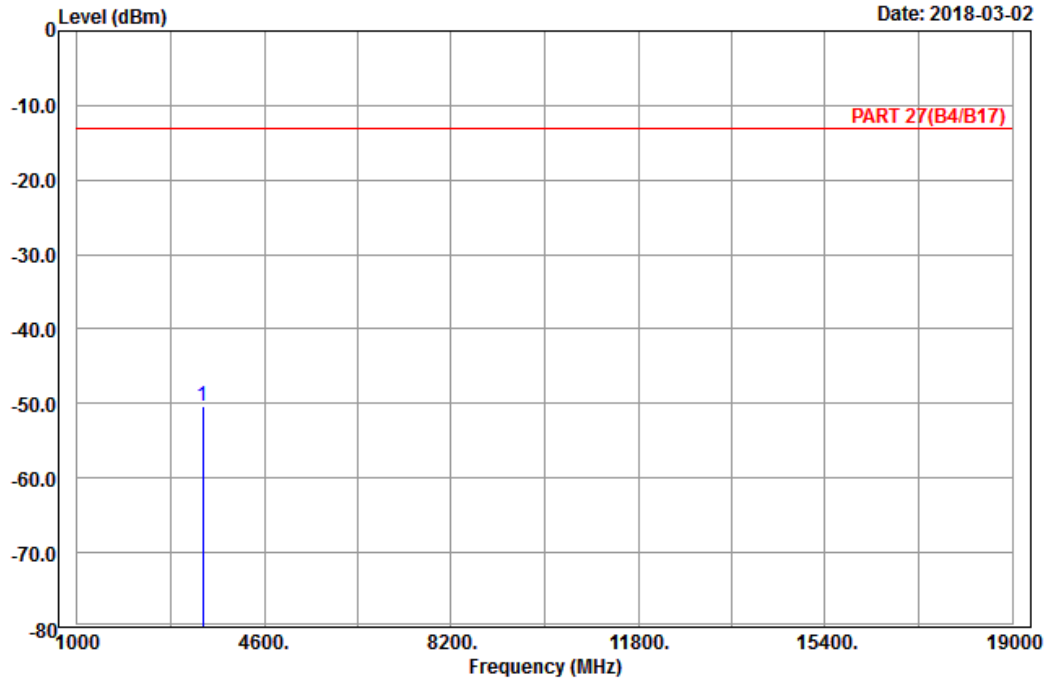


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-03-02



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 4_Link_CH19957
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	pp 3421.40	-50.41	-64.78	-13.00	-37.41	14.37	Peak

Middle Channel

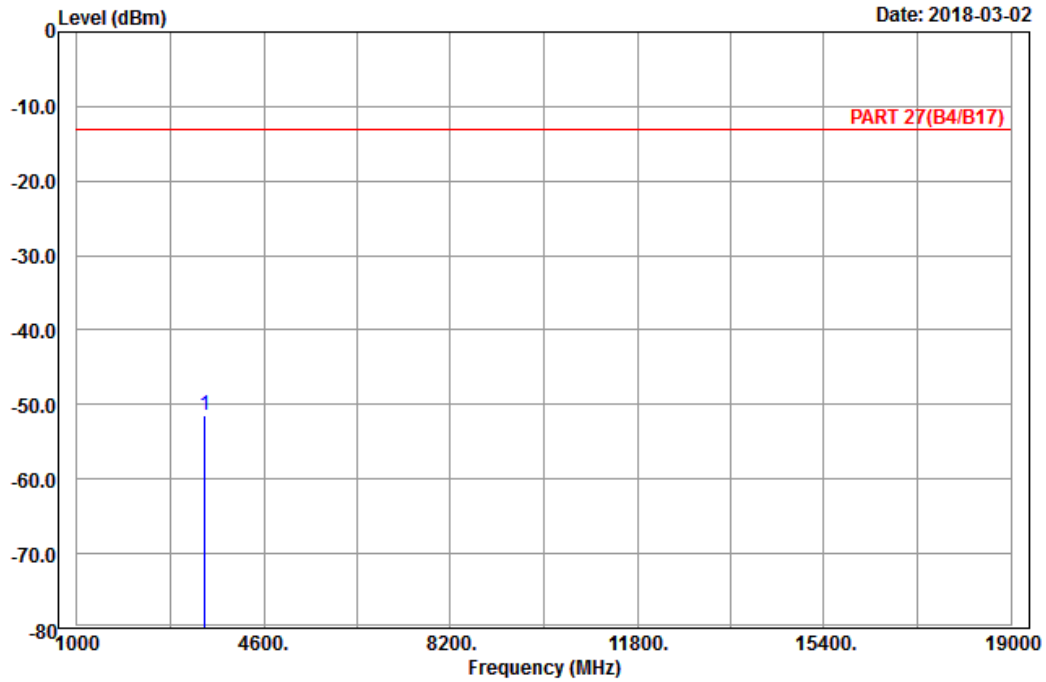


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 13

Date: 2018-03-02



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : LTE_Band 4_Link_CH20175
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	pp 3465.00	-51.49	-65.83	-13.00	-38.49	14.34	Peak

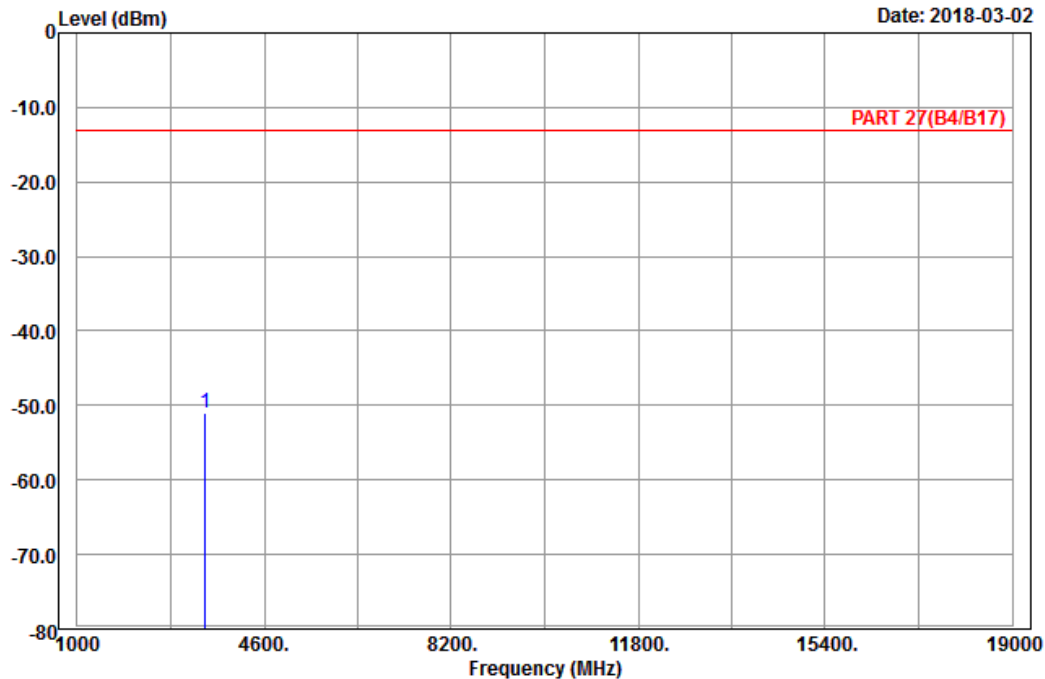


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 14

Date: 2018-03-02



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 4_Link_CH20175
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	pp 3465.00	-51.02	-65.36	-13.00	-38.02	14.34	Peak

High Channel

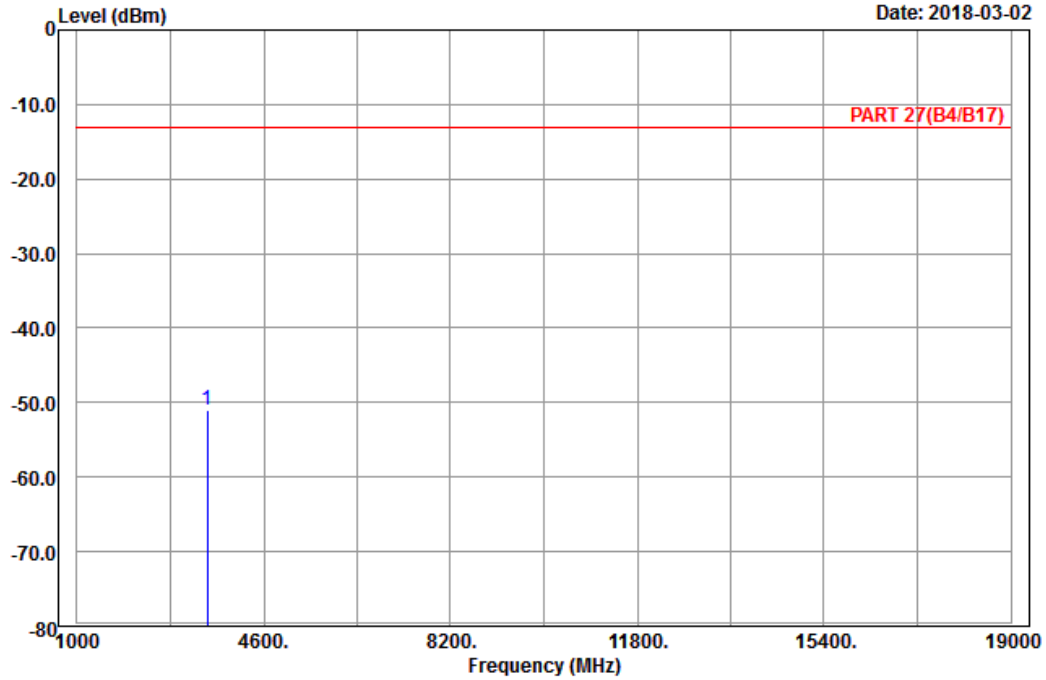


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-03-02



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : LTE_Band 4_Link_CH20393
 Tested by: Karl Lee

	Read	Limit	Over			
Freq	Level	Level	Line	Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp 3508.60	-50.94	-65.22	-13.00	-37.94	14.28	Peak

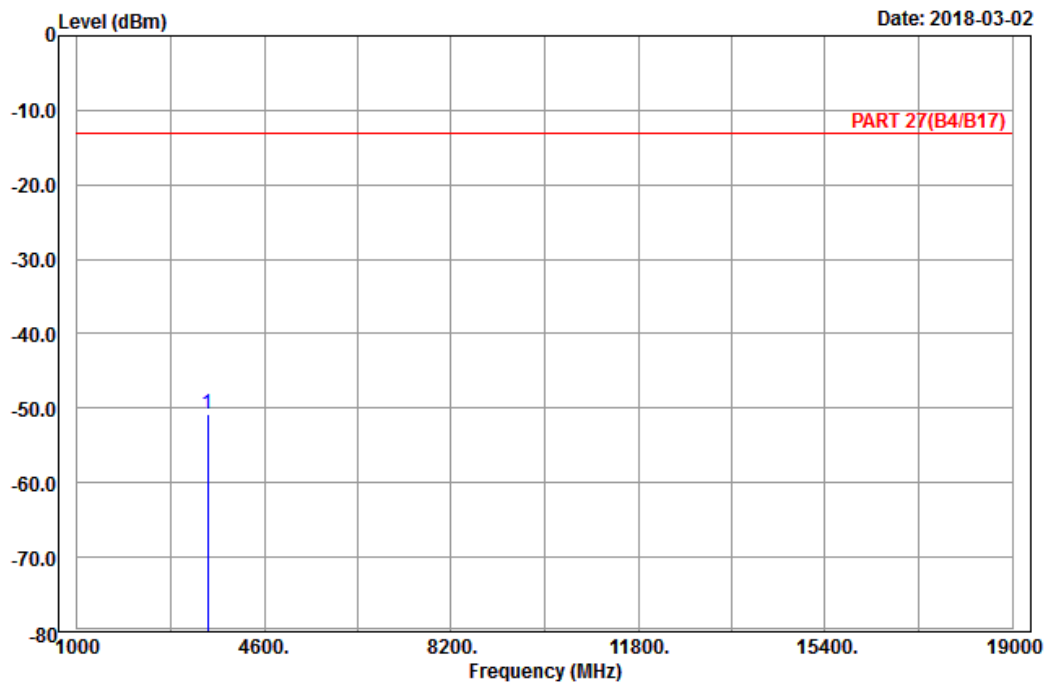


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A D T

Data: 10

Date: 2018-03-02



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 4_Link_CH20393
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	pp 3508.60	-50.75	-65.03	-13.00	-37.75	14.28	Peak

Channel Bandwidth: 5 MHz / QPSK
Low Channel

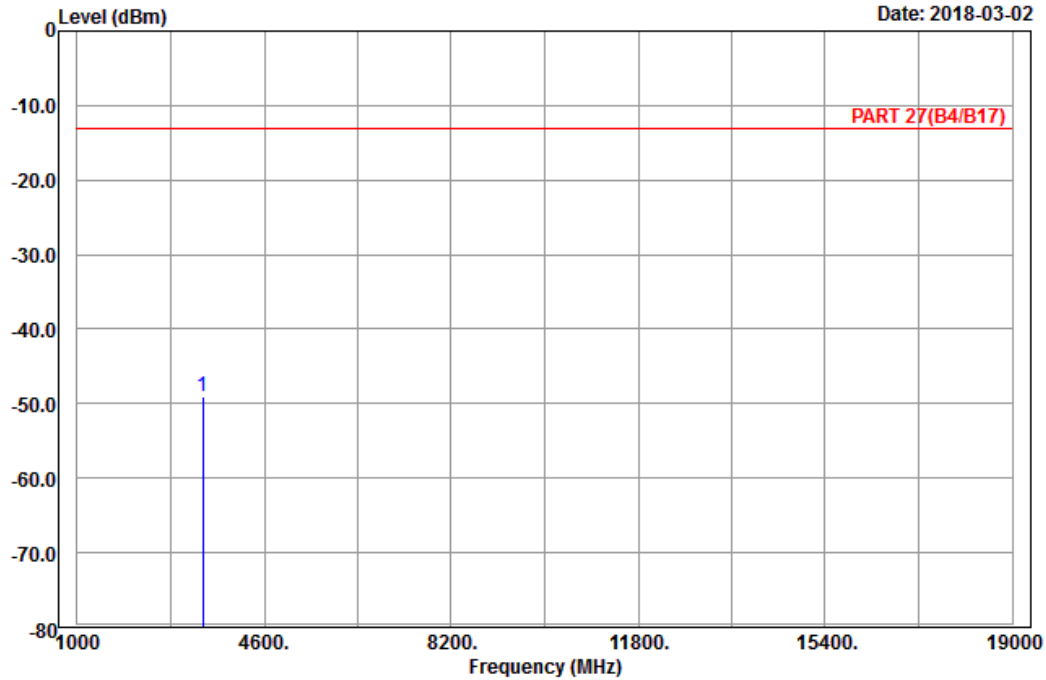


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A D T

Data: 9

Date: 2018-03-02



Site : 966 chamber 1
Condition: PART 27(B4/B17) Horizontal
Remark : LTE_Band 4_Link_CH19975
Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	pp 3425.00	-49.12	-63.49	-13.00	-36.12	14.37	Peak

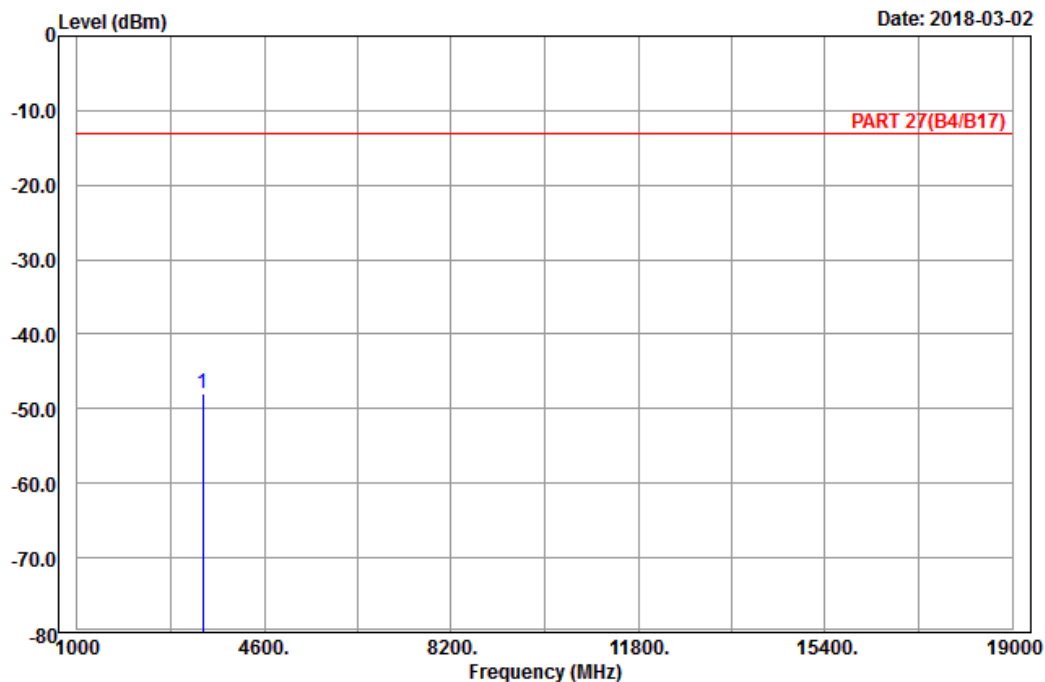


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A D T

Data: 10

Date: 2018-03-02



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 4_Link_CH19975
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	pp 3425.00	-47.86	-62.23	-13.00	-34.86	14.37	Peak

Middle Channel

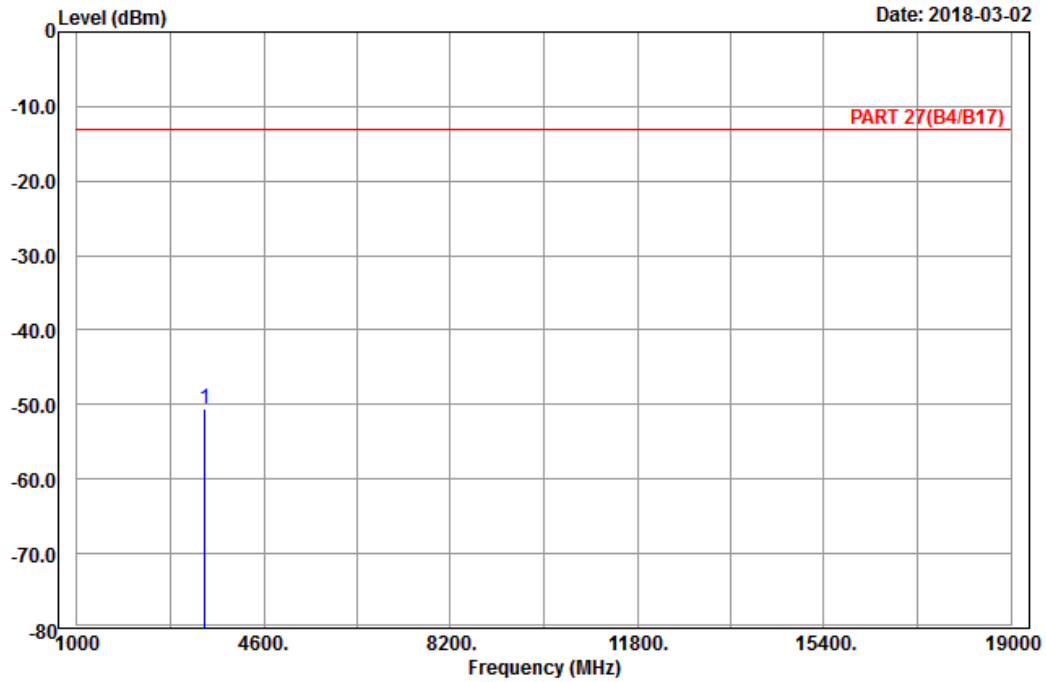


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 13

Date: 2018-03-02



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : LTE_Band 4_Link_CH20175
 Tested by: Karl Lee

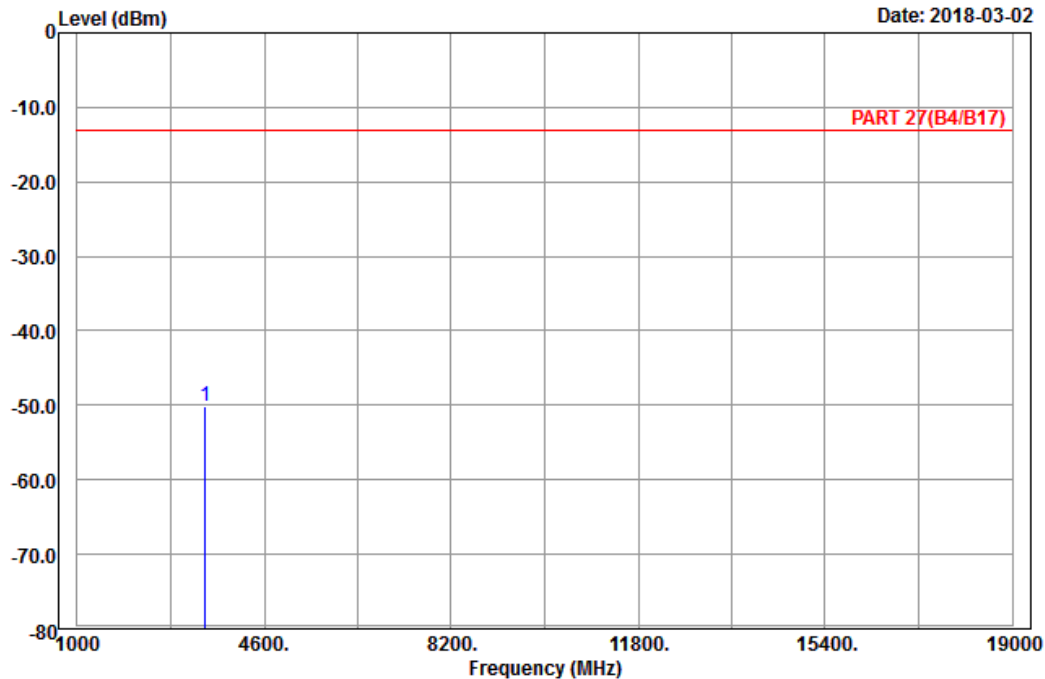
	Read	Limit	Over			
Freq	Level	Level	Line	Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp 3465.00	-50.60	-64.94	-13.00	-37.60	14.34	Peak



A D T

Data: 14

Date: 2018-03-02



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 4_Link_CH20175
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	pp 3465.00	-50.12	-64.46	-13.00	-37.12	14.34	Peak

High Channel

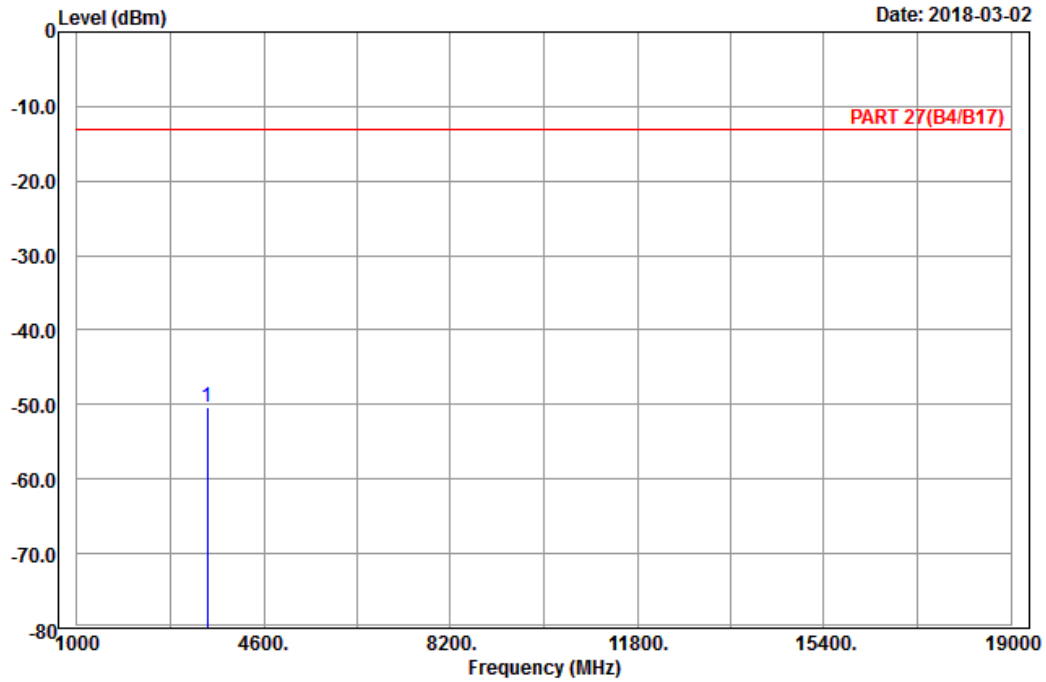


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A D T

Data: 9

Date: 2018-03-02



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : LTE_Band 4_Link_CH20375
 Tested by: Karl Lee

	Read	Limit	Over			
Freq	Level	Level	Line	Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp 3505.00	-50.33	-64.61	-13.00	-37.33	14.28	Peak

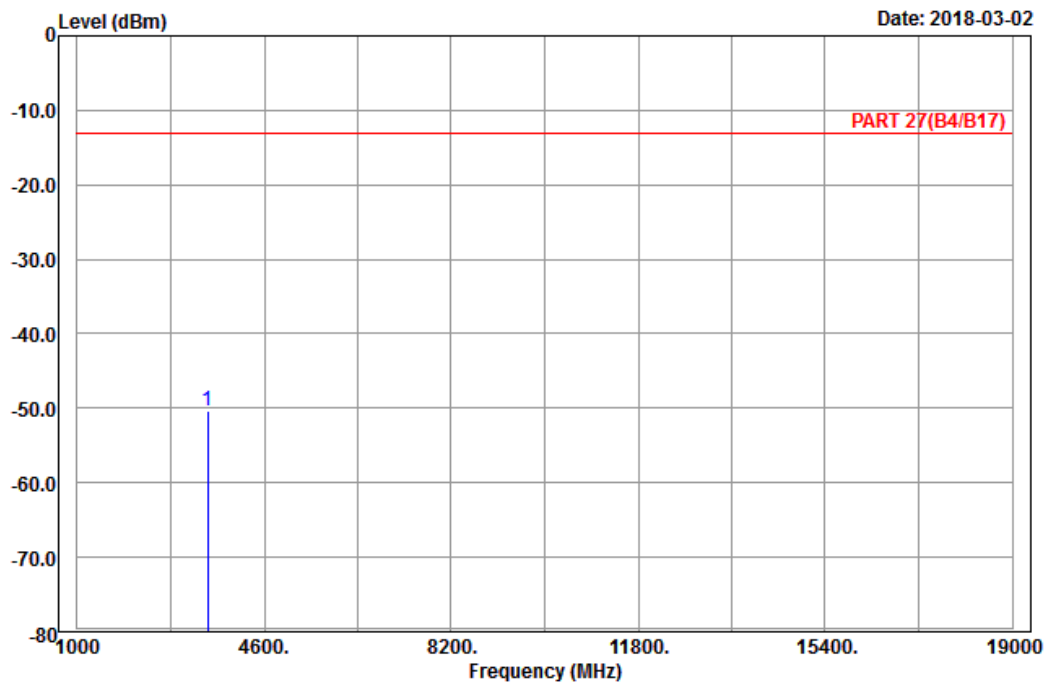


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-03-02



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 4_Link_CH20375
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	pp 3505.00	-50.42	-64.70	-13.00	-37.42	14.28	Peak

Channel Bandwidth: 20 MHz / QPSK
Low Channel

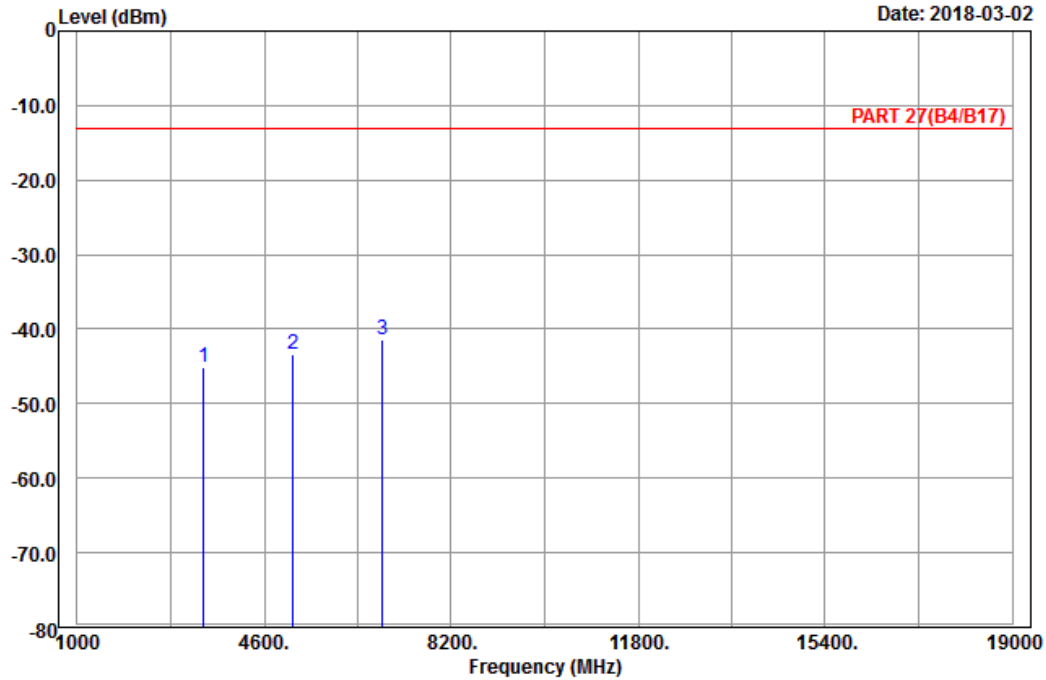


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-03-02



Site : 966 chamber 1
Condition: PART 27(B4/B17) Horizontal
Remark : LTE_Band 4_Link_CH20050
Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	3440.00	-45.09	-59.44	-13.00	-32.09	14.35	Peak
2	5160.00	-43.43	-63.35	-13.00	-30.43	19.92	Peak
3 pp	6880.00	-41.42	-64.22	-13.00	-28.42	22.80	Peak

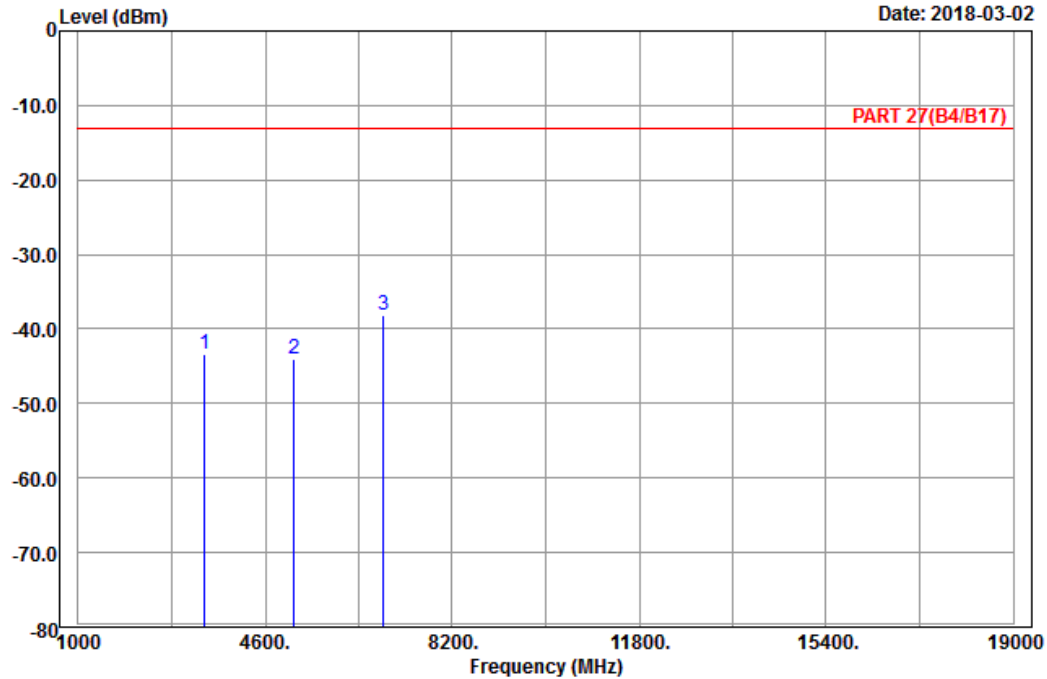


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-03-02



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 4_Link_CH20050
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	3440.00	-43.34	-57.69	-13.00	-30.34	14.35	Peak
2	5160.00	-44.02	-63.94	-13.00	-31.02	19.92	Peak
3 pp	6880.00	-38.11	-60.91	-13.00	-25.11	22.80	Peak

Middle Channel

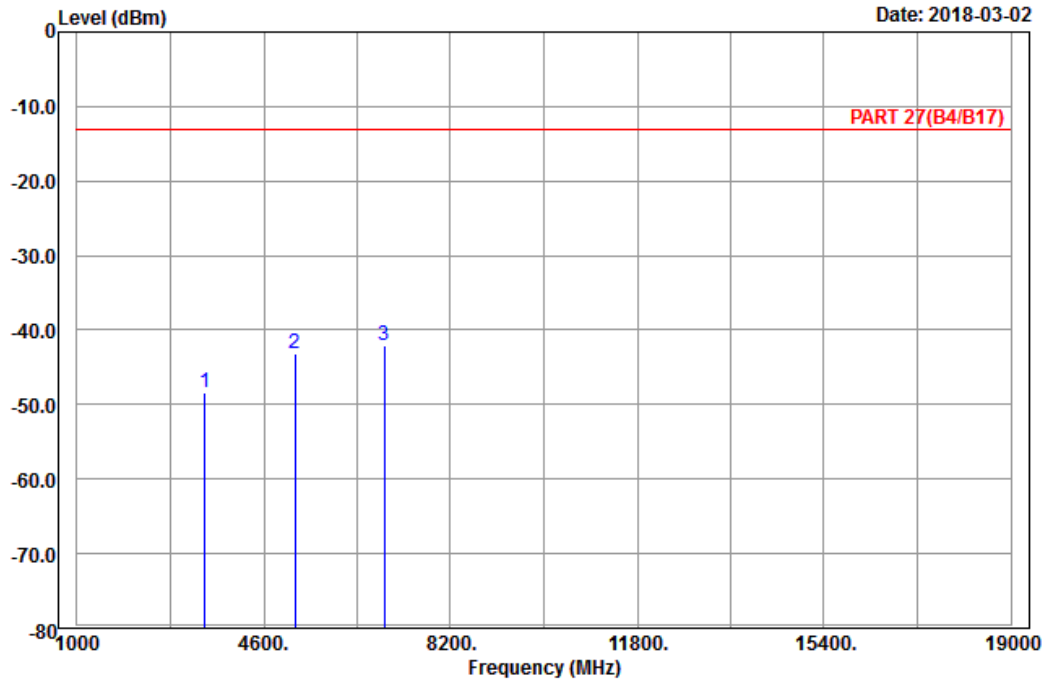


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-03-02



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : LTE_Band 4_Link_CH20175
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	3465.00	-48.44	-62.78	-13.00	-35.44	14.34	Peak
2	5197.50	-43.18	-63.30	-13.00	-30.18	20.12	Peak
3	pp 6930.00	-42.12	-64.99	-13.00	-29.12	22.87	Peak

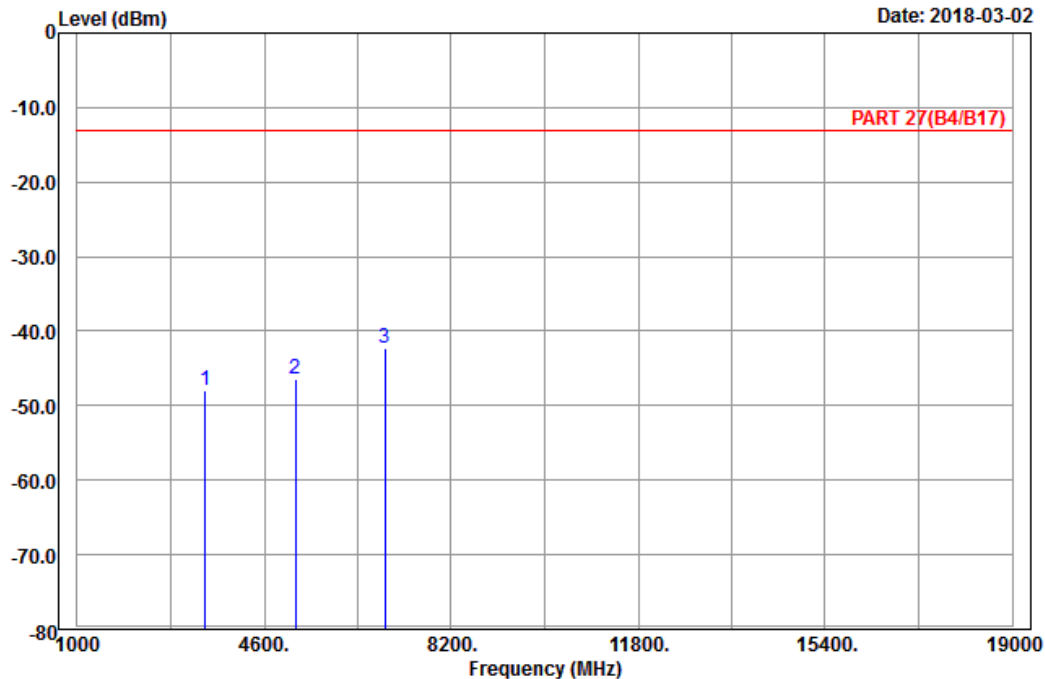


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-03-02



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 4_Link_CH20175
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	3465.00	-48.01	-62.35	-13.00	-35.01	14.34	Peak
2	5197.50	-46.37	-66.49	-13.00	-33.37	20.12	Peak
3 pp	6930.00	-42.27	-65.14	-13.00	-29.27	22.87	Peak

High Channel

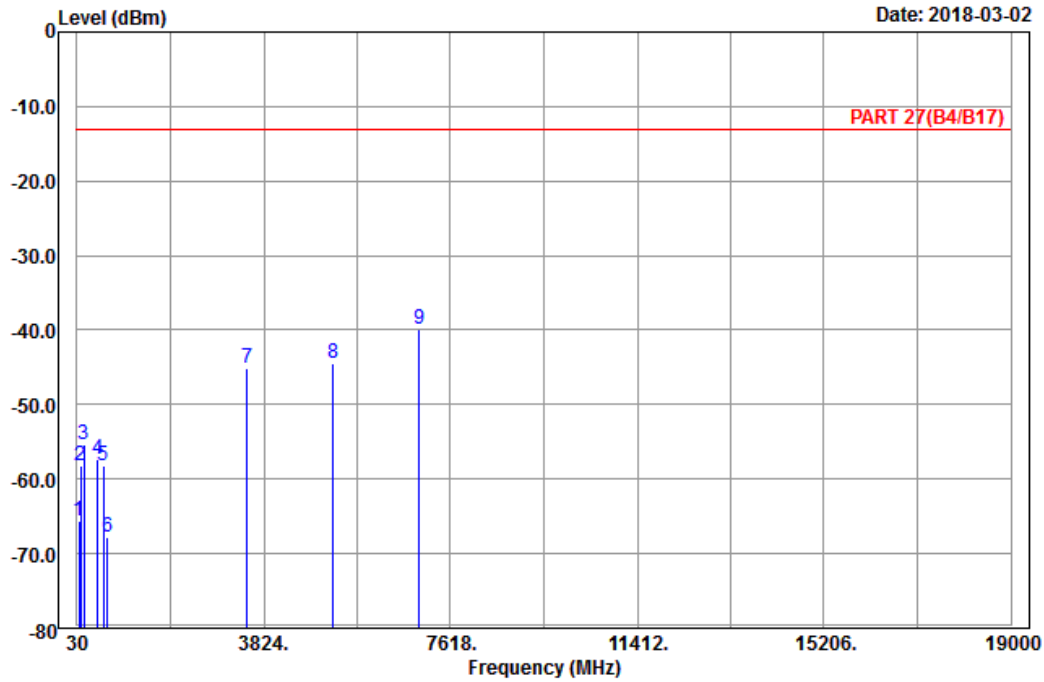


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 13

Date: 2018-03-02



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : LTE_Band 4_Link_CH20300
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	68.34	-65.51	-52.69	-13.00	-52.51	-12.82	Peak
2	98.58	-58.17	-47.99	-13.00	-45.17	-10.18	Peak
3	174.72	-55.28	-49.09	-13.00	-42.28	-6.19	Peak
4	447.00	-57.43	-53.65	-13.00	-44.43	-3.78	Peak
5	570.20	-58.24	-57.42	-13.00	-45.24	-0.82	Peak
6	641.60	-67.82	-67.77	-13.00	-54.82	-0.05	Peak
7	3490.00	-45.23	-59.54	-13.00	-32.23	14.31	Peak
8	5235.00	-44.45	-64.61	-13.00	-31.45	20.16	Peak
9 pp	6980.00	-39.98	-62.67	-13.00	-26.98	22.69	Peak

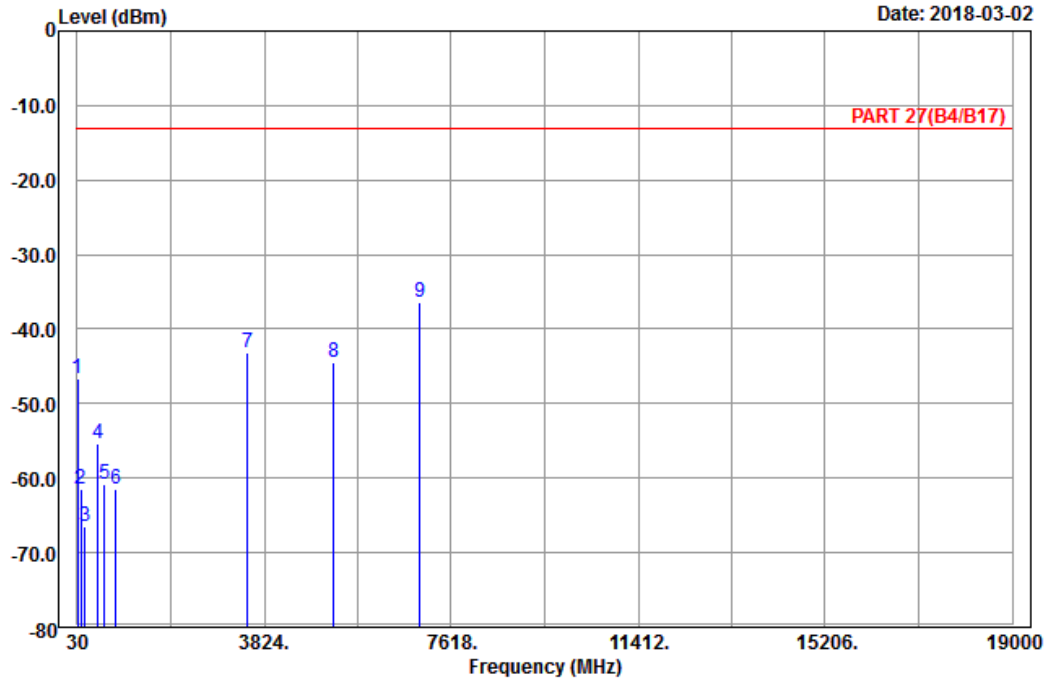


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 14

Date: 2018-03-02



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 4_Link_CH20300
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	40.53	-46.65	-36.85	-13.00	-33.65	-9.80	Peak
2	96.96	-61.48	-51.19	-13.00	-48.48	-10.29	Peak
3	189.03	-66.44	-60.72	-13.00	-53.44	-5.72	Peak
4	450.50	-55.45	-51.58	-13.00	-42.45	-3.87	Peak
5	586.30	-60.85	-60.71	-13.00	-47.85	-0.14	Peak
6	811.00	-61.56	-63.45	-13.00	-48.56	1.89	Peak
7	3490.00	-43.12	-57.43	-13.00	-30.12	14.31	Peak
8	5235.00	-44.43	-64.59	-13.00	-31.43	20.16	Peak
9 pp	6980.00	-36.43	-59.12	-13.00	-23.43	22.69	Peak

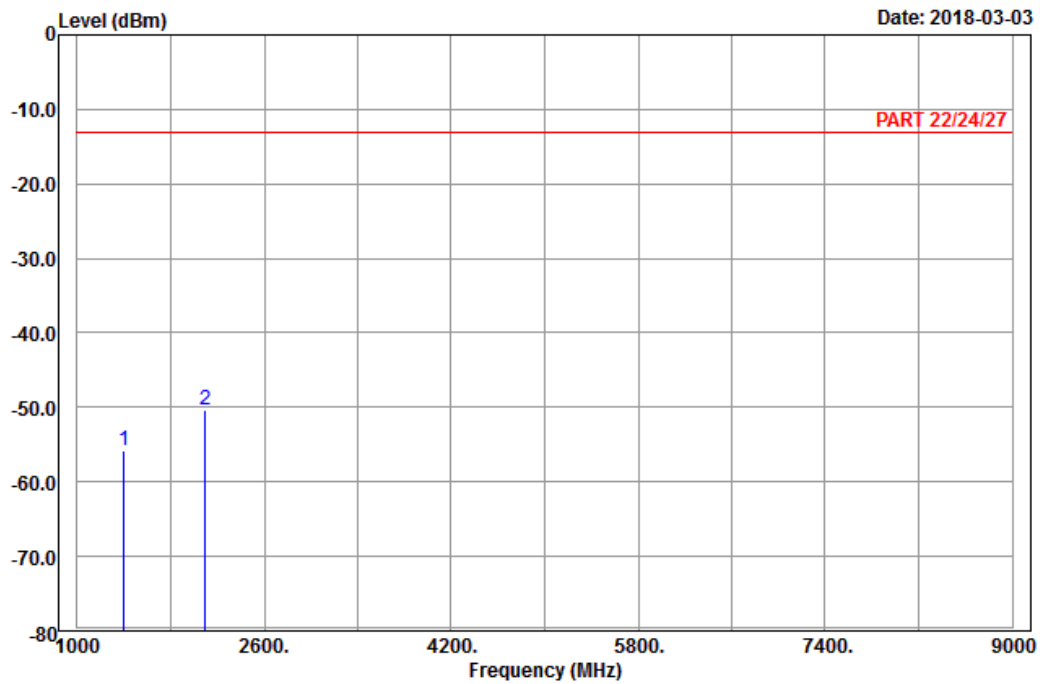
LTE Band 12
Channel Bandwidth: 1.4 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 chamber 1
Condition: PART 22/24/27 Horizontal
Remark : LTE_Band 12_Link_CH23017
Tested by: Karl Lee

		Read	Limit	Over			
	Freq	Level	Level	Line	Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1399.40	-55.90	-62.00	-13.00	-42.90	6.10	Peak
2	pp 2099.10	-50.46	-61.39	-13.00	-37.46	10.93	Peak

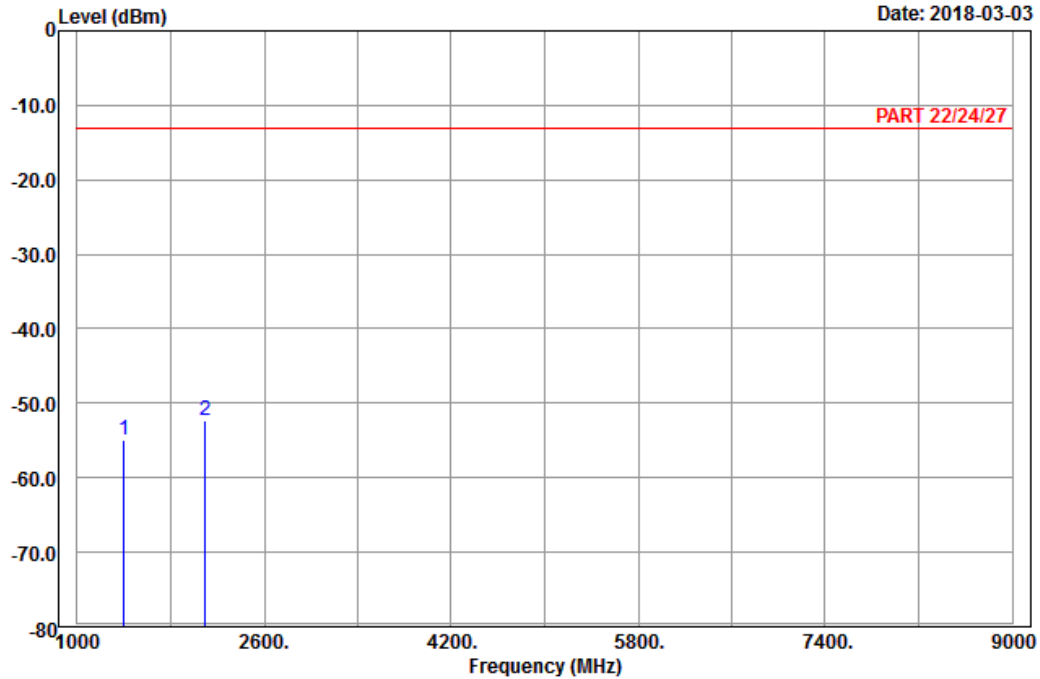


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-03-03



Site : 966 chamber 1
 Condition: PART 22/24/27 Vertical
 Remark : LTE_Band 12_Link_CH23017
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1399.40	-55.01	-61.11	-13.00	-42.01	6.10	Peak
2 pp	2099.10	-52.25	-63.18	-13.00	-39.25	10.93	Peak

Middle Channel

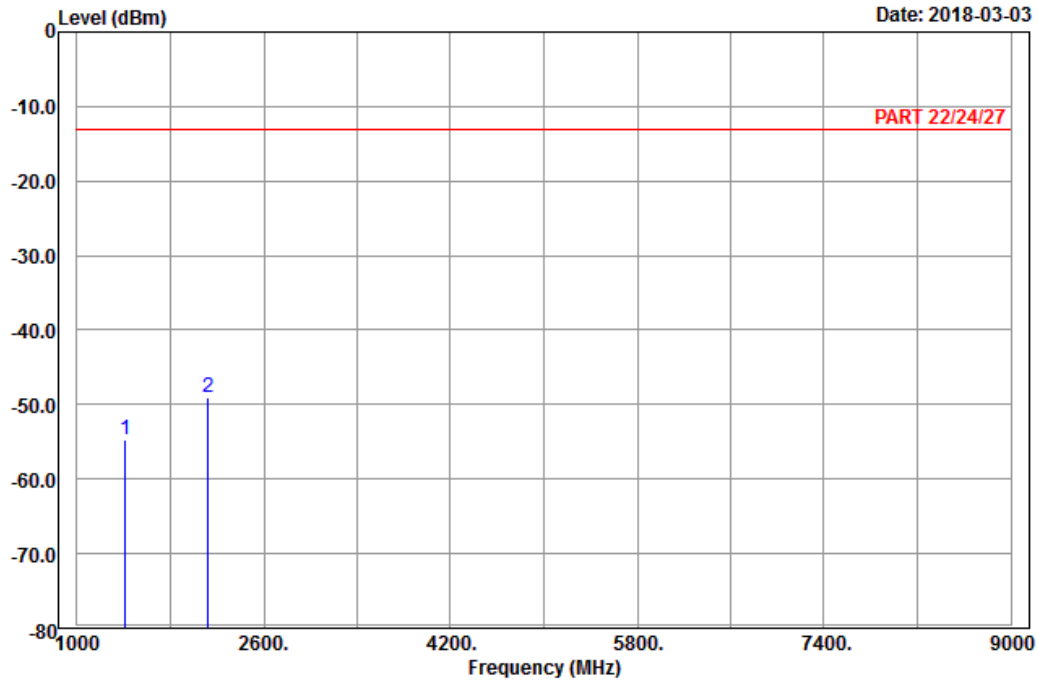


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-03-03



Site : 966 chamber 1
 Condition: PART 22/24/27 Horizontal
 Remark : LTE_Band 12_Link_CH23095
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1415.00	-54.79	-61.15	-13.00	-41.79	6.36	Peak
2	2122.50	-48.96	-60.07	-13.00	-35.96	11.11	Peak

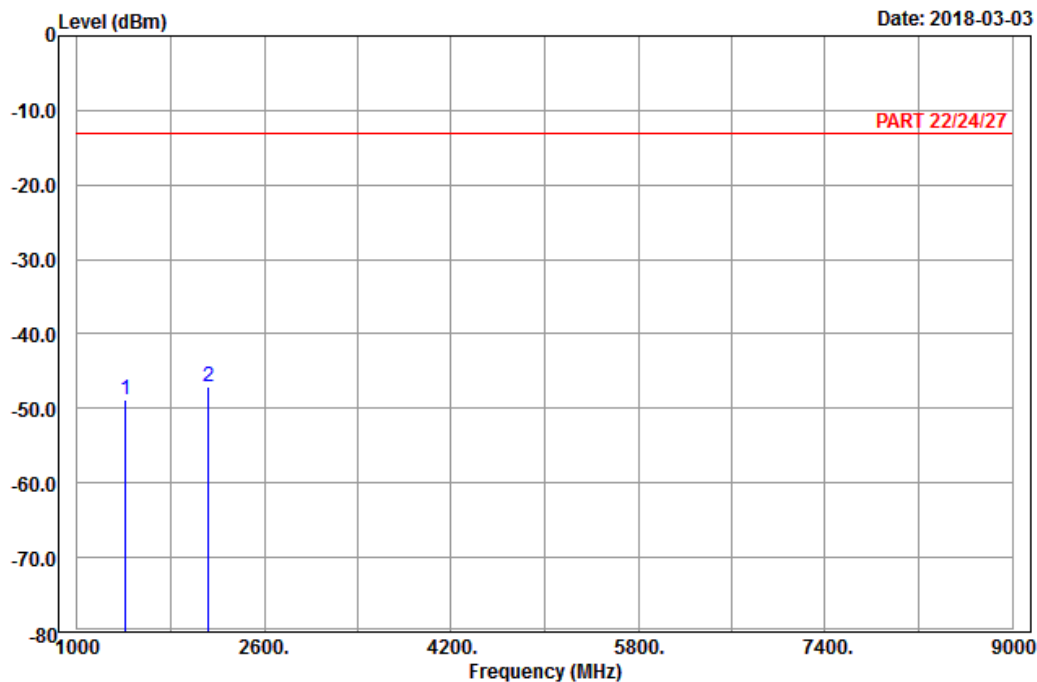


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-03-03



Site : 966 chamber 1
 Condition: PART 22/24/27 Vertical
 Remark : LTE_Band 12_Link_CH23095
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1415.00	-48.79	-55.15	-13.00	-35.79	6.36	Peak
2 pp	2122.50	-47.01	-58.12	-13.00	-34.01	11.11	Peak

High Channel

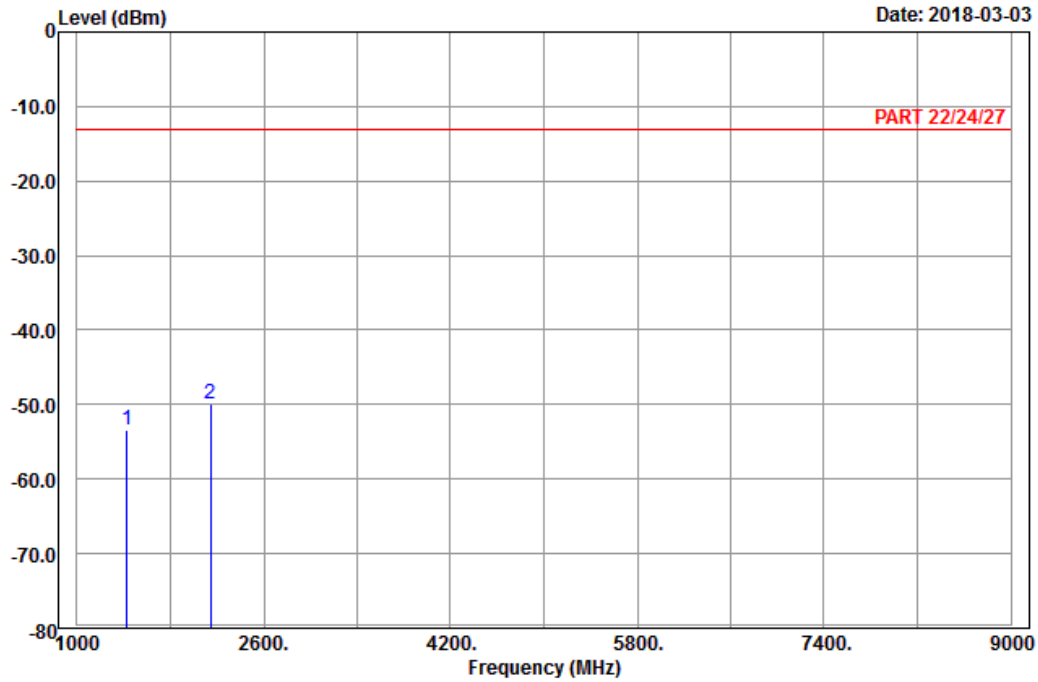


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5

Date: 2018-03-03



Site : 966 chamber 1
 Condition: PART 22/24/27 Horizontal
 Remark : LTE_Band 12_Link_CH23155
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1430.60	-53.31	-59.55	-13.00	-40.31	6.24	Peak
2	pp 2145.90	-49.96	-61.21	-13.00	-36.96	11.25	Peak

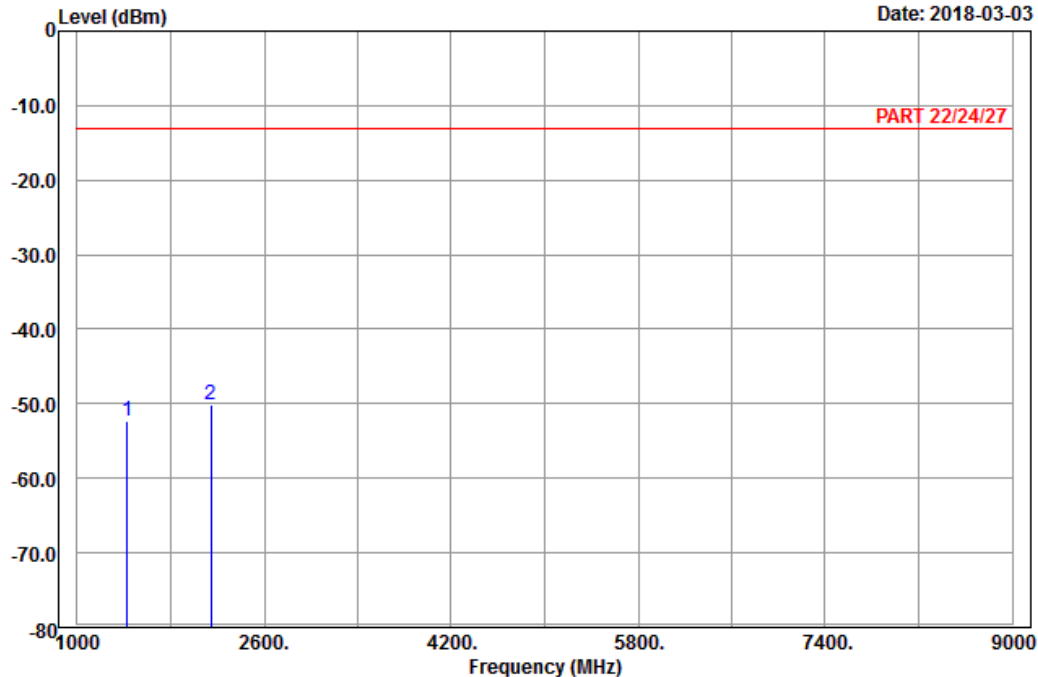


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-03-03



Site : 966 chamber 1
 Condition: PART 22/24/27 Vertical
 Remark : LTE_Band 12_Link_CH23155
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1430.60	-52.41	-58.65	-13.00	-39.41	6.24	Peak
2 pp	2145.90	-50.17	-61.42	-13.00	-37.17	11.25	Peak

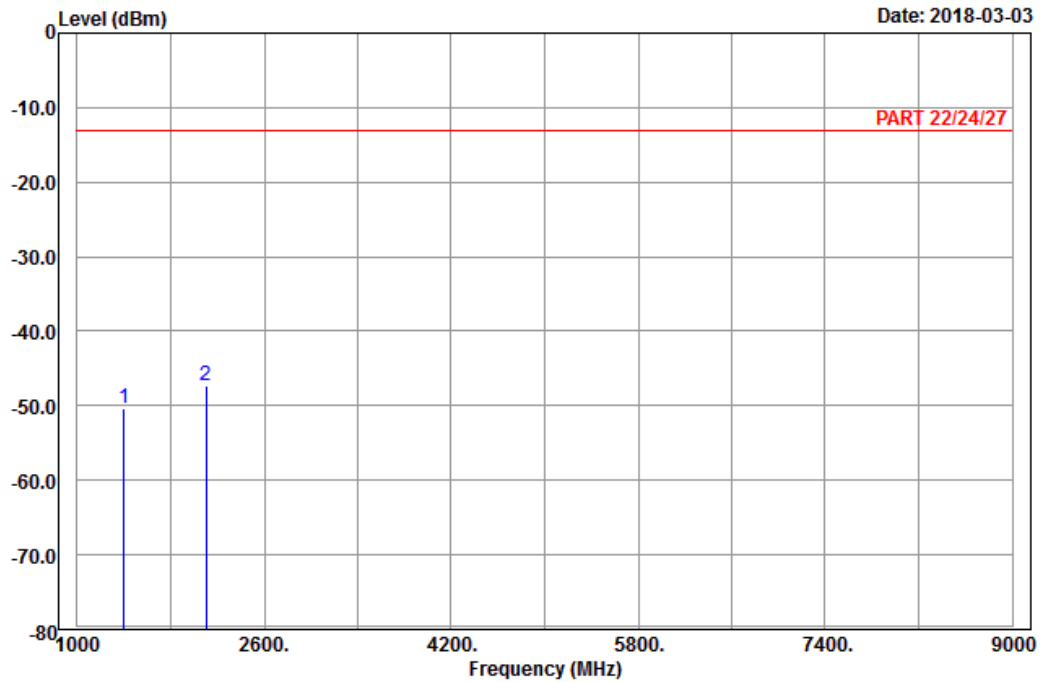
Channel Bandwidth: 5 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 chamber 1
Condition: PART 22/24/27 Horizontal
Remark : LTE_Band 12_Link_CH23035
Tested by: Karl Lee

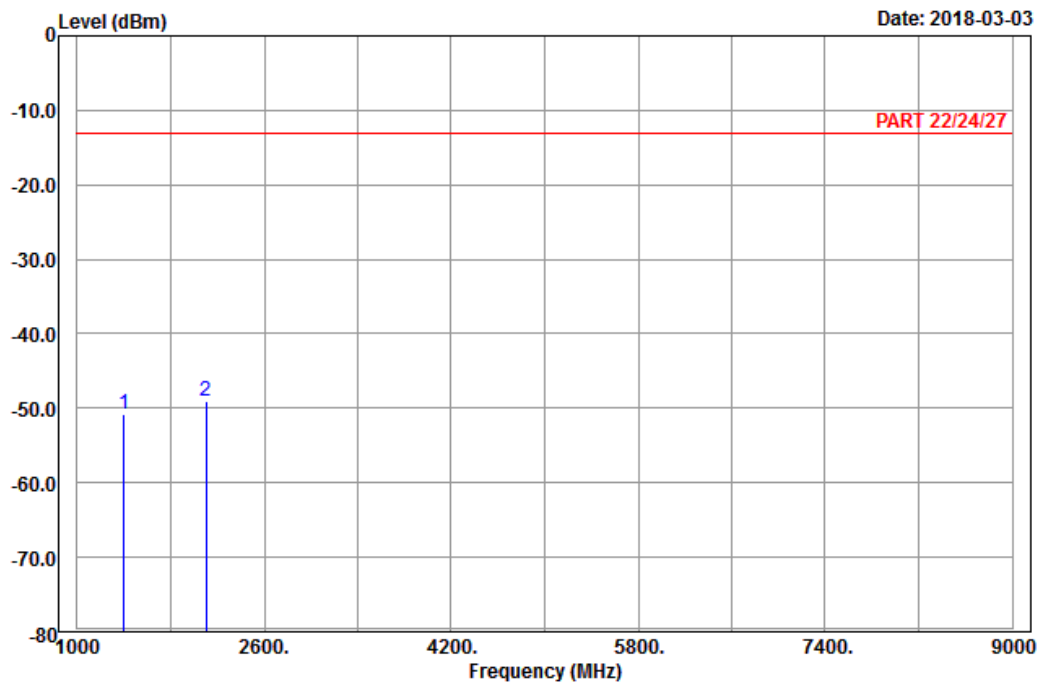
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1403.00	-50.32	-56.42	-13.00	-37.32	6.10	Peak
2 pp	2104.50	-47.21	-58.14	-13.00	-34.21	10.93	Peak



A D T

Data: 6

Date: 2018-03-03



Site : 966 chamber 1
 Condition: PART 22/24/27 Vertical
 Remark : LTE_Band 12_Link_CH23035
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1403.00	-50.88	-56.98	-13.00	-37.88	6.10	Peak
2 pp	2104.50	-48.96	-59.89	-13.00	-35.96	10.93	Peak

Middle Channel

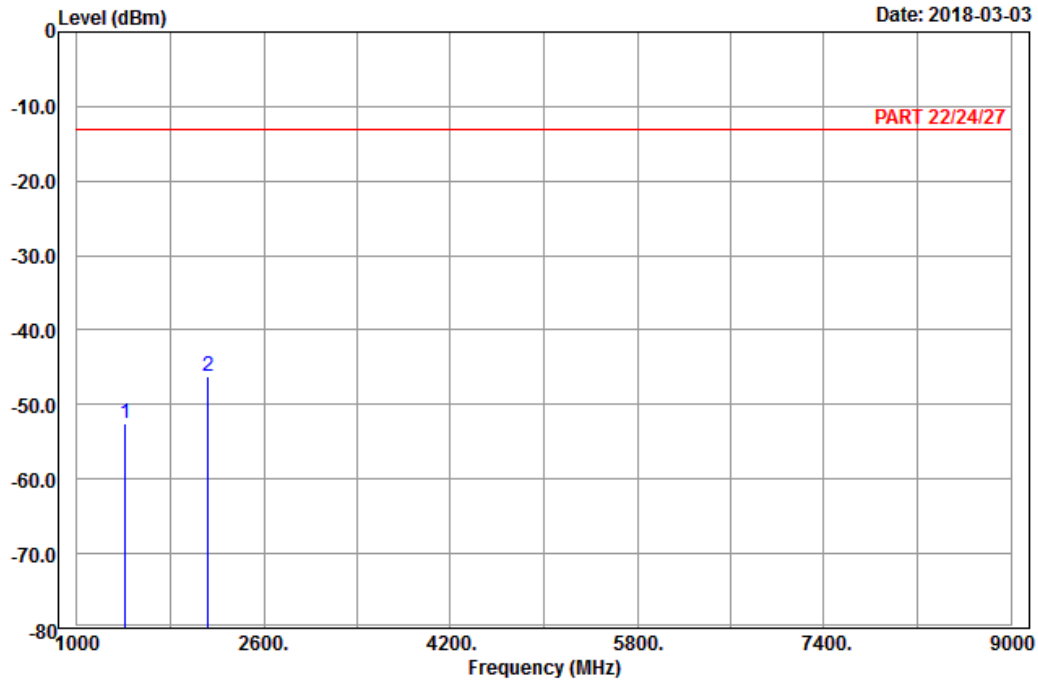


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-03-03



Site : 966 chamber 1
 Condition: PART 22/24/27 Horizontal
 Remark : LTE_Band 12_Link_CH23095
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1415.00	-52.57	-58.93	-13.00	-39.57	6.36	Peak
2	pp 2122.50	-46.29	-57.40	-13.00	-33.29	11.11	Peak

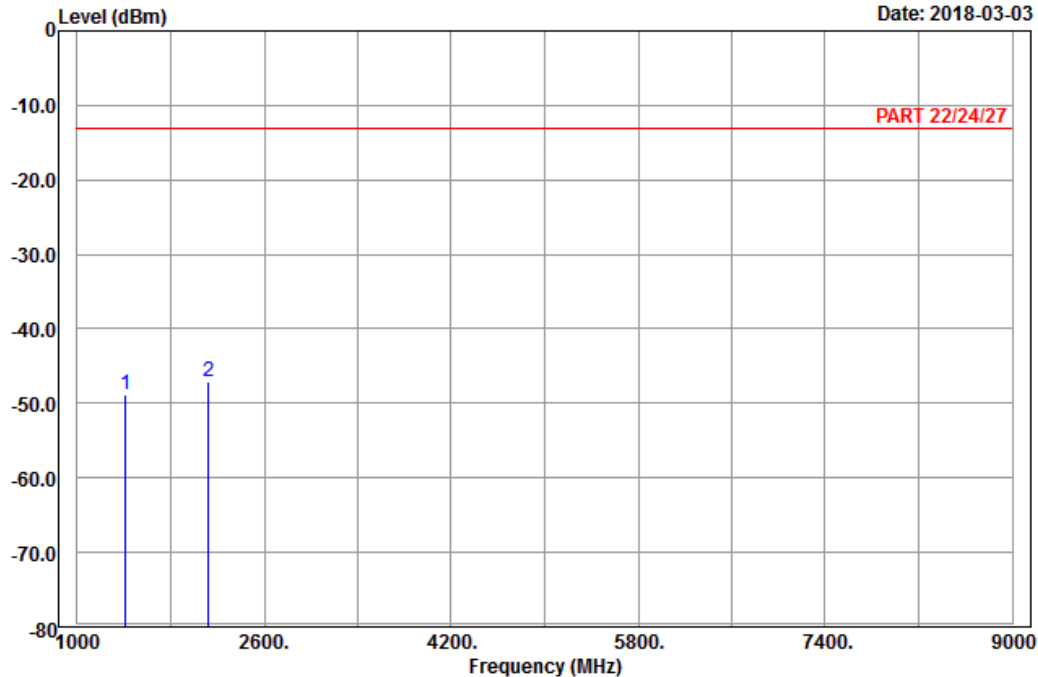


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-03-03



Site : 966 chamber 1
 Condition: PART 22/24/27 Vertical
 Remark : LTE_Band 12_Link_CH23095
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1415.00	-48.81	-55.17	-13.00	-35.81	6.36	Peak
2 pp	2122.50	-47.05	-58.16	-13.00	-34.05	11.11	Peak

High Channel

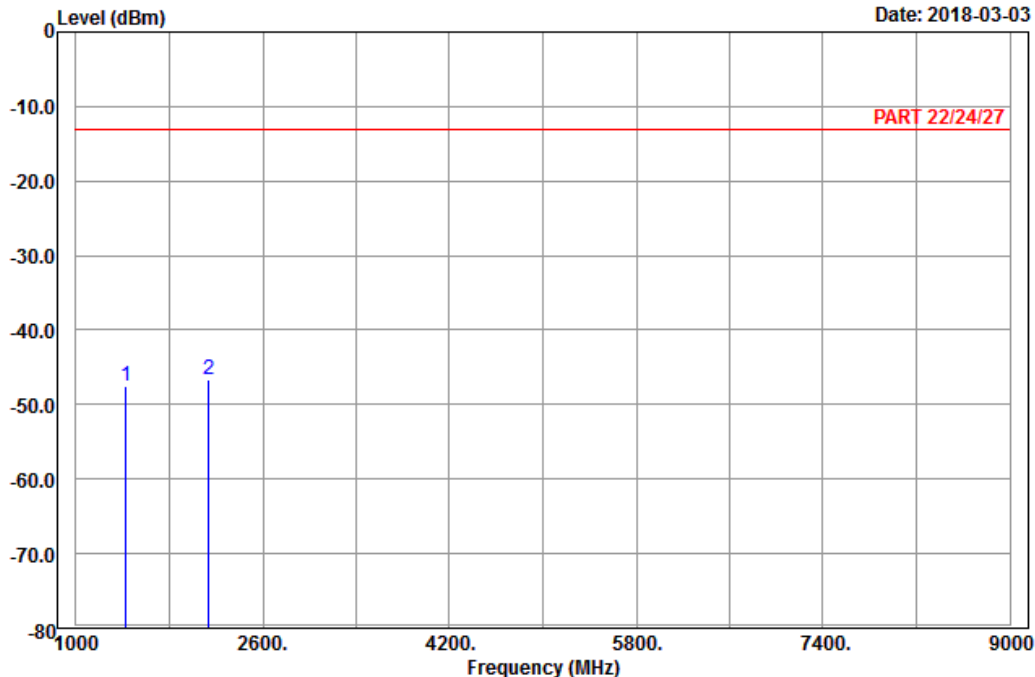


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5

Date: 2018-03-03



Site : 966 chamber 1
 Condition: PART 22/24/27 Horizontal
 Remark : LTE_Band 12_Link_CH23155
 Tested by: Karl Lee

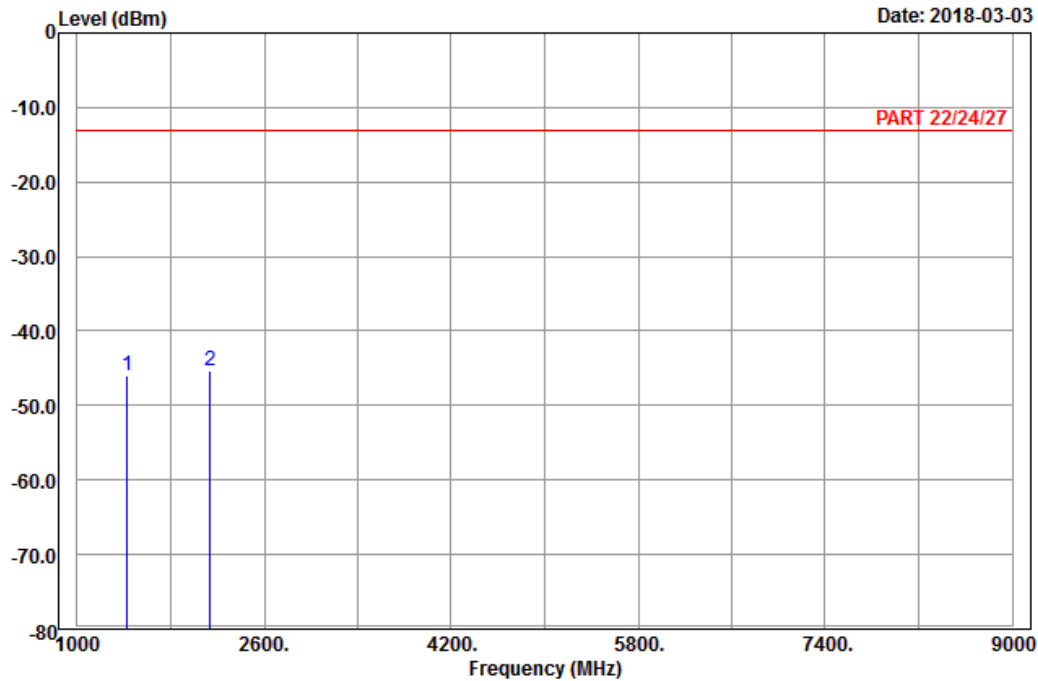
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1427.00	-47.46	-53.70	-13.00	-34.46	6.24	Peak
2	2140.50	-46.61	-57.89	-13.00	-33.61	11.28	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6



Site : 966 chamber 1
 Condition: PART 22/24/27 Vertical
 Remark : LTE_Band 12_Link_CH23155
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1427.00	-45.98	-52.22	-13.00	-32.98	6.24	Peak
2 pp	2140.50	-45.41	-56.69	-13.00	-32.41	11.28	Peak

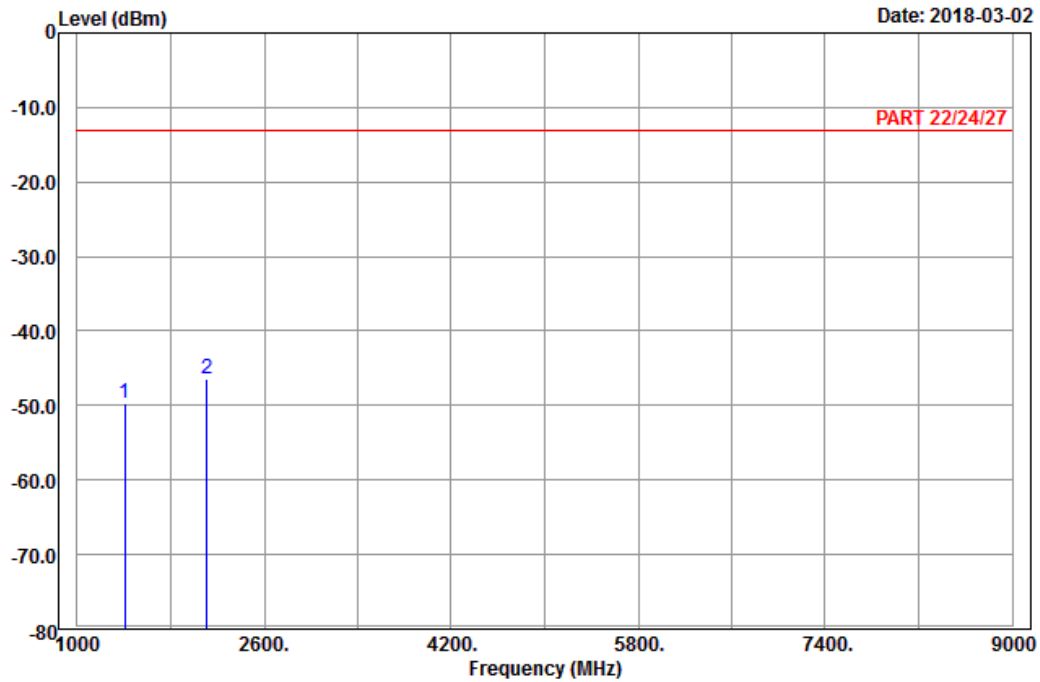
Channel Bandwidth: 10 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 chamber 1
Condition: PART 22/24/27 Horizontal
Remark : LTE_Band 12_Link_CH23095
Tested by: Karl Lee

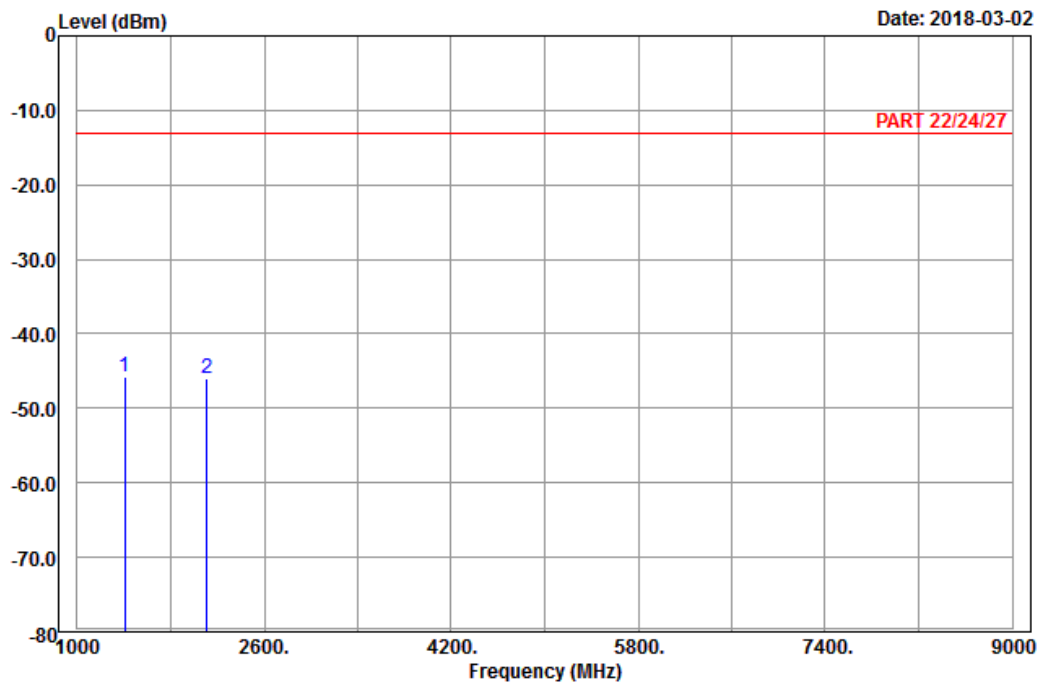
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1408.00	-49.76	-56.12	-13.00	-36.76	6.36	Peak
2 pp	2112.00	-46.46	-57.57	-13.00	-33.46	11.11	Peak



A D T

Data: 6

Date: 2018-03-02



Site : 966 chamber 1
 Condition: PART 22/24/27 Vertical
 Remark : LTE_Band 12_Link_CH23095
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	pp 1408.00	-45.86	-52.22	-13.00	-32.86	6.36	Peak
2	2112.00	-45.99	-57.10	-13.00	-32.99	11.11	Peak

Middle Channel

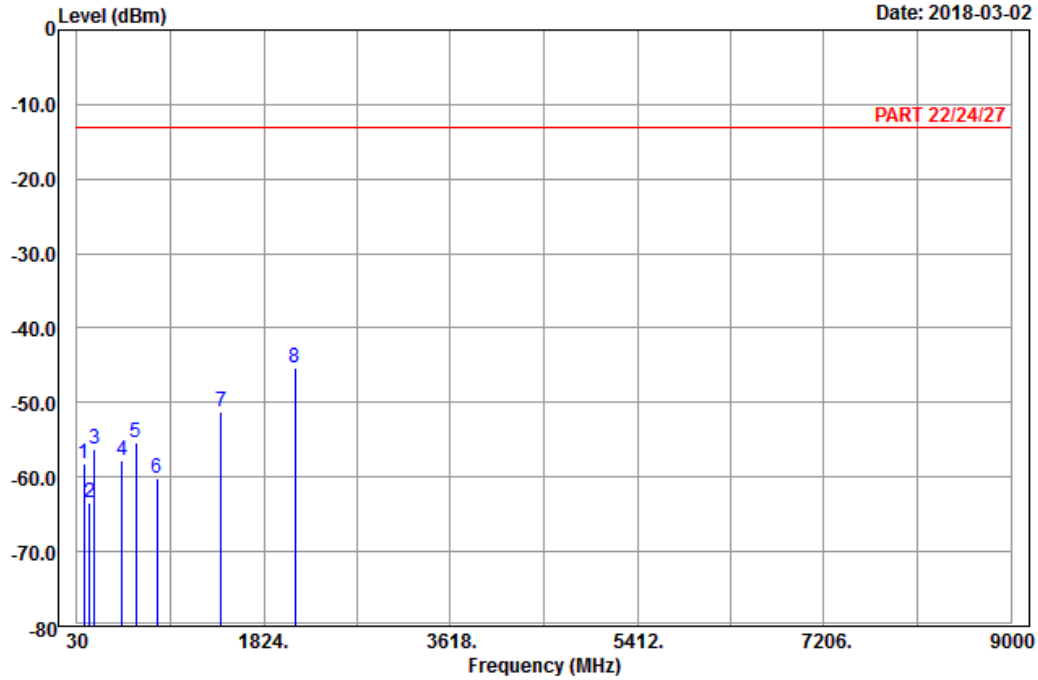


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-03-02



Site : 966 chamber 1
 Condition: PART 22/24/27 Horizontal
 Remark : LTE_Band 12_Link_CH23095
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	97.23	-58.18	-47.89	-13.00	-45.18	-10.29	Peak
2	152.31	-63.38	-55.49	-13.00	-50.38	-7.89	Peak
3	200.37	-56.14	-49.97	-13.00	-43.14	-6.17	Peak
4	461.00	-57.74	-53.59	-13.00	-44.74	-4.15	Peak
5	596.80	-55.37	-55.64	-13.00	-42.37	0.27	Peak
6	798.40	-60.21	-62.09	-13.00	-47.21	1.88	Peak
7	1415.00	-51.20	-57.56	-13.00	-38.20	6.36	Peak
8 pp	2122.50	-45.32	-56.43	-13.00	-32.32	11.11	Peak

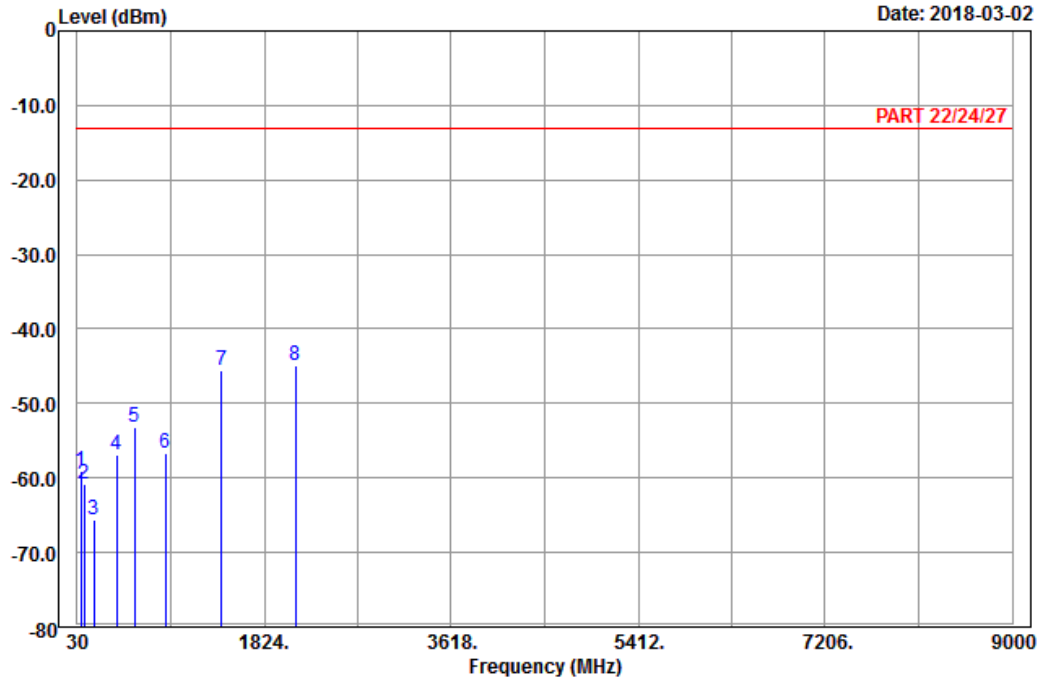


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-03-02



Site : 966 chamber 1
 Condition: PART 22/24/27 Vertical
 Remark : LTE_Band 12_Link_CH23095
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	65.10	-59.01	-45.63	-13.00	-46.01	-13.38	Peak
2	96.15	-60.81	-50.47	-13.00	-47.81	-10.34	Peak
3	192.54	-65.55	-59.68	-13.00	-52.55	-5.87	Peak
4	410.60	-56.82	-53.85	-13.00	-43.82	-2.97	Peak
5	577.90	-53.28	-52.78	-13.00	-40.28	-0.50	Peak
6	874.70	-56.70	-58.87	-13.00	-43.70	2.17	Peak
7	1415.00	-45.57	-51.93	-13.00	-32.57	6.36	Peak
8 pp	2122.50	-44.97	-56.08	-13.00	-31.97	11.11	Peak

High Channel

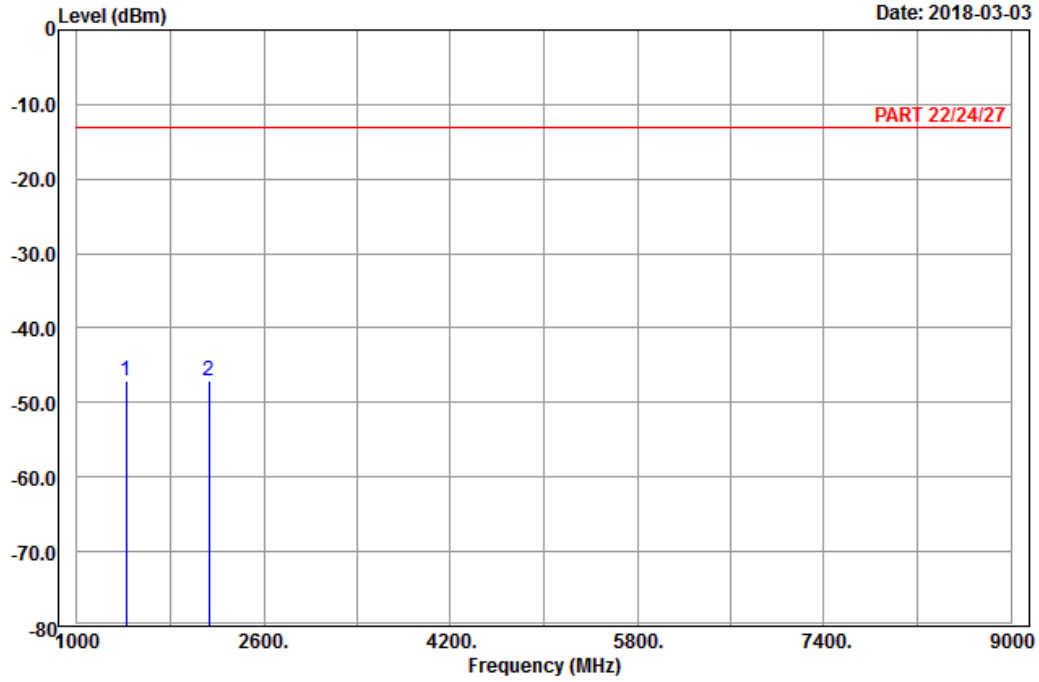


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5

Date: 2018-03-03



Site : 966 chamber 1
 Condition: PART 22/24/27 Horizontal
 Remark : LTE_Band 12_Link_CH23130
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1422.00	-46.98	-53.34	-13.00	-33.98	6.36	Peak
2	2133.00	-47.10	-58.38	-13.00	-34.10	11.28	Peak

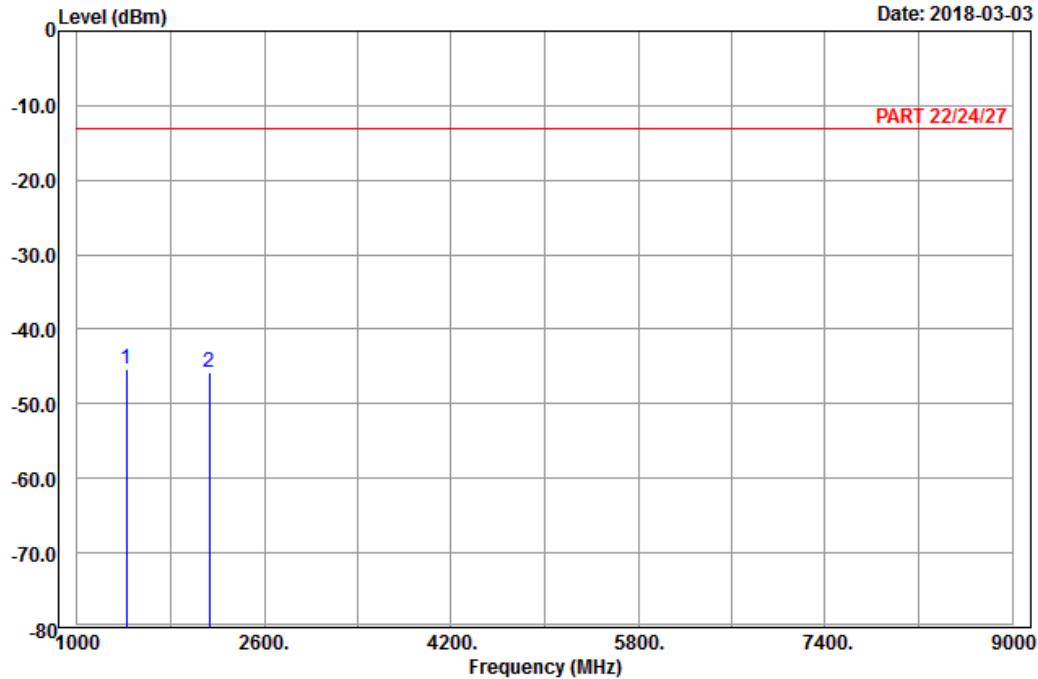


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-03-03



Site : 966 chamber 1
 Condition: PART 22/24/27 Vertical
 Remark : LTE_Band 12_Link_CH23130
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1422.00	-45.36	-51.72	-13.00	-32.36	6.36	Peak
2	2133.00	-45.88	-57.16	-13.00	-32.88	11.28	Peak

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

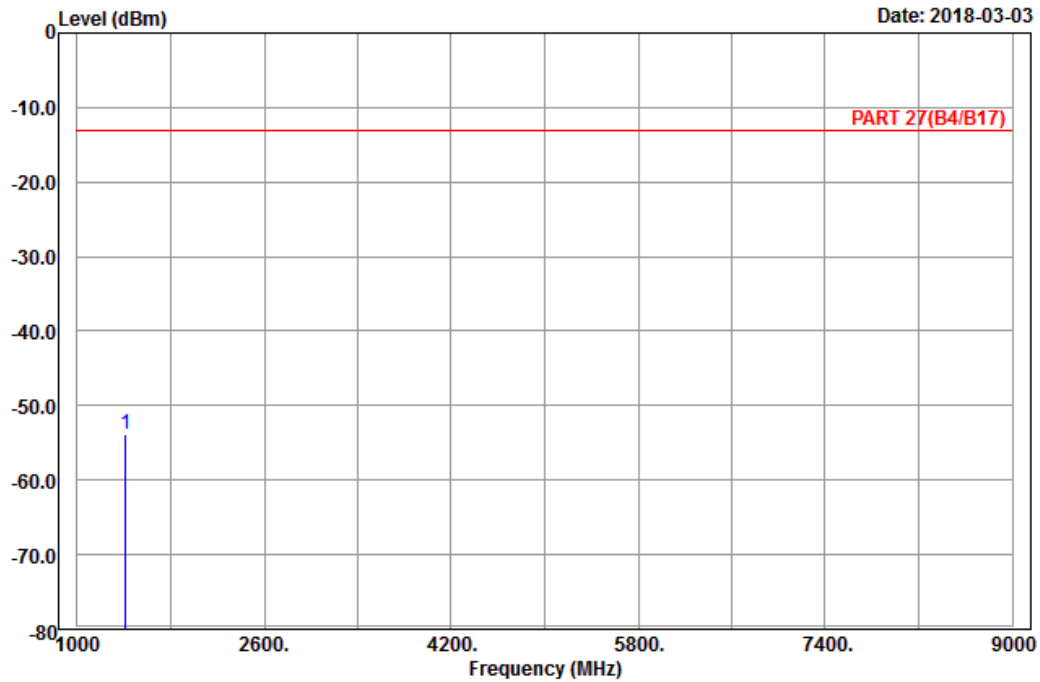


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5

Date: 2018-03-03



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : LTE_Band 17_Link_CH23755
 Tested by: Karl Lee

	Read	Limit	Over			
Freq	Level	Level	Line	Limit	Factor	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp 1413.00	-53.86	-60.22	-13.00	-40.86	6.36	Peak

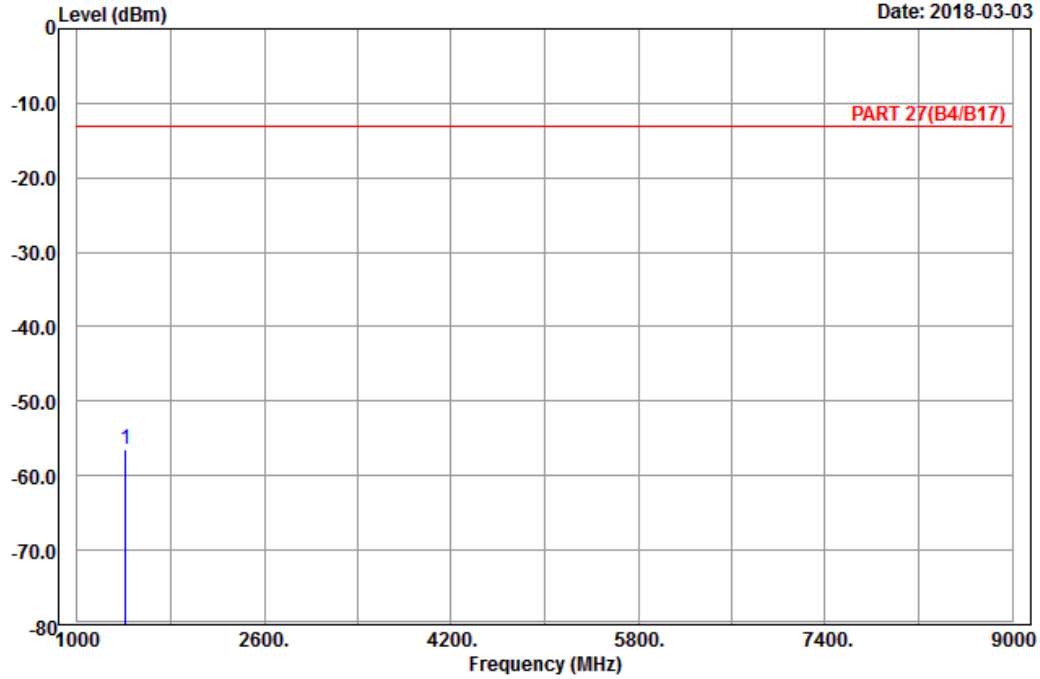


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-03-03



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 17_Link_CH23755
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	pp 1413.00	-56.46	-62.82	-13.00	-43.46	6.36	Peak

Middle Channel

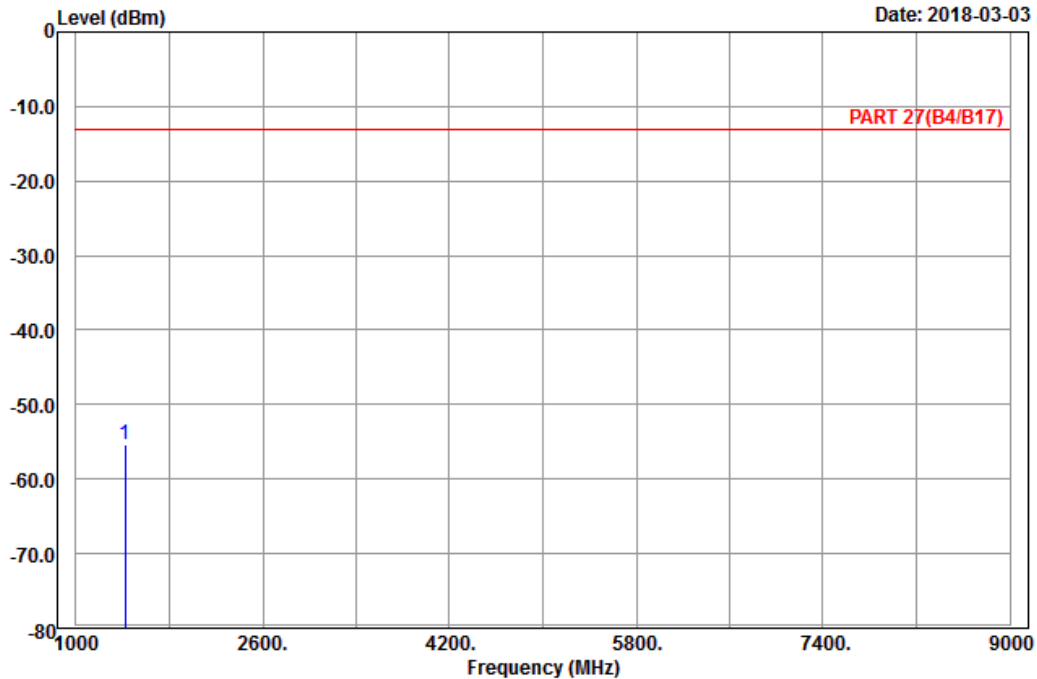


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5

Date: 2018-03-03



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : LTE_Band 17_Link_CH23790
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	pp 1420.00	-55.38	-61.74	-13.00	-42.38	6.36	Peak

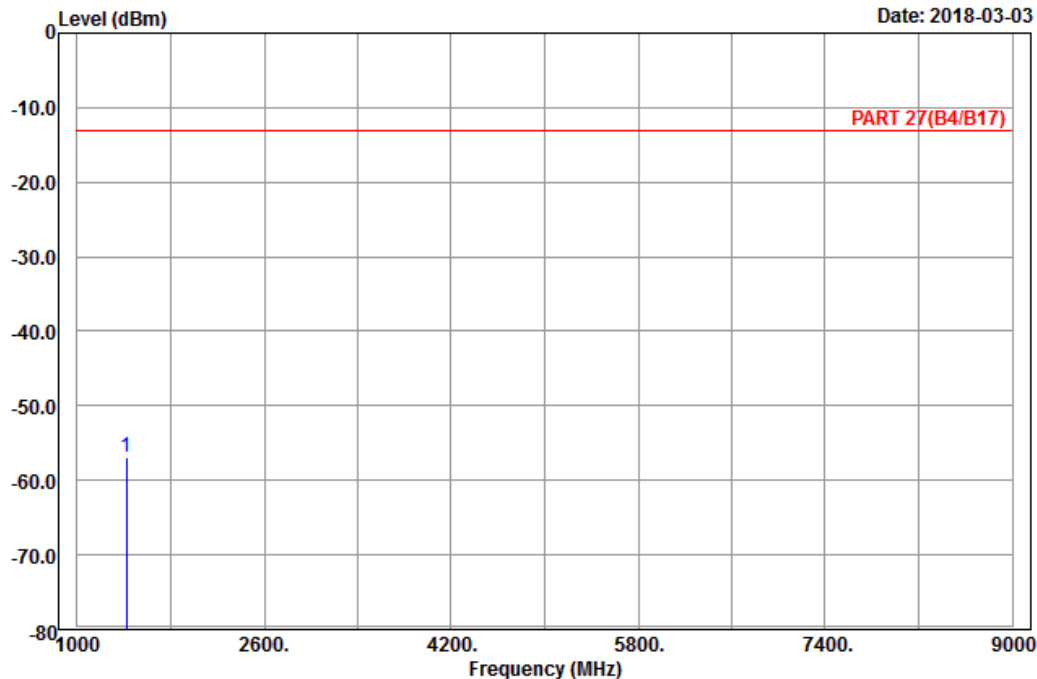


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-03-03



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 17_Link_CH23790
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	pp 1420.00	-56.96	-63.32	-13.00	-43.96	6.36	Peak

High Channel

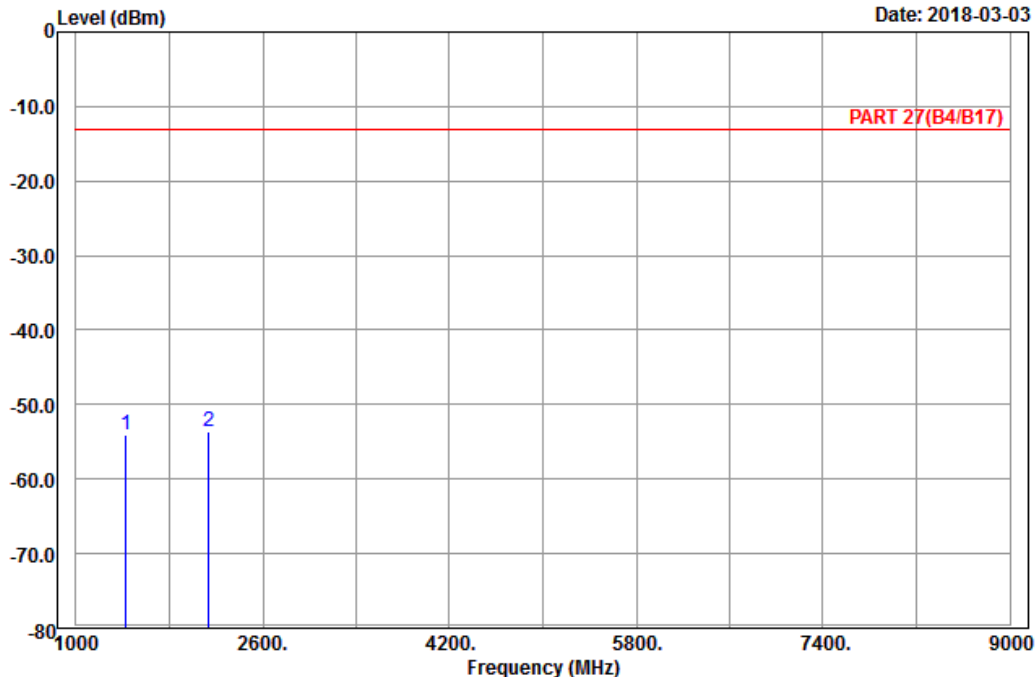


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5

Date: 2018-03-03



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : LTE_Band 17_Link_CH23825
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1427.00	-53.98	-60.22	-13.00	-40.98	6.24	Peak
2	2140.50	-53.56	-64.84	-13.00	-40.56	11.28	Peak

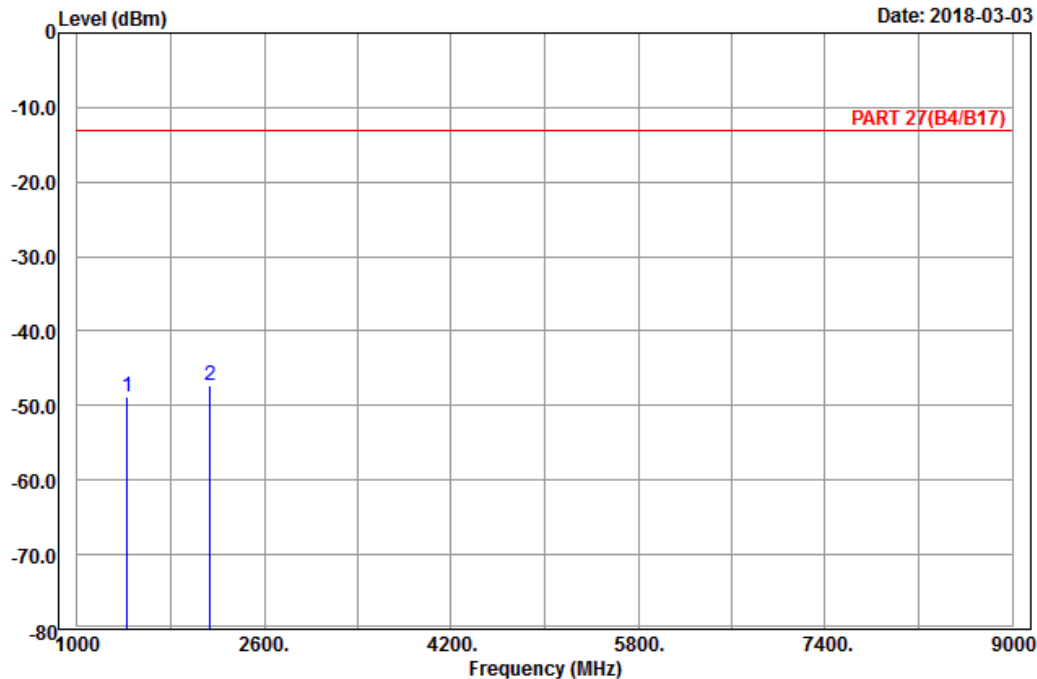


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-03-03



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 17_Link_CH23825
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1427.00	-48.81	-55.05	-13.00	-35.81	6.24	Peak
2 pp	2140.50	-47.39	-58.67	-13.00	-34.39	11.28	Peak

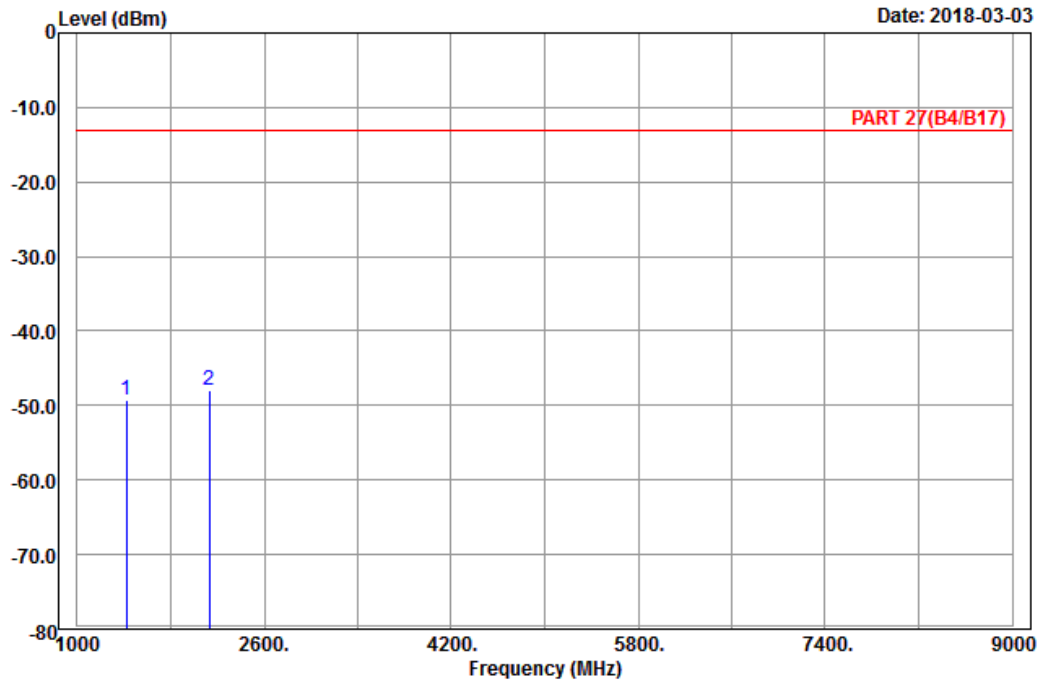
Channel Bandwidth: 10 MHz / QPSK
Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 chamber 1
Condition: PART 27(B4/B17) Horizontal
Remark : LTE_Band 17_Link_CH23780
Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1418.00	-49.28	-55.64	-13.00	-36.28	6.36	Peak
2 pp	2127.00	-47.88	-59.16	-13.00	-34.88	11.28	Peak

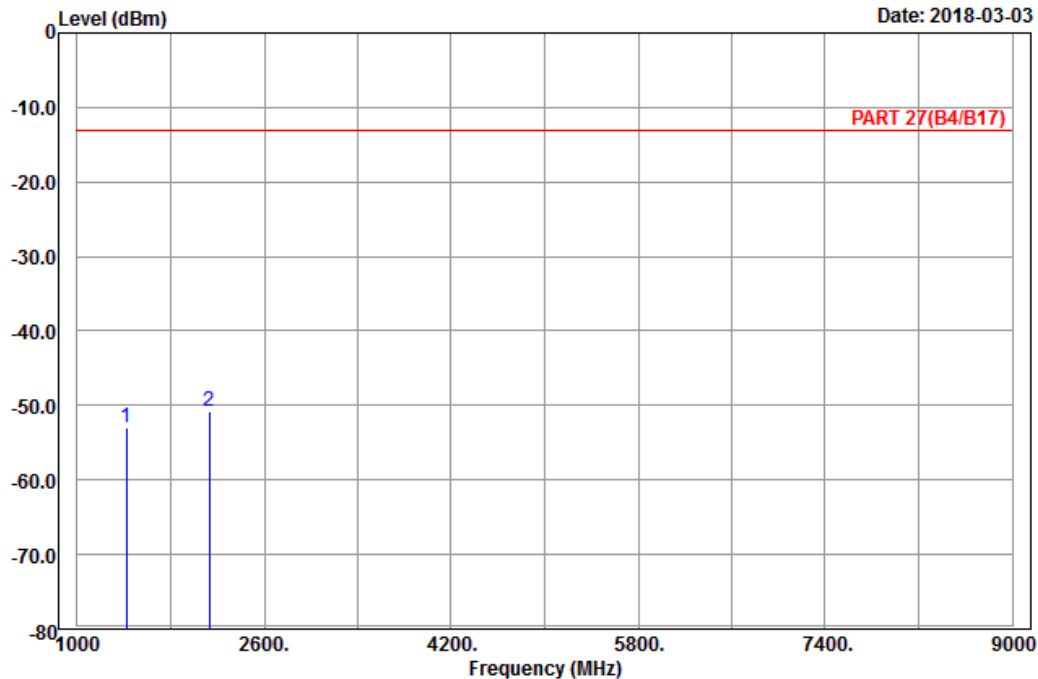


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-03-03



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 17_Link_CH23780
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1418.00	-52.91	-59.27	-13.00	-39.91	6.36	Peak
2 pp	2127.00	-50.81	-62.09	-13.00	-37.81	11.28	Peak

Middle Channel

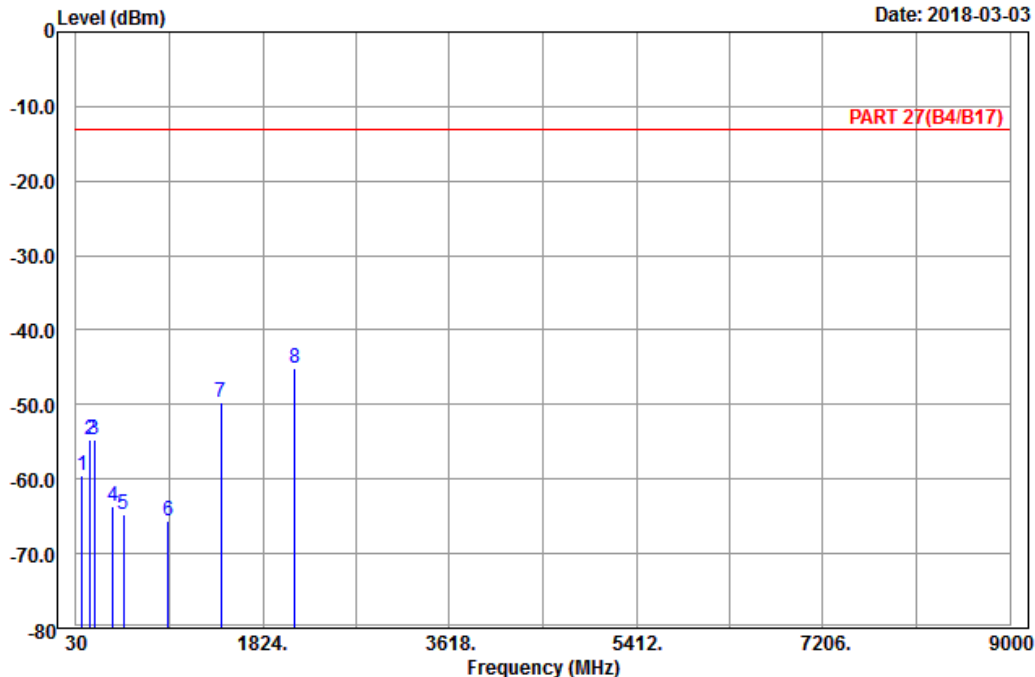


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-03-03



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : LTE_Band 17_Link_CH23790
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	90.75	-59.41	-48.79	-13.00	-46.41	-10.62	Peak
2	167.97	-54.79	-47.89	-13.00	-41.79	-6.90	Peak
3	207.93	-54.73	-48.65	-13.00	-41.73	-6.08	Peak
4	385.40	-63.73	-60.21	-13.00	-50.73	-3.52	Peak
5	483.40	-64.82	-60.03	-13.00	-51.82	-4.79	Peak
6	918.10	-65.63	-69.34	-13.00	-52.63	3.71	Peak
7	1420.00	-49.72	-56.08	-13.00	-36.72	6.36	Peak
8 pp	2130.00	-45.21	-56.49	-13.00	-32.21	11.28	Peak

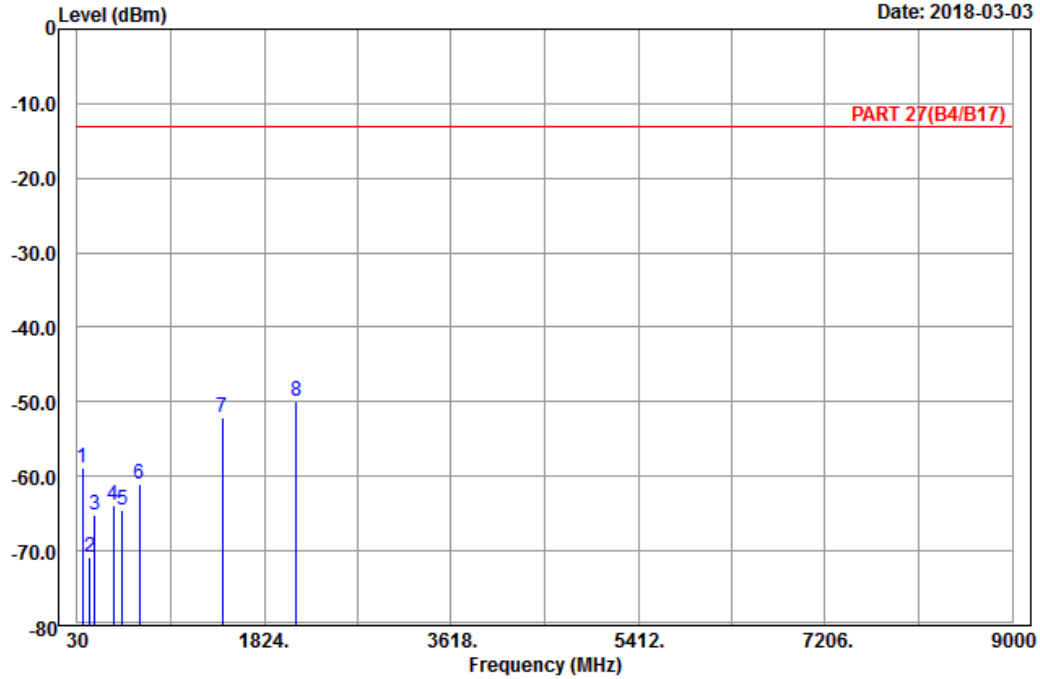


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-03-03



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 17_Link_CH23790
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	80.49	-58.82	-47.05	-13.00	-45.82	-11.77	Peak
2	152.85	-70.89	-63.03	-13.00	-57.89	-7.86	Peak
3	199.29	-65.12	-58.94	-13.00	-52.12	-6.18	Peak
4	379.80	-63.87	-60.10	-13.00	-50.87	-3.77	Peak
5	462.40	-64.49	-60.28	-13.00	-51.49	-4.21	Peak
6	628.30	-61.06	-61.17	-13.00	-48.06	0.11	Peak
7	1420.00	-52.18	-58.54	-13.00	-39.18	6.36	Peak
8 pp	2130.00	-49.81	-61.09	-13.00	-36.81	11.28	Peak

High Channel

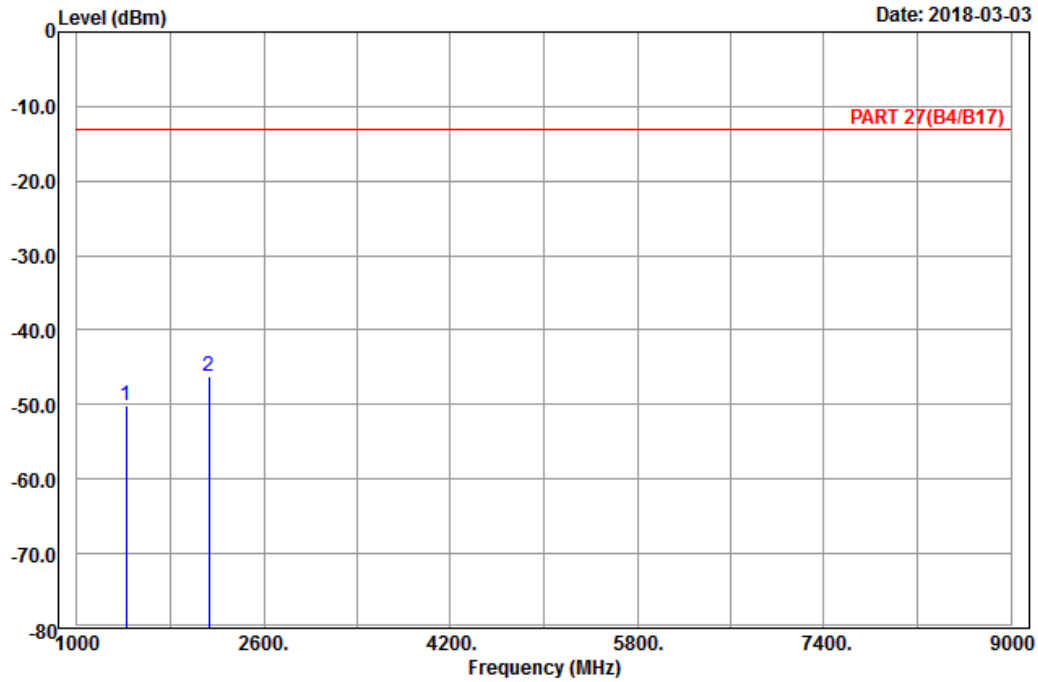


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5

Date: 2018-03-03



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : LTE_Band 17_Link_CH23800
 Tested by: Karl Lee

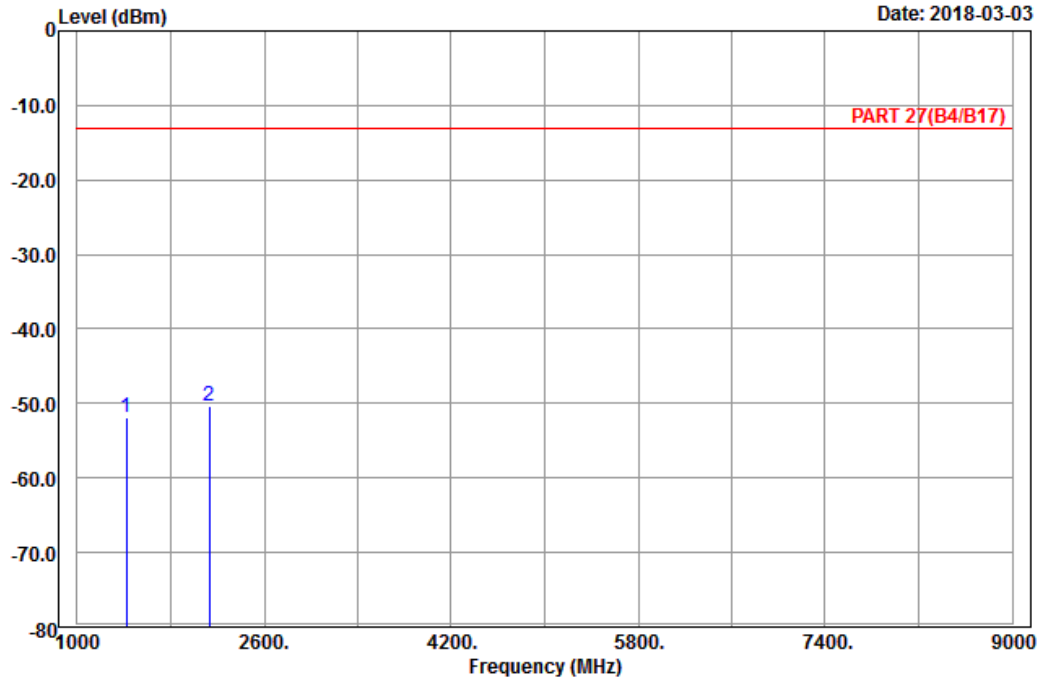
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1422.00	-50.16	-56.52	-13.00	-37.16	6.36	Peak
2	2133.00	-46.32	-57.60	-13.00	-33.32	11.28	Peak



A D T

Data: 6

Date: 2018-03-03



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 17_Link_CH23800
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1422.00	-51.81	-58.17	-13.00	-38.81	6.36	Peak
2 pp	2133.00	-50.28	-61.56	-13.00	-37.28	11.28	Peak

<Mode B>
WCDMA:
Low Channel

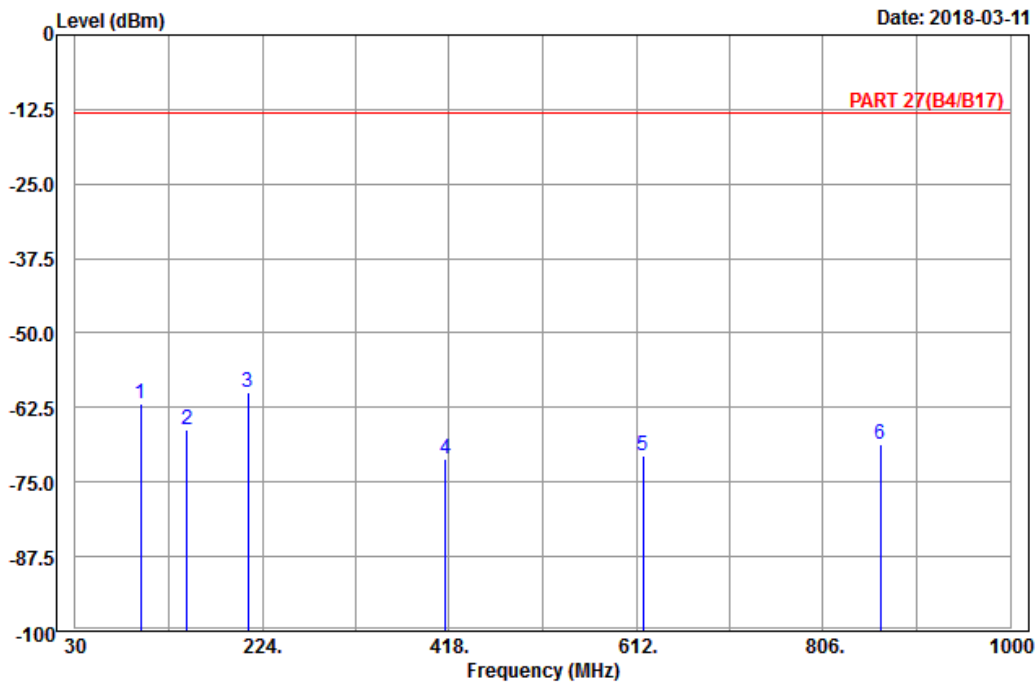


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5

Date: 2018-03-11



Site : 966 chamber 1
Condition: PART 27(B4/B17) Horizontal
Remark : WCDMA_Band IV
Tested by: Karl Lee

	Read	Limit	Over				
Freq	Level	Level	Line	Limit	Factor	Remark	
MHz	dBm	dBm	dBm	dB	dB		
1	97.50	-61.93	-51.70	-13.00	-48.93	-10.23	Peak
2	145.83	-66.10	-58.27	-13.00	-53.10	-7.83	Peak
3 pp	209.01	-59.84	-53.79	-13.00	-46.84	-6.05	Peak
4	414.10	-71.08	-68.02	-13.00	-58.08	-3.06	Peak
5	619.20	-70.44	-70.66	-13.00	-57.44	0.22	Peak
6	865.60	-68.80	-70.69	-13.00	-55.80	1.89	Peak

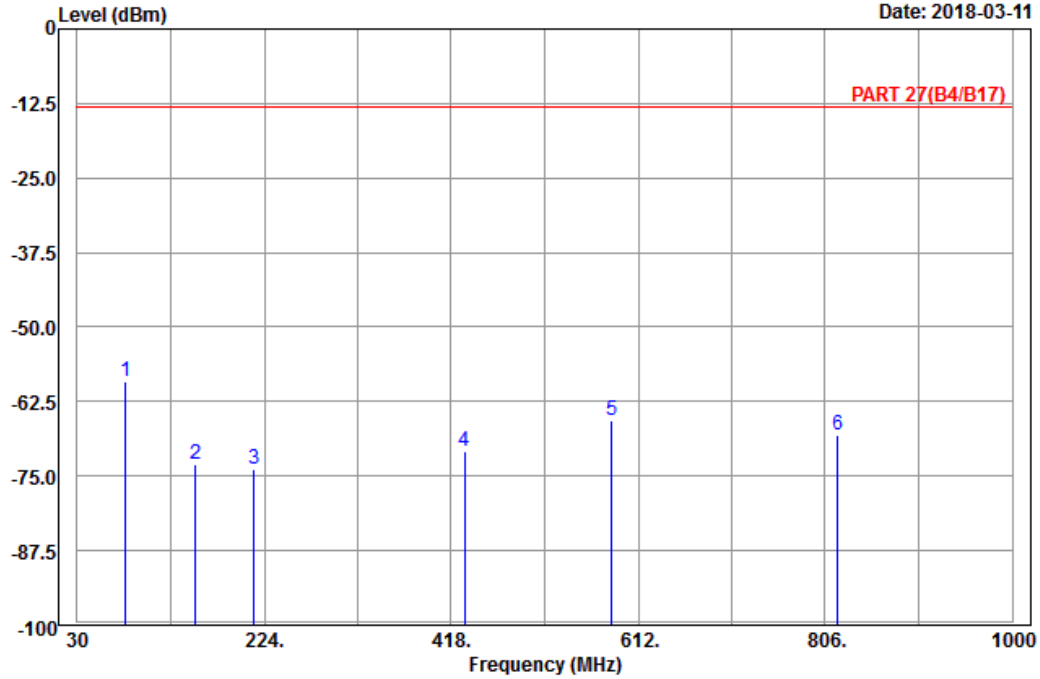


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-03-11



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : WCDMA_Band IV
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	79.95	-59.15	-47.30	-13.00	-46.15	-11.85	Peak
2	152.85	-73.11	-65.25	-13.00	-60.11	-7.86	Peak
3	213.87	-73.91	-67.92	-13.00	-60.91	-5.99	Peak
4	432.30	-70.89	-67.43	-13.00	-57.89	-3.46	Peak
5	584.20	-65.59	-65.33	-13.00	-52.59	-0.26	Peak
6	818.70	-68.25	-70.05	-13.00	-55.25	1.80	Peak

LTE Band 4
 Channel Bandwidth: 20 MHz / QPSK
 High Channel

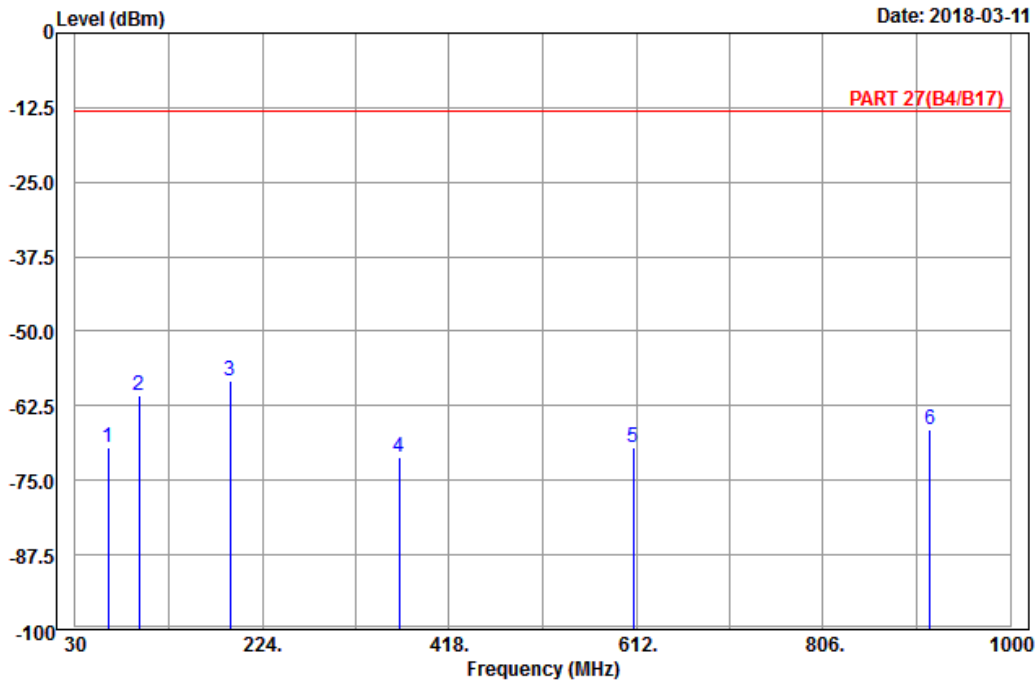


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5

Date: 2018-03-11



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Horizontal
 Remark : LTE_Band 4_Link_CH20175
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	64.29	-69.49	-55.98	-13.00	-56.49	-13.51	Peak
2	96.42	-60.72	-50.38	-13.00	-47.72	-10.34	Peak
3 pp	190.38	-58.18	-52.45	-13.00	-45.18	-5.73	Peak
4	365.80	-71.02	-66.47	-13.00	-58.02	-4.55	Peak
5	609.40	-69.45	-69.78	-13.00	-56.45	0.33	Peak
6	916.70	-66.62	-70.25	-13.00	-53.62	3.63	Peak

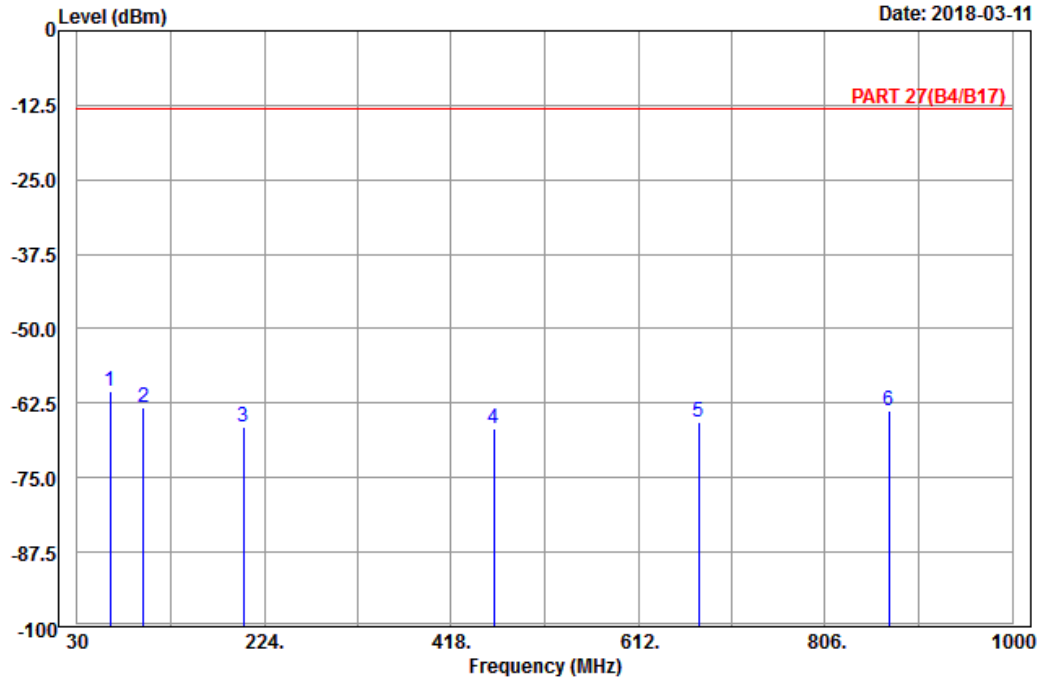


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-03-11



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 4_Link_CH20175
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	63.75	-60.62	-47.11	-13.00	-47.62	-13.51	Peak
2	98.58	-63.31	-53.13	-13.00	-50.31	-10.18	Peak
3	202.53	-66.47	-60.33	-13.00	-53.47	-6.14	Peak
4	462.40	-66.66	-62.45	-13.00	-53.66	-4.21	Peak
5	674.50	-65.74	-65.49	-13.00	-52.74	-0.25	Peak
6	872.60	-63.80	-65.91	-13.00	-50.80	2.11	Peak

LTE Band 12
 Channel Bandwidth: 10 MHz / QPSK
 Middle Channel

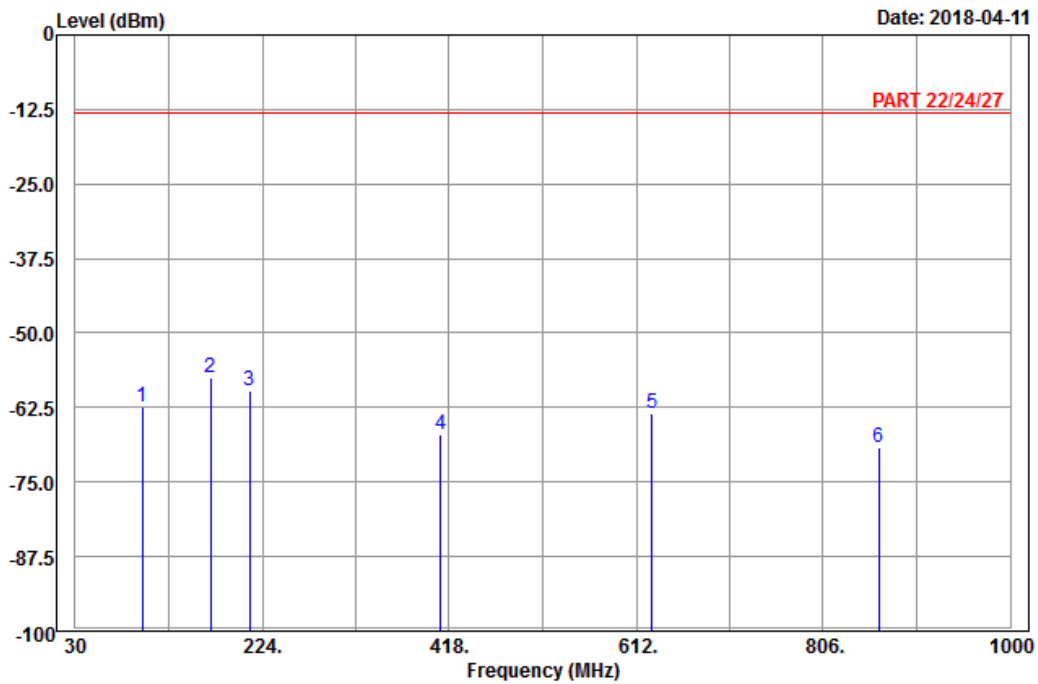


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5

Date: 2018-04-11



Site : 966 chamber 1
 Condition: PART 22/24/27 Horizontal
 Remark : LTE_Band 12_Link_CH23095
 Tested by: Karl Lee

	Read	Limit	Over				
Freq	Level	Level	Line	Limit	Factor	Remark	
MHz	dBm	dBm	dBm	dB	dB		
1	99.39	-62.51	-52.39	-13.00	-49.51	-10.12	Peak
2 pp	170.13	-57.41	-50.70	-13.00	-44.41	-6.71	Peak
3	211.17	-59.79	-53.76	-13.00	-46.79	-6.03	Peak
4	409.20	-67.15	-64.20	-13.00	-54.15	-2.95	Peak
5	628.30	-63.52	-63.63	-13.00	-50.52	0.11	Peak
6	864.20	-69.28	-71.14	-13.00	-56.28	1.86	Peak

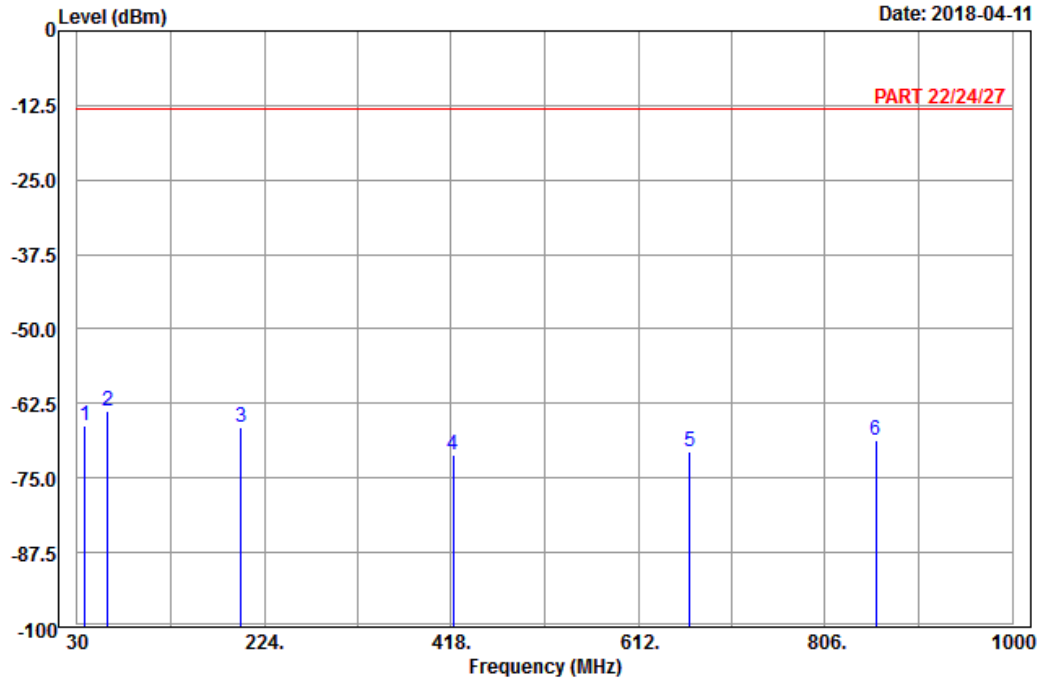


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-04-11



Site : 966 chamber 1
 Condition: PART 22/24/27 Vertical
 Remark : LTE_Band 12_Link_CH23095
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	37.83	-66.12	-56.15	-13.00	-53.12	-9.97	Peak
2	pp 61.32	-63.77	-49.84	-13.00	-50.77	-13.93	Peak
3	200.37	-66.43	-60.26	-13.00	-53.43	-6.17	Peak
4	419.70	-71.06	-67.87	-13.00	-58.06	-3.19	Peak
5	665.40	-70.44	-70.23	-13.00	-57.44	-0.21	Peak
6	858.60	-68.58	-70.28	-13.00	-55.58	1.70	Peak

LTE Band 17
Channel Bandwidth: 10 MHz / QPSK
Middle Channel

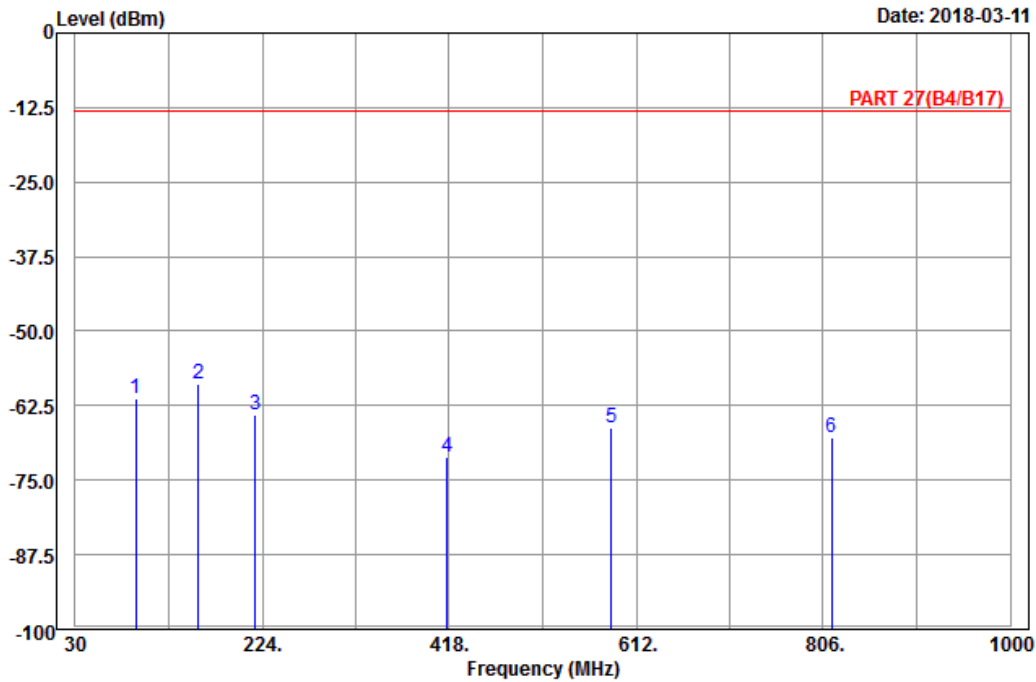


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5

Date: 2018-03-11



Site : 966 chamber 1
Condition: PART 27(B4/B17) Horizontal
Remark : LTE_Band 17_Link_CH23790
Tested by: Karl Lee

	Read	Limit	Over				
Freq	Level	Level	Line	Limit	Factor	Remark	
MHz	dBm	dBm	dBm	dB	dB		
1	93.18	-61.37	-50.86	-13.00	-48.37	-10.51	Peak
2 pp	157.44	-58.84	-51.09	-13.00	-45.84	-7.75	Peak
3	216.57	-64.04	-58.08	-13.00	-51.04	-5.96	Peak
4	415.50	-70.98	-67.90	-13.00	-57.98	-3.08	Peak
5	586.30	-66.30	-66.16	-13.00	-53.30	-0.14	Peak
6	814.50	-67.74	-69.59	-13.00	-54.74	1.85	Peak

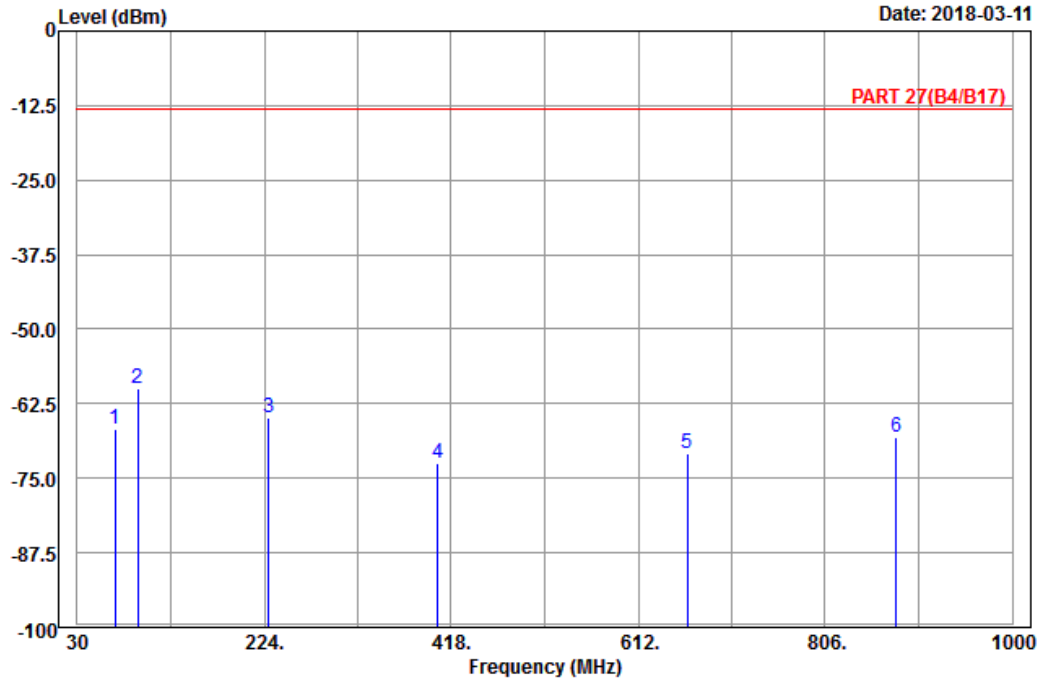


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-03-11



Site : 966 chamber 1
 Condition: PART 27(B4/B17) Vertical
 Remark : LTE_Band 17_Link_CH23790
 Tested by: Karl Lee

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	69.15	-66.76	-53.94	-13.00	-53.76	-12.82	Peak
2	pp 92.64	-59.96	-49.45	-13.00	-46.96	-10.51	Peak
3	228.99	-64.92	-59.13	-13.00	-51.92	-5.79	Peak
4	404.30	-72.51	-69.66	-13.00	-59.51	-2.85	Peak
5	663.30	-70.83	-70.63	-13.00	-57.83	-0.20	Peak
6	879.60	-68.23	-70.54	-13.00	-55.23	2.31	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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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

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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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