

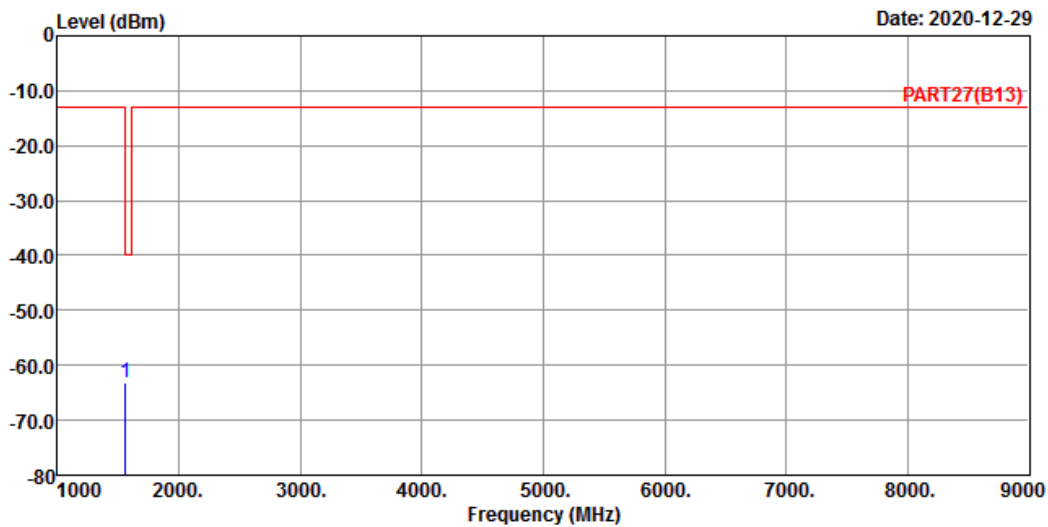
LTE Band 13
 Channel Bandwidth: 5 MHz / QPSK
 Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 Chamber 5
 Condition: PART27(B13) HORIZONTAL
 Remak : LTE Band 13 QPSK_5M Link_L-CH
 Tested by: Tim Chen

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

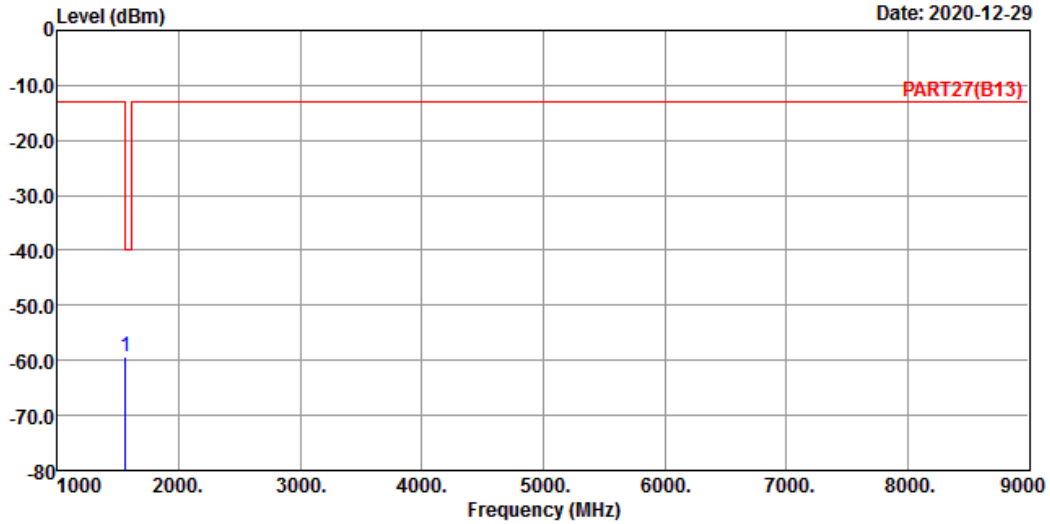
1 pp 1559.00 -63.27 -49.95 -40.00 -13.32 -23.27 Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4



Site : 966 Chamber 5
 Condition: PART27(B13) VERTICAL
 Remak : LTE Band 13 QPSK_5M Link_L-CH
 Tested by: Tim Chen

	Read	Limit	Over			
Freq	Level	Level	Line	Factor	Limit	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp 1559.00	-59.40	-46.08	-40.00	-13.32	-19.40	Peak

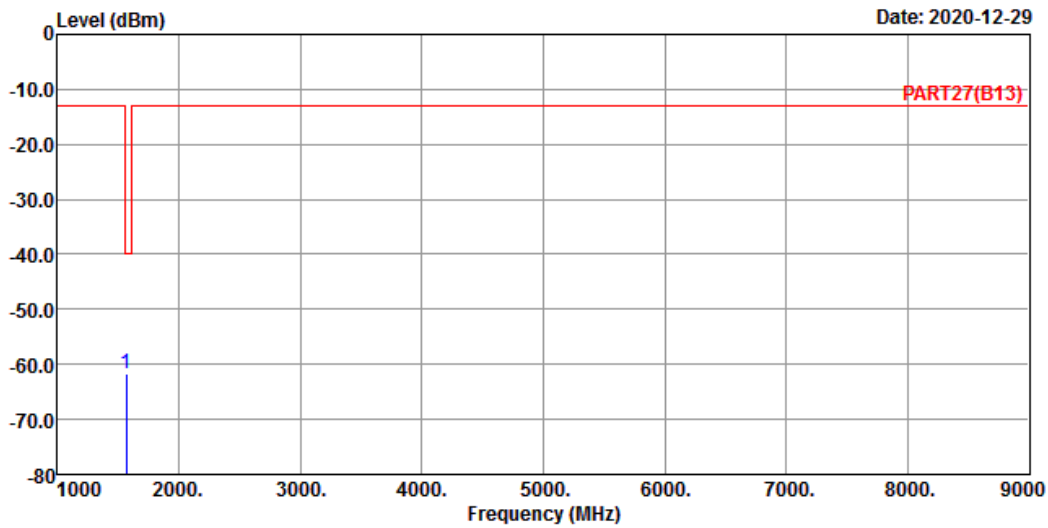
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 Chamber 5
 Condition: PART27(B13) HORIZONTAL
 Remak : LTE Band 13 QPSK_5M Link_M-CH
 Tested by: Tim Chen

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

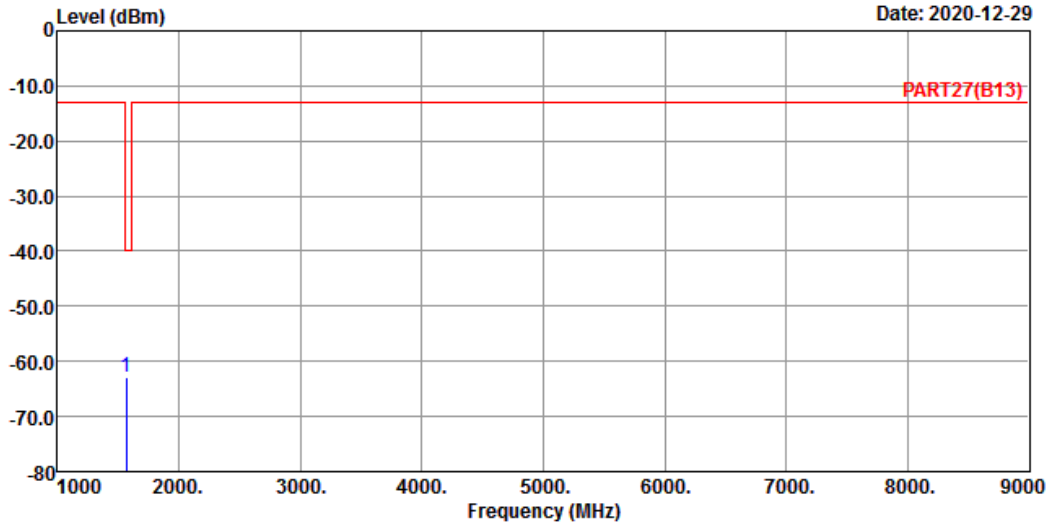
1 pp 1564.00 -61.58 -48.24 -40.00 -13.34 -21.58 Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4



Site : 966 Chamber 5
 Condition: PART27(B13) VERTICAL
 Remark : LTE Band 13 QPSK_5M Link_M-CH
 Tested by: Tim Chen

	Read	Limit	Over	
Freq	Level	Level	Line Factor	Limit Remark
MHz	dBm	dBm	dB	dB
1 pp 1564.00	-62.82	-49.48	-40.00	-13.34 -22.82 Peak

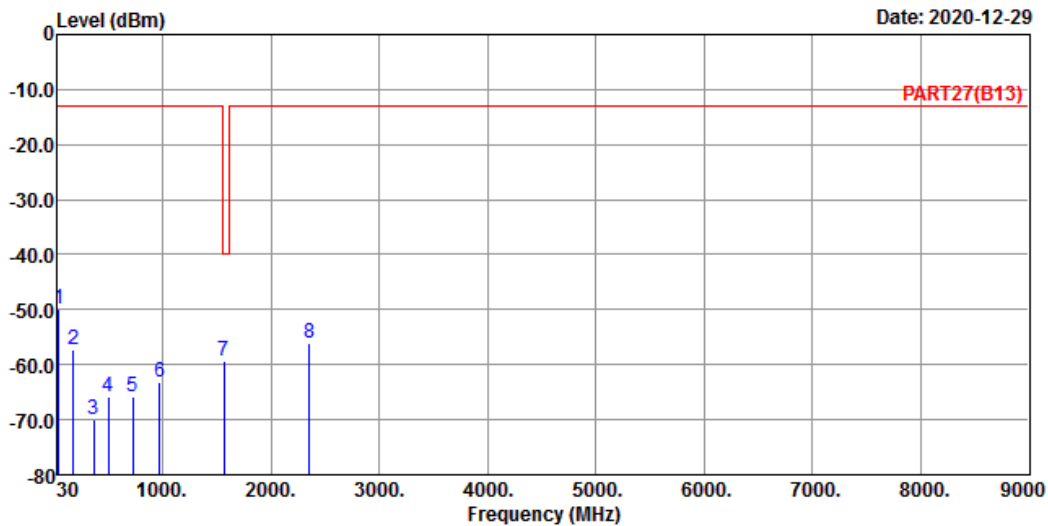
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 Chamber 5
 Condition: PART27(B13) HORIZONTAL
 Remak : LTE Band 13 QPSK_5M Link_H-CH
 Tested by: Tim Chen

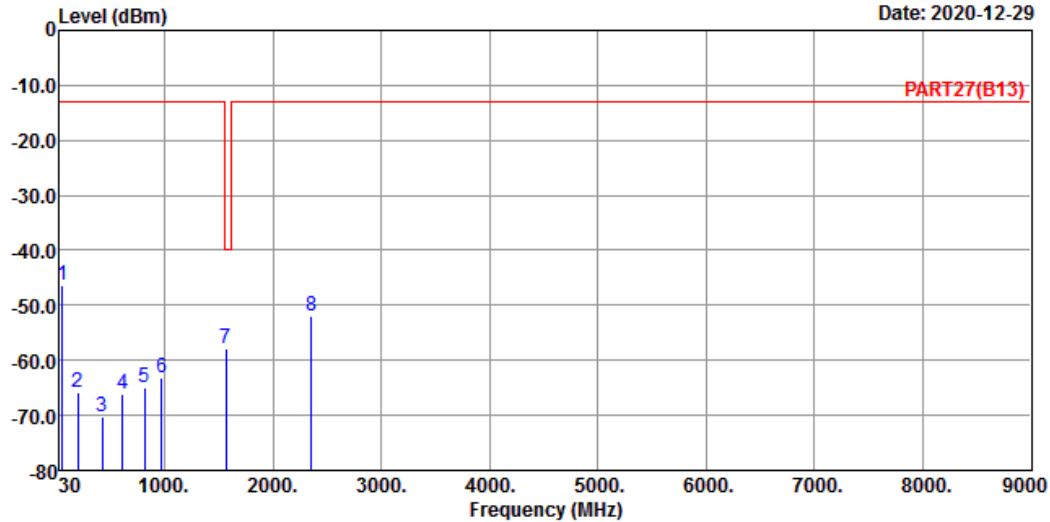
	Freq	Level	Read Level	Limit Line	Over Factor	Over Limit	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	42.61	-49.95	-49.01	-13.00	-0.94	-36.95	Peak
2	178.41	-57.33	-50.27	-13.00	-7.06	-44.33	Peak
3	364.65	-70.04	-63.89	-13.00	-6.15	-57.04	Peak
4	495.60	-65.76	-61.06	-13.00	-4.70	-52.76	Peak
5	721.61	-65.86	-66.18	-13.00	0.32	-52.86	Peak
6	969.93	-63.11	-65.63	-13.00	2.52	-50.11	Peak
7 pp	1569.00	-59.27	-45.92	-40.00	-13.35	-19.27	Peak
8	2353.50	-56.15	-46.64	-13.00	-9.51	-43.15	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6



Site : 966 Chamber 5
 Condition: PART27(B13) VERTICAL
 Remak : LTE Band 13 QPSK_5M Link_H-CH
 Tested by: Tim Chen

	Freq	Level	Read Level	Limit Line	Factor	Over Limit	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	58.13	-46.37	-39.24	-13.00	-7.13	-33.37	Peak
2	199.75	-65.69	-57.67	-13.00	-8.02	-52.69	Peak
3	426.73	-70.31	-64.58	-13.00	-5.73	-57.31	Peak
4	612.00	-66.21	-65.43	-13.00	-0.78	-53.21	Peak
5	814.73	-64.90	-65.50	-13.00	0.60	-51.90	Peak
6	971.87	-63.11	-65.70	-13.00	2.59	-50.11	Peak
7 pp	1569.00	-57.76	-44.41	-40.00	-13.35	-17.76	Peak
8	2353.50	-51.85	-42.34	-13.00	-9.51	-38.85	Peak

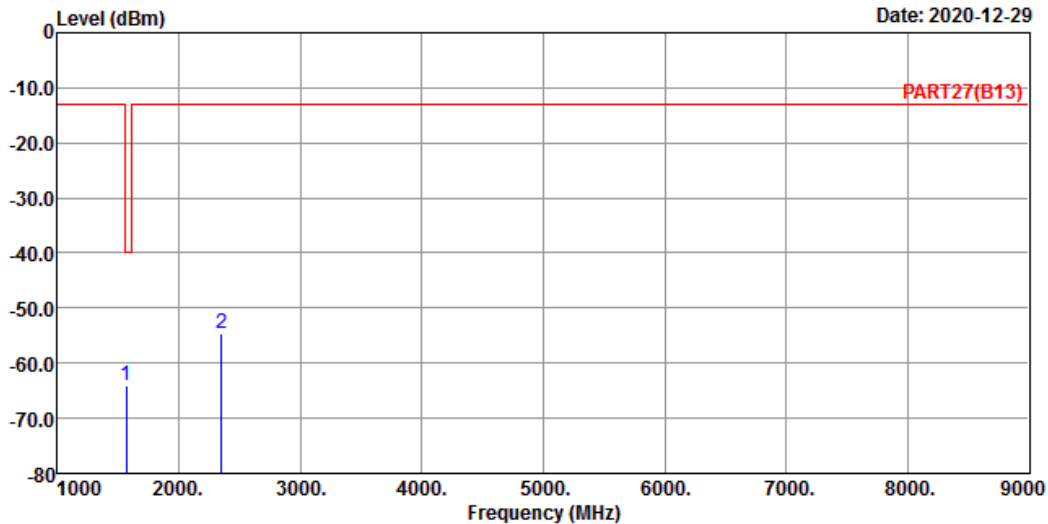
Channel Bandwidth: 10 MHz / QPSK
 Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 Chamber 5
 Condition: PART27(B13) HORIZONTAL
 Remak : LTE Band 13 QPSK_10M Link_M-CH
 Tested by: Tim Chen

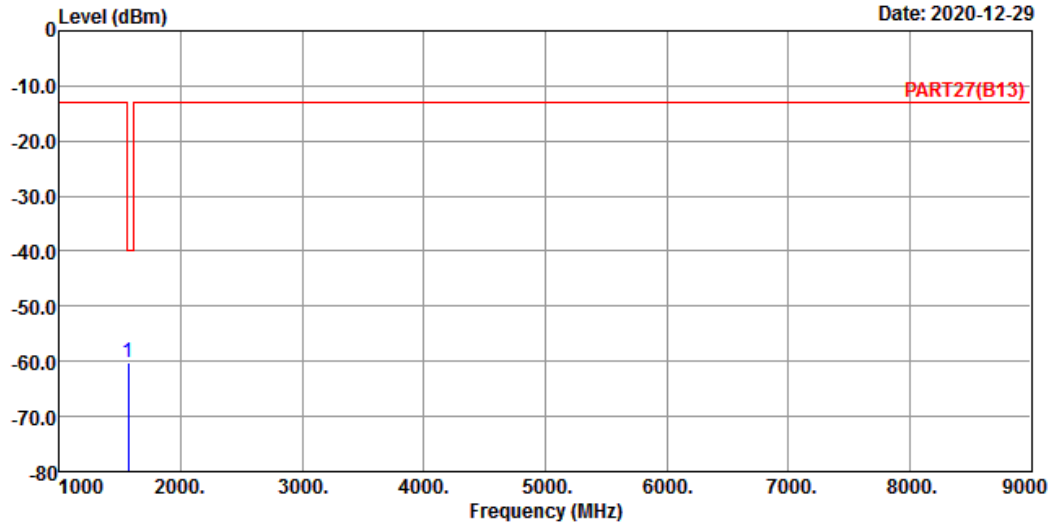
	Freq	Level	Read Level	Limit Line	Factor	Over Limit	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	1564.00	-64.16	-50.82	-40.00	-13.34	-24.16	Peak
2	2346.00	-54.62	-45.18	-13.00	-9.44	-41.62	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4



Site : 966 Chamber 5
 Condition: PART27(B13) VERTICAL
 Remak : LTE Band 13 QPSK_10M Link_M-CH
 Tested by: Tim Chen

	Read	Limit	Over			
Freq	Level	Level	Line	Factor	Limit	Remark
MHz	dBm	dBm	dBm	dB	dB	
1 pp 1564.00	-60.09	-46.75	-40.00	-13.34	-20.09	Peak

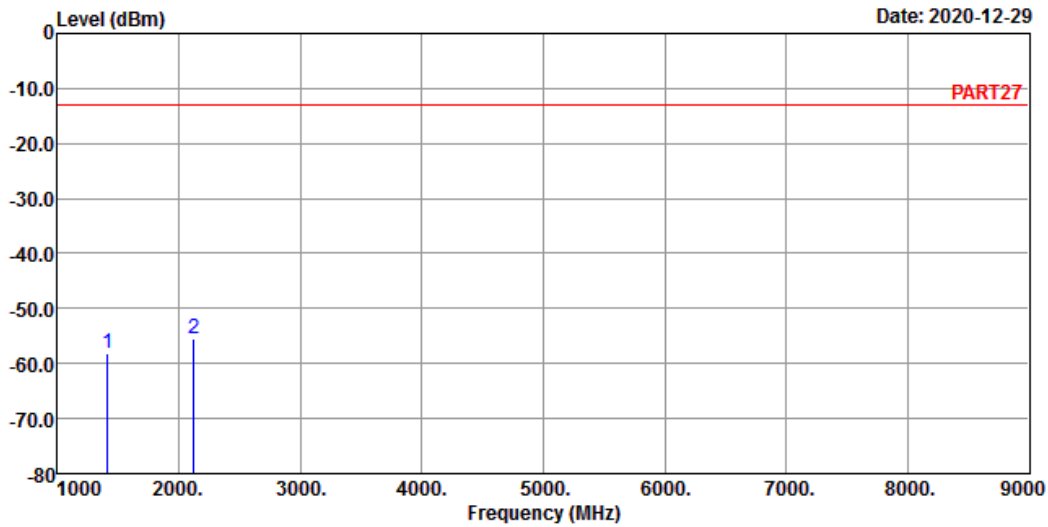
LTE Band 17
 Channel Bandwidth: 5 MHz / QPSK
 Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : LTE Band 17 QPSK_5M Link_L-CH
 Tested by: tim-chen

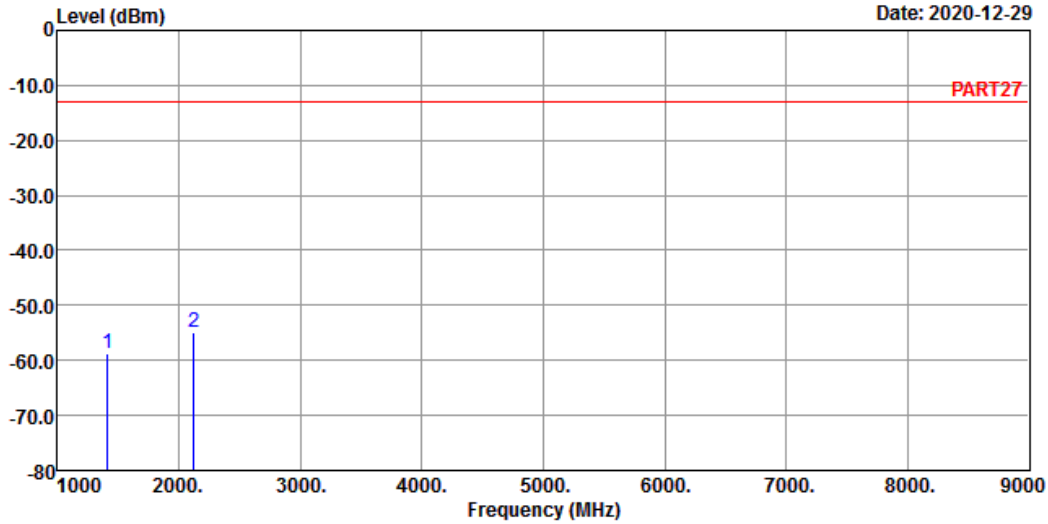
	Freq	Level	Read Level	Limit	Line Factor	Over Limit	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1413.00	-58.14	-46.12	-13.00	-12.02	-45.14	Peak
2 pp	2119.50	-55.49	-45.62	-13.00	-9.87	-42.49	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : LTE Band 17 QPSK_5M Link_L-CH
 Tested by: tim-chen

	Freq	Level	Read Level	Limit	Line Factor	Over Limit	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1413.00	-58.67	-46.65	-13.00	-12.02	-45.67	Peak
2	2119.50	-54.95	-45.08	-13.00	-9.87	-41.95	Peak

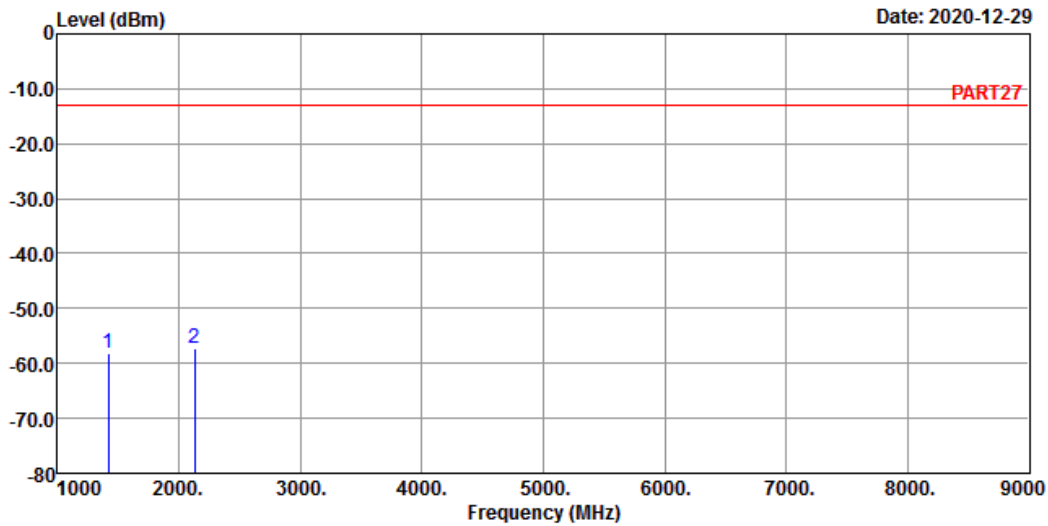
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : LTE Band 17 QPSK_5M Link_M-CH
 Tested by: tim-chen

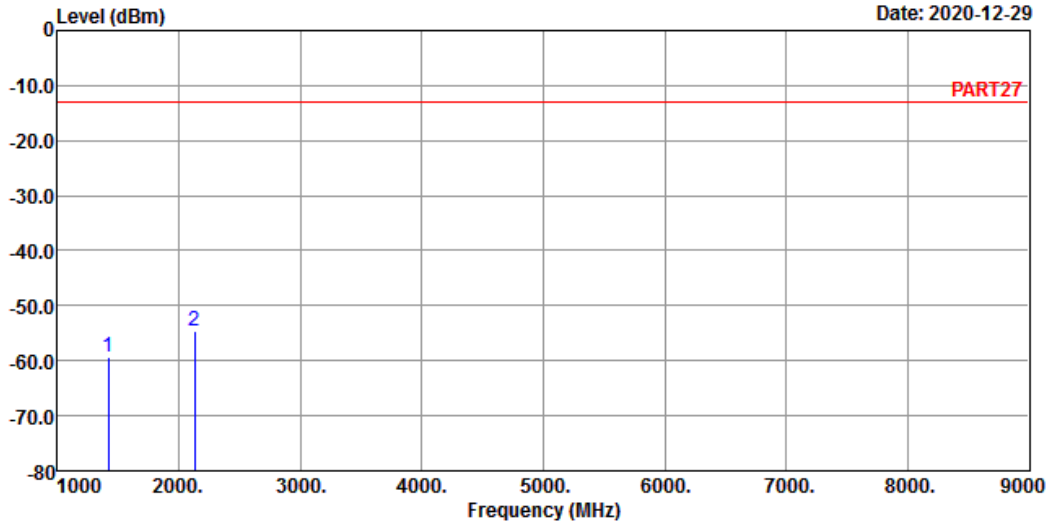
	Freq	Level	Read Level	Limit Line	Over Factor	Over Limit	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1420.00	-58.03	-45.89	-13.00	-12.14	-45.03	Peak
2 pp	2130.00	-57.22	-47.45	-13.00	-9.77	-44.22	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : LTE Band 17 QPSK_5M Link_M-CH
 Tested by: tim-chen

	Freq	Level	Read Level	Limit	Line Factor	Over Limit	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1420.00	-59.43	-47.29	-13.00	-12.14	-46.43	Peak
2	2130.00	-54.60	-44.83	-13.00	-9.77	-41.60	Peak

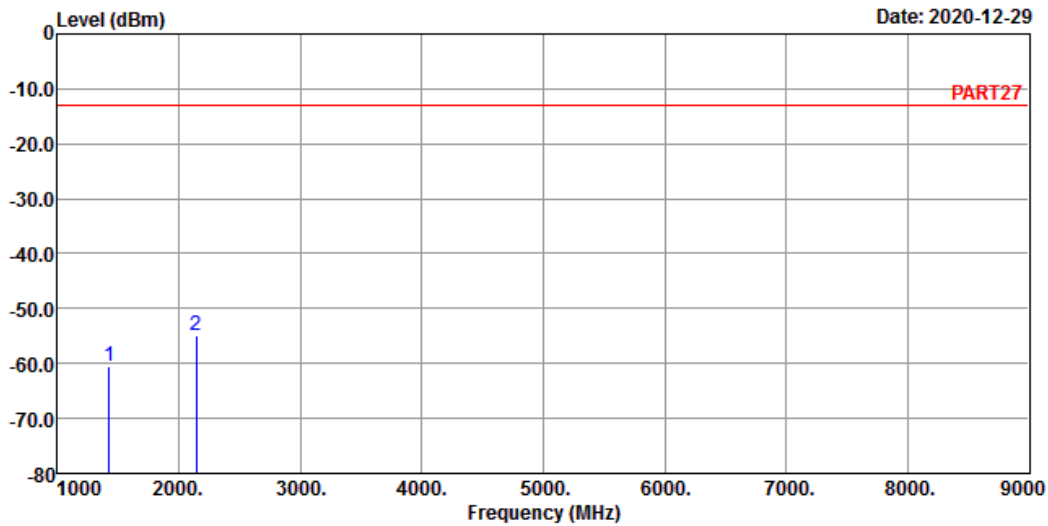
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : LTE Band 17 QPSK_5M Link_H-CH
 Tested by: tim-chen

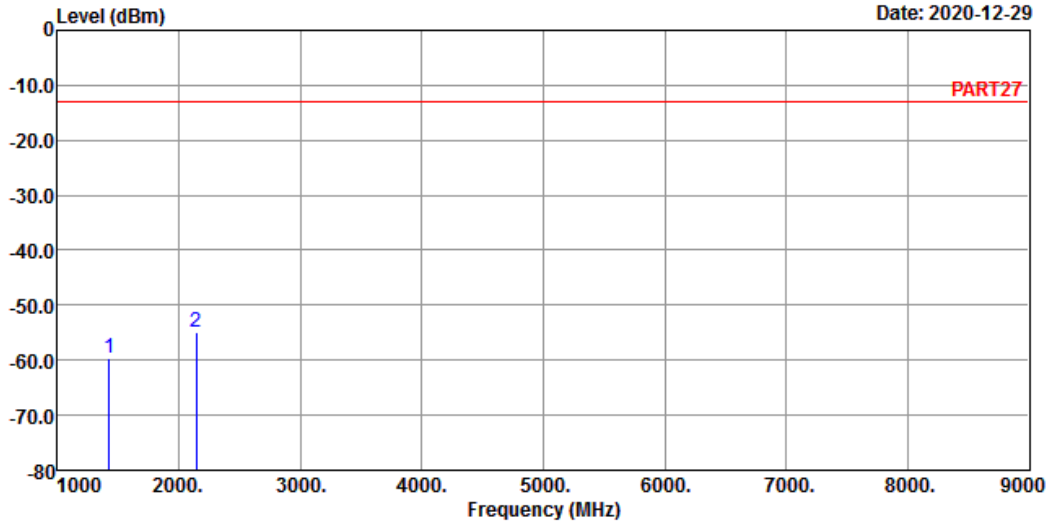
	Freq	Level	Read Level	Limit	Line Factor	Over Limit	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1427.00	-60.44	-48.19	-13.00	-12.25	-47.44	Peak
2 pp	2140.50	-54.87	-45.30	-13.00	-9.57	-41.87	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : LTE Band 17 QPSK_5M Link_H-CH
 Tested by: tim-chen

	Freq	Level	Read Level	Limit	Line Factor	Over Limit	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1427.00	-59.73	-47.48	-13.00	-12.25	-46.73	Peak
2	pp 2140.50	-54.97	-45.40	-13.00	-9.57	-41.97	Peak

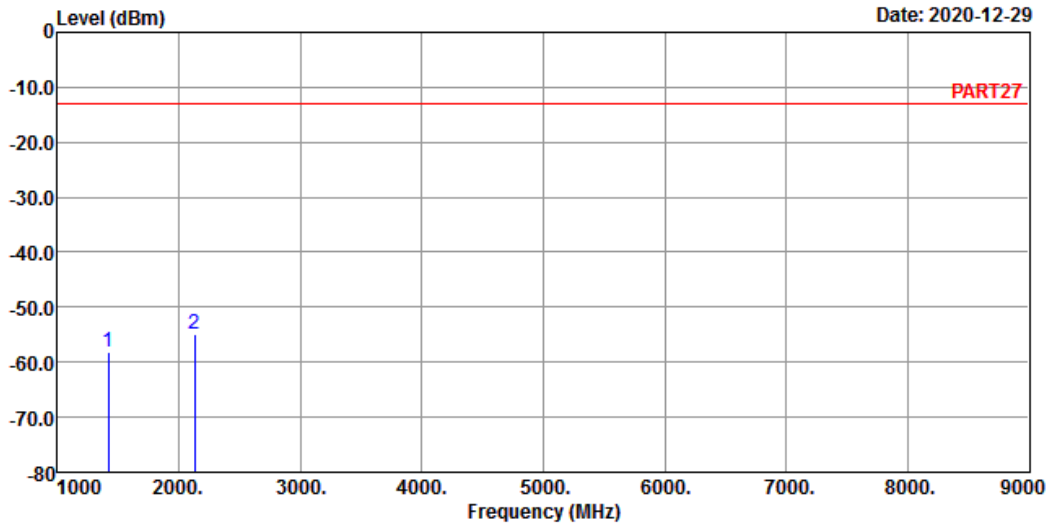
Channel Bandwidth: 10 MHz / QPSK
 Low Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : LTE Band 17 QPSK_10M Link_L-CH
 Tested by: tim-chen

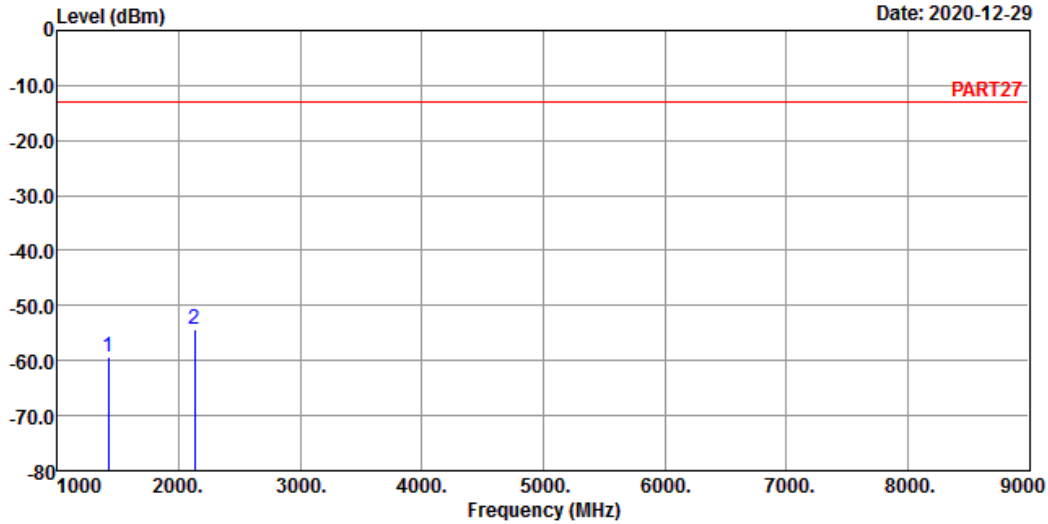
	Freq	Level	Read Level	Limit Line	Factor	Over Limit	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1418.00	-58.07	-45.93	-13.00	-12.14	-45.07	Peak
2 pp	2127.00	-55.01	-45.24	-13.00	-9.77	-42.01	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : LTE Band 17 QPSK_10M Link_L-CH
 Tested by: tim-chen

	Freq	Level	Read Level	Limit	Line Factor	Over Limit	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1418.00	-59.43	-47.29	-13.00	-12.14	-46.43	Peak
2 pp	2127.00	-54.37	-44.60	-13.00	-9.77	-41.37	Peak

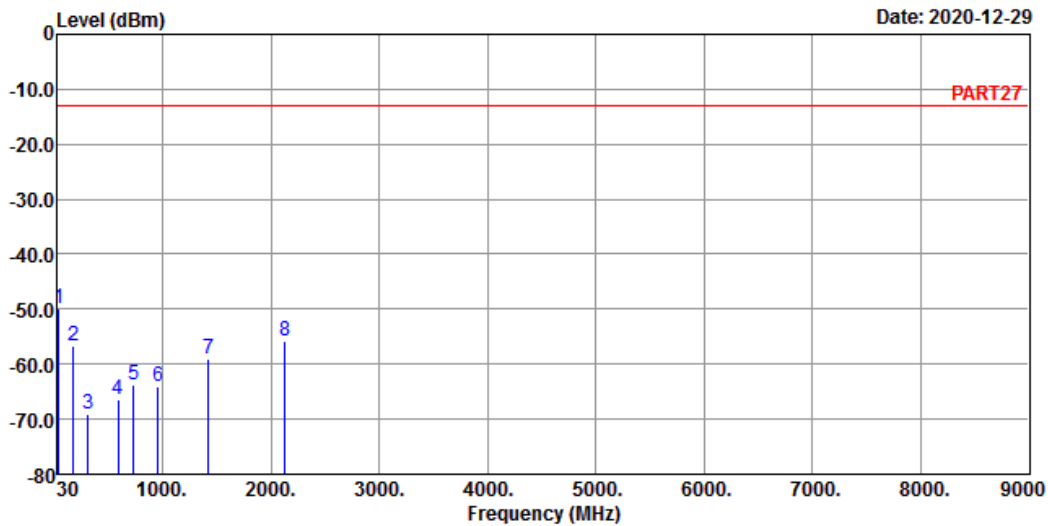
Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : LTE Band 17 QPSK_10M Link_M-CH
 Tested by: tim-chen

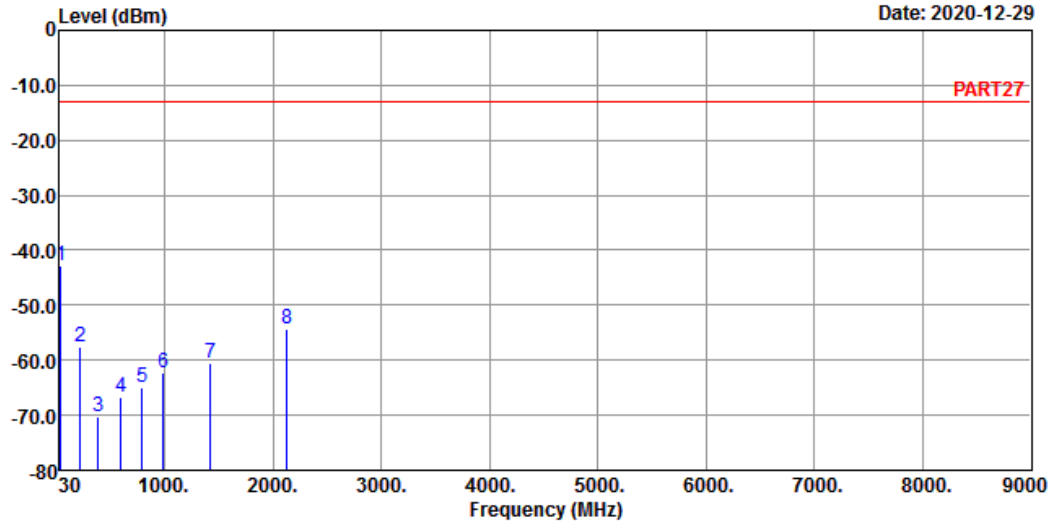
	Freq	Level	Read Level	Limit	Over	Factor	Limit	Remark
	MHz	dBm	dBm	dBm	dB	dB	dB	
1	pp	42.61	-49.92	-48.98	-13.00	-0.94	-36.92	Peak
2		178.41	-56.69	-49.63	-13.00	-7.06	-43.69	Peak
3		313.24	-69.06	-62.25	-13.00	-6.81	-56.06	Peak
4		588.72	-66.47	-65.23	-13.00	-1.24	-53.47	Peak
5		729.37	-63.73	-64.21	-13.00	0.48	-50.73	Peak
6		954.41	-64.18	-66.15	-13.00	1.97	-51.18	Peak
7		1420.00	-59.09	-46.95	-13.00	-12.14	-46.09	Peak
8		2130.00	-55.90	-46.13	-13.00	-9.77	-42.90	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : LTE Band 17 QPSK_10M Link_M-CH
 Tested by: tim-chen

	Freq	Level	Read Level	Limit	Line Factor	Over Limit	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1 pp	39.70	-42.84	-43.48	-13.00	0.64	-29.84	Peak
2	222.06	-57.67	-50.55	-13.00	-7.12	-44.67	Peak
3	388.90	-70.11	-64.10	-13.00	-6.01	-57.11	Peak
4	598.42	-66.66	-65.83	-13.00	-0.83	-53.66	Peak
5	788.54	-65.09	-65.86	-13.00	0.77	-52.09	Peak
6	990.30	-62.27	-65.51	-13.00	3.24	-49.27	Peak
7	1420.00	-60.66	-48.52	-13.00	-12.14	-47.66	Peak
8	2130.00	-54.33	-44.56	-13.00	-9.77	-41.33	Peak

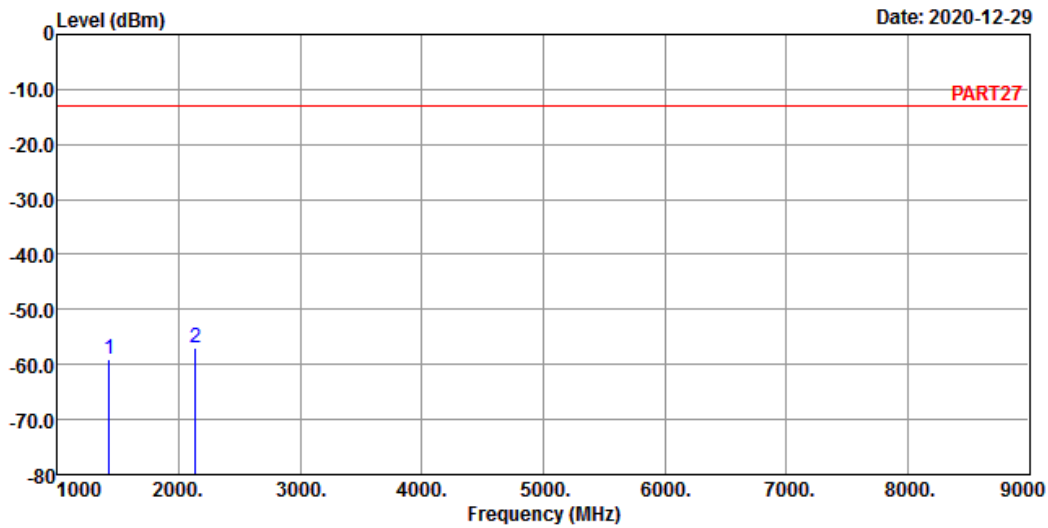
High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 3



Site : 966 Chamber 5
 Condition: PART27 HORIZONTAL
 Remak : LTE Band 17 QPSK_10M Link_H-CH
 Tested by: tim-chen

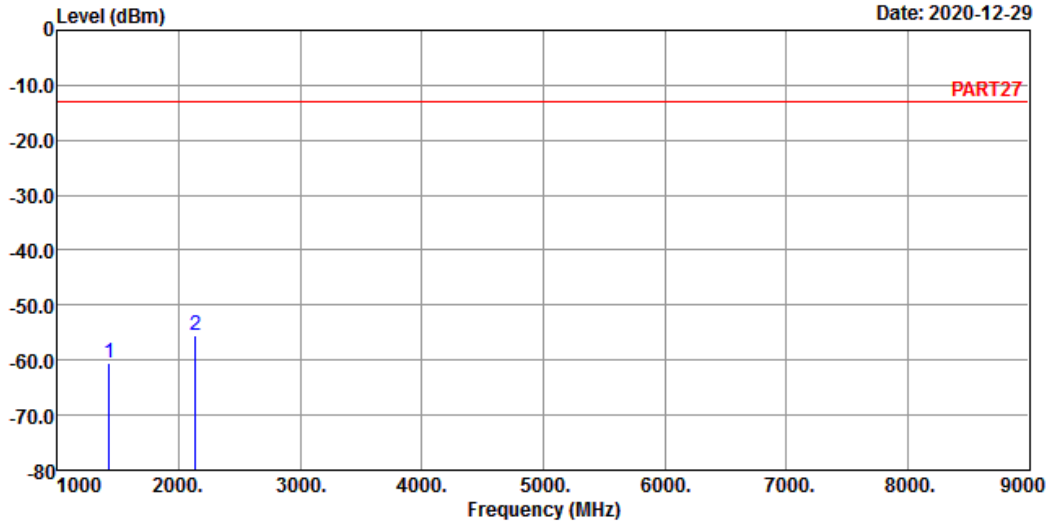
	Freq	Level	Read Level	Limit	Line Factor	Over Limit	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1422.00	-58.93	-46.74	-13.00	-12.19	-45.93	Peak
2 pp	2133.00	-57.03	-47.36	-13.00	-9.67	-44.03	Peak



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 4



Site : 966 Chamber 5
 Condition: PART27 VERTICAL
 Remak : LTE Band 17 QPSK_10M Link_H-CH
 Tested by: tim-chen

	Freq	Level	Read Level	Limit	Line Factor	Over Limit	Remark
	MHz	dBm	dBm	dBm	dB	dB	
1	1422.00	-60.52	-48.33	-13.00	-12.19	-47.52	Peak
2	pp 2133.00	-55.60	-45.93	-13.00	-9.67	-42.60	Peak

Test Mode B

LTE Band 4:

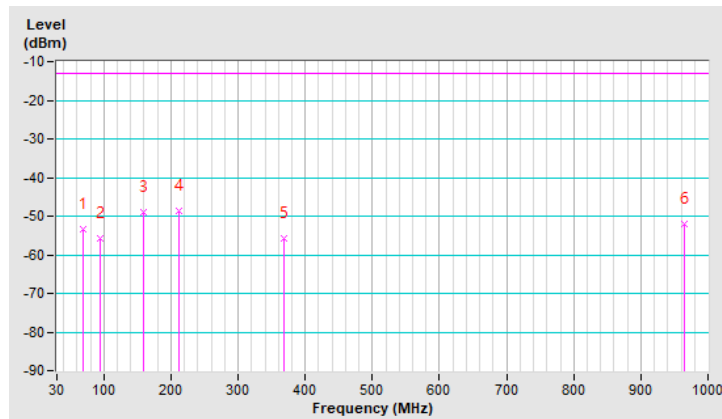
Channel Bandwidth: 20MHz

Mode	TX channel 20175 (1732.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	22deg. C, 68%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBUV)	Correction Factor (dB/m)
1	69.77	-53.51	-13.00	-40.51	1.00 H	15	52.63	-106.14
2	94.99	-55.66	-13.00	-42.66	1.25 H	272	53.77	-109.43
3	159.01	-49.07	-13.00	-36.07	1.00 H	134	54.56	-103.63
4	211.39	-48.53	-13.00	-35.53	1.50 H	104	57.81	-106.34
5	368.53	-55.74	-13.00	-42.74	1.00 H	205	44.86	-100.60
6	965.08	-52.16	-13.00	-39.16	1.25 H	14	36.47	-88.63

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.

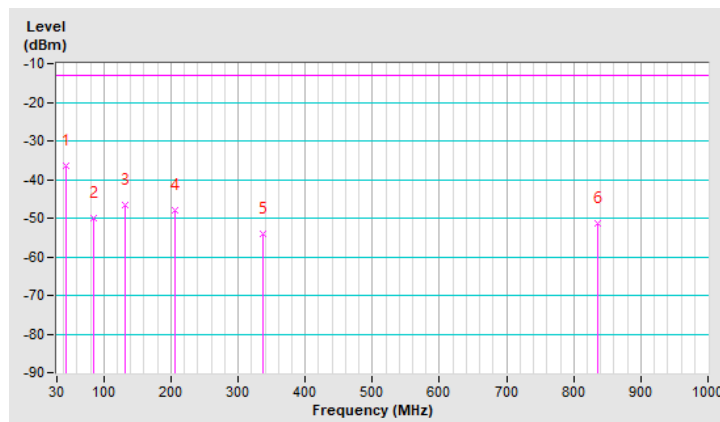


Mode	TX channel 20175 (1732.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	22deg. C, 68%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	43.58	-36.47	-13.00	-23.47	1.25 V	186	68.00	-104.47
2	84.32	-50.08	-13.00	-37.08	1.00 V	3	59.41	-109.49
3	130.88	-46.49	-13.00	-33.49	1.00 V	3	58.68	-105.17
4	206.54	-47.86	-13.00	-34.86	1.50 V	293	58.66	-106.52
5	336.52	-54.23	-13.00	-41.23	1.25 V	156	46.84	-101.07
6	836.07	-51.31	-13.00	-38.31	1.50 V	41	39.89	-91.20

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.



LTE Band 7

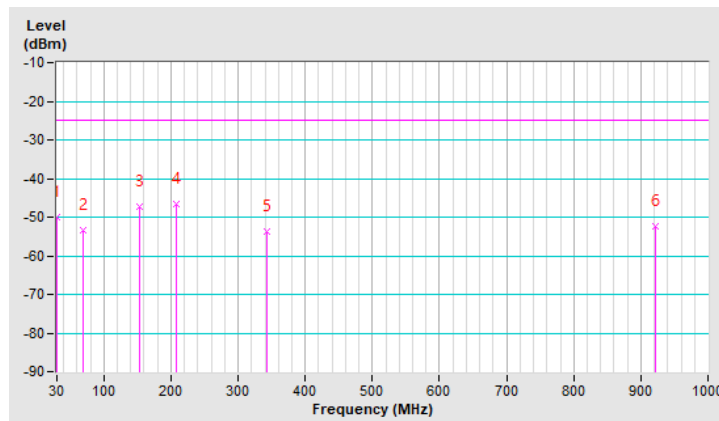
Channel Bandwidth 5MHz

Mode	TX channel 21100 (2535.0MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	22deg. C, 68%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBUV)	Correction Factor (dB/m)
1	30.00	-49.90	-25.00	-24.90	1.25 H	178	55.58	-105.48
2	69.77	-53.51	-25.00	-28.51	1.00 H	15	52.63	-106.14
3	153.19	-47.32	-25.00	-22.32	1.25 H	121	56.54	-103.86
4	208.48	-46.77	-25.00	-21.77	1.25 H	85	59.67	-106.44
5	342.34	-53.65	-25.00	-28.65	1.00 H	318	47.46	-101.11
6	922.40	-52.42	-25.00	-27.42	1.50 H	259	36.68	-89.10

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.

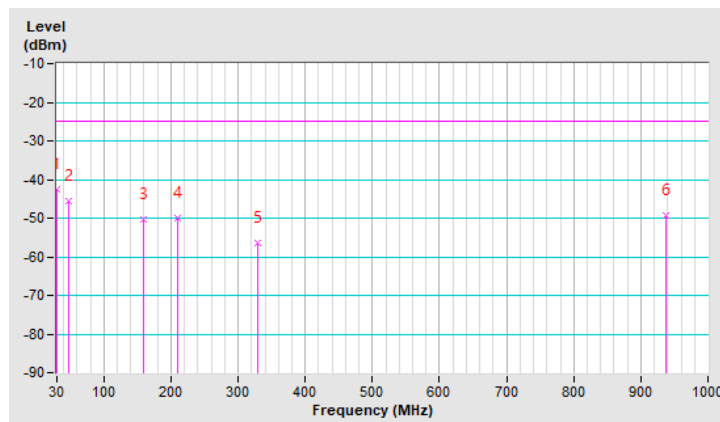


Mode	TX channel 21100 (2535.0MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	22deg. C, 68%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.97	-42.44	-25.00	-17.44	1.00 V	207	63.29	-105.73
2	47.46	-45.62	-25.00	-20.62	1.25 V	3	58.60	-104.22
3	159.98	-50.45	-25.00	-25.45	1.50 V	144	53.34	-103.79
4	209.45	-49.86	-25.00	-24.86	1.00 V	20	56.55	-106.41
5	328.76	-56.42	-25.00	-31.42	1.25 V	179	44.74	-101.16
6	937.92	-49.22	-25.00	-24.22	1.50 V	133	39.72	-88.94

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



LTE Band 12

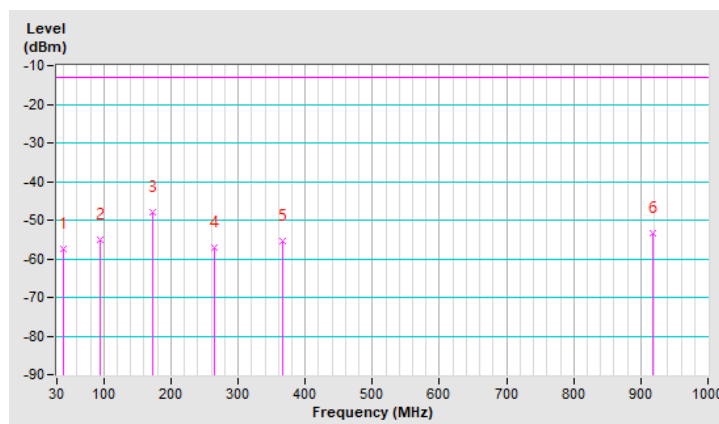
Channel Bandwidth 1.4MHz

Mode	TX channel 23173 (715.3MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	22deg. C, 68%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40.67	-57.32	-13.00	-44.32	1.00 H	202	49.56	-106.88
2	94.99	-55.11	-13.00	-42.11	1.00 H	214	56.47	-111.58
3	173.56	-48.13	-13.00	-35.13	1.25 H	157	58.53	-106.66
4	263.77	-57.23	-13.00	-44.23	1.50 H	136	48.32	-105.55
5	365.62	-55.50	-13.00	-42.50	1.50 H	231	47.32	-102.82
6	917.55	-53.25	-13.00	-40.25	1.25 H	53	38.09	-91.34

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

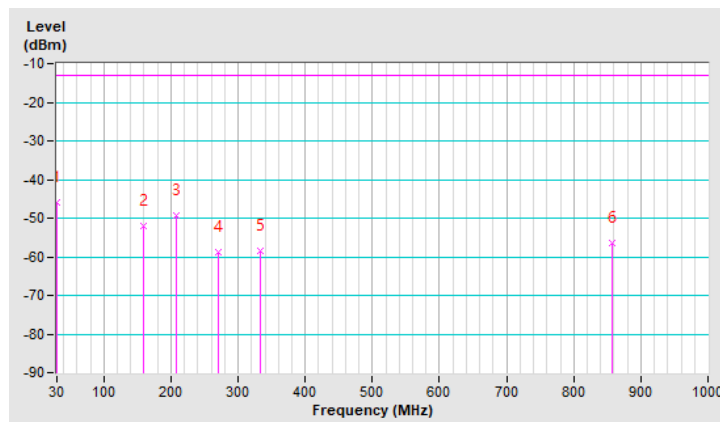


Mode	TX channel 23173 (715.3MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	22deg. C, 68%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.97	-45.97	-13.00	-32.97	1.25 V	165	61.91	-107.88
2	159.98	-52.18	-13.00	-39.18	1.00 V	140	53.76	-105.94
3	207.51	-49.37	-13.00	-36.37	1.25 V	338	59.26	-108.63
4	269.59	-58.73	-13.00	-45.73	1.50 V	214	46.40	-105.13
5	332.64	-58.50	-13.00	-45.50	1.00 V	174	44.75	-103.25
6	856.44	-56.29	-13.00	-43.29	1.25 V	130	36.63	-92.92

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.



LTE Band 13

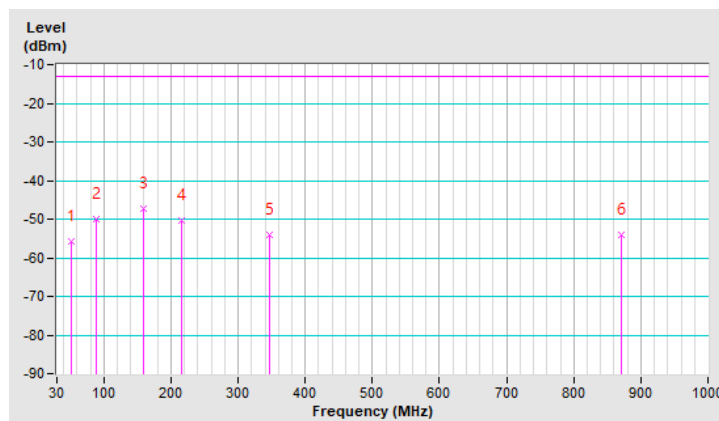
Channel Bandwidth 5MHz

Mode	TX channel 23255 (784.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	22deg. C, 68%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBUV)	Correction Factor (dB/m)
1	51.34	-55.88	-13.00	-42.88	1.25 H	63	50.43	-106.31
2	88.20	-49.91	-13.00	-36.91	1.25 H	331	62.10	-112.01
3	159.01	-47.26	-13.00	-34.26	1.00 H	120	58.52	-105.78
4	215.27	-50.20	-13.00	-37.20	1.50 H	103	58.13	-108.33
5	347.19	-54.21	-13.00	-41.21	1.00 H	162	49.04	-103.25
6	870.99	-54.08	-13.00	-41.08	1.25 H	273	38.55	-92.63

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

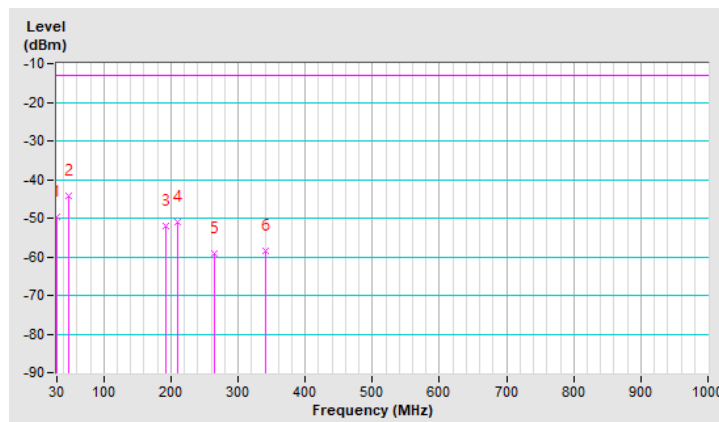


Mode	TX channel 23255 (784.5MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	22deg. C, 68%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.00	-49.64	-13.00	-36.64	1.00 V	153	57.99	-107.63
2	48.43	-44.19	-13.00	-31.19	1.25 V	172	62.10	-106.29
3	191.99	-52.20	-13.00	-39.20	1.00 V	300	56.54	-108.74
4	209.45	-50.88	-13.00	-37.88	1.50 V	350	57.68	-108.56
5	264.74	-59.20	-13.00	-46.20	1.00 V	210	46.29	-105.49
6	340.40	-58.59	-13.00	-45.59	1.25 V	176	44.64	-103.23

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.



LTE Band 17

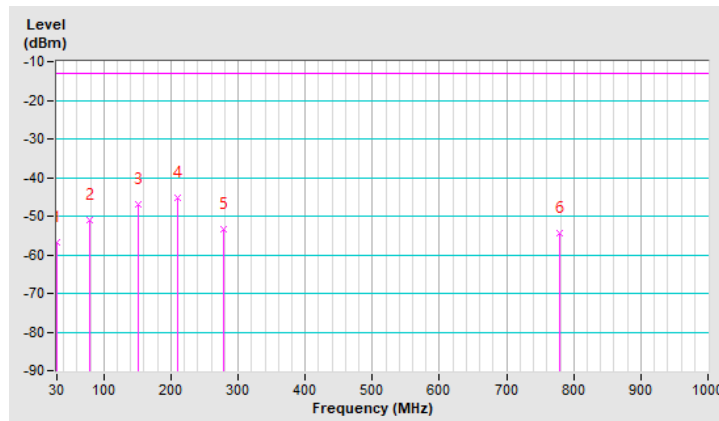
Channel Bandwidth 10MHz

Mode	TX channel 23790 (710.0MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	22deg. C, 68%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.97	-56.62	-13.00	-43.62	1.25 H	279	51.26	-107.88
2	78.50	-50.90	-13.00	-37.90	1.00 H	342	59.55	-110.45
3	151.25	-46.86	-13.00	-33.86	1.50 H	113	59.18	-106.04
4	209.45	-45.33	-13.00	-32.33	1.00 H	111	63.23	-108.56
5	278.32	-53.35	-13.00	-40.35	1.25 H	189	51.40	-104.75
6	779.81	-54.40	-13.00	-41.40	1.00 H	205	39.87	-94.27

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

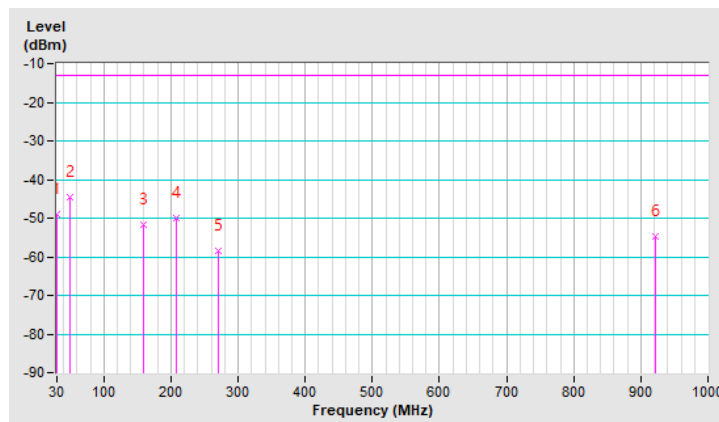


Mode	TX channel 23790 (710.0MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	22deg. C, 68%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.00	-49.02	-13.00	-36.02	1.25 V	293	58.61	-107.63
2	49.40	-44.64	-13.00	-31.64	1.00 V	299	61.65	-106.29
3	159.01	-51.60	-13.00	-38.60	1.50 V	142	54.18	-105.78
4	207.51	-49.97	-13.00	-36.97	1.25 V	332	58.66	-108.63
5	269.59	-58.44	-13.00	-45.44	1.00 V	202	46.69	-105.13
6	922.40	-54.83	-13.00	-41.83	1.25 V	93	36.42	-91.25

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.



5 Pictures of Test Arrangements

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

Appendix – Information of the Testing Laboratories

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

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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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