



Appendix B

E-UTRA BAND 17



CONTENT

1.	EFFECTIVE (ISOTROPIC) RADIATED POWER	3
1.1.	Test Result	3
2.	PEAK-TO-AVERAGE RATIO(CCDF)	7
2.1.	Test Result	7
2.2.	Test Plots.....	7
3.	MODULATION CHARACTERISTICS	11
3.1.	Test BAND = LTE BAND17	11
3.1.1.	Test Mode = LTE /TM1 10MHz	11
3.1.1.1.	Test Channel = MCH.....	11
3.1.2.	Test Mode = LTE /TM2 10MHz	12
3.1.2.1.	Test Channel = MCH.....	12
3.1.1.	Test Mode = LTE /TM3 20MHz	13
3.1.1.1.	Test Channel = MCH.....	13
4.	26dB BANDWIDTH AND OCCUPIED BANDWIDTH.....	14
4.1.	Test Result	14
4.2.	Test Plots.....	15
5.	BAND EDGE COMPLIANCE	22
5.1.	Test Plots.....	22
6.	SPURIOUS EMISSION AT ANTENNA TERMINAL	30
6.1.	Test Plots.....	30
7.	FIELD STRENGTH OF SPURIOUS RADIATION	37
7.1.	Test BAND = LTE BAND 17	37
7.1.1.	Test Mode =LTE/TM1 10MHz	37
7.1.1.1.	Test Channel = LCH.....	37
7.1.1.2.	Test Channel = MCH.....	37
7.1.1.3.	Test Channel = HCH	38
8.	FREQUENCY STABILITY	39
8.1.	Frequency Vs Voltage	39
8.2.	Frequency Vs Temperature	39



1. Effective (Isotropic) Radiated Power

1.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
BAND17	5MHz	QPSK	23755	1RB#0	22.56	24.41	34.77	PASS
BAND17	5MHz	QPSK	23755	1RB#12	22.53	24.38	34.77	PASS
BAND17	5MHz	QPSK	23755	1RB#24	22.53	24.38	34.77	PASS
BAND17	5MHz	QPSK	23755	12RB#0	21.63	23.48	34.77	PASS
BAND17	5MHz	QPSK	23755	12RB#6	21.6	23.45	34.77	PASS
BAND17	5MHz	QPSK	23755	12RB#13	21.58	23.43	34.77	PASS
BAND17	5MHz	QPSK	23755	25RB#0	21.6	23.45	34.77	PASS
BAND17	5MHz	QPSK	23790	1RB#0	22.54	24.39	34.77	PASS
BAND17	5MHz	QPSK	23790	1RB#12	22.48	24.33	34.77	PASS
BAND17	5MHz	QPSK	23790	1RB#24	22.45	24.3	34.77	PASS
BAND17	5MHz	QPSK	23790	12RB#0	21.58	23.43	34.77	PASS
BAND17	5MHz	QPSK	23790	12RB#6	21.55	23.4	34.77	PASS
BAND17	5MHz	QPSK	23790	12RB#13	21.46	23.31	34.77	PASS
BAND17	5MHz	QPSK	23790	25RB#0	21.54	23.39	34.77	PASS
BAND17	5MHz	QPSK	23825	1RB#0	22.42	24.27	34.77	PASS
BAND17	5MHz	QPSK	23825	1RB#12	22.42	24.27	34.77	PASS
BAND17	5MHz	QPSK	23825	1RB#24	22.36	24.21	34.77	PASS
BAND17	5MHz	QPSK	23825	12RB#0	21.53	23.38	34.77	PASS
BAND17	5MHz	QPSK	23825	12RB#6	21.5	23.35	34.77	PASS
BAND17	5MHz	QPSK	23825	12RB#13	21.42	23.27	34.77	PASS
BAND17	5MHz	QPSK	23825	25RB#0	21.49	23.34	34.77	PASS
BAND17	5MHz	64QAM	23755	1RB#0	20.61	22.46	34.77	PASS
BAND17	5MHz	64QAM	23755	1RB#12	20.6	22.45	34.77	PASS
BAND17	5MHz	64QAM	23755	1RB#24	20.61	22.46	34.77	PASS
BAND17	5MHz	64QAM	23755	12RB#0	19.58	21.43	34.77	PASS
BAND17	5MHz	64QAM	23755	12RB#6	19.55	21.4	34.77	PASS
BAND17	5MHz	64QAM	23755	12RB#13	19.51	21.36	34.77	PASS
BAND17	5MHz	64QAM	23755	25RB#0	19.53	21.38	34.77	PASS
BAND17	5MHz	64QAM	23790	1RB#0	20.6	22.45	34.77	PASS
BAND17	5MHz	64QAM	23790	1RB#12	20.55	22.4	34.77	PASS
BAND17	5MHz	64QAM	23790	1RB#24	20.48	22.33	34.77	PASS
BAND17	5MHz	64QAM	23790	12RB#0	19.53	21.38	34.77	PASS
BAND17	5MHz	64QAM	23790	12RB#6	19.47	21.32	34.77	PASS
BAND17	5MHz	64QAM	23790	12RB#13	19.37	21.22	34.77	PASS



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM180500437001

Page: 4 of 41

BAND17	5MHz	64QAM	23790	25RB#0	19.51	21.36	34.77	PASS
BAND17	5MHz	64QAM	23825	1RB#0	20.45	22.3	34.77	PASS
BAND17	5MHz	64QAM	23825	1RB#12	20.48	22.33	34.77	PASS
BAND17	5MHz	64QAM	23825	1RB#24	20.49	22.34	34.77	PASS
BAND17	5MHz	64QAM	23825	12RB#0	19.43	21.28	34.77	PASS
BAND17	5MHz	64QAM	23825	12RB#6	19.35	21.2	34.77	PASS
BAND17	5MHz	64QAM	23825	12RB#13	19.32	21.17	34.77	PASS
BAND17	5MHz	64QAM	23825	25RB#0	19.43	21.28	34.77	PASS
BAND17	5MHz	16QAM	23755	1RB#0	21.78	23.63	34.77	PASS
BAND17	5MHz	16QAM	23755	1RB#12	21.71	23.56	34.77	PASS
BAND17	5MHz	16QAM	23755	1RB#24	21.66	23.51	34.77	PASS
BAND17	5MHz	16QAM	23755	12RB#0	20.67	22.52	34.77	PASS
BAND17	5MHz	16QAM	23755	12RB#6	20.69	22.54	34.77	PASS
BAND17	5MHz	16QAM	23755	12RB#13	20.67	22.52	34.77	PASS
BAND17	5MHz	16QAM	23755	25RB#0	20.66	22.51	34.77	PASS
BAND17	5MHz	16QAM	23790	1RB#0	21.66	23.51	34.77	PASS
BAND17	5MHz	16QAM	23790	1RB#12	21.65	23.5	34.77	PASS
BAND17	5MHz	16QAM	23790	1RB#24	21.51	23.36	34.77	PASS
BAND17	5MHz	16QAM	23790	12RB#0	20.67	22.52	34.77	PASS
BAND17	5MHz	16QAM	23790	12RB#6	20.64	22.49	34.77	PASS
BAND17	5MHz	16QAM	23790	12RB#13	20.58	22.43	34.77	PASS
BAND17	5MHz	16QAM	23790	25RB#0	20.59	22.44	34.77	PASS
BAND17	5MHz	16QAM	23825	1RB#0	21.48	23.33	34.77	PASS
BAND17	5MHz	16QAM	23825	1RB#12	21.52	23.37	34.77	PASS
BAND17	5MHz	16QAM	23825	1RB#24	21.47	23.32	34.77	PASS
BAND17	5MHz	16QAM	23825	12RB#0	20.61	22.46	34.77	PASS
BAND17	5MHz	16QAM	23825	12RB#6	20.57	22.42	34.77	PASS
BAND17	5MHz	16QAM	23825	12RB#13	20.47	22.32	34.77	PASS
BAND17	5MHz	16QAM	23825	25RB#0	20.55	22.4	34.77	PASS
BAND17	10MHz	QPSK	23780	1RB#0	22.63	24.48	34.77	PASS
BAND17	10MHz	QPSK	23780	1RB#24	22.55	24.4	34.77	PASS
BAND17	10MHz	QPSK	23780	1RB#49	22.5	24.35	34.77	PASS
BAND17	10MHz	QPSK	23780	25RB#0	21.59	23.44	34.77	PASS
BAND17	10MHz	QPSK	23780	25RB#12	21.54	23.39	34.77	PASS
BAND17	10MHz	QPSK	23780	25RB#25	21.43	23.28	34.77	PASS
BAND17	10MHz	QPSK	23780	50RB#0	21.54	23.39	34.77	PASS
BAND17	10MHz	QPSK	23790	1RB#0	22.64	24.49	34.77	PASS
BAND17	10MHz	QPSK	23790	1RB#24	22.54	24.39	34.77	PASS
BAND17	10MHz	QPSK	23790	1RB#49	22.43	24.28	34.77	PASS
BAND17	10MHz	QPSK	23790	25RB#0	21.59	23.44	34.77	PASS
BAND17	10MHz	QPSK	23790	25RB#12	21.53	23.38	34.77	PASS

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM180500437001

Page: 5 of 41

BAND17	10MHz	QPSK	23790	25RB#25	21.51	23.36	34.77	PASS
BAND17	10MHz	QPSK	23790	50RB#0	21.54	23.39	34.77	PASS
BAND17	10MHz	QPSK	23800	1RB#0	22.65	24.5	34.77	PASS
BAND17	10MHz	QPSK	23800	1RB#24	22.54	24.39	34.77	PASS
BAND17	10MHz	QPSK	23800	1RB#49	22.41	24.26	34.77	PASS
BAND17	10MHz	QPSK	23800	25RB#0	21.58	23.43	34.77	PASS
BAND17	10MHz	QPSK	23800	25RB#12	21.53	23.38	34.77	PASS
BAND17	10MHz	QPSK	23800	25RB#25	21.49	23.34	34.77	PASS
BAND17	10MHz	QPSK	23800	50RB#0	21.45	23.3	34.77	PASS
BAND17	10MHz	64QAM	23780	1RB#0	20.79	22.64	34.77	PASS
BAND17	10MHz	64QAM	23780	1RB#24	20.63	22.48	34.77	PASS
BAND17	10MHz	64QAM	23780	1RB#49	20.63	22.48	34.77	PASS
BAND17	10MHz	64QAM	23780	25RB#0	19.6	21.45	34.77	PASS
BAND17	10MHz	64QAM	23780	25RB#12	19.58	21.43	34.77	PASS
BAND17	10MHz	64QAM	23780	25RB#25	19.45	21.3	34.77	PASS
BAND17	10MHz	64QAM	23780	50RB#0	19.51	21.36	34.77	PASS
BAND17	10MHz	64QAM	23790	1RB#0	20.73	22.58	34.77	PASS
BAND17	10MHz	64QAM	23790	1RB#24	20.72	22.57	34.77	PASS
BAND17	10MHz	64QAM	23790	1RB#49	20.57	22.42	34.77	PASS
BAND17	10MHz	64QAM	23790	25RB#0	19.61	21.46	34.77	PASS
BAND17	10MHz	64QAM	23790	25RB#12	19.57	21.42	34.77	PASS
BAND17	10MHz	64QAM	23790	25RB#25	19.54	21.39	34.77	PASS
BAND17	10MHz	64QAM	23790	50RB#0	19.49	21.34	34.77	PASS
BAND17	10MHz	64QAM	23800	1RB#0	20.78	22.63	34.77	PASS
BAND17	10MHz	64QAM	23800	1RB#24	20.69	22.54	34.77	PASS
BAND17	10MHz	64QAM	23800	1RB#49	20.54	22.39	34.77	PASS
BAND17	10MHz	64QAM	23800	25RB#0	19.58	21.43	34.77	PASS
BAND17	10MHz	64QAM	23800	25RB#12	19.56	21.41	34.77	PASS
BAND17	10MHz	64QAM	23800	25RB#25	19.51	21.36	34.77	PASS
BAND17	10MHz	64QAM	23800	50RB#0	19.44	21.29	34.77	PASS
BAND17	10MHz	16QAM	23780	1RB#0	21.76	23.61	34.77	PASS
BAND17	10MHz	16QAM	23780	1RB#24	21.64	23.49	34.77	PASS
BAND17	10MHz	16QAM	23780	1RB#49	21.69	23.54	34.77	PASS
BAND17	10MHz	16QAM	23780	25RB#0	20.66	22.51	34.77	PASS
BAND17	10MHz	16QAM	23780	25RB#12	20.6	22.45	34.77	PASS
BAND17	10MHz	16QAM	23780	25RB#25	20.49	22.34	34.77	PASS
BAND17	10MHz	16QAM	23780	50RB#0	20.57	22.42	34.77	PASS
BAND17	10MHz	16QAM	23790	1RB#0	21.86	23.71	34.77	PASS
BAND17	10MHz	16QAM	23790	1RB#24	21.75	23.6	34.77	PASS
BAND17	10MHz	16QAM	23790	1RB#49	21.58	23.43	34.77	PASS
BAND17	10MHz	16QAM	23790	25RB#0	20.67	22.52	34.77	PASS

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM180500437001

Page: 6 of 41

BAND17	10MHz	16QAM	23790	25RB#12	20.62	22.47	34.77	PASS
BAND17	10MHz	16QAM	23790	25RB#25	20.61	22.46	34.77	PASS
BAND17	10MHz	16QAM	23790	50RB#0	20.58	22.43	34.77	PASS
BAND17	10MHz	16QAM	23800	1RB#0	21.86	23.71	34.77	PASS
BAND17	10MHz	16QAM	23800	1RB#24	21.75	23.6	34.77	PASS
BAND17	10MHz	16QAM	23800	1RB#49	21.63	23.48	34.77	PASS
BAND17	10MHz	16QAM	23800	25RB#0	20.65	22.5	34.77	PASS
BAND17	10MHz	16QAM	23800	25RB#12	20.62	22.47	34.77	PASS
BAND17	10MHz	16QAM	23800	25RB#25	20.6	22.45	34.77	PASS
BAND17	10MHz	16QAM	23800	50RB#0	20.49	22.34	34.77	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b: SGP=Signal Generator Level

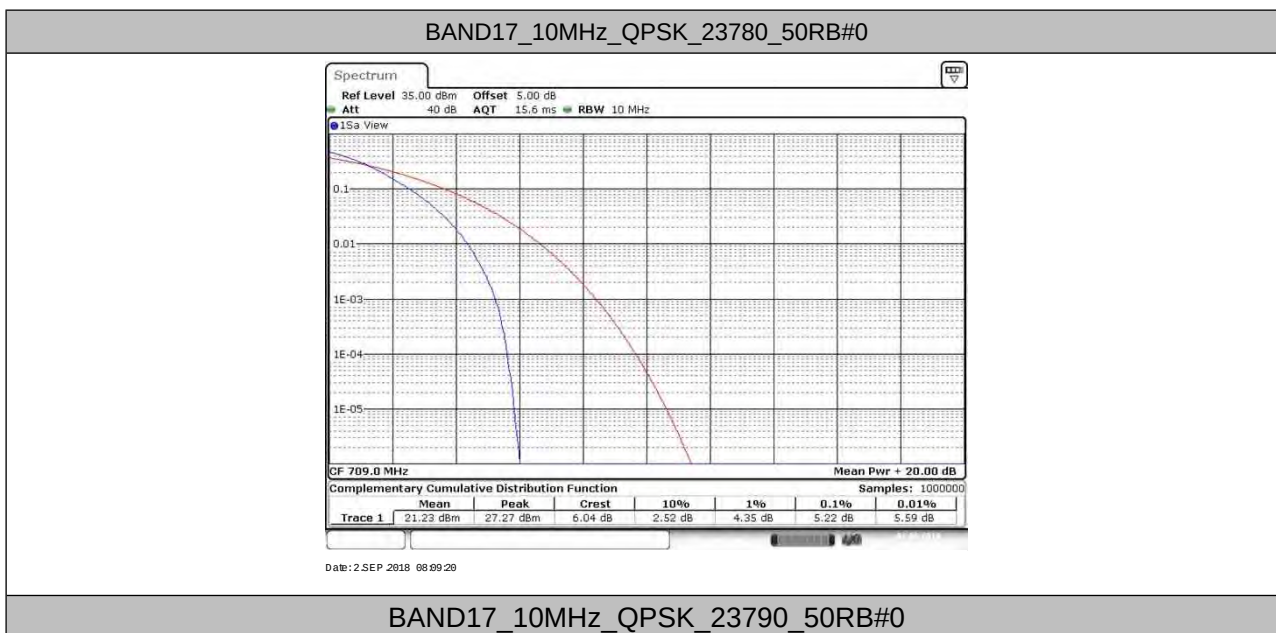


2. Peak-to-Average Ratio(CCDF)

2.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
BAND17	10MHz	QPSK	23780	50RB#0	5.22	13	PASS
BAND17	10MHz	QPSK	23790	50RB#0	5.04	13	PASS
BAND17	10MHz	QPSK	23800	50RB#0	4.93	13	PASS
BAND17	10MHz	64QAM	23780	50RB#0	5.88	13	PASS
BAND17	10MHz	64QAM	23790	50RB#0	5.80	13	PASS
BAND17	10MHz	64QAM	23800	50RB#0	5.77	13	PASS
BAND17	10MHz	16QAM	23780	50RB#0	5.97	13	PASS
BAND17	10MHz	16QAM	23790	50RB#0	5.86	13	PASS
BAND17	10MHz	16QAM	23800	50RB#0	5.74	13	PASS

2.2. Test Plots

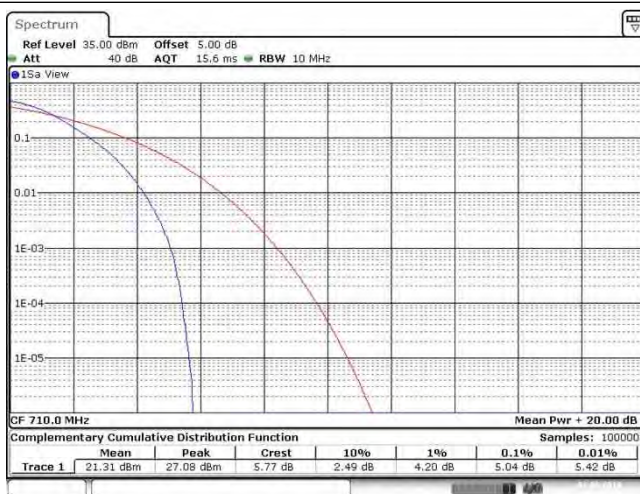




SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

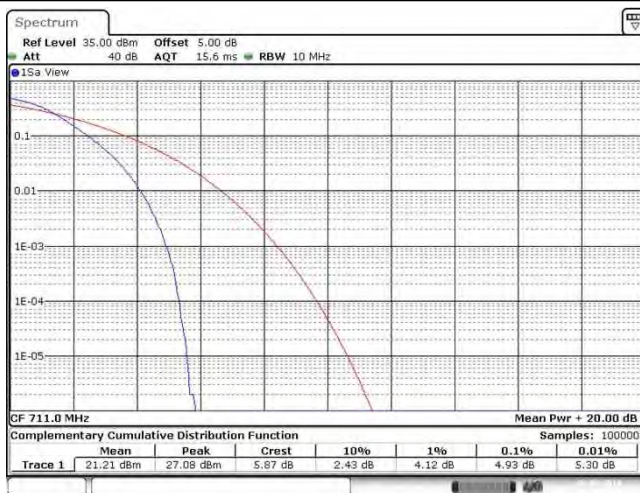
Report No.: SZEM180500437001

Page: 8 of 41



Date: 2 SEP 2018 08:59:37

BAND17_10MHz_QPSK_23800_50RB#0



Date: 2 SEP 2018 08:59:54

BAND17_10MHz_64QAM_23780_50RB#0



Date: 2 SEP 2018 08:29:42

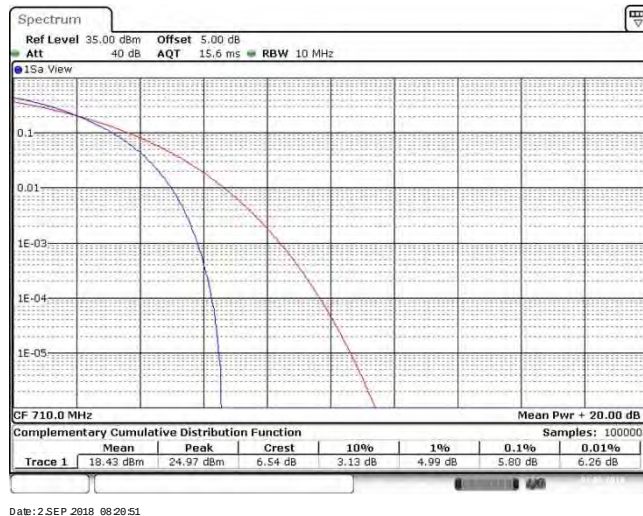
BAND17_10MHz_64QAM_23790_50RB#0



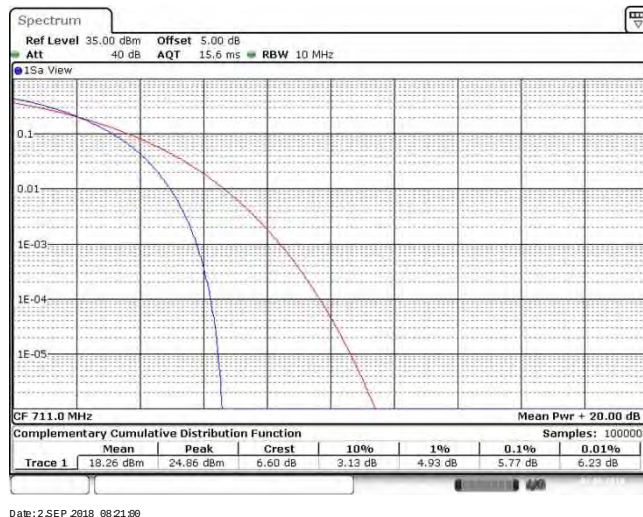
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM180500437001

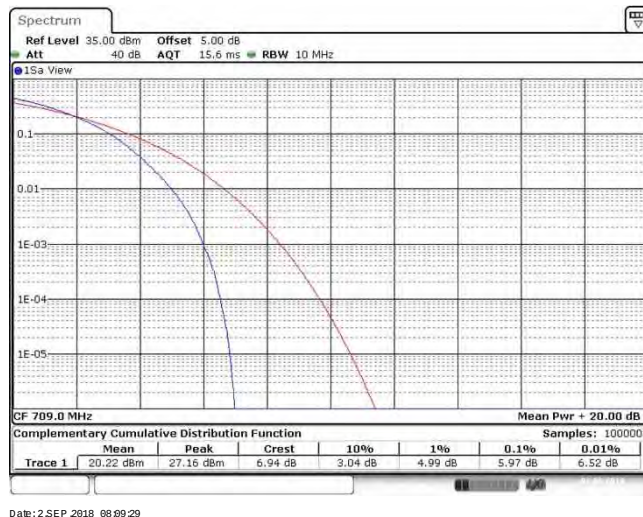
Page: 9 of 41



BAND17_10MHz_64QAM_23800_50RB#0



BAND17_10MHz_16QAM_23780_50RB#0



BAND17_10MHz_16QAM_23790_50RB#0

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM180500437001

Page: 10 of 41



Date: 2 SEP 2018 08:09:45

BAND17_10MHz_16QAM_23800_50RB#0



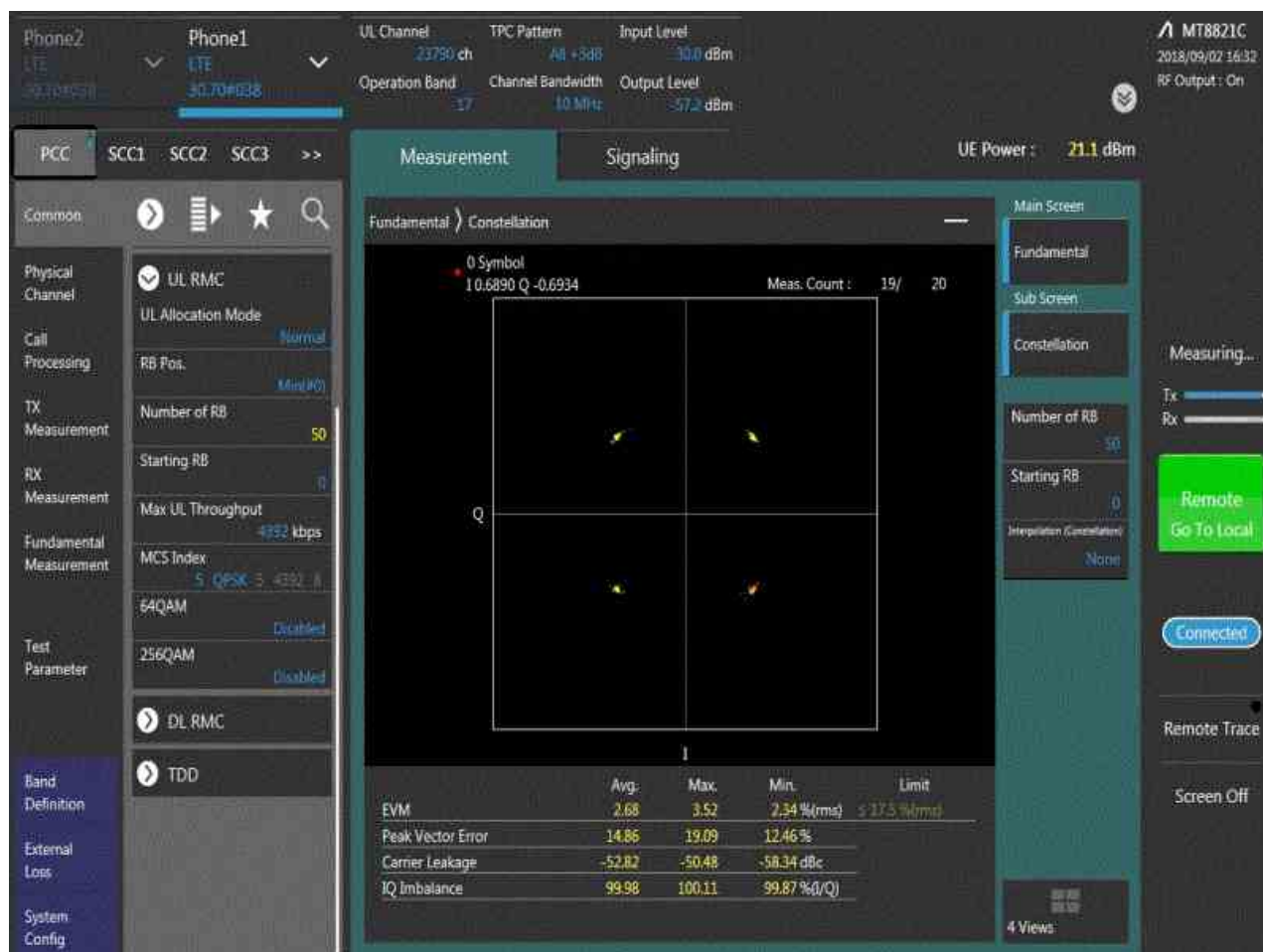
Date: 2 SEP 2018 08:10:02

3. Modulation Characteristics

3.1. Test BAND = LTE BAND17

3.1.1. Test Mode = LTE /TM1 10MHz

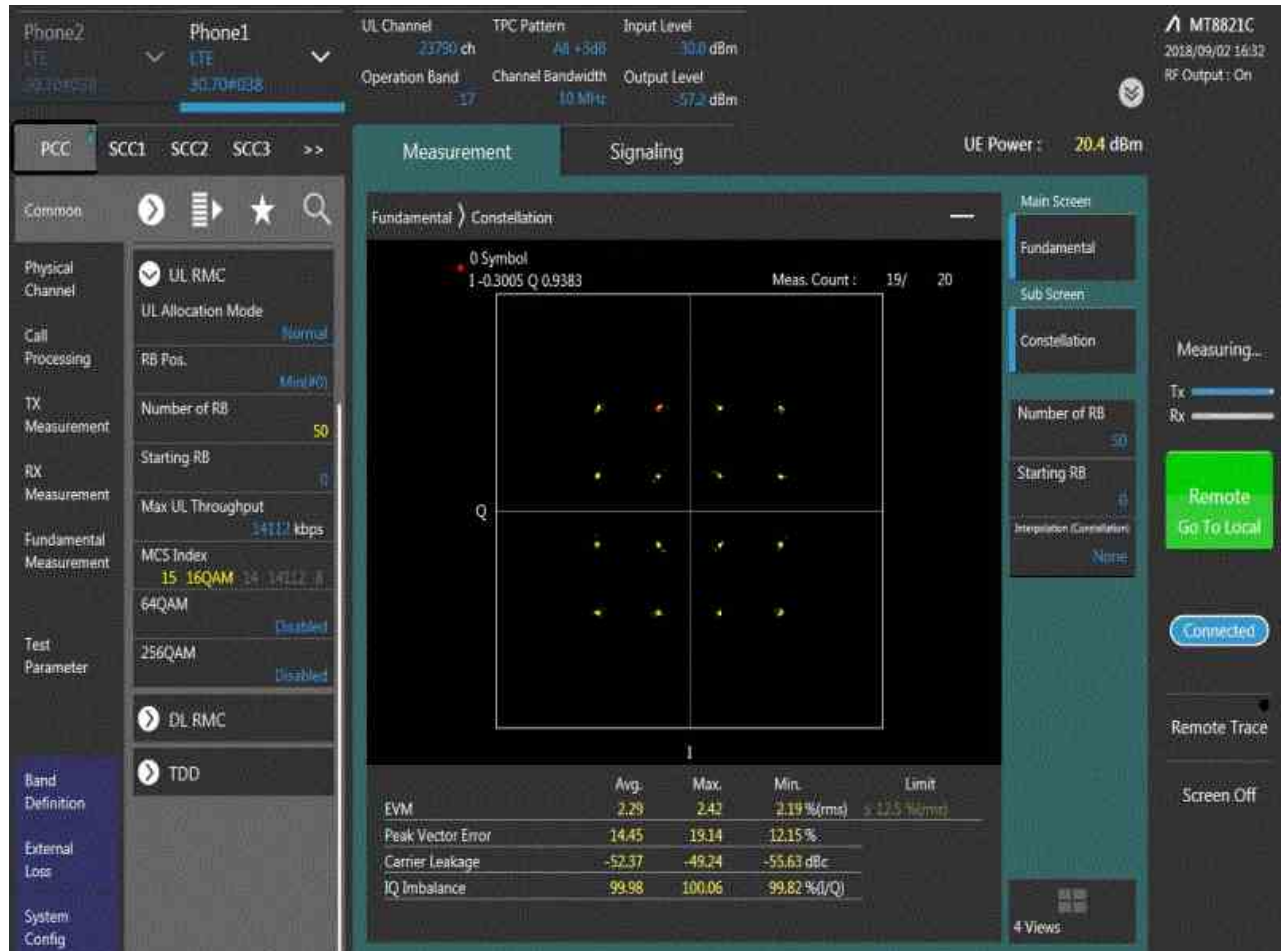
3.1.1.1. Test Channel = MCH





3.1.2. Test Mode = LTE /TM2 10MHz

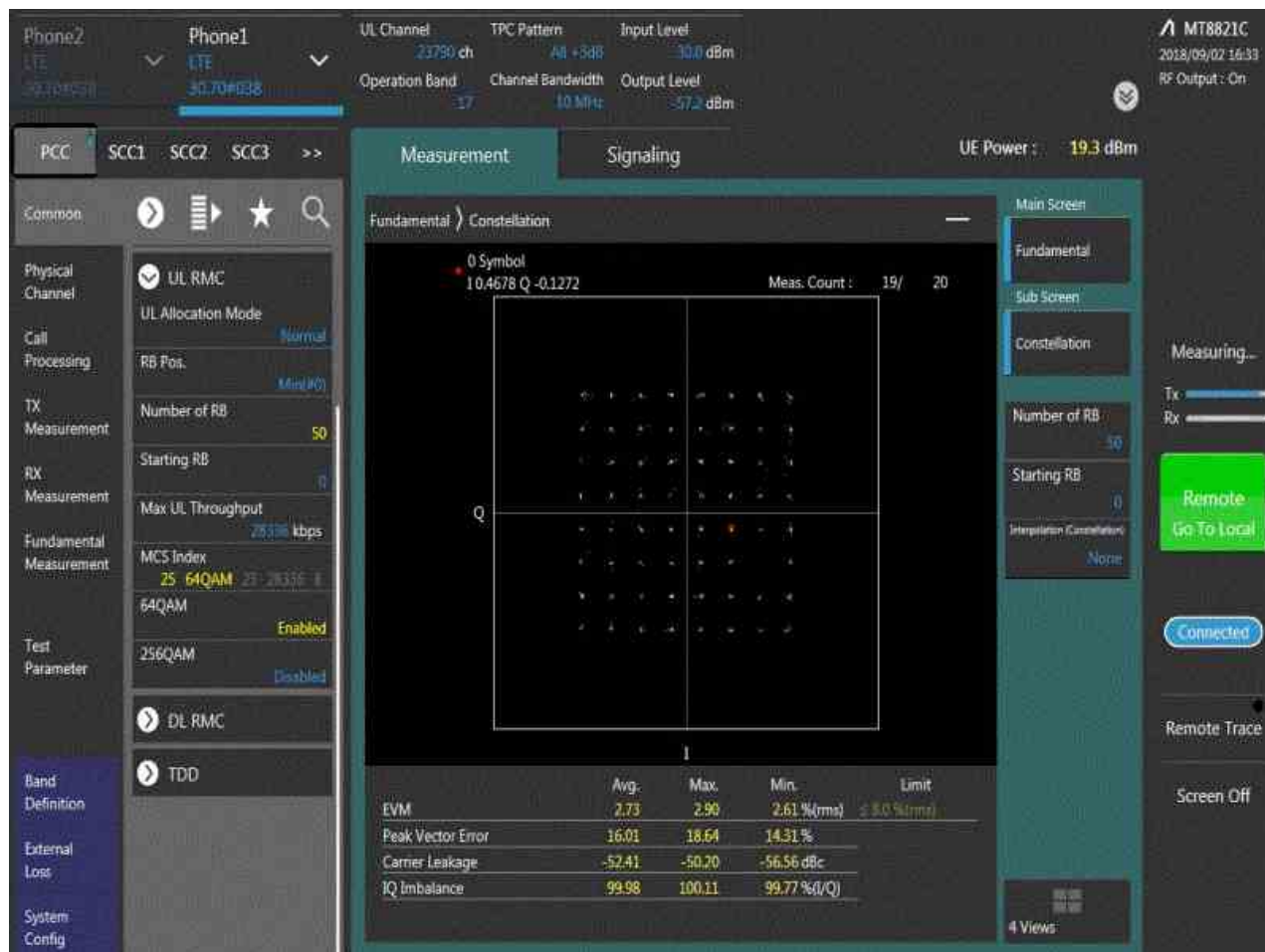
3.1.2.1. Test Channel = MCH





3.1.1. Test Mode = LTE /TM3 20MHz

3.1.1.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
BAND17	5MHz	QPSK	23755	25RB#0	4.466	4.870	PASS
BAND17	5MHz	QPSK	23790	25RB#0	4.456	4.830	PASS
BAND17	5MHz	QPSK	23825	25RB#0	4.446	4.830	PASS
BAND17	5MHz	64QAM	23755	25RB#0	4.476	4.870	PASS
BAND17	5MHz	64QAM	23790	25RB#0	4.456	4.840	PASS
BAND17	5MHz	64QAM	23825	25RB#0	4.456	4.870	PASS
BAND17	5MHz	16QAM	23755	25RB#0	4.466	4.850	PASS
BAND17	5MHz	16QAM	23790	25RB#0	4.456	4.840	PASS
BAND17	5MHz	16QAM	23825	25RB#0	4.456	4.840	PASS
BAND17	10MHz	QPSK	23780	50RB#0	8.931	9.960	PASS
BAND17	10MHz	QPSK	23790	50RB#0	8.911	9.920	PASS
BAND17	10MHz	QPSK	23800	50RB#0	8.891	9.860	PASS
BAND17	10MHz	64QAM	23780	50RB#0	8.931	9.980	PASS
BAND17	10MHz	64QAM	23790	50RB#0	8.911	9.960	PASS
BAND17	10MHz	64QAM	23800	50RB#0	8.891	10.000	PASS
BAND17	10MHz	16QAM	23780	50RB#0	8.931	10.000	PASS
BAND17	10MHz	16QAM	23790	50RB#0	8.891	9.940	PASS
BAND17	10MHz	16QAM	23800	50RB#0	8.891	10.020	PASS



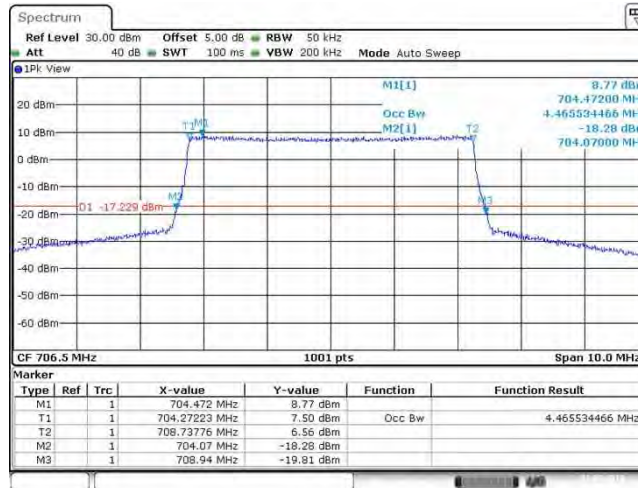
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM180500437001

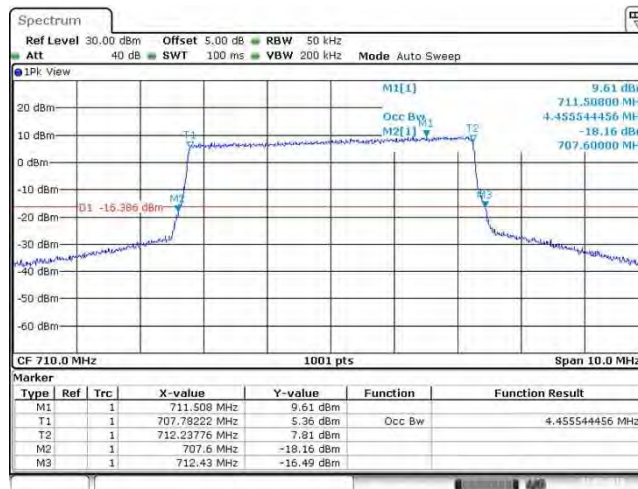
Page: 15 of 41

4.2. Test Plots

BAND17_5MHz_QPSK_23755_25RB#0



BAND17_5MHz_QPSK_23790_25RB#0



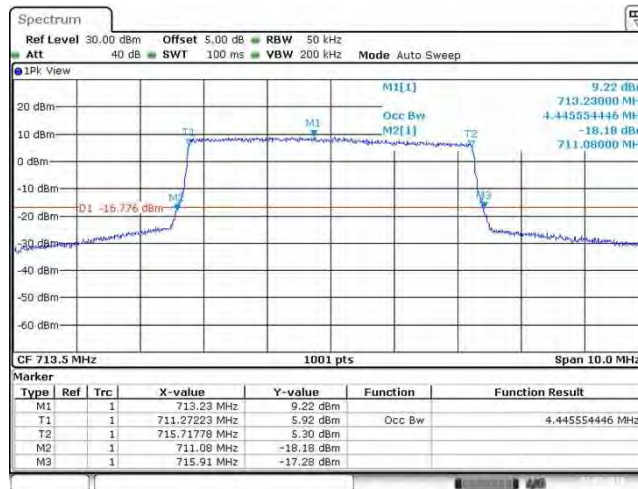
BAND17_5MHz_QPSK_23825_25RB#0



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

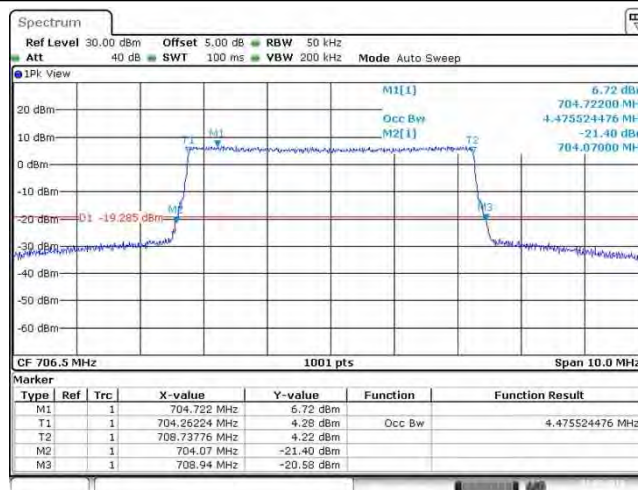
Report No.: SZEM180500437001

Page: 16 of 41



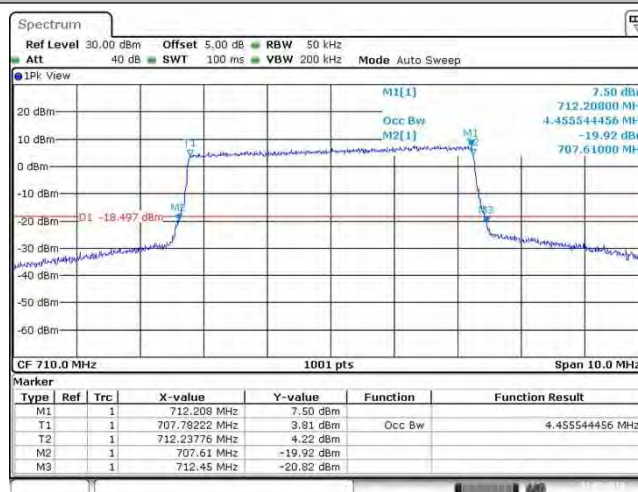
Date: 31 AUG 2018 16:45:33

BAND17_5MHz_64QAM_23755_25RB#0



Date: 31 AUG 2018 16:44:13

BAND17_5MHz_64QAM_23790_25RB#0



Date: 31 AUG 2018 16:45:13

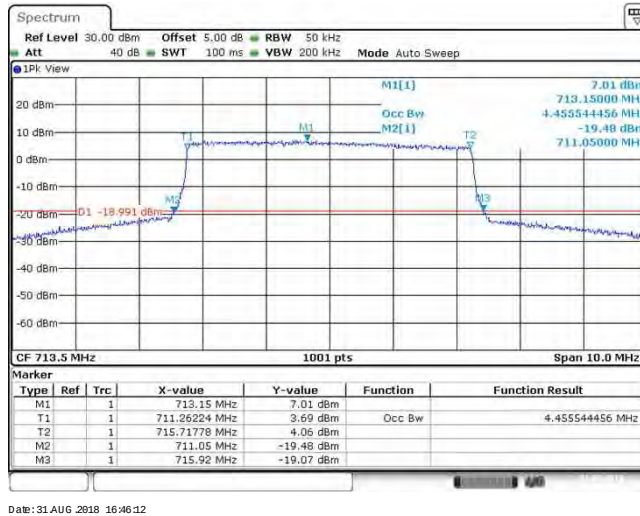
BAND17_5MHz_64QAM_23825_25RB#0



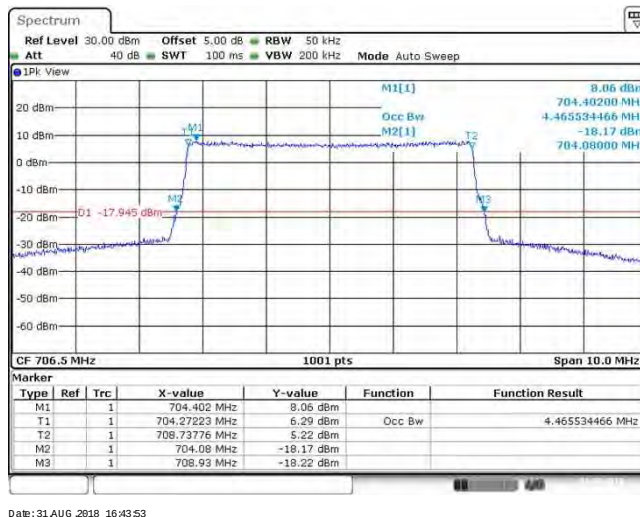
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM180500437001

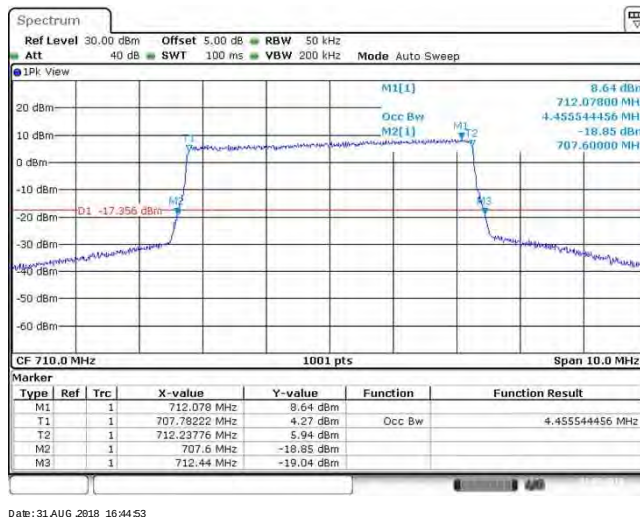
Page: 17 of 41



BAND17_5MHz_16QAM_23755_25RB#0



BAND17_5MHz_16QAM_23790_25RB#0



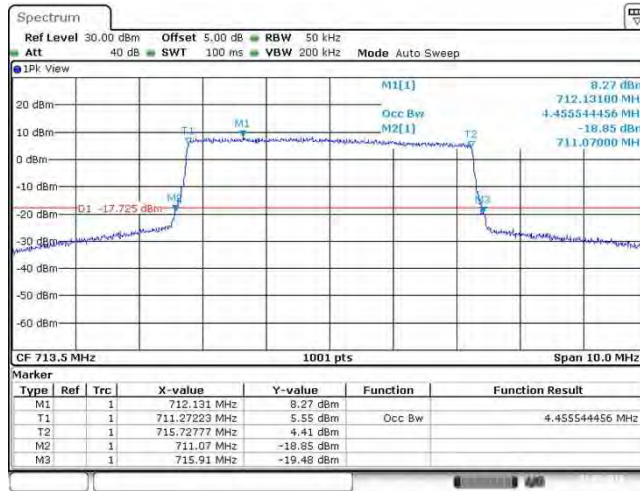
BAND17_5MHz_16QAM_23825_25RB#0



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

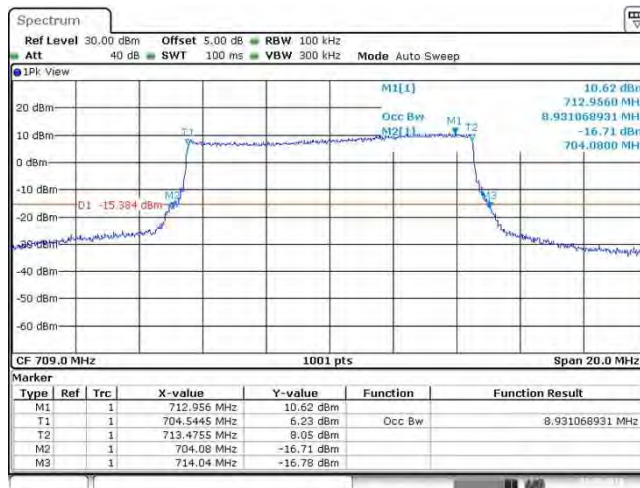
Report No.: SZEM180500437001

Page: 18 of 41



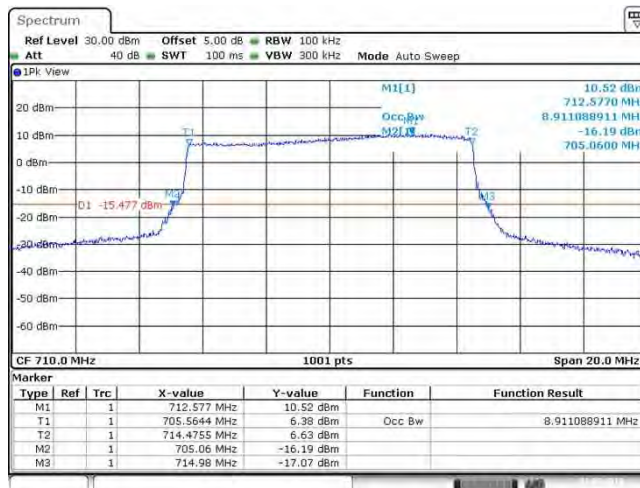
Date: 31 AUG 2018 16:45:52

BAND17_10MHz_QPSK_23780_50RB#0



Date: 31 AUG 2018 16:46:32

BAND17_10MHz_QPSK_23790_50RB#0



Date: 31 AUG 2018 16:47:10

BAND17_10MHz_QPSK_23800_50RB#0

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Spectrum

Ref Level 30.00 dBm Offset 5.00 dB RBW 100 kHz
 Att 40 dB SWT 100 ms VBW 300 kHz Mode Auto Sweep

1Pk View

20 dBm
 10 dBm
 0 dBm
 -10 dBm
 -20 dBm
 -30 dBm
 -40 dBm
 -50 dBm
 -60 dBm

CF 711.0 MHz 1001 pts Span 20.0 MHz

Markers:

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		712.598 MHz	10.19 dBm		
T1	1		706.5644 MHz	5.67 dBm	Occ Bw	8.891108891 MHz
T2	1		715.4555 MHz	6.57 dBm		
M2	1		706.1 MHz	-17.15 dBm		
M3	1		715.96 MHz	-16.62 dBm		

Spectrum

Ref Level 30.00 dBm Offset 5.00 dB RBW 100 kHz
 Att 40 dB SWT 100 ms VBW 300 kHz Mode Auto Sweep

1Pk View

20 dBm
 10 dBm
 0 dBm
 -10 dBm
 -20 dBm
 -30 dBm
 -40 dBm
 -50 dBm
 -60 dBm

M1[1] 8.69 dB
 713.0160 MHz
 8.931069931 MHz
 -18.41 dB
 704.0400 MHz

M2[1] -17.39 dB

M1 T2

M3

D1 -17.39 dB

CF 709.0 MHz 1001 pts Span 20.0 MHz

Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1			713.016 MHz	8.69 dBm		
T1	1			704.5445 MHz	4.49 dBm	Occ Bw	8.931069931 MHz
T2	1			713.4755 MHz	5.99 dBm		
M2	1			704.04 MHz	-18.41 dBm		
M3	1			714.02 MHz	-17.39 dBm		

Spectrum

Ref Level 30.00 dBm Offset 5.00 dB RBW 100 kHz
 Att 40 dB SWT 100 ms VBW 300 kHz Mode Auto Sweep

1Pk View

20 dBm
 10 dBm
 0 dBm
 -10 dBm
 -20 dBm
 -30 dBm
 -40 dBm
 -50 dBm
 -60 dBm

MI[1] 8.54 dB
 Occ Bw 711.9900 MHz
 MI[1] 8.911088911 MHz
 T2 -18.79 dB
 705.0600 MHz

D1 -17.462 dBm

CF 710.0 MHz 1001 pts Span 20.0 MHz

Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1			711.998 MHz	8.54 dBm		
T1	1			705.5644 MHz	4.17 dBm	Occ Bw	8.911088911 MHz
T2	1			714.4755 MHz	5.17 dBm		
M2	1			705.06 MHz	-18.79 dBm		
M3	1			715.02 MHz	-18.37 dBm		

Date: 31 AUG 2018 16:47:36

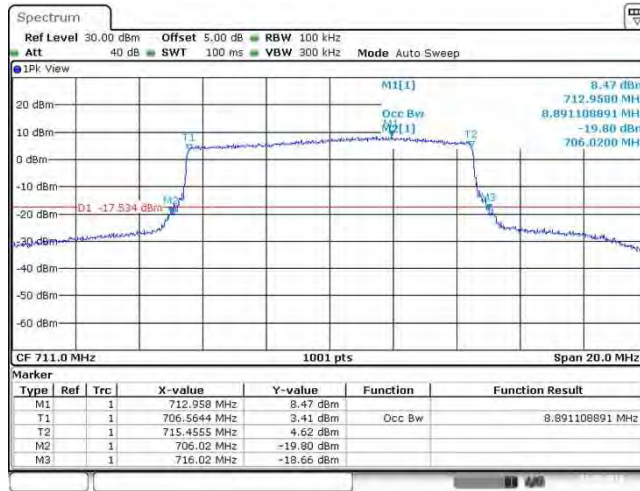
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



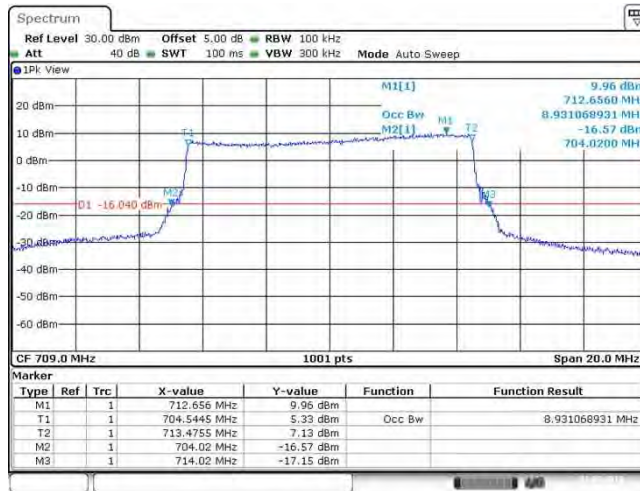
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM180500437001

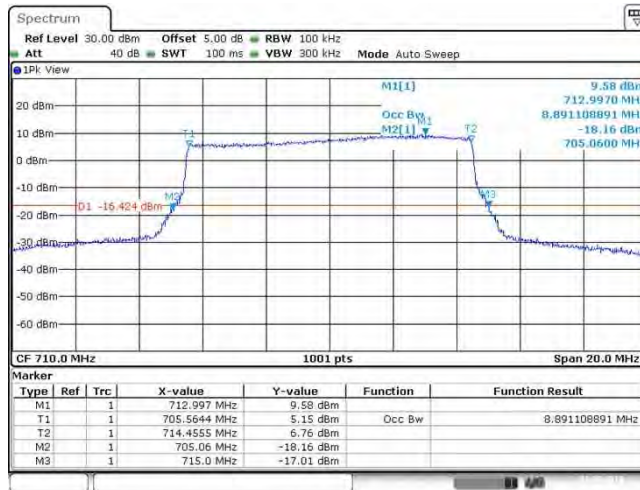
Page: 20 of 41



BAND17_10MHz_16QAM_23780_50RB#0



BAND17_10MHz_16QAM_23790_50RB#0



BAND17_10MHz_16QAM_23800_50RB#0

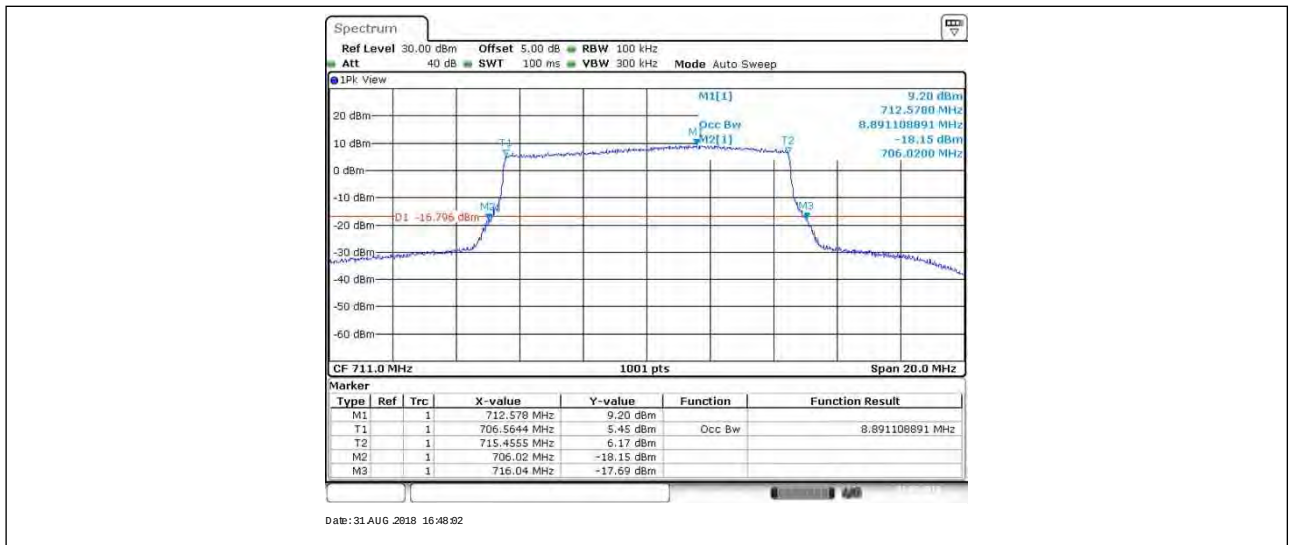
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM180500437001

Page: 21 of 41

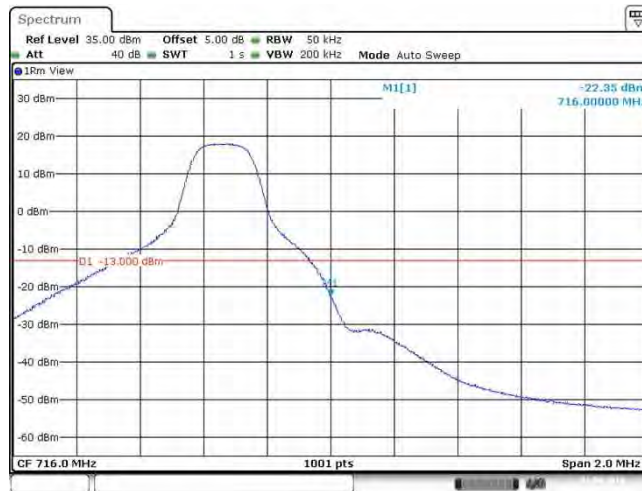




SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

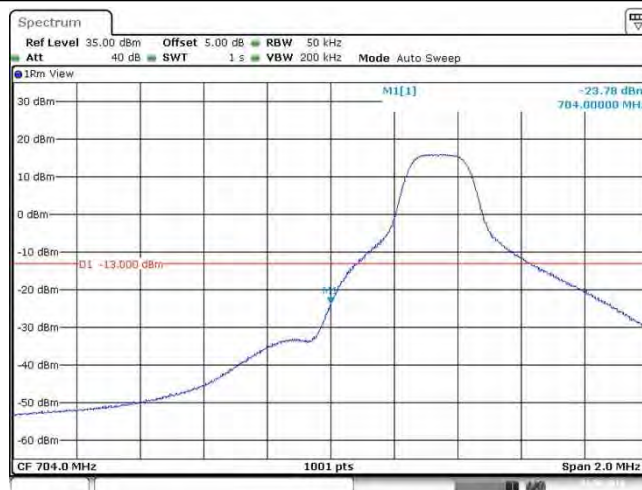
Report No.: SZEM180500437001

Page: 23 of 41



Date: 31 AUG 2018 15:59:18

BAND17_5MHz_64QAM_23755_1RB#0



Date: 31 AUG 2018 15:58:19

BAND17_5MHz_64QAM_23755_25RB#0



Date: 31 AUG 2018 15:13:55

BAND17_5MHz_64QAM_23825_1RB#24



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM180500437001

Page: 24 of 41



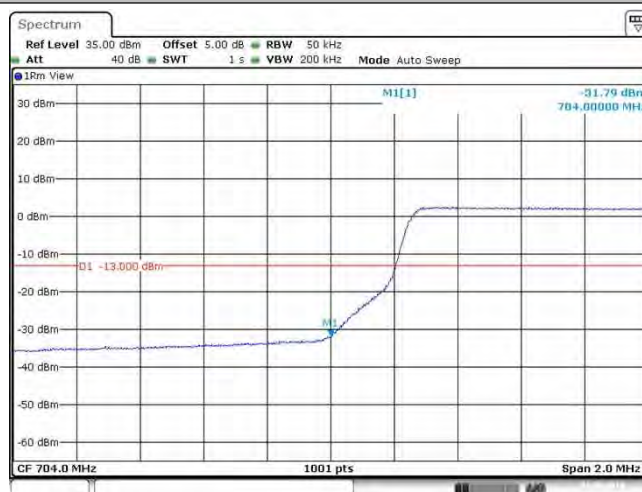
Date: 31 AUG 2018 15:18:42

BAND17_5MHz_16QAM_23755_1RB#0



Date: 31 AUG 2018 15:07:33

BAND17_5MHz_16QAM_23755_25RB#0



Date: 31 AUG 2018 15:12:20

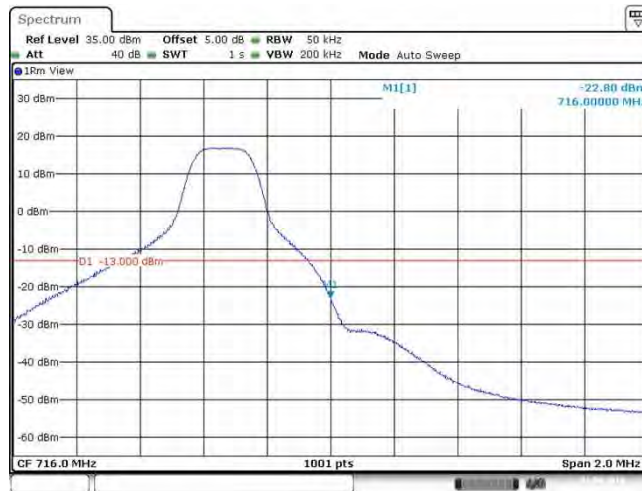
BAND17_5MHz_16QAM_23825_1RB#24



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

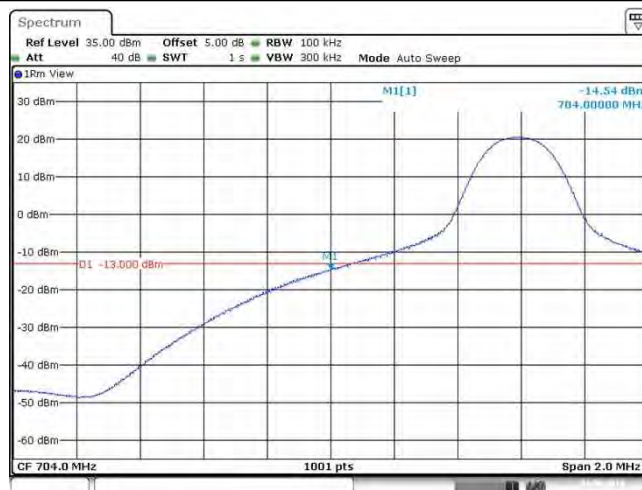
Report No.: SZEM180500437001

Page: 25 of 41



Date: 31 AUG 2018 15:59:56

BAND17_10MHz_QPSK_23780_1RB#0



Date: 31 AUG 2018 16:11:45

BAND17_10MHz_QPSK_23780_50RB#0



Date: 31 AUG 2018 16:16:38

BAND17_10MHz_QPSK_23800_1RB#49



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

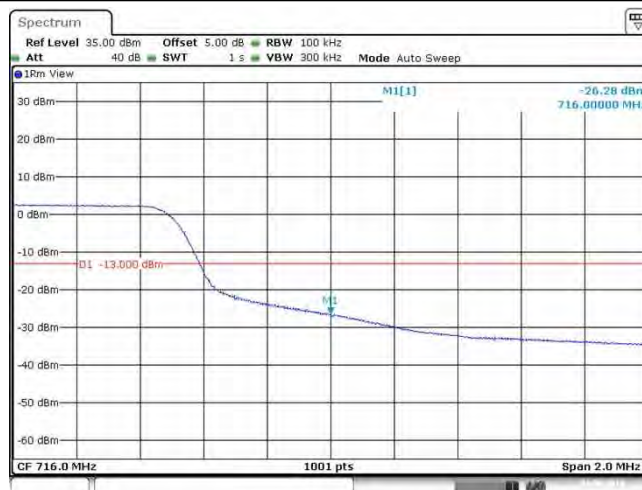
Report No.: SZEM180500437001

Page: 26 of 41



Date: 31 AUG 2018 16:14:88

BAND17_10MHz_QPSK_23800_50RB#0



Date: 31 AUG 2018 16:18:48

BAND17_10MHz_64QAM_23780_1RB#0



Date: 31 AUG 2018 16:13:17

BAND17_10MHz_64QAM_23780_50RB#0

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

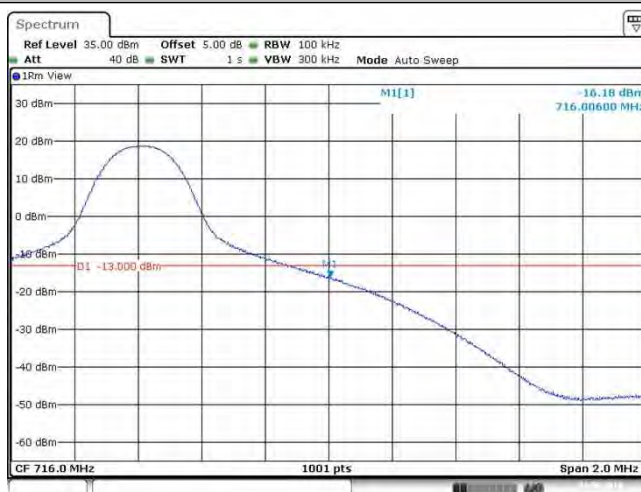
Report No.: SZEM180500437001

Page: 27 of 41



Date: 31 AUG 2018 16:18:02

BAND17_10MHz_64QAM_23800_1RB#49



Date: 31 AUG 2018 16:15:39

BAND17_10MHz_64QAM_23800_50RB#0



Date: 31 AUG 2018 16:20:19

BAND17_10MHz_16QAM_23780_1RB#0

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM180500437001

Page: 28 of 41



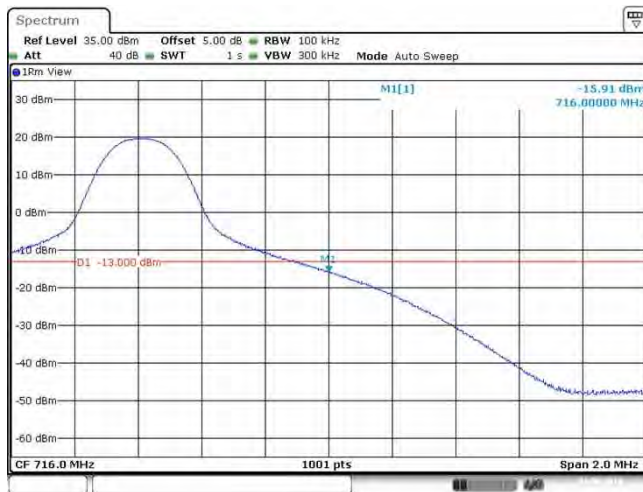
Date: 31 AUG 2018 16:12:31

BAND17_10MHz_16QAM_23780_50RB#0



Date: 31 AUG 2018 16:17:16

BAND17_10MHz_16QAM_23800_1RB#49



Date: 31 AUG 2018 16:14:53

BAND17_10MHz_16QAM_23800_50RB#0



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM180500437001

Page: 29 of 41



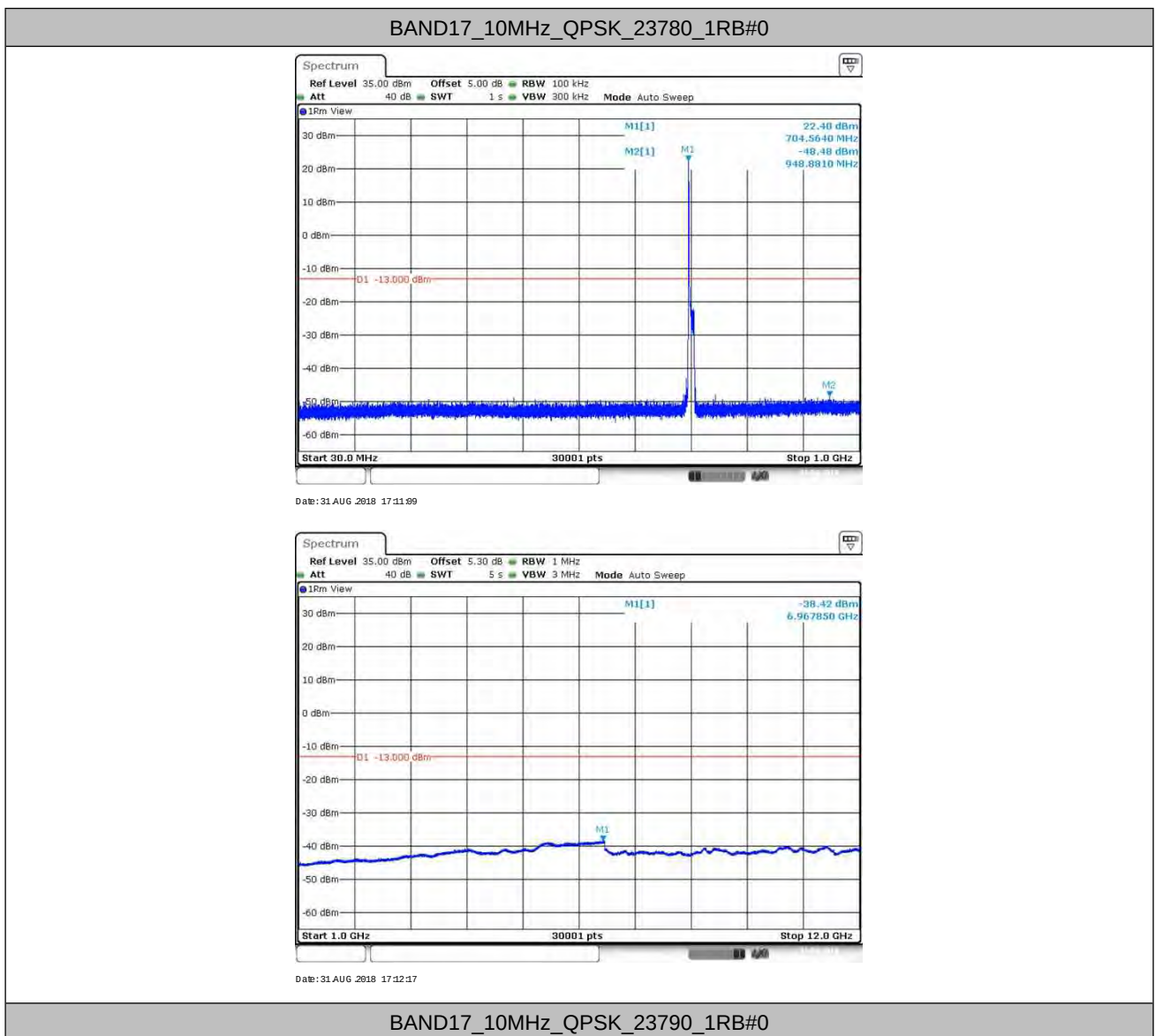


6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

6.1. Test Plots

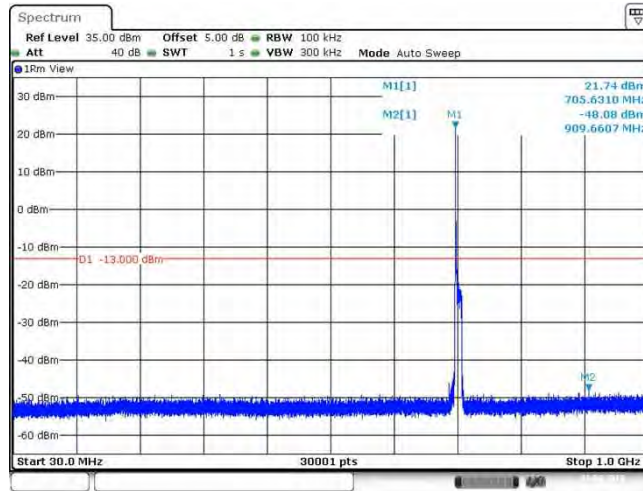




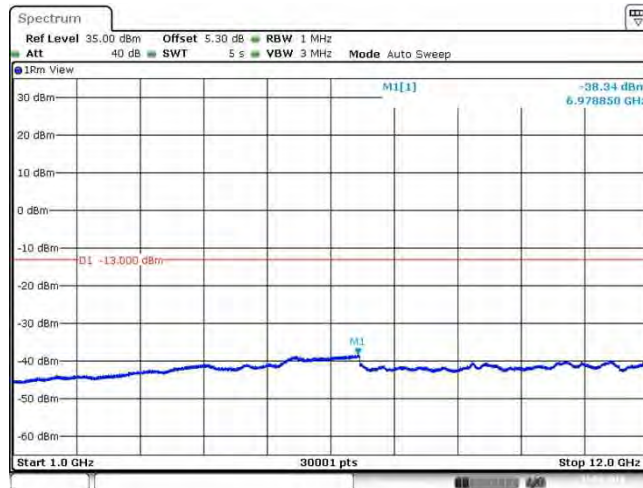
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM180500437001

Page: 31 of 41

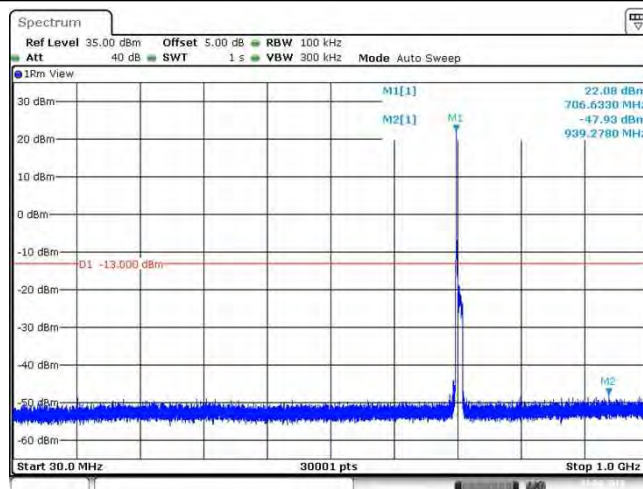


Date: 31 AUG 2018 17:15:31



Date: 31 AUG 2018 17:16:39

BAND17_10MHz_QPSK_23800_1RB#0



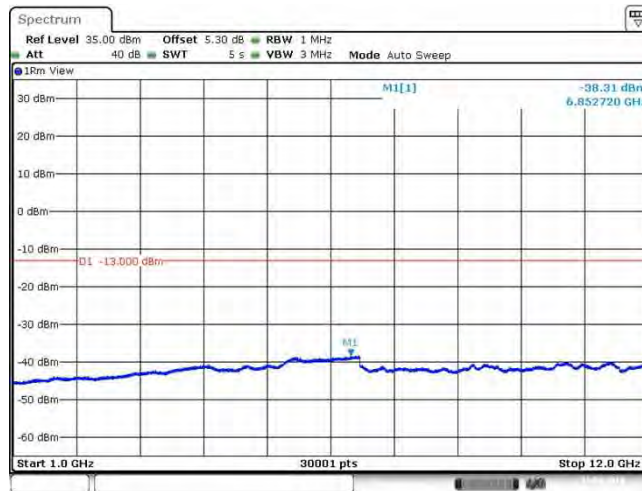
Date: 31 AUG 2018 17:19:52



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

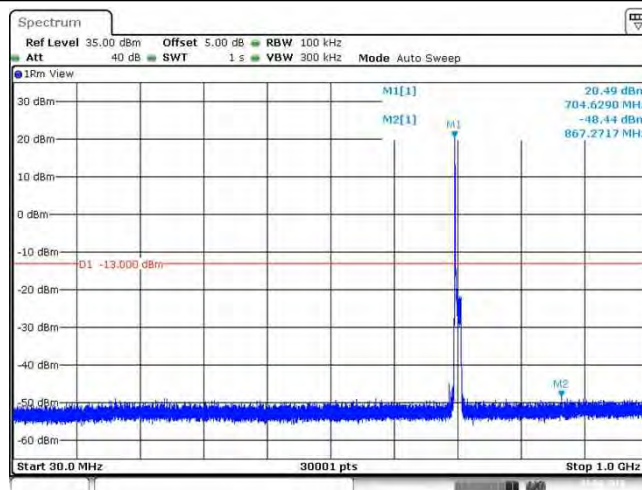
Report No.: SZEM180500437001

Page: 32 of 41

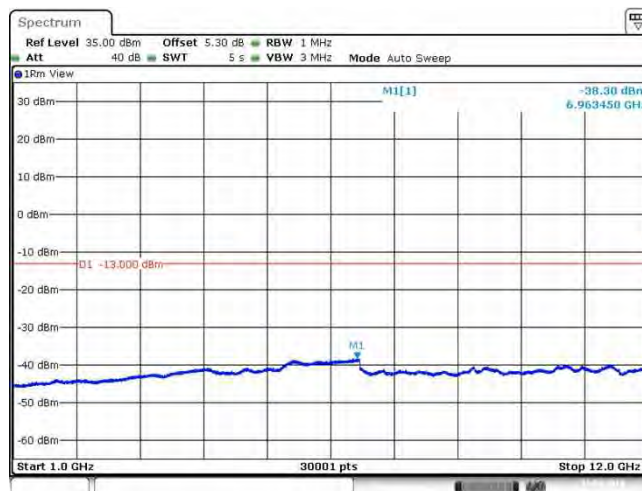


Date: 31 AUG 2018 17:28:59

BAND17_10MHz_64QAM_23780_1RB#0



Date: 31 AUG 2018 17:14:83



Date: 31 AUG 2018 17:15:11

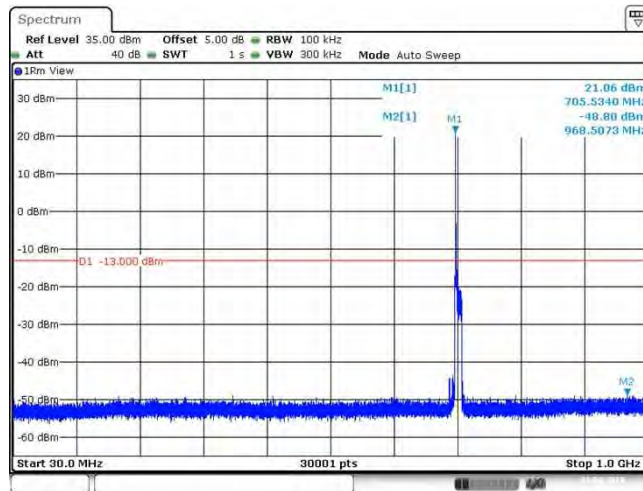
BAND17_10MHz_64QAM_23790_1RB#0



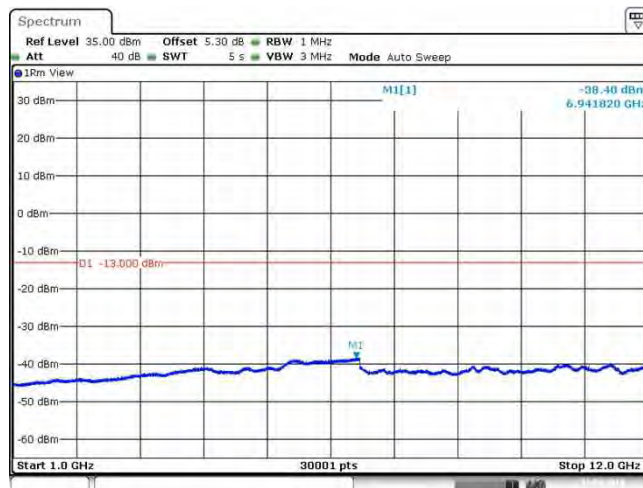
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM180500437001

Page: 33 of 41

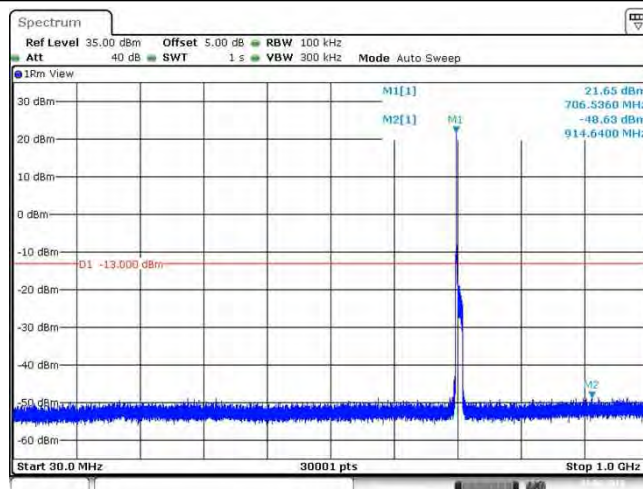


Date: 31 AUG 2018 17:18:25



Date: 31 AUG 2018 17:19:32

BAND17_10MHz_64QAM_23800_1RB#0



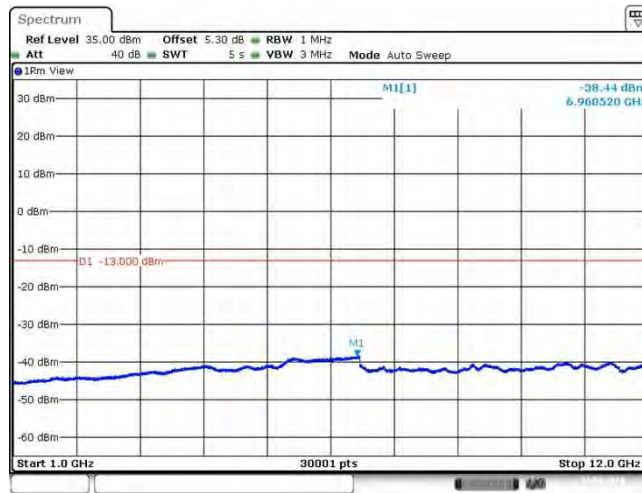
Date: 31 AUG 2018 17:22:45



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

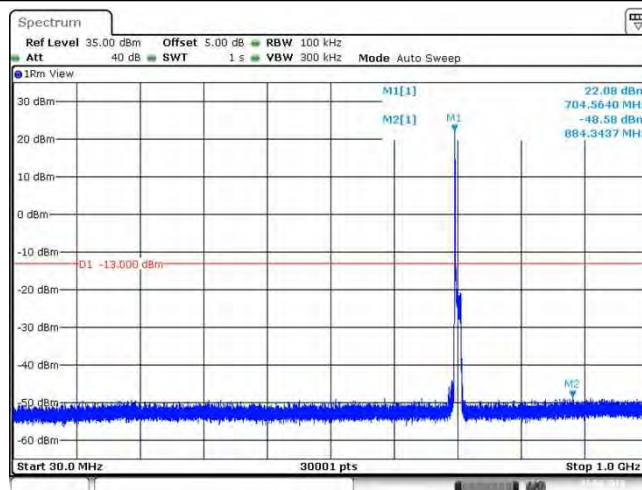
Report No.: SZEM180500437001

Page: 34 of 41

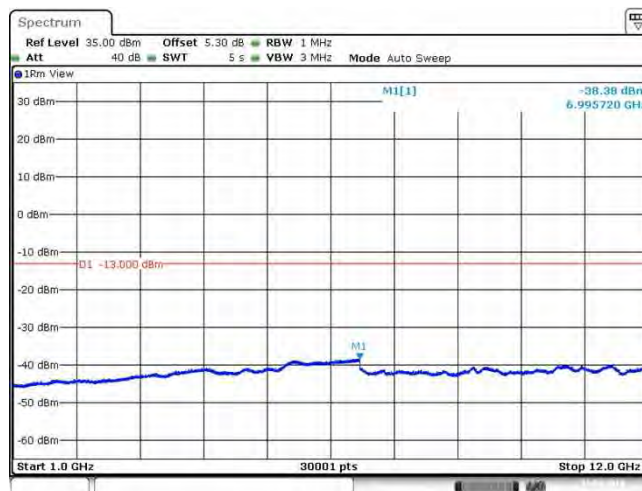


Date: 31 AUG 2018 17:23:53

BAND17_10MHz_16QAM_23780_1RB#0



Date: 31 AUG 2018 17:12:36



Date: 31 AUG 2018 17:13:44

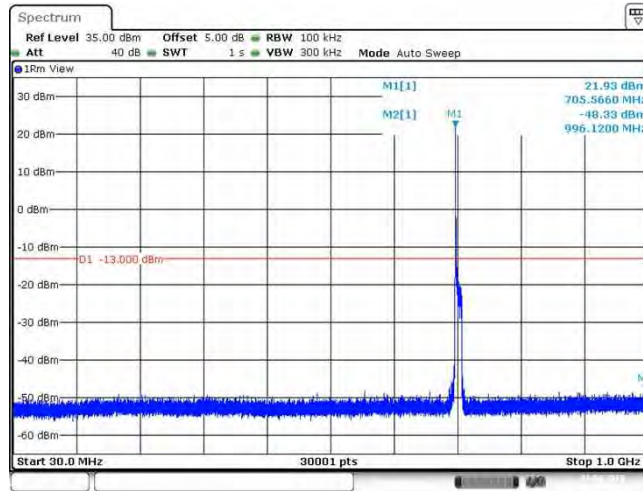
BAND17_10MHz_16QAM_23790_1RB#0



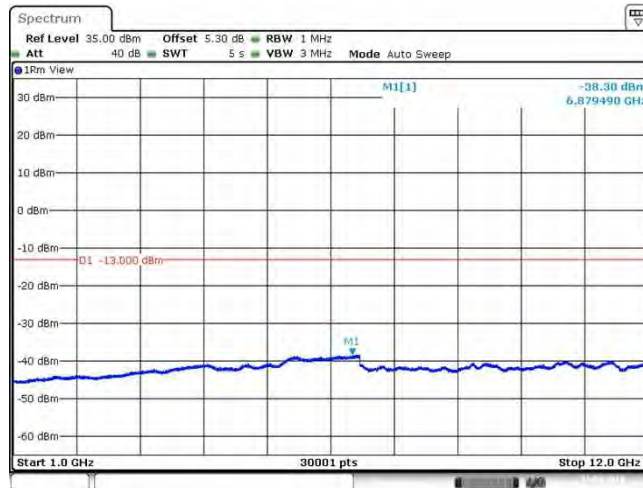
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM180500437001

Page: 35 of 41

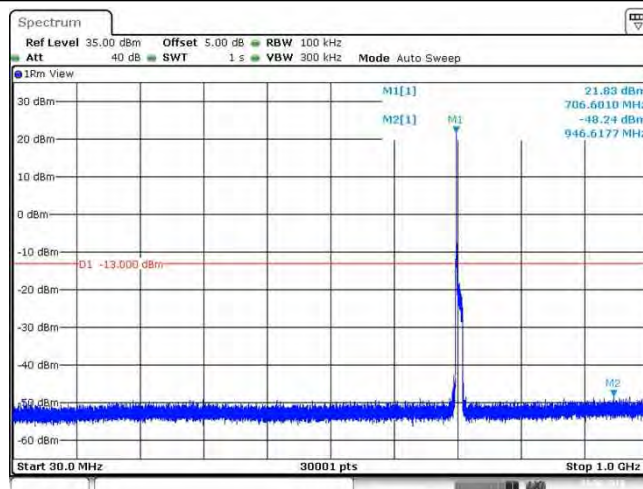


Date: 31 AUG 2018 17:16:58



Date: 31 AUG 2018 17:18:06

BAND17_10MHz_16QAM_23800_1RB#0



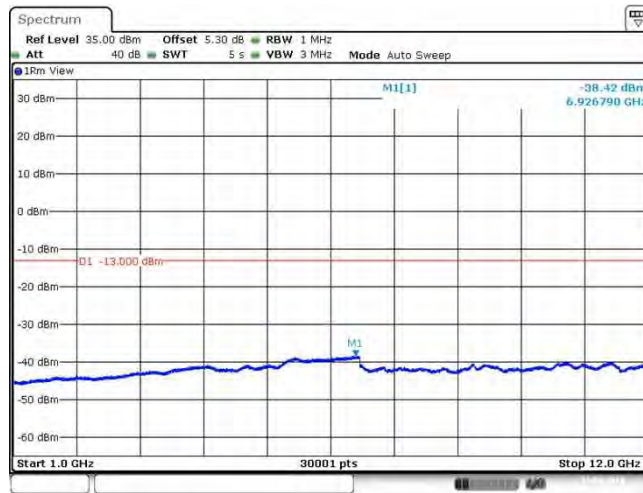
Date: 31 AUG 2018 17:21:19



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM180500437001

Page: 36 of 41



Date: 31 AUG 2018 17:22:26



7. Field Strength of Spurious Radiation

7.1. Test BAND = LTE BAND 17

7.1.1. Test Mode =LTE/TM1 10MHz

7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.393333	-79.53	-13.00	66.53	Vertical
533.279167	-78.72	-13.00	65.72	Vertical
1409.000000	-65.24	-13.00	52.24	Vertical
4298.700000	-66.88	-13.00	53.88	Vertical
6059.062500	-65.09	-13.00	52.09	Vertical
9248.775000	-63.47	-13.00	50.47	Vertical
63.786667	-76.57	-13.00	63.57	Horizontal
553.950000	-76.62	-13.00	63.62	Horizontal
1409.500000	-66.81	-13.00	53.81	Horizontal
2682.000000	-57.79	-13.00	44.79	Horizontal
4314.787500	-66.70	-13.00	53.70	Horizontal
7933.987500	-63.74	-13.00	50.74	Horizontal

7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
62.293333	-73.87	-13.00	60.87	Vertical
344.253333	-65.62	-13.00	52.62	Vertical
1411.000000	-65.01	-13.00	52.01	Vertical
2651.500000	-57.76	-13.00	44.76	Vertical
4276.275000	-66.95	-13.00	53.95	Vertical
7934.962500	-63.71	-13.00	50.71	Vertical
62.433333	-78.00	-13.00	65.00	Horizontal
438.986667	-67.38	-13.00	54.38	Horizontal
1411.000000	-66.59	-13.00	53.59	Horizontal
2710.500000	-57.76	-13.00	44.76	Horizontal



4295.775000	-66.63	-13.00	53.63	Horizontal
7964.212500	-63.49	-13.00	50.49	Horizontal

7.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.346667	-81.78	-13.00	68.78	Vertical
589.562500	-76.91	-13.00	63.91	Vertical
1413.000000	-65.26	-13.00	52.26	Vertical
4272.862500	-66.93	-13.00	53.93	Vertical
6041.512500	-65.08	-13.00	52.08	Vertical
7934.962500	-63.68	-13.00	50.68	Vertical
62.620000	-77.67	-13.00	64.67	Horizontal
486.895833	-66.35	-13.00	53.35	Horizontal
978.641667	-60.86	-13.00	47.86	Horizontal
1413.000000	-65.97	-13.00	52.97	Horizontal
5078.700000	-66.43	-13.00	53.43	Horizontal
7863.300000	-63.62	-13.00	50.62	Horizontal

Remark:

- 1) The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.
- 2) We have tested all modulation and all Bandwidth , but only the worst case data presented in this report.



8. Frequency Stability

8.1. Frequency Vs Voltage

Voltage										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
BAND17	10MHz	QPSK	23780	50RB#0	VL	NT	1.90	0.002680	±2.5	PASS
BAND17	10MHz	QPSK	23780	50RB#0	VN	NT	3.20	0.004513	±2.5	PASS
BAND17	10MHz	QPSK	23780	50RB#0	VH	NT	3.40	0.004795	±2.5	PASS
BAND17	10MHz	QPSK	23790	50RB#0	VL	NT	1.30	0.001831	±2.5	PASS
BAND17	10MHz	QPSK	23790	50RB#0	VN	NT	0.50	0.000704	±2.5	PASS
BAND17	10MHz	QPSK	23790	50RB#0	VH	NT	0.30	0.000423	±2.5	PASS
BAND17	10MHz	QPSK	23800	50RB#0	VL	NT	2.30	0.003235	±2.5	PASS
BAND17	10MHz	QPSK	23800	50RB#0	VN	NT	2.40	0.003376	±2.5	PASS
BAND17	10MHz	QPSK	23800	50RB#0	VH	NT	3.80	0.005345	±2.5	PASS
BAND17	10MHz	64QAM	23780	50RB#0	VL	NT	2.90	0.004090	±2.5	PASS
BAND17	10MHz	64QAM	23780	50RB#0	VN	NT	1.10	0.001551	±2.5	PASS
BAND17	10MHz	64QAM	23780	50RB#0	VH	NT	2.20	0.003103	±2.5	PASS
BAND17	10MHz	64QAM	23790	50RB#0	VL	NT	3.80	0.005352	±2.5	PASS
BAND17	10MHz	64QAM	23790	50RB#0	VN	NT	0.70	0.000986	±2.5	PASS
BAND17	10MHz	64QAM	23790	50RB#0	VH	NT	2.80	0.003944	±2.5	PASS
BAND17	10MHz	64QAM	23800	50RB#0	VL	NT	2.60	0.003657	±2.5	PASS
BAND17	10MHz	64QAM	23800	50RB#0	VN	NT	3.70	0.005204	±2.5	PASS
BAND17	10MHz	64QAM	23800	50RB#0	VH	NT	1.50	0.002110	±2.5	PASS
BAND17	10MHz	16QAM	23780	50RB#0	VL	NT	1.70	0.002398	±2.5	PASS
BAND17	10MHz	16QAM	23780	50RB#0	VN	NT	4.30	0.006065	±2.5	PASS
BAND17	10MHz	16QAM	23780	50RB#0	VH	NT	0.80	0.001128	±2.5	PASS
BAND17	10MHz	16QAM	23790	50RB#0	VL	NT	1.30	0.001831	±2.5	PASS
BAND17	10MHz	16QAM	23790	50RB#0	VN	NT	4.60	0.006479	±2.5	PASS
BAND17	10MHz	16QAM	23790	50RB#0	VH	NT	2.90	0.004085	±2.5	PASS
BAND17	10MHz	16QAM	23800	50RB#0	VL	NT	1.20	0.001688	±2.5	PASS
BAND17	10MHz	16QAM	23800	50RB#0	VN	NT	2.90	0.004079	±2.5	PASS
BAND17	10MHz	16QAM	23800	50RB#0	VH	NT	3.60	0.005063	±2.5	PASS

8.2. Frequency Vs Temperature

Temperature										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
BAND17	10MHz	QPSK	23780	50RB#0	NV	-30	2.50	0.003526	±2.5	PASS
BAND17	10MHz	QPSK	23780	50RB#0	NV	-20	0.40	0.000564	±2.5	PASS
BAND17	10MHz	QPSK	23780	50RB#0	NV	-10	1.90	0.002680	±2.5	PASS
BAND17	10MHz	QPSK	23780	50RB#0	NV	0	2.70	0.003808	±2.5	PASS
BAND17	10MHz	QPSK	23780	50RB#0	NV	10	2.80	0.003949	±2.5	PASS
BAND17	10MHz	QPSK	23780	50RB#0	NV	20	2.10	0.002962	±2.5	PASS
BAND17	10MHz	QPSK	23780	50RB#0	NV	30	2.30	0.003244	±2.5	PASS
BAND17	10MHz	QPSK	23780	50RB#0	NV	40	2.10	0.002962	±2.5	PASS
BAND17	10MHz	QPSK	23780	50RB#0	NV	50	2.10	0.002962	±2.5	PASS

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM180500437001

Page: 40 of 41

BAND17	10MHz	QPSK	23790	50RB#0	NV	-30	2.30	0.003239	±2.5	PASS
BAND17	10MHz	QPSK	23790	50RB#0	NV	-20	1.80	0.002535	±2.5	PASS
BAND17	10MHz	QPSK	23790	50RB#0	NV	-10	0.70	0.000986	±2.5	PASS
BAND17	10MHz	QPSK	23790	50RB#0	NV	0	0.40	0.000563	±2.5	PASS
BAND17	10MHz	QPSK	23790	50RB#0	NV	10	3.90	0.005493	±2.5	PASS
BAND17	10MHz	QPSK	23790	50RB#0	NV	20	1.70	0.002394	±2.5	PASS
BAND17	10MHz	QPSK	23790	50RB#0	NV	30	1.00	0.001408	±2.5	PASS
BAND17	10MHz	QPSK	23790	50RB#0	NV	40	2.30	0.003239	±2.5	PASS
BAND17	10MHz	QPSK	23790	50RB#0	NV	50	1.70	0.002394	±2.5	PASS
BAND17	10MHz	QPSK	23800	50RB#0	NV	-30	3.30	0.004641	±2.5	PASS
BAND17	10MHz	QPSK	23800	50RB#0	NV	-20	2.80	0.003938	±2.5	PASS
BAND17	10MHz	QPSK	23800	50RB#0	NV	-10	1.30	0.001828	±2.5	PASS
BAND17	10MHz	QPSK	23800	50RB#0	NV	0	1.70	0.002391	±2.5	PASS
BAND17	10MHz	QPSK	23800	50RB#0	NV	10	2.50	0.003516	±2.5	PASS
BAND17	10MHz	QPSK	23800	50RB#0	NV	20	3.10	0.004360	±2.5	PASS
BAND17	10MHz	QPSK	23800	50RB#0	NV	30	2.00	0.002813	±2.5	PASS
BAND17	10MHz	QPSK	23800	50RB#0	NV	40	2.20	0.003094	±2.5	PASS
BAND17	10MHz	QPSK	23800	50RB#0	NV	50	2.40	0.003376	±2.5	PASS
BAND17	10MHz	64QAM	23780	50RB#0	NV	-30	1.60	0.002257	±2.5	PASS
BAND17	10MHz	64QAM	23780	50RB#0	NV	-20	2.40	0.003385	±2.5	PASS
BAND17	10MHz	64QAM	23780	50RB#0	NV	-10	0.40	0.000564	±2.5	PASS
BAND17	10MHz	64QAM	23780	50RB#0	NV	0	1.60	0.002257	±2.5	PASS
BAND17	10MHz	64QAM	23780	50RB#0	NV	10	1.20	0.001693	±2.5	PASS
BAND17	10MHz	64QAM	23780	50RB#0	NV	20	3.10	0.004372	±2.5	PASS
BAND17	10MHz	64QAM	23780	50RB#0	NV	30	2.50	0.003526	±2.5	PASS
BAND17	10MHz	64QAM	23780	50RB#0	NV	40	3.10	0.004372	±2.5	PASS
BAND17	10MHz	64QAM	23780	50RB#0	NV	50	1.20	0.001693	±2.5	PASS
BAND17	10MHz	64QAM	23790	50RB#0	NV	-30	3.10	0.004366	±2.5	PASS
BAND17	10MHz	64QAM	23790	50RB#0	NV	-20	1.30	0.001831	±2.5	PASS
BAND17	10MHz	64QAM	23790	50RB#0	NV	-10	2.20	0.003099	±2.5	PASS
BAND17	10MHz	64QAM	23790	50RB#0	NV	0	3.30	0.004648	±2.5	PASS
BAND17	10MHz	64QAM	23790	50RB#0	NV	10	1.80	0.002535	±2.5	PASS
BAND17	10MHz	64QAM	23790	50RB#0	NV	20	1.80	0.002535	±2.5	PASS
BAND17	10MHz	64QAM	23790	50RB#0	NV	30	2.00	0.002817	±2.5	PASS
BAND17	10MHz	64QAM	23790	50RB#0	NV	40	2.10	0.002958	±2.5	PASS
BAND17	10MHz	64QAM	23790	50RB#0	NV	50	3.20	0.004507	±2.5	PASS
BAND17	10MHz	64QAM	23800	50RB#0	NV	-30	-0.10	-0.000141	±2.5	PASS
BAND17	10MHz	64QAM	23800	50RB#0	NV	-20	1.90	0.002672	±2.5	PASS
BAND17	10MHz	64QAM	23800	50RB#0	NV	-10	1.60	0.002250	±2.5	PASS
BAND17	10MHz	64QAM	23800	50RB#0	NV	0	2.20	0.003094	±2.5	PASS
BAND17	10MHz	64QAM	23800	50RB#0	NV	10	2.60	0.003657	±2.5	PASS
BAND17	10MHz	64QAM	23800	50RB#0	NV	20	1.30	0.001828	±2.5	PASS
BAND17	10MHz	64QAM	23800	50RB#0	NV	30	1.90	0.002672	±2.5	PASS
BAND17	10MHz	64QAM	23800	50RB#0	NV	40	1.10	0.001547	±2.5	PASS
BAND17	10MHz	64QAM	23800	50RB#0	NV	50	3.00	0.004219	±2.5	PASS
BAND17	10MHz	16QAM	23780	50RB#0	NV	-30	1.90	0.002680	±2.5	PASS
BAND17	10MHz	16QAM	23780	50RB#0	NV	-20	3.50	0.004937	±2.5	PASS
BAND17	10MHz	16QAM	23780	50RB#0	NV	-10	3.20	0.004513	±2.5	PASS
BAND17	10MHz	16QAM	23780	50RB#0	NV	0	3.50	0.004937	±2.5	PASS



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM180500437001

Page: 41 of 41

BAND17	10MHz	16QAM	23780	50RB#0	NV	10	4.30	0.006065	±2.5	PASS
BAND17	10MHz	16QAM	23780	50RB#0	NV	20	1.30	0.001834	±2.5	PASS
BAND17	10MHz	16QAM	23780	50RB#0	NV	30	3.10	0.004372	±2.5	PASS
BAND17	10MHz	16QAM	23780	50RB#0	NV	40	1.30	0.001834	±2.5	PASS
BAND17	10MHz	16QAM	23780	50RB#0	NV	50	2.00	0.002821	±2.5	PASS
BAND17	10MHz	16QAM	23790	50RB#0	NV	-30	3.10	0.004366	±2.5	PASS
BAND17	10MHz	16QAM	23790	50RB#0	NV	-20	0.90	0.001268	±2.5	PASS
BAND17	10MHz	16QAM	23790	50RB#0	NV	-10	2.40	0.003380	±2.5	PASS
BAND17	10MHz	16QAM	23790	50RB#0	NV	0	1.30	0.001831	±2.5	PASS
BAND17	10MHz	16QAM	23790	50RB#0	NV	10	0.20	0.000282	±2.5	PASS
BAND17	10MHz	16QAM	23790	50RB#0	NV	20	1.50	0.002113	±2.5	PASS
BAND17	10MHz	16QAM	23790	50RB#0	NV	30	2.40	0.003380	±2.5	PASS
BAND17	10MHz	16QAM	23790	50RB#0	NV	40	2.60	0.003662	±2.5	PASS
BAND17	10MHz	16QAM	23790	50RB#0	NV	50	2.50	0.003521	±2.5	PASS
BAND17	10MHz	16QAM	23800	50RB#0	NV	-30	1.50	0.002110	±2.5	PASS
BAND17	10MHz	16QAM	23800	50RB#0	NV	-20	3.20	0.004501	±2.5	PASS
BAND17	10MHz	16QAM	23800	50RB#0	NV	-10	1.70	0.002391	±2.5	PASS
BAND17	10MHz	16QAM	23800	50RB#0	NV	0	1.70	0.002391	±2.5	PASS
BAND17	10MHz	16QAM	23800	50RB#0	NV	10	2.80	0.003938	±2.5	PASS
BAND17	10MHz	16QAM	23800	50RB#0	NV	20	1.30	0.001828	±2.5	PASS
BAND17	10MHz	16QAM	23800	50RB#0	NV	30	1.10	0.001547	±2.5	PASS
BAND17	10MHz	16QAM	23800	50RB#0	NV	40	1.50	0.002110	±2.5	PASS
BAND17	10MHz	16QAM	23800	50RB#0	NV	50	1.90	0.002672	±2.5	PASS

The End