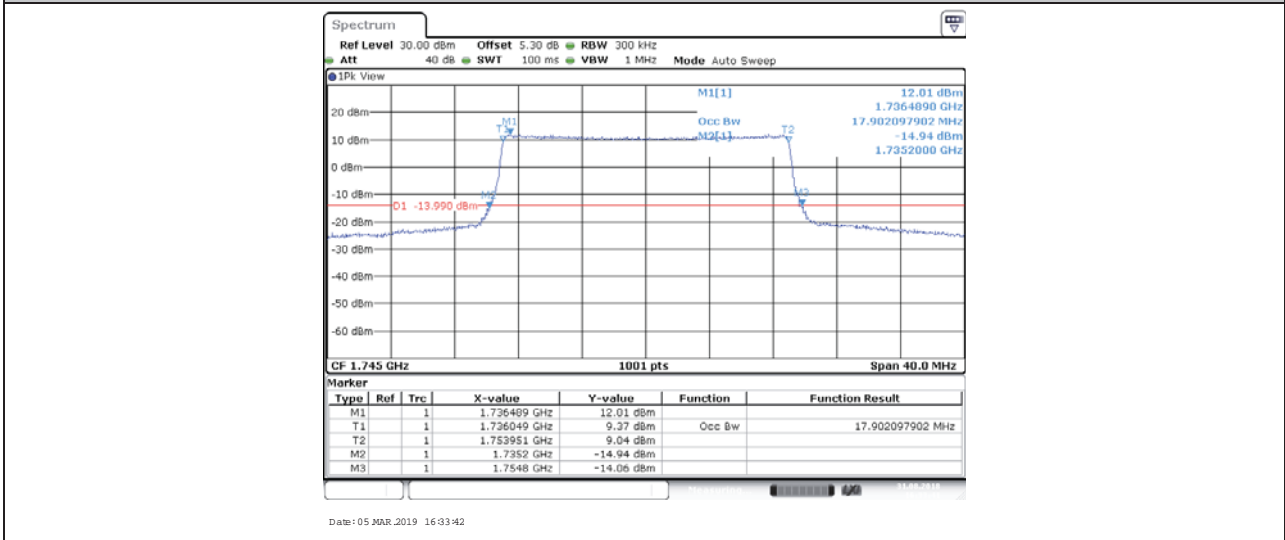


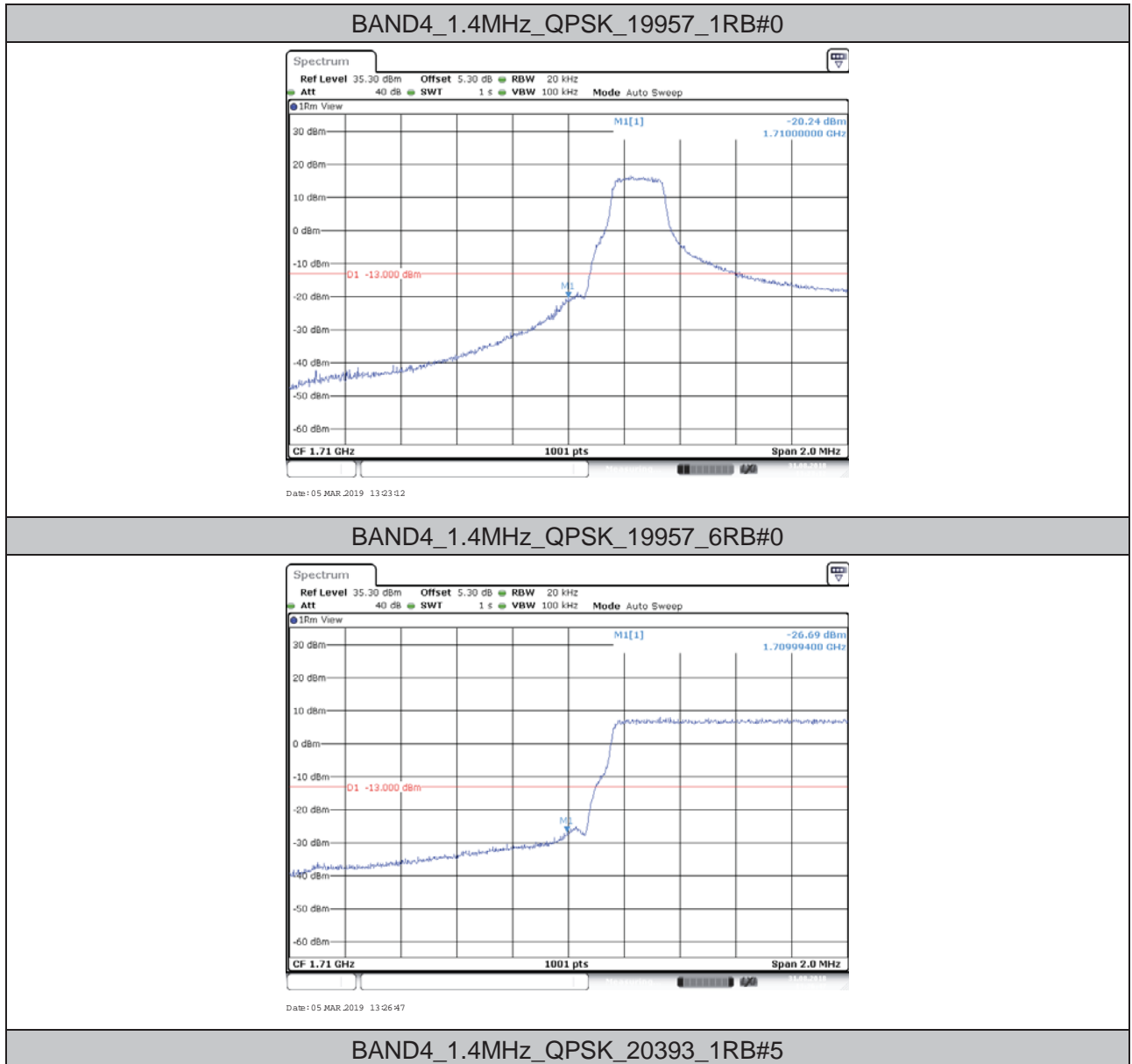
BAND4_20MHz_16QAM_20300_100RB#0

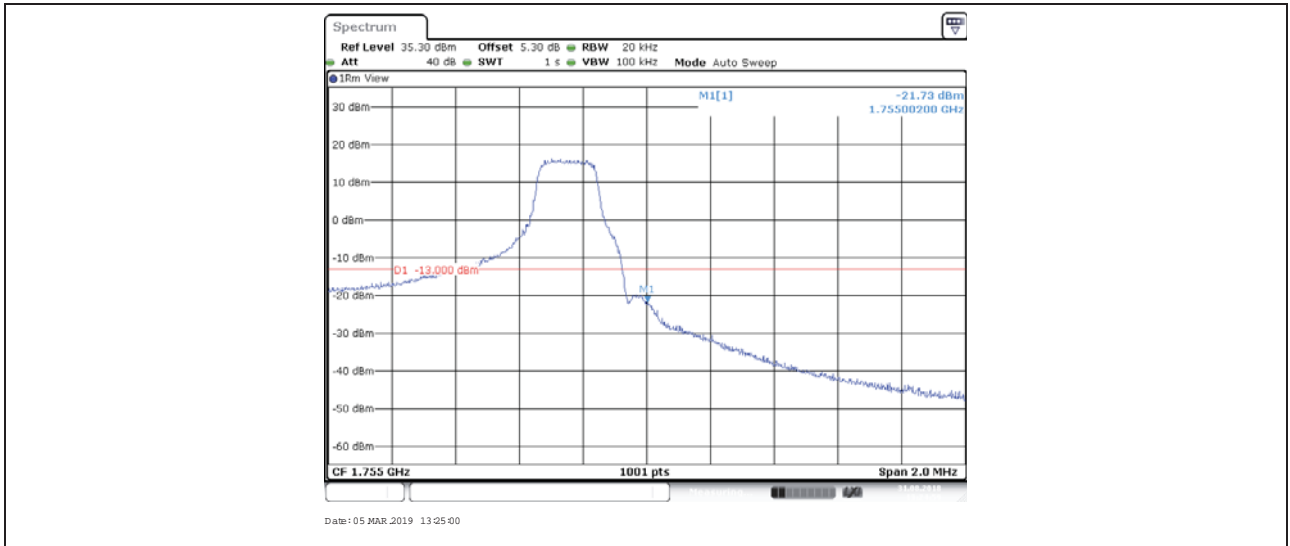


5. Band Edge Compliance

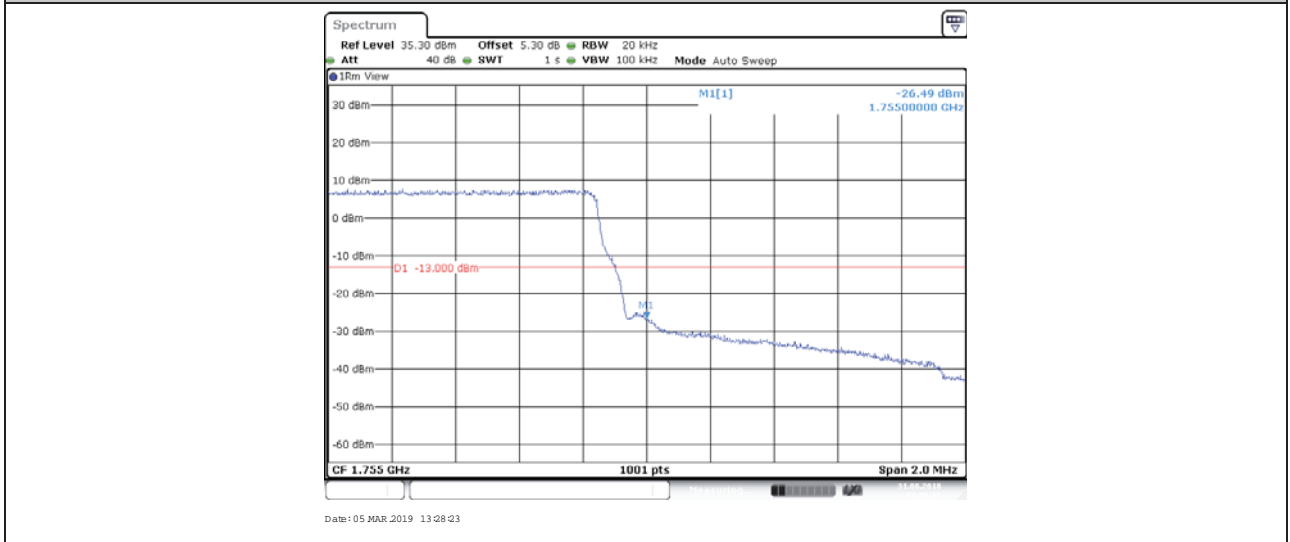
5.

5.1. Test Plots



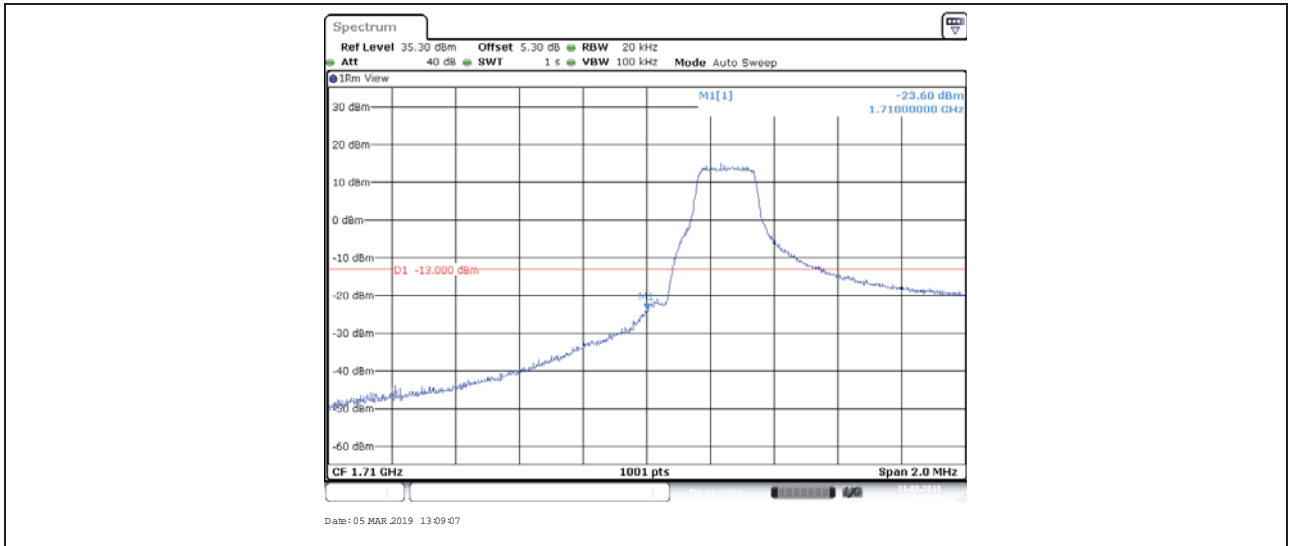


BAND4_1.4MHz_QPSK_20393_6RB#0

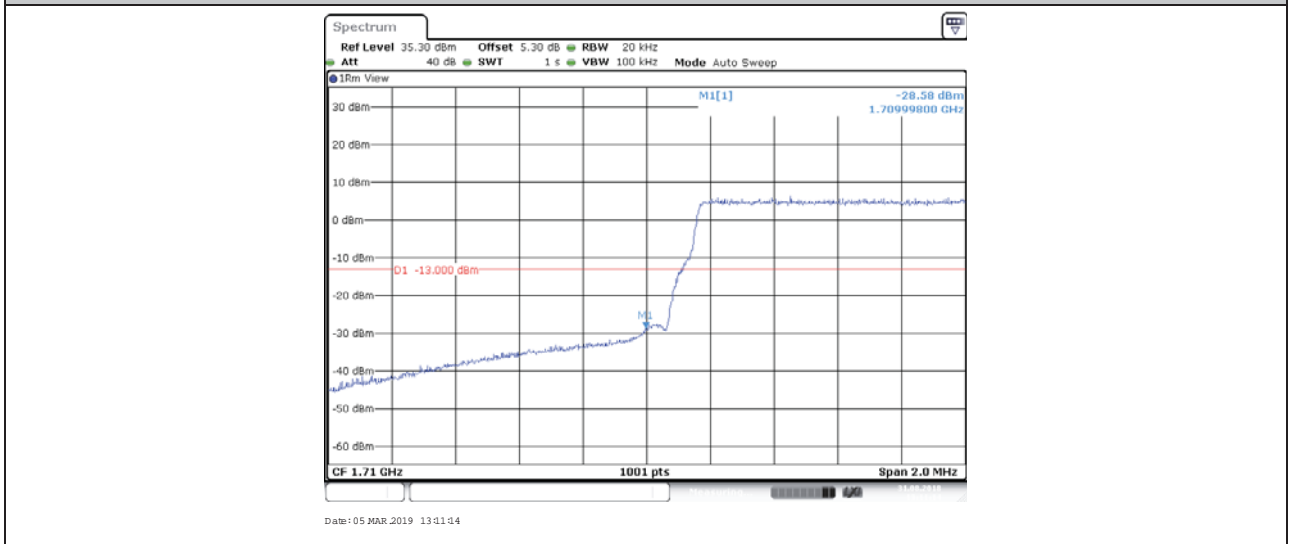


BAND4_1.4MHz_64QAM_19957_1RB#0



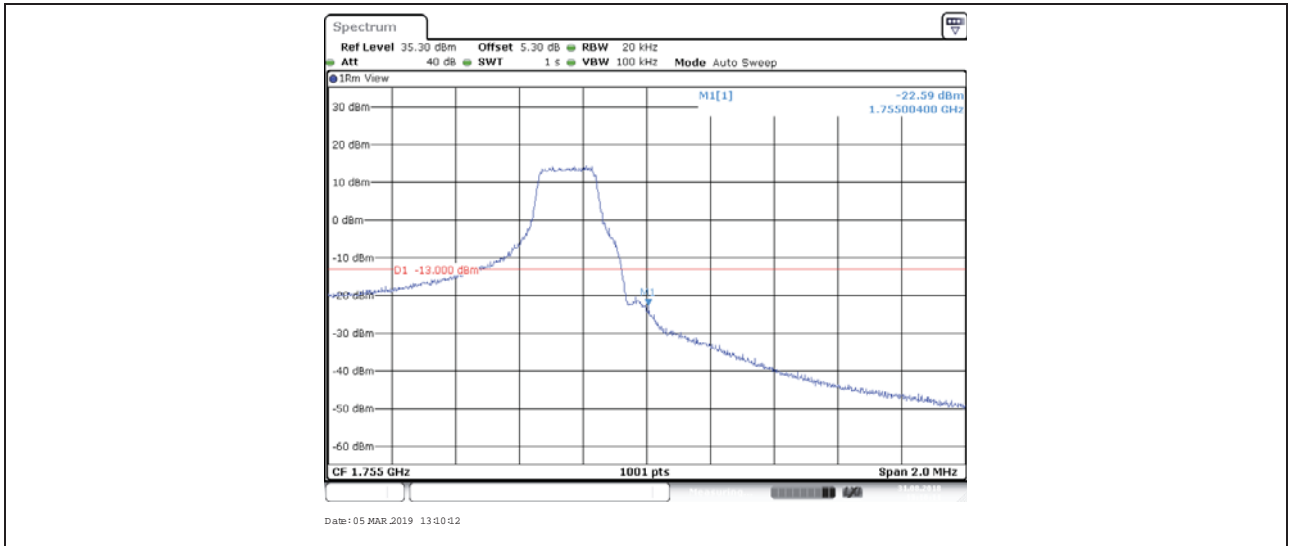


BAND4_1.4MHz_64QAM_19957_6RB#0

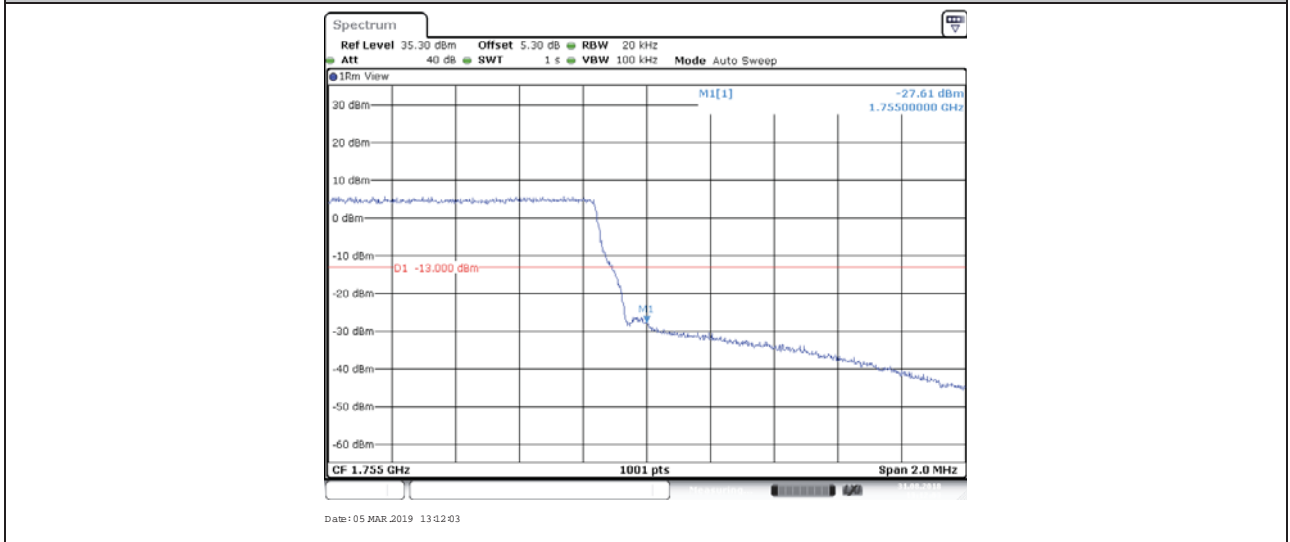


BAND4_1.4MHz_64QAM_20393_1RB#5





BAND4_1.4MHz_64QAM_20393_6RB#0



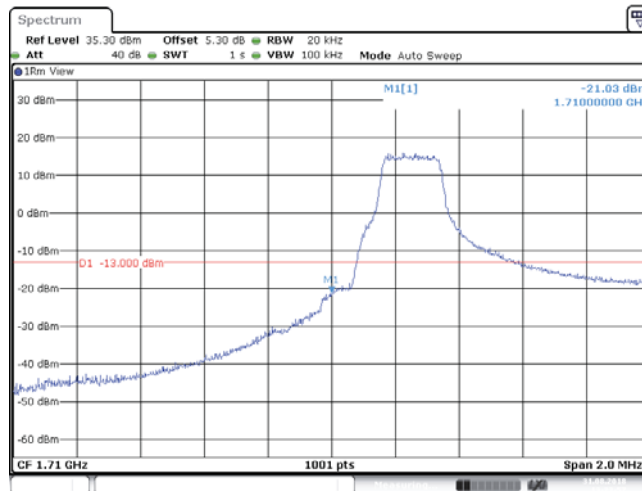
BAND4_1.4MHz_16QAM_19957_1RB#0



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

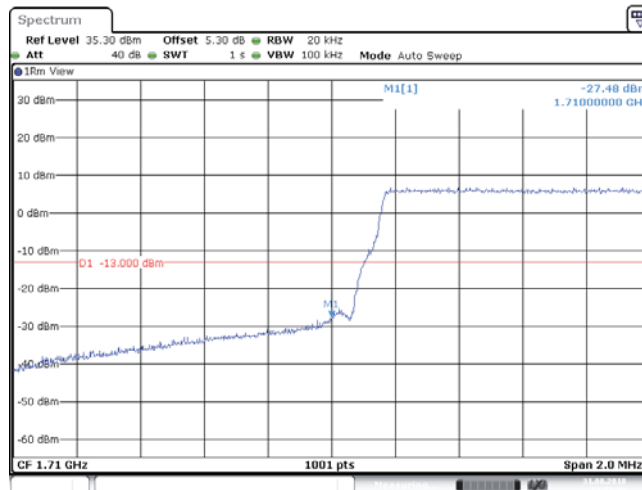
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Date: 05 MAR 2019 13:23:58

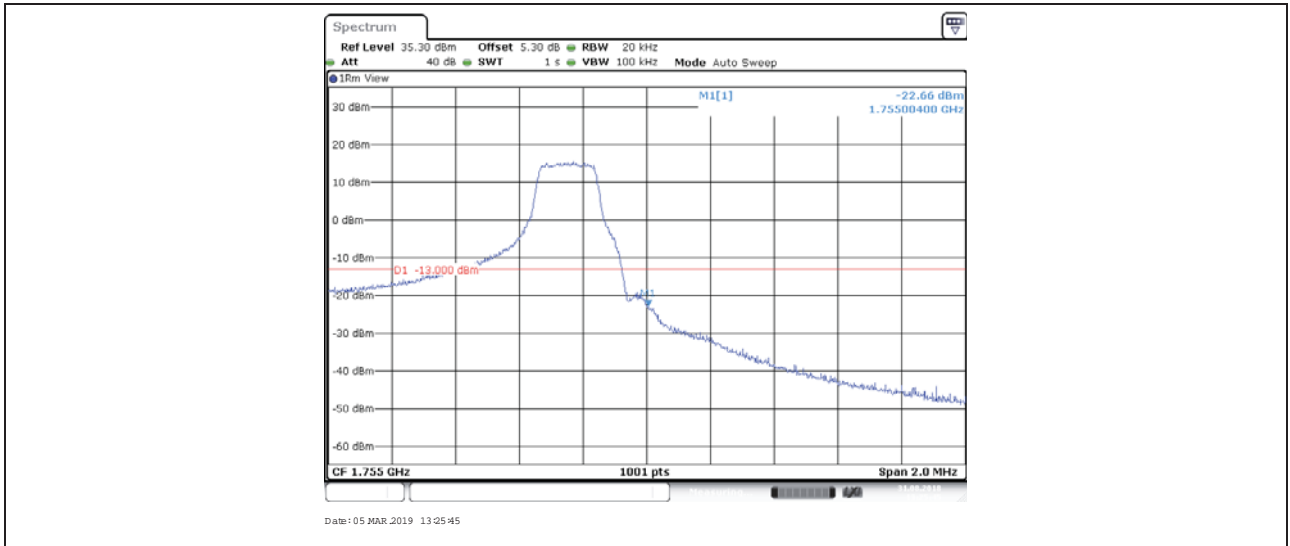
BAND4_1.4MHz_16QAM_19957_6RB#0



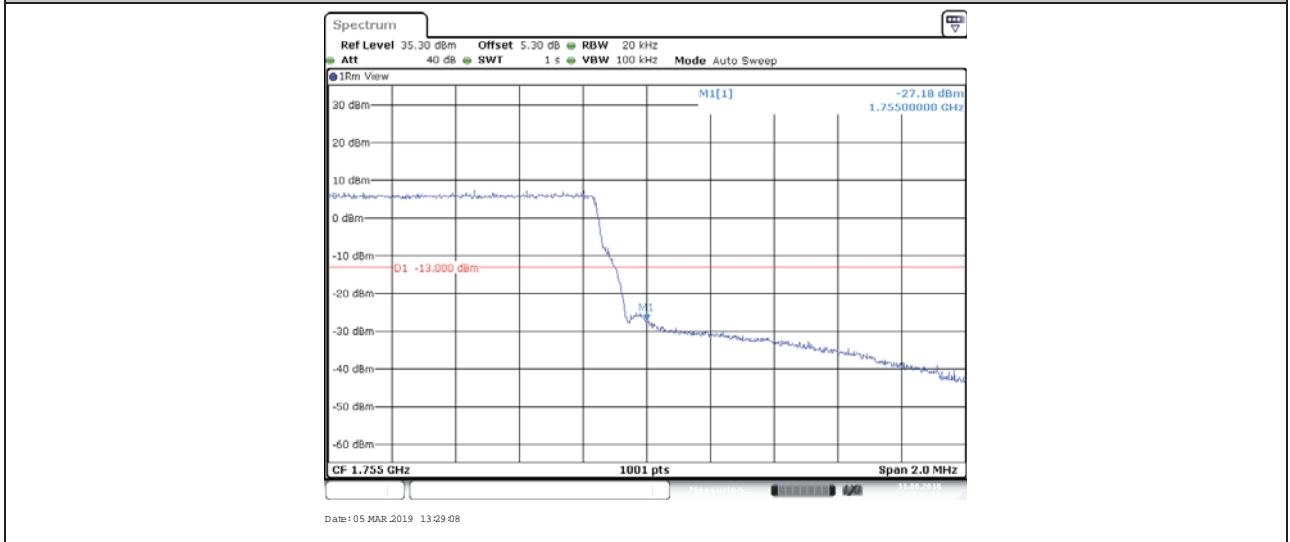
Date: 05 MAR 2019 13:27:33

BAND4_1.4MHz_16QAM_20393_1RB#5



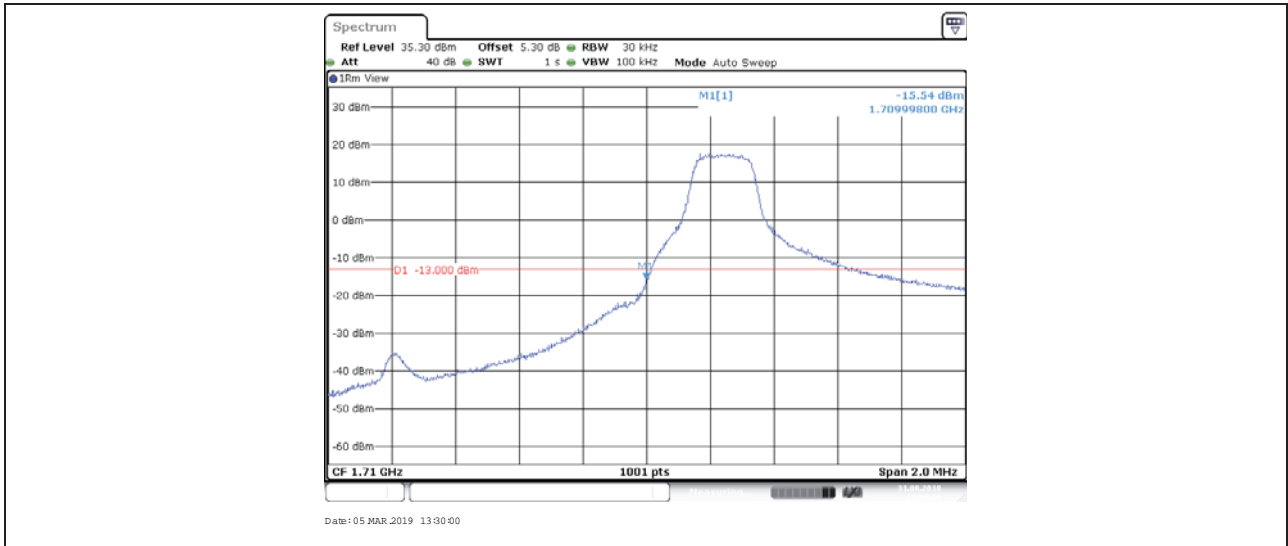


BAND4_1.4MHz_16QAM_20393_6RB#0

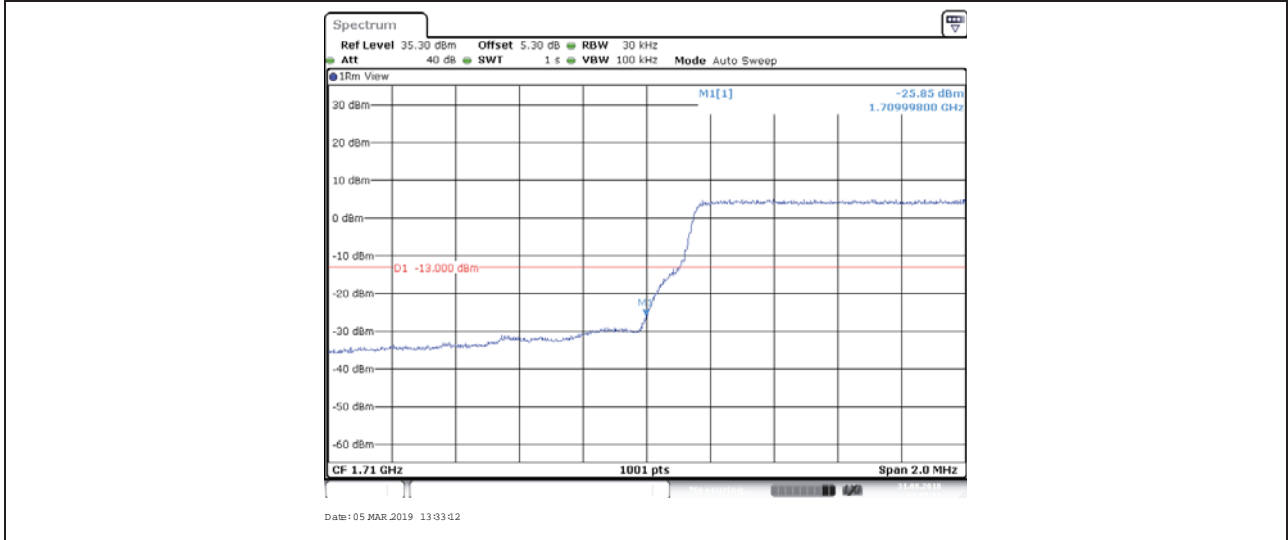


BAND4_3MHz_QPSK_19965_1RB#0



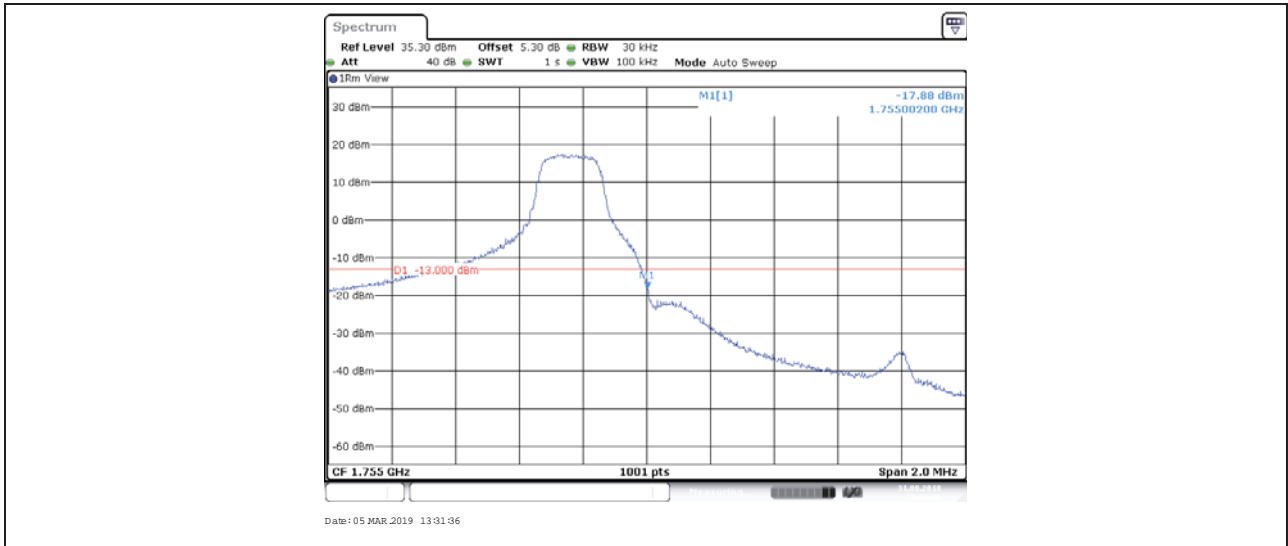


BAND4_3MHz_QPSK_19965_15RB#0

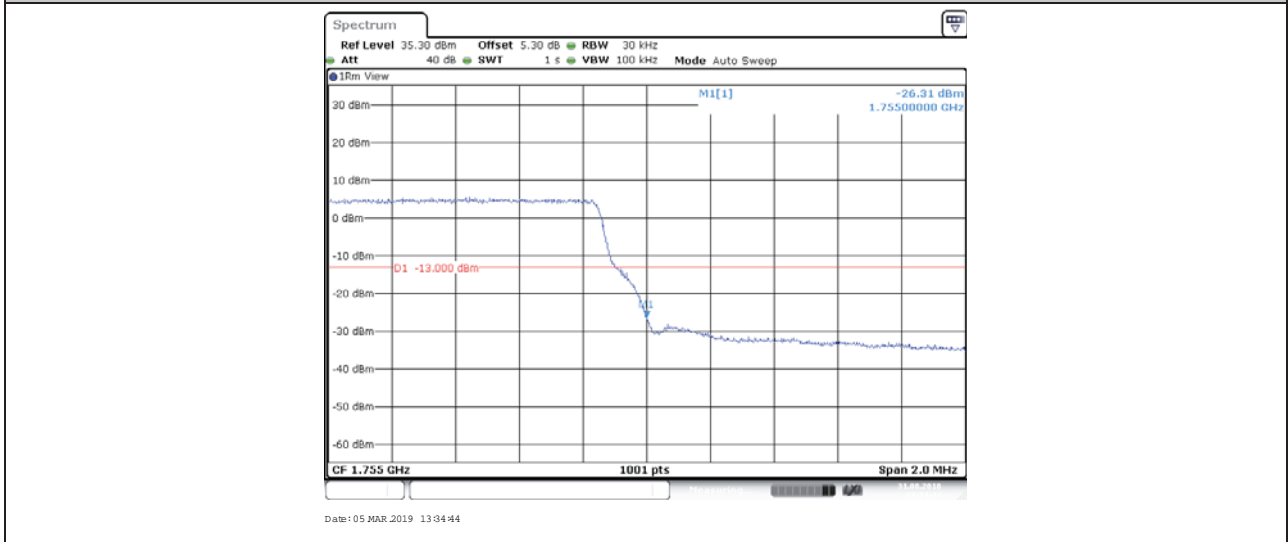


BAND4_3MHz_QPSK_20385_1RB#14



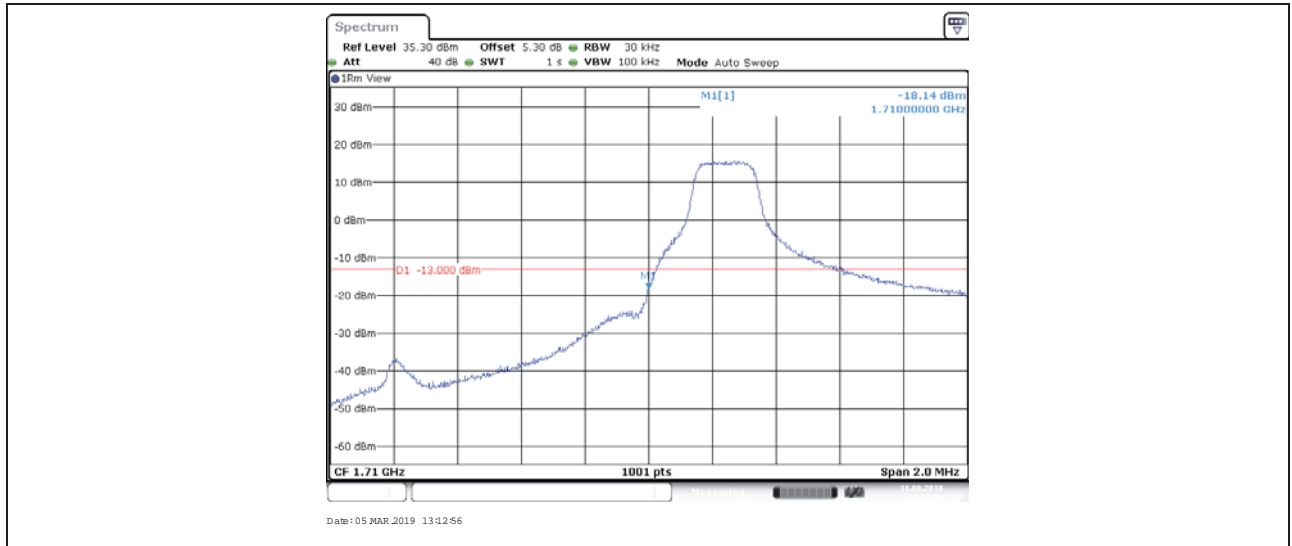


BAND4_3MHz_QPSK_20385_15RB#0

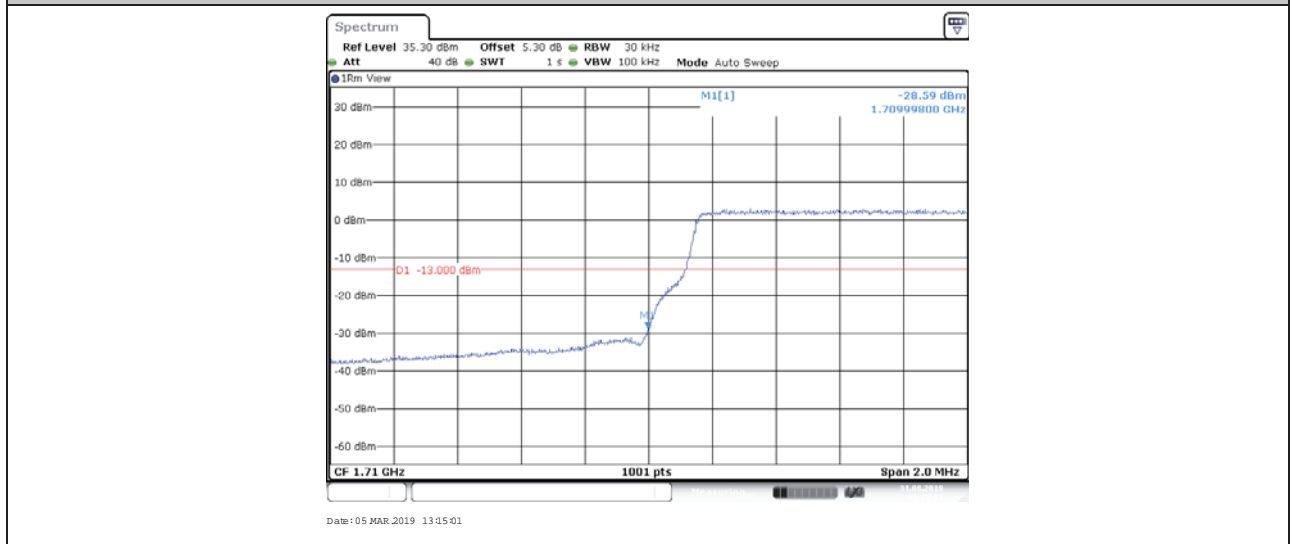


BAND4_3MHz_64QAM_19965_1RB#0





BAND4_3MHz_64QAM_19965_15RB#0



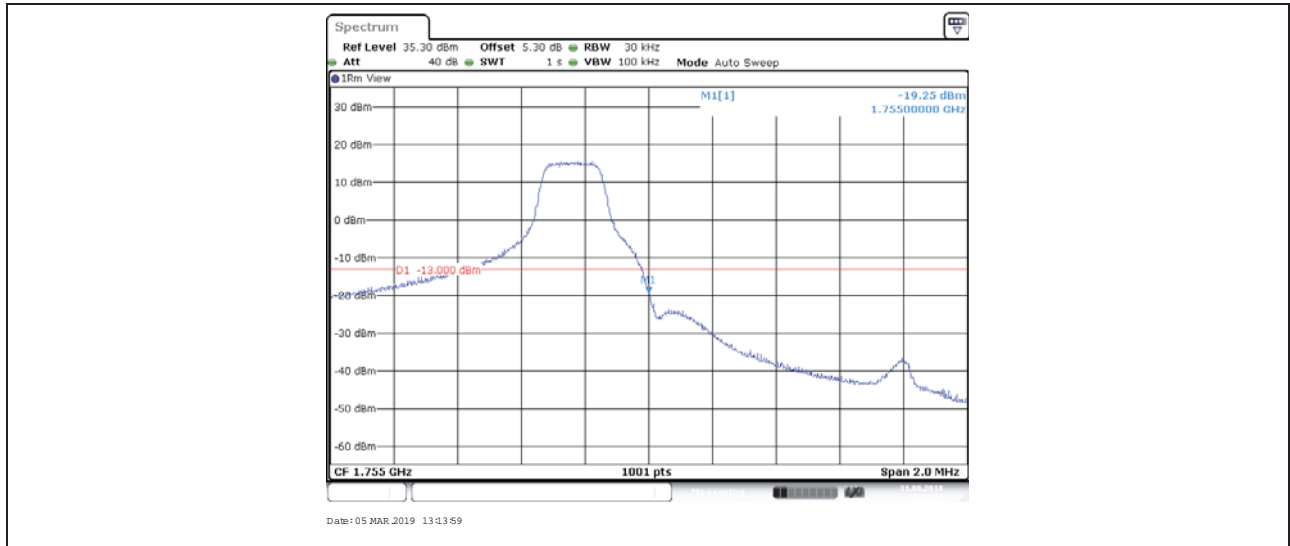
BAND4_3MHz_64QAM_20385_1RB#14



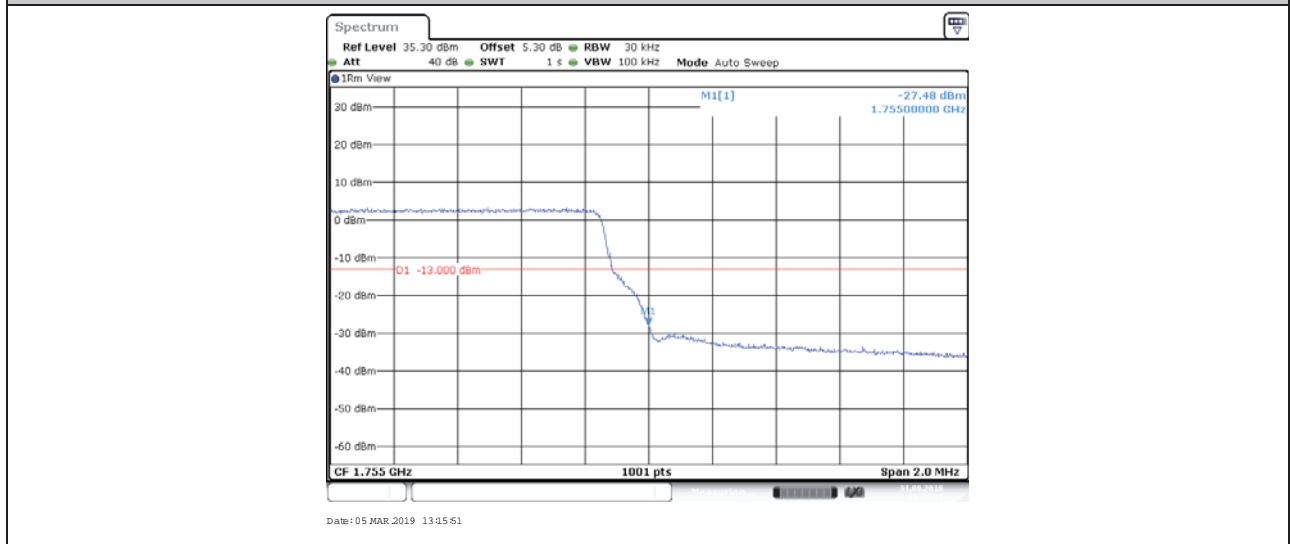
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Unless otherwise agreed in writing, 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.
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

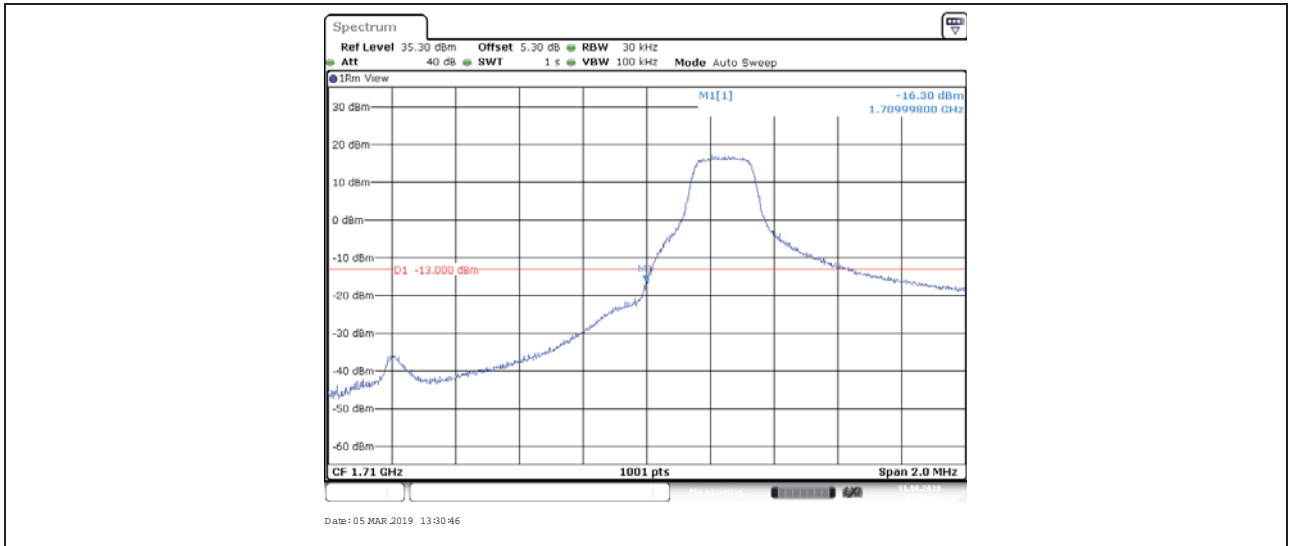


BAND4_3MHz_64QAM_20385_15RB#0

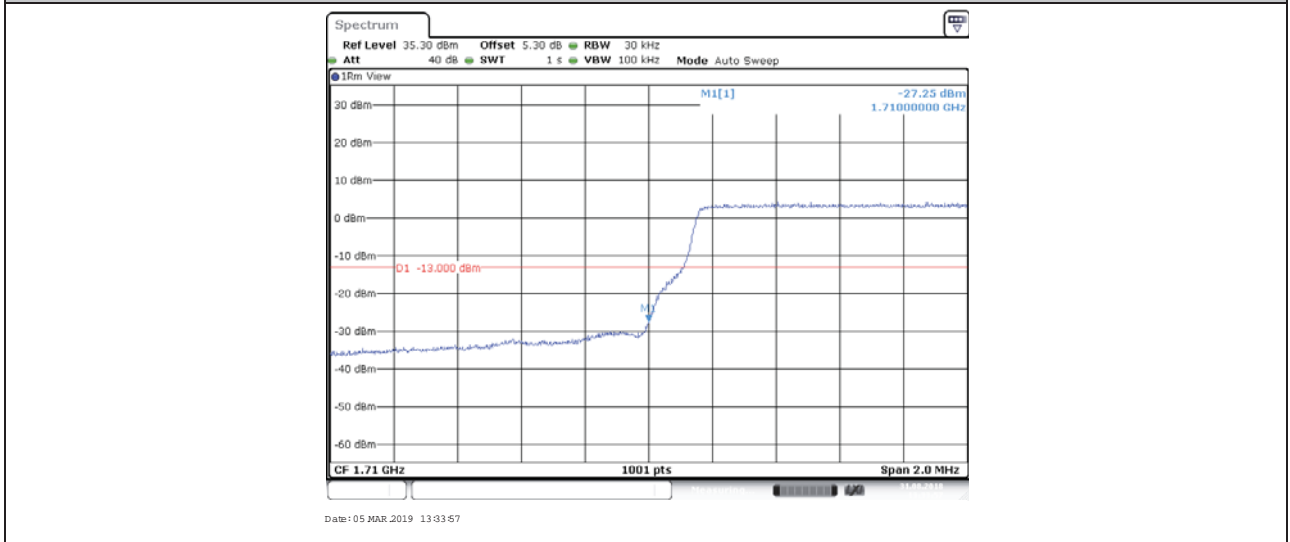


BAND4_3MHz_16QAM_19965_1RB#0



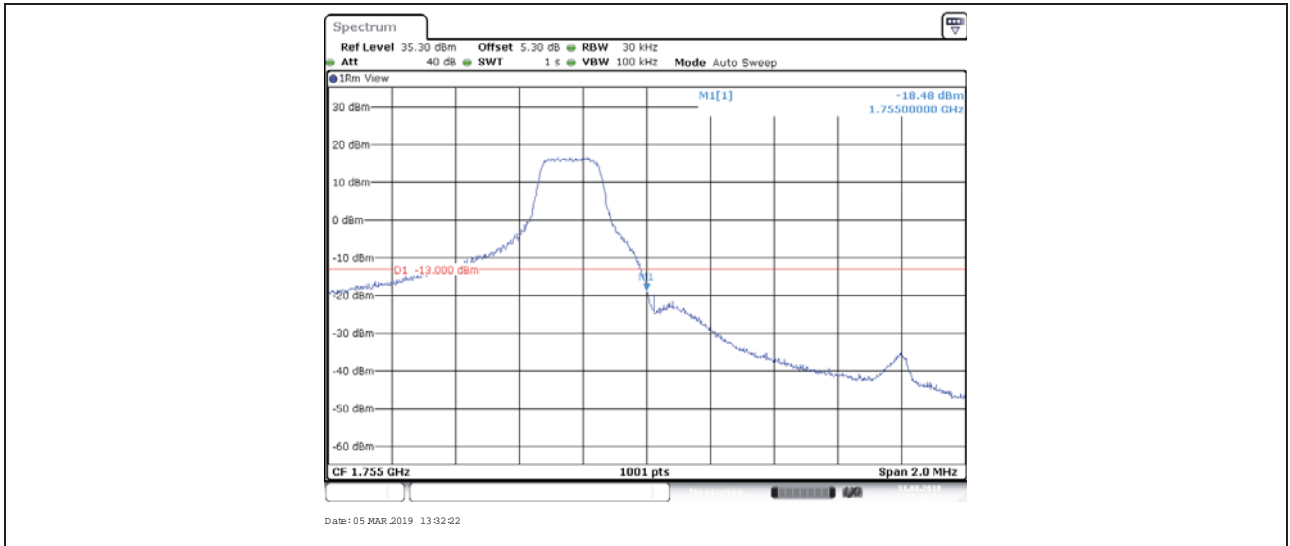


BAND4_3MHz_16QAM_19965_15RB#0

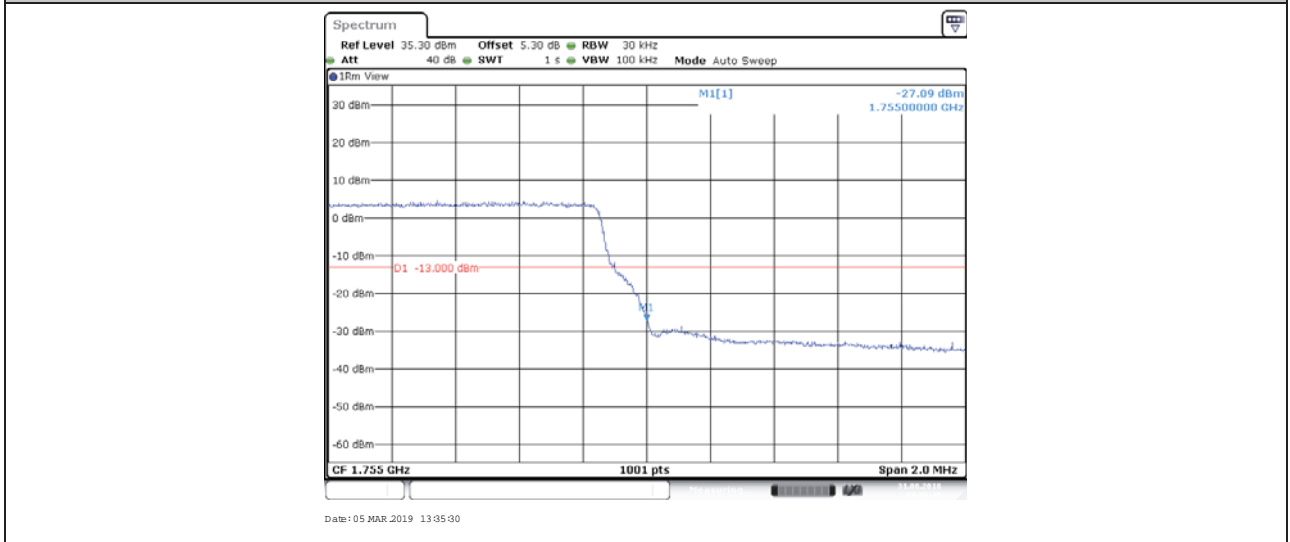


BAND4_3MHz_16QAM_20385_1RB#14



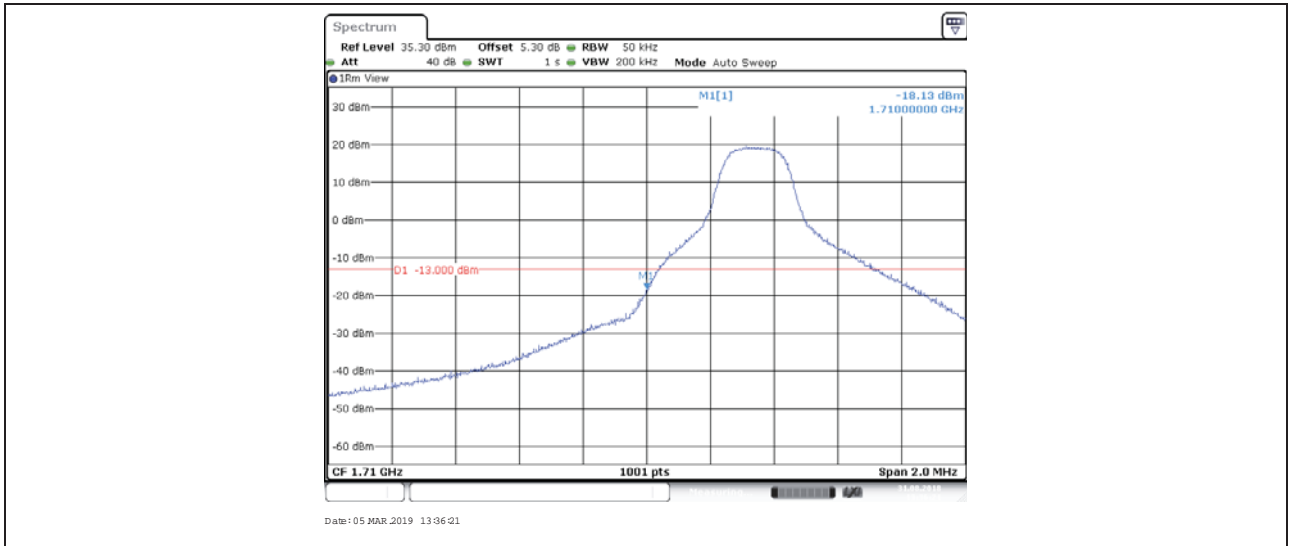


BAND4_3MHz_16QAM_20385_15RB#0

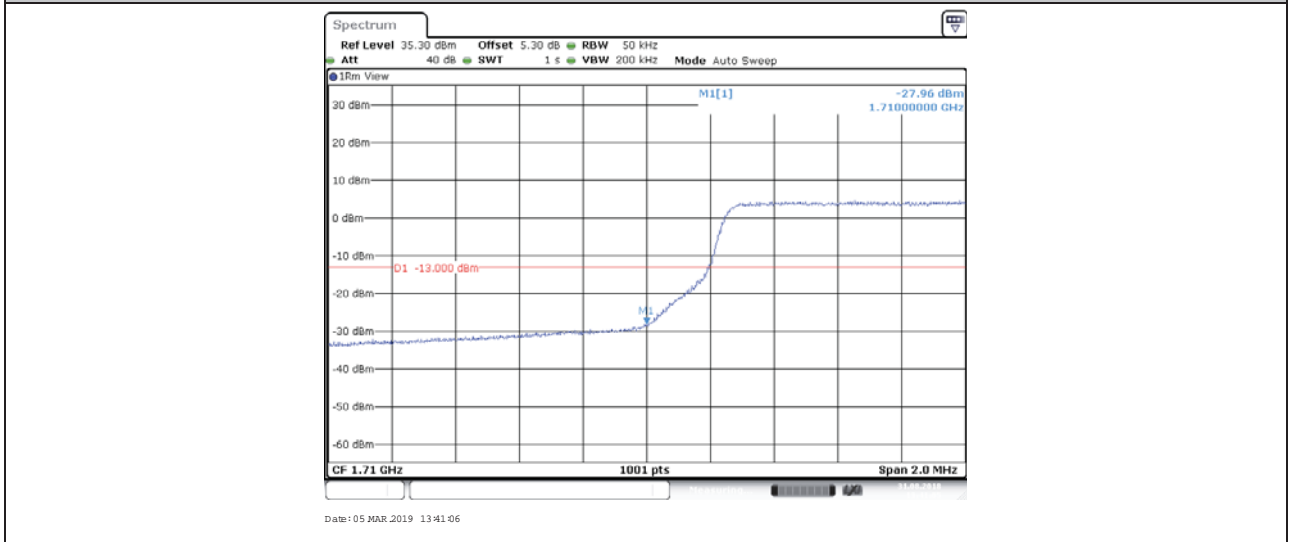


BAND4_5MHz_QPSK_19975_1RB#0



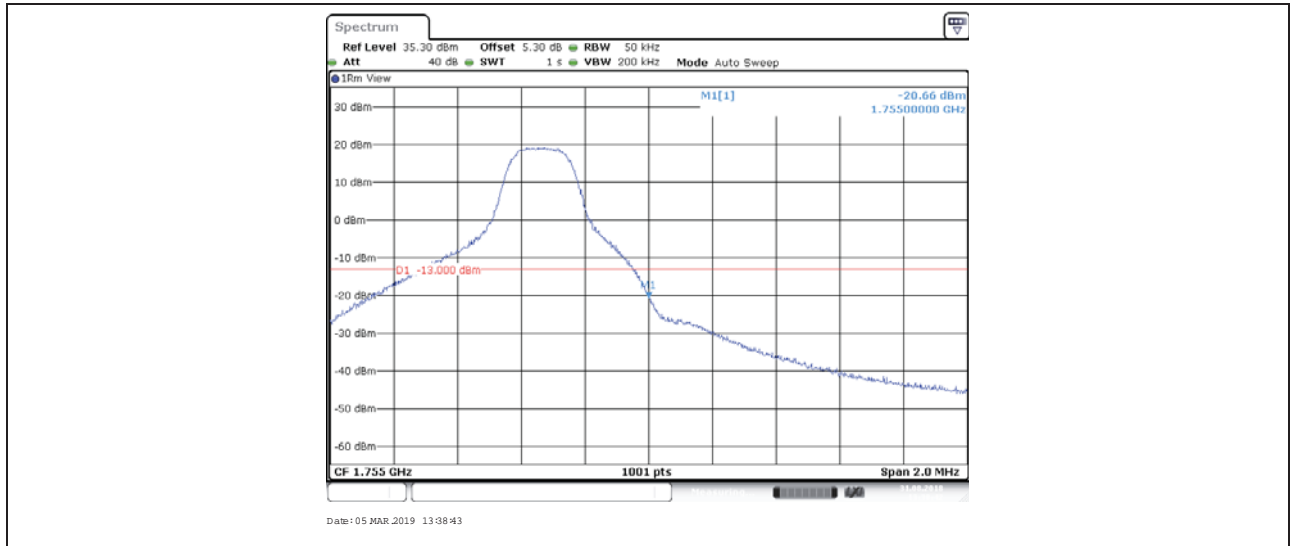


BAND4_5MHz_QPSK_19975_25RB#0

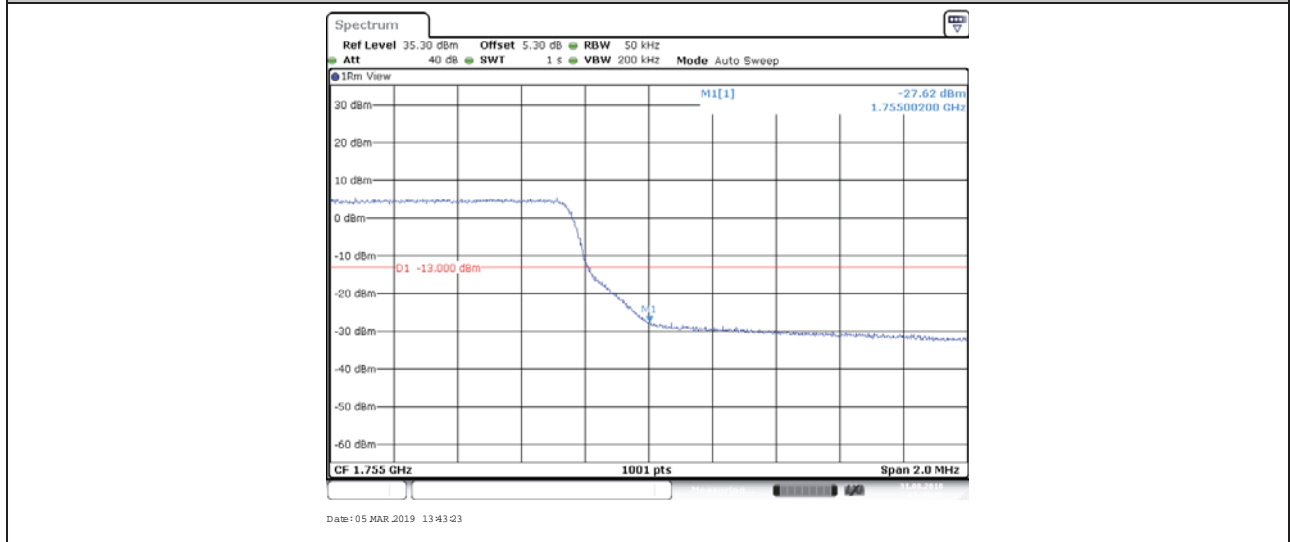


BAND4_5MHz_QPSK_20375_1RB#24



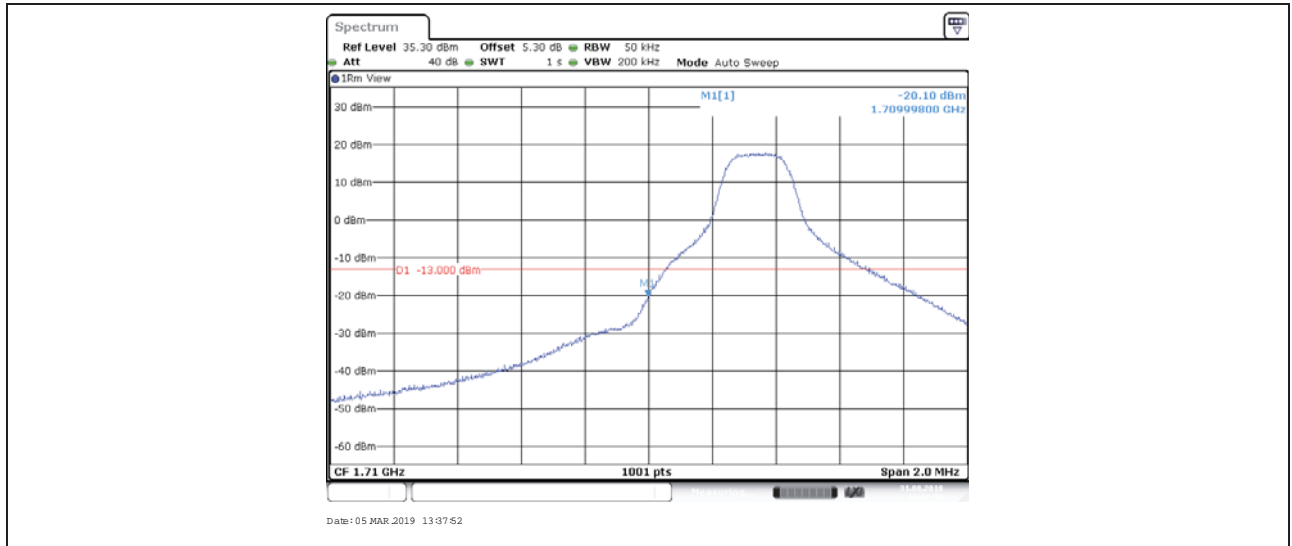


BAND4_5MHz_QPSK_20375_25RB#0

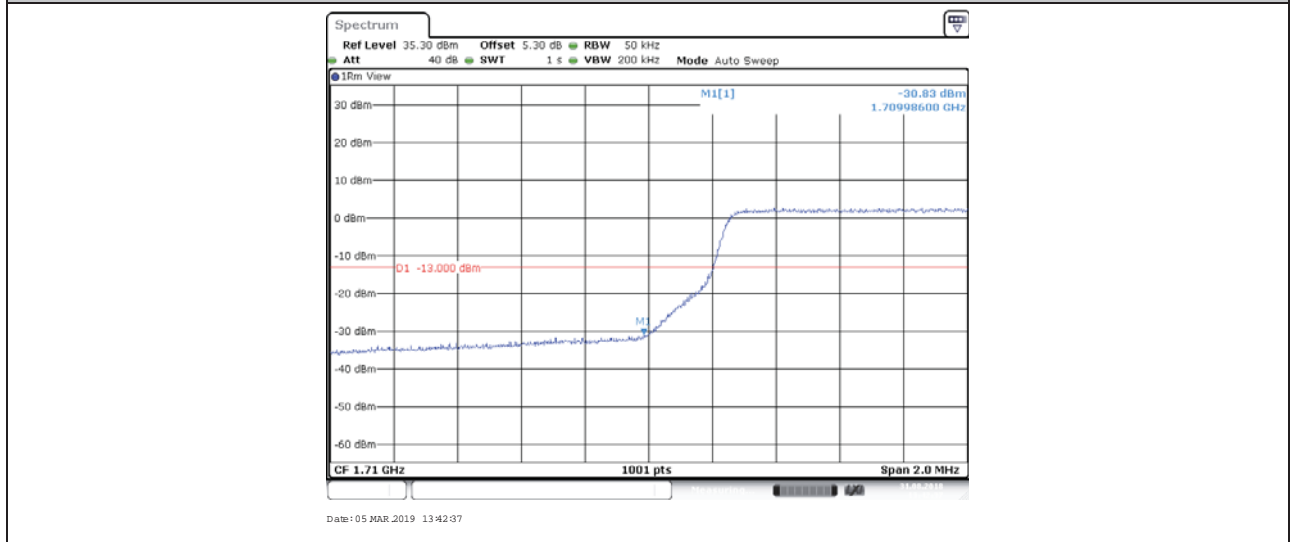


BAND4_5MHz_64QAM_19975_1RB#0



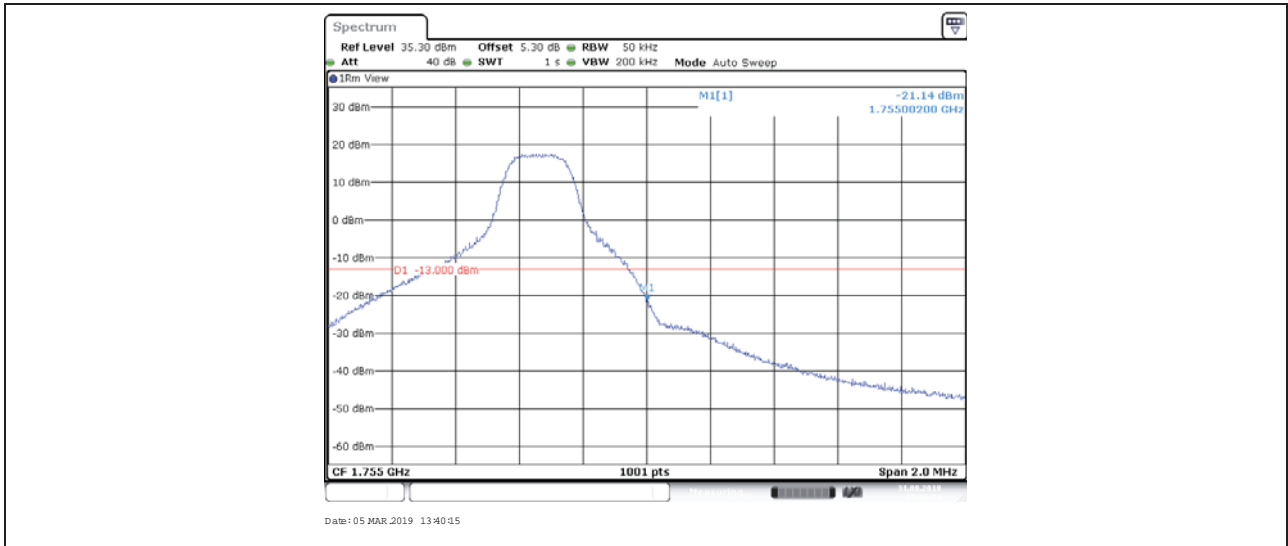


BAND4_5MHz_64QAM_19975_25RB#0

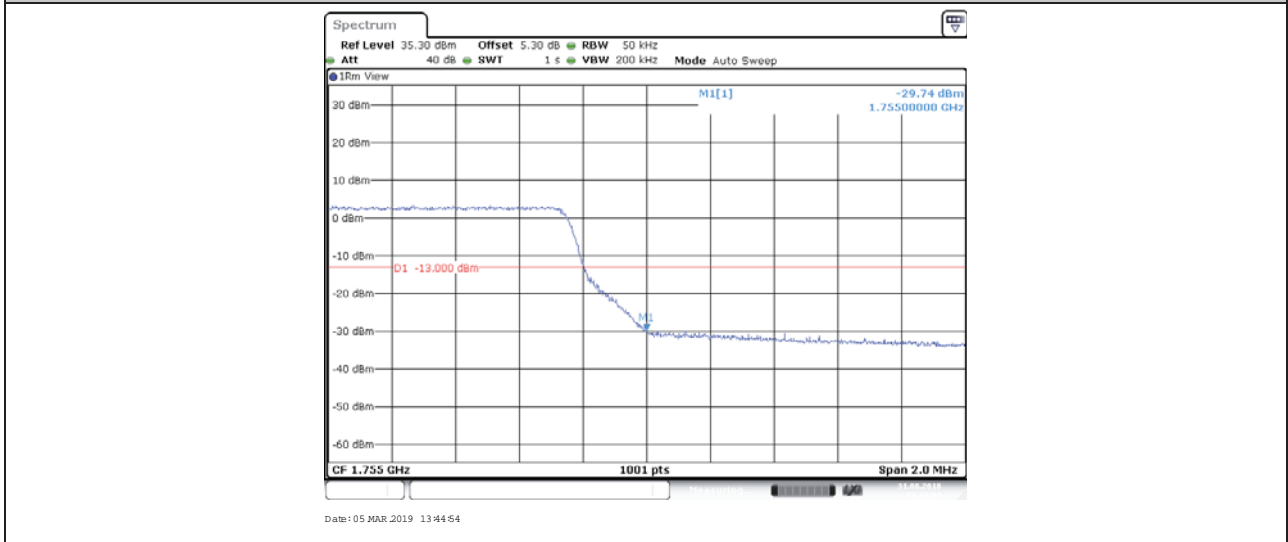


BAND4_5MHz_64QAM_20375_1RB#24



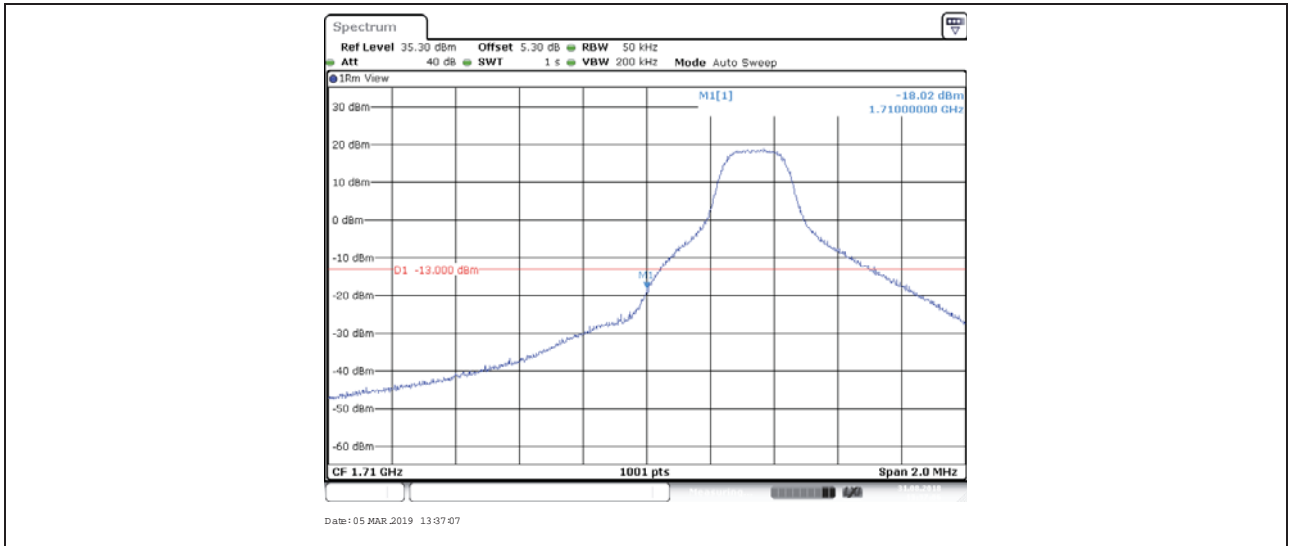


BAND4_5MHz_64QAM_20375_25RB#0

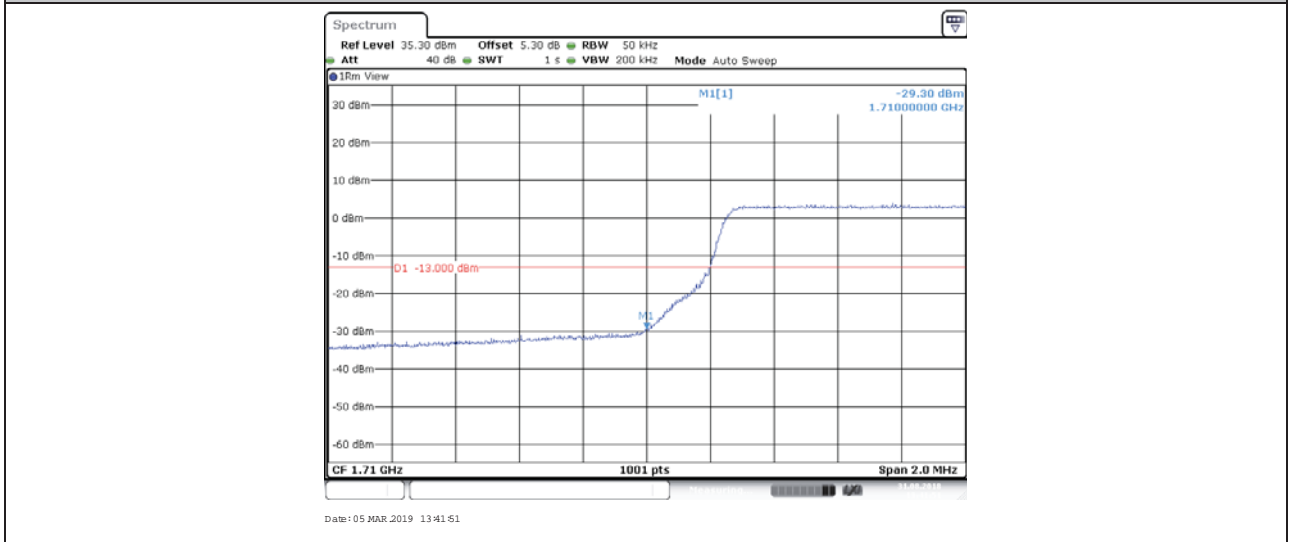


BAND4_5MHz_16QAM_19975_1RB#0



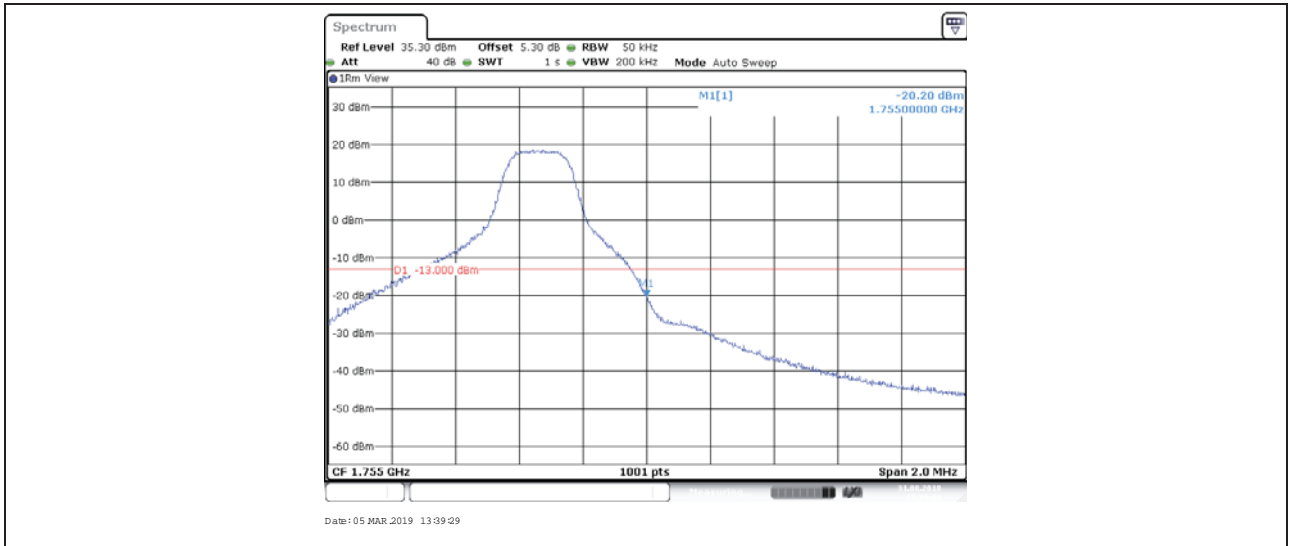


BAND4_5MHz_16QAM_19975_25RB#0

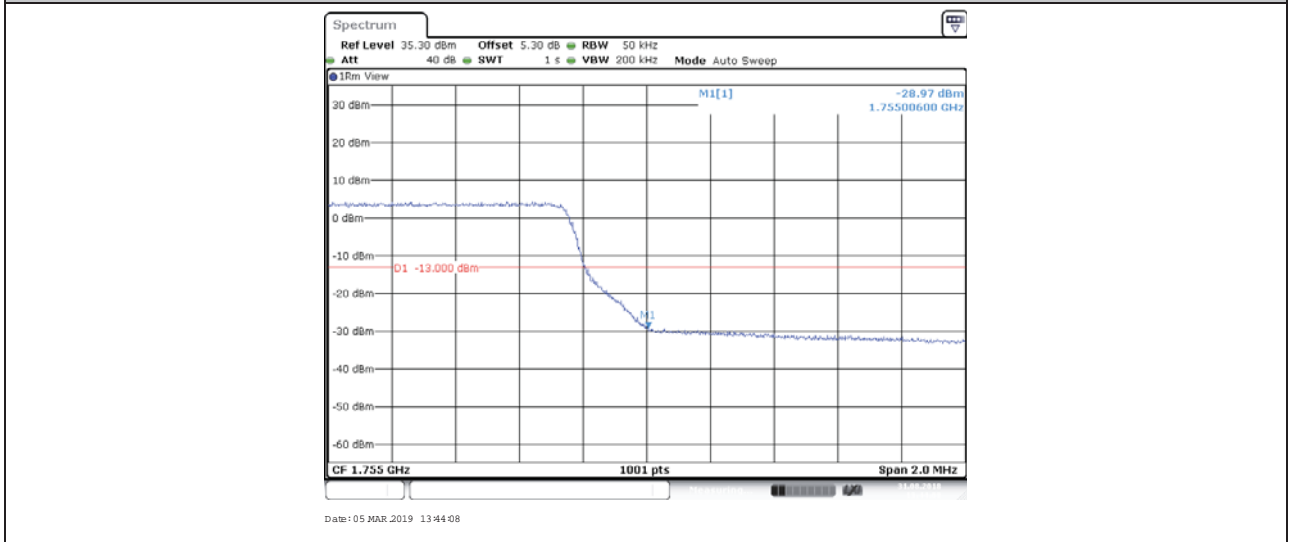


BAND4_5MHz_16QAM_20375_1RB#24



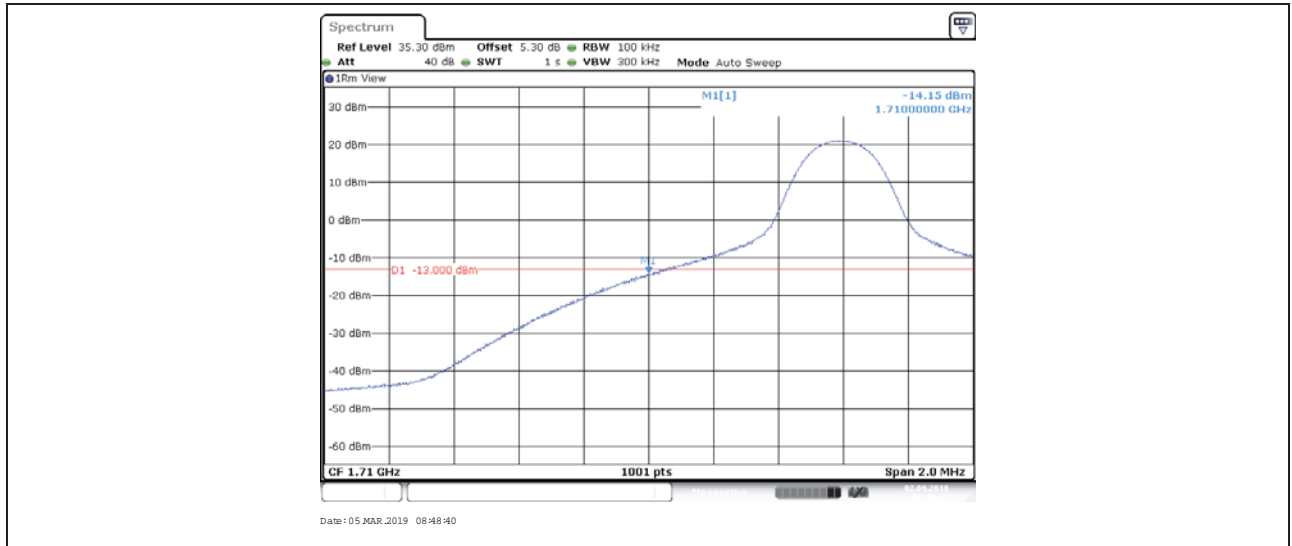


BAND4_5MHz_16QAM_20375_25RB#0

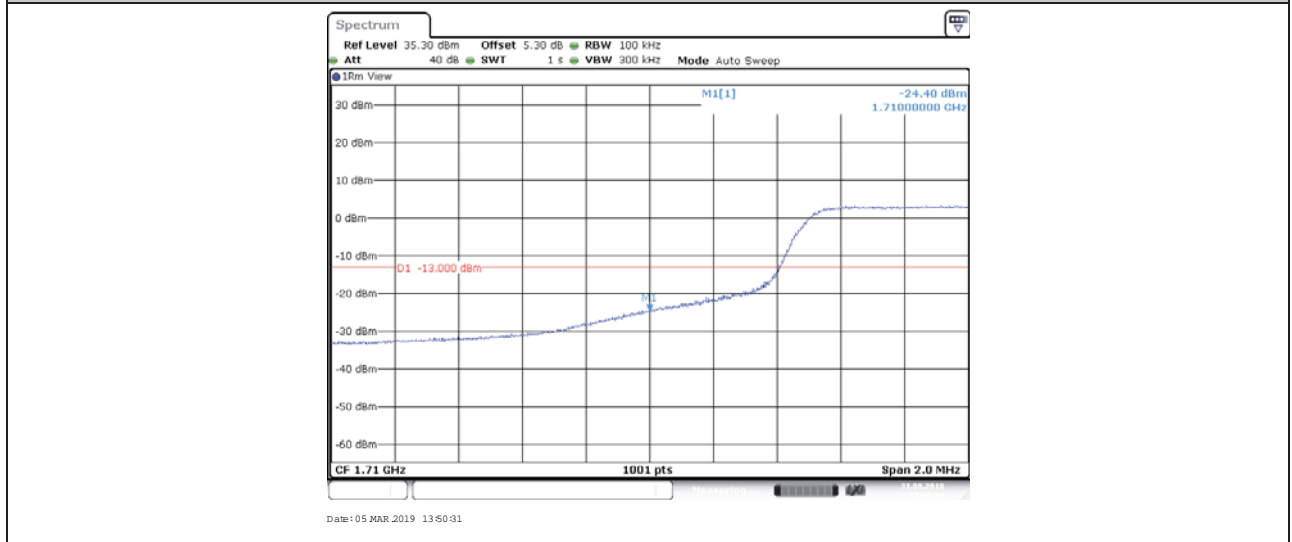


BAND4_10MHz_QPSK_20000_1RB#0



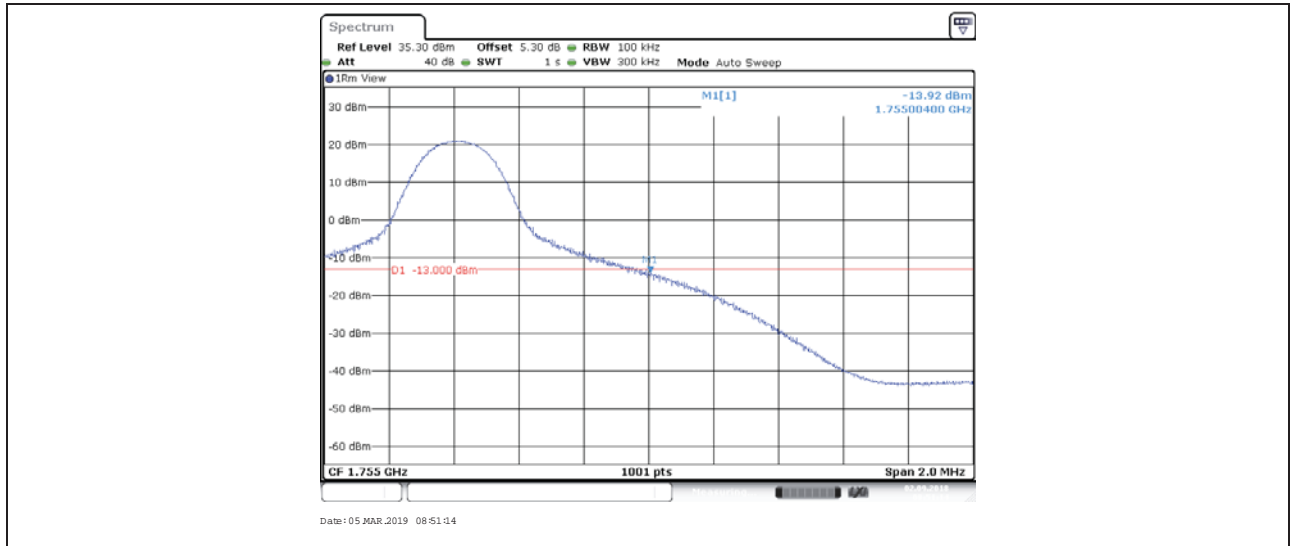


BAND4_10MHz_QPSK_20000_50RB#0

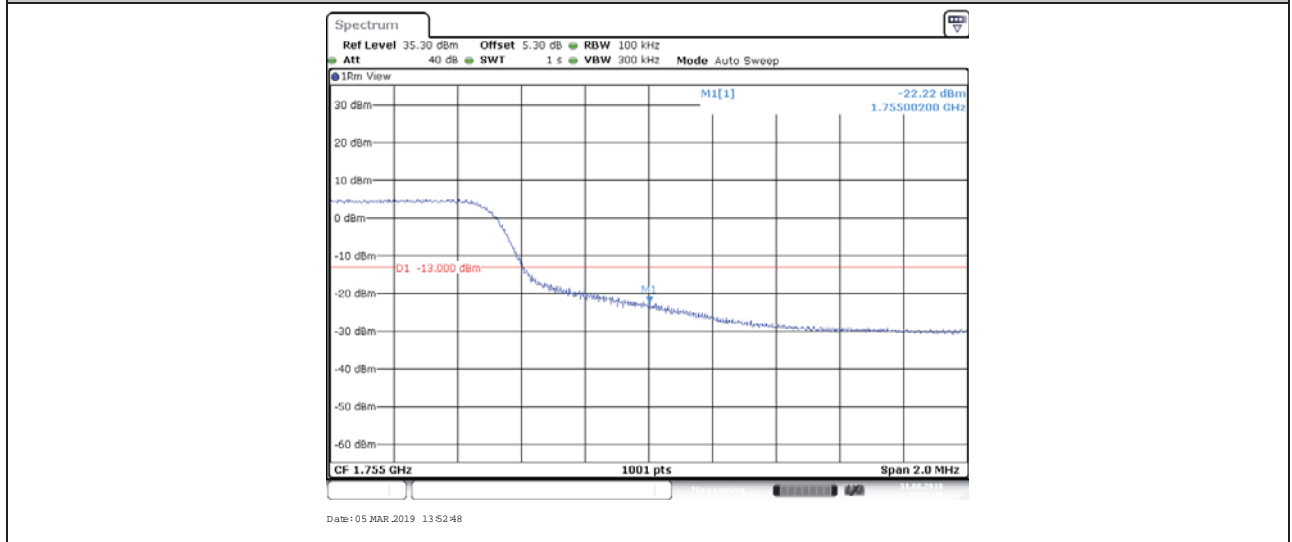


BAND4_10MHz_QPSK_20350_1RB#49



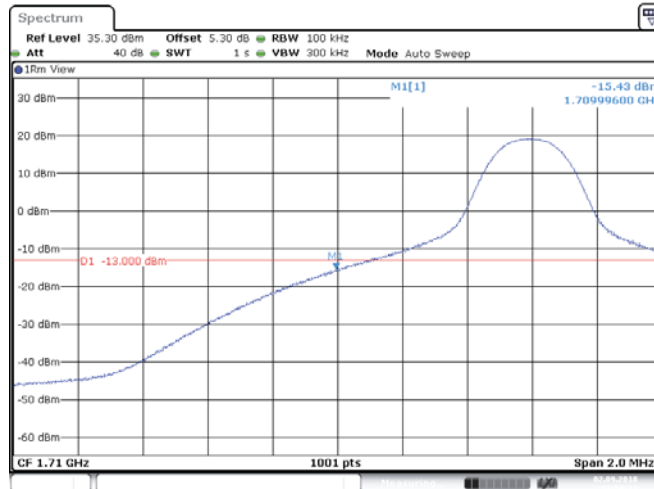


BAND4_10MHz_QPSK_20350_50RB#0



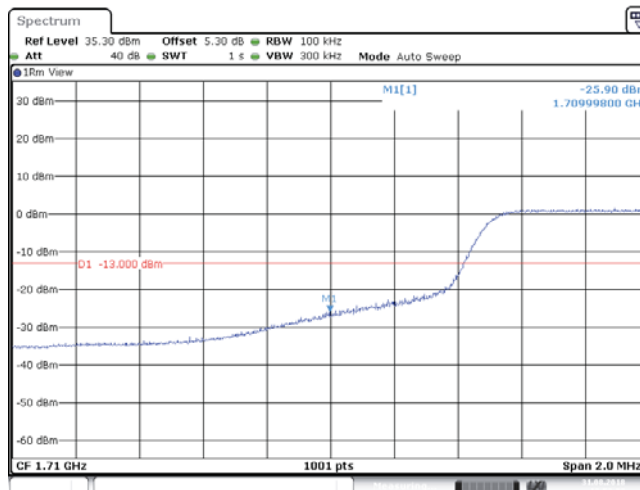
BAND4_10MHz_64QAM_20000_1RB#0





Date: 05 MAR 2019 08:50:11

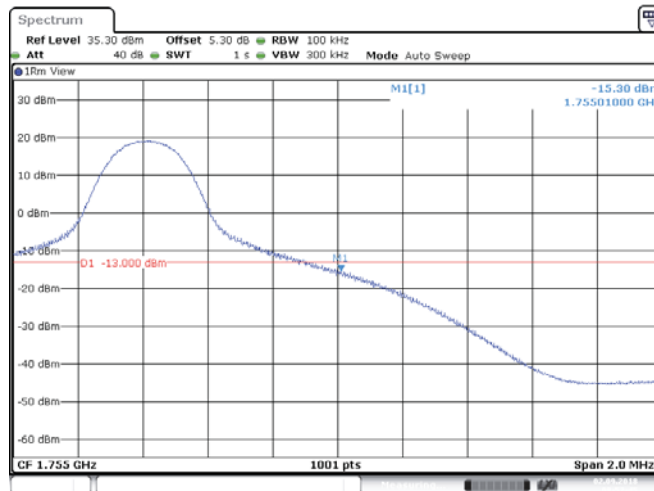
BAND4_10MHz_64QAM_20000_50RB#0



Date: 05 MAR 2019 13:52:03

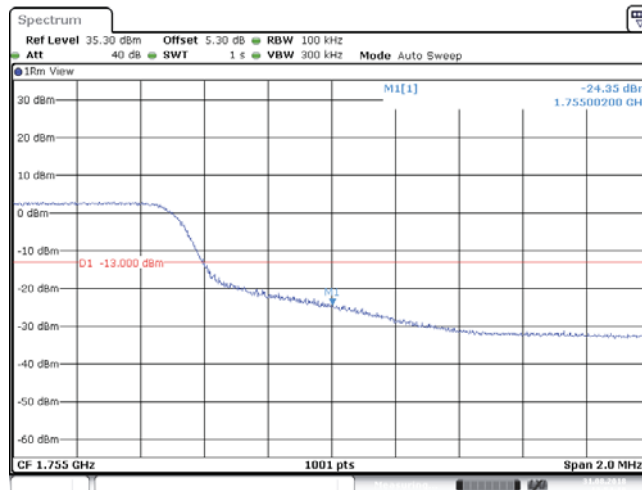
BAND4_10MHz_64QAM_20350_1RB#49





Date: 05 MAR 2019 08:52:45

BAND4_10MHz_64QAM_20350_50RB#0



Date: 05 MAR 2019 13:54:20

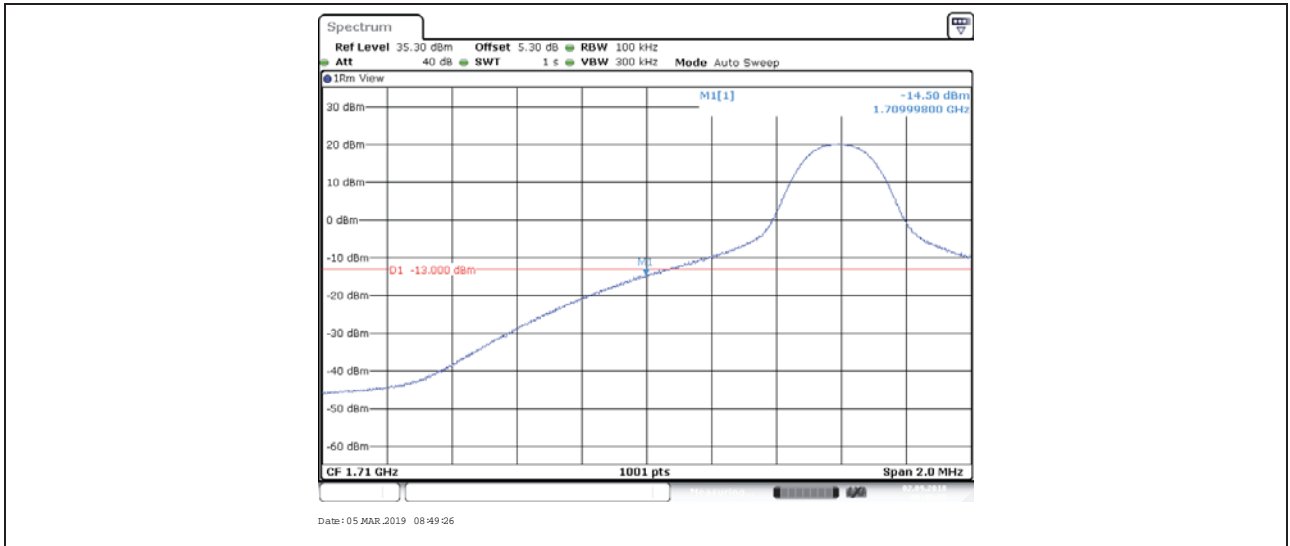
BAND4_10MHz_16QAM_20000_1RB#0



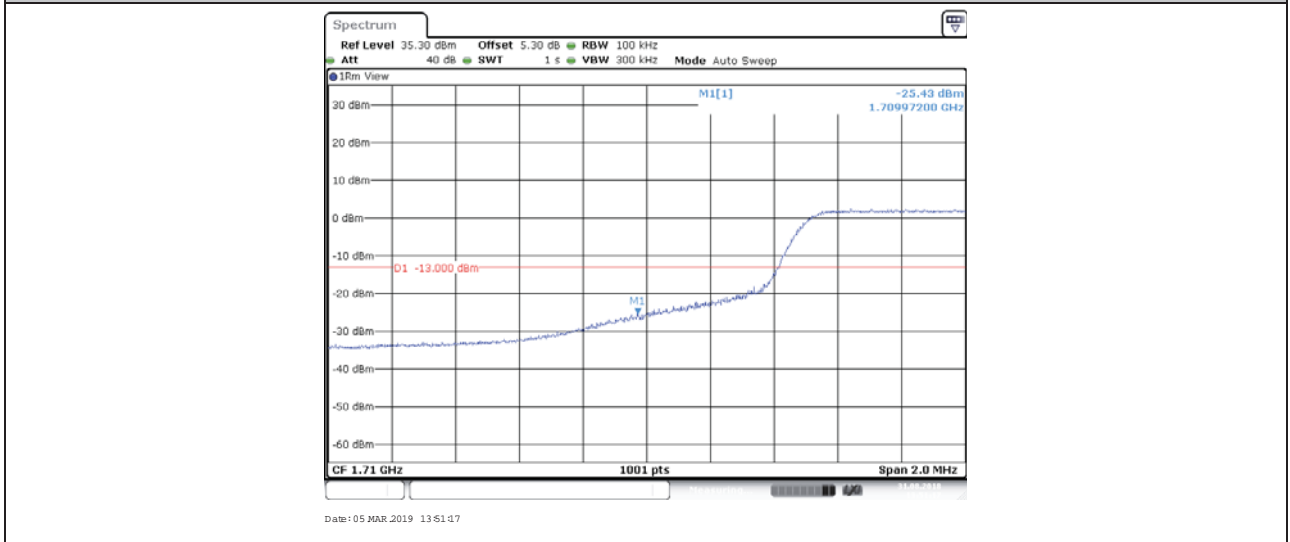
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Unless otherwise agreed in writing, 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.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

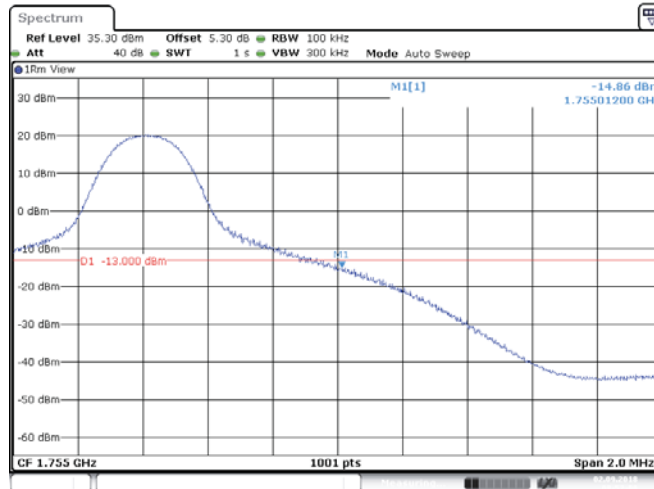


BAND4_10MHz_16QAM_20000_50RB#0



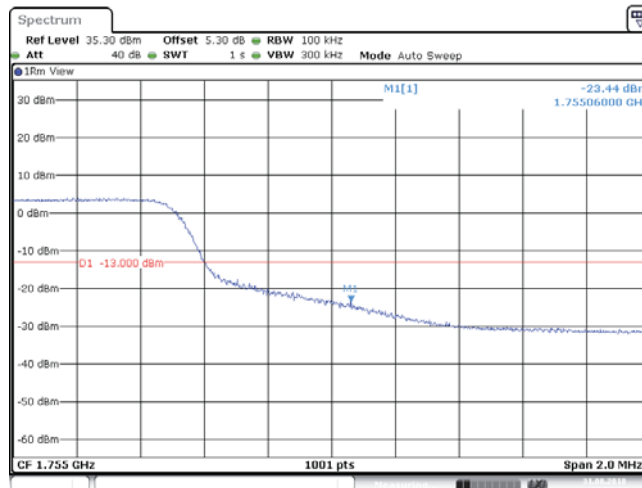
BAND4_10MHz_16QAM_20350_1RB#49





Date: 05 MAR 2019 08:52:00

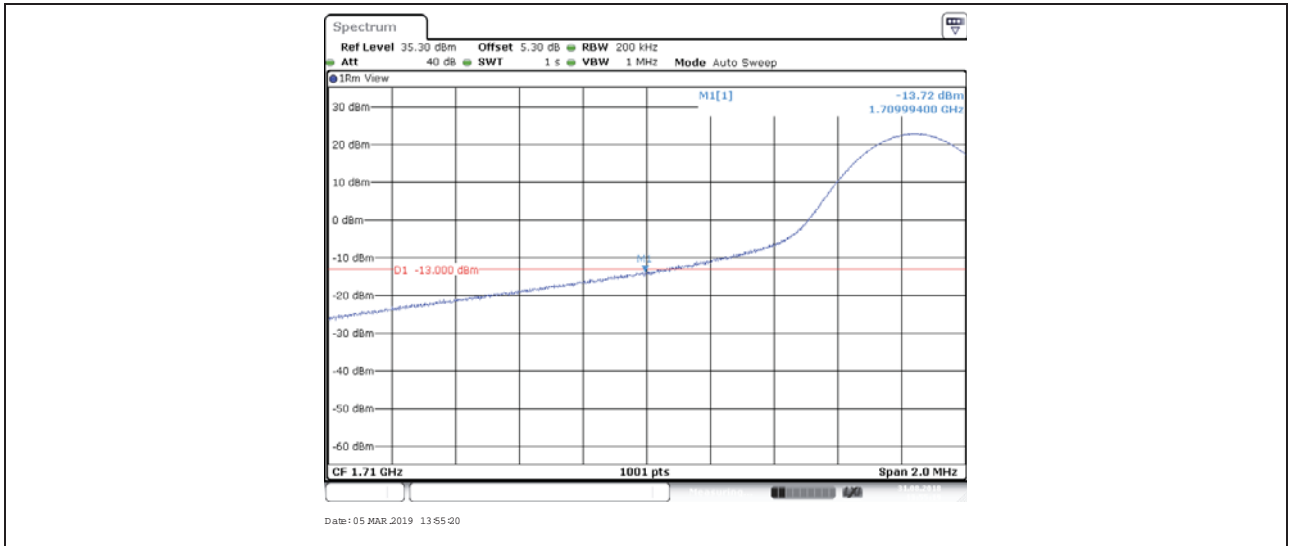
BAND4_10MHz_16QAM_20350_50RB#0



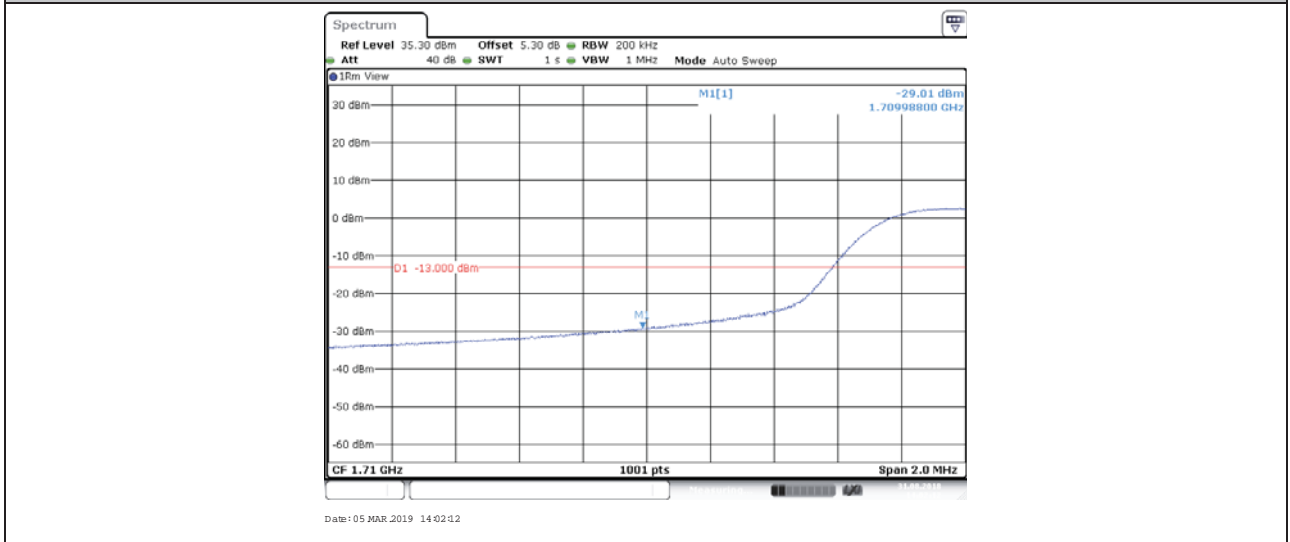
Date: 05 MAR 2019 13:53:34

BAND4_15MHz_QPSK_20025_1RB#0



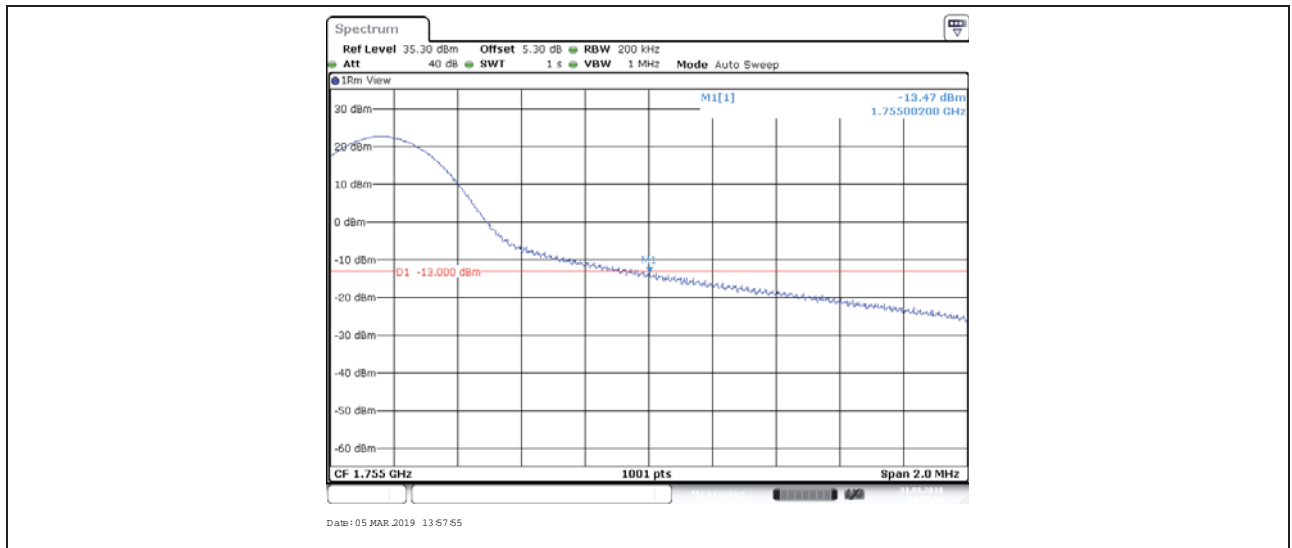


BAND4_15MHz_QPSK_20025_75RB#0

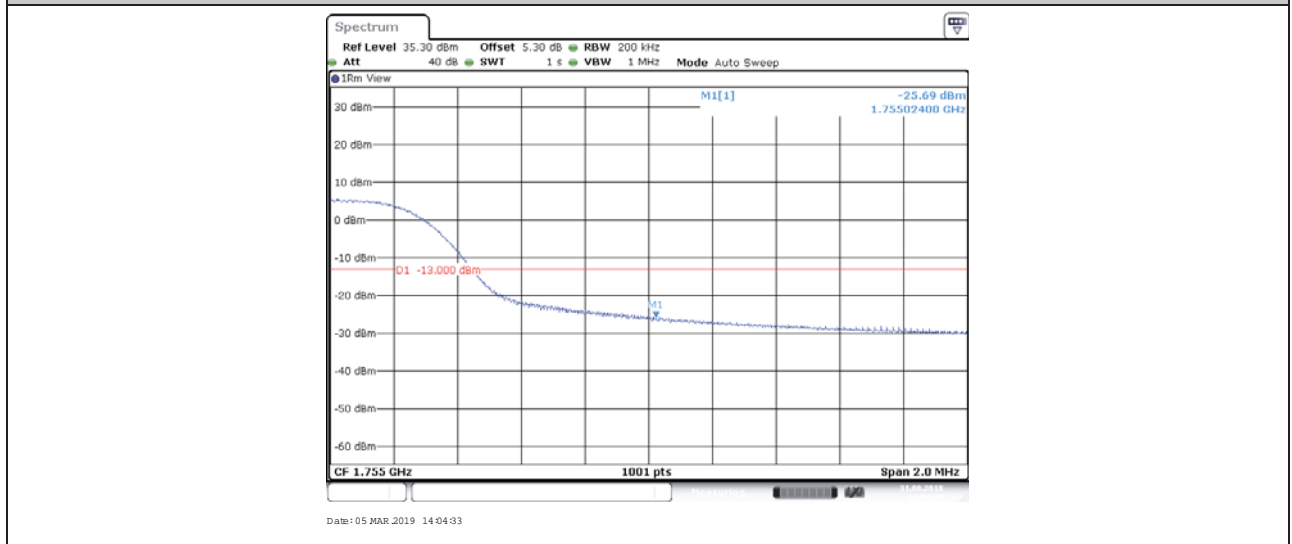


BAND4_15MHz_QPSK_20325_1RB#74



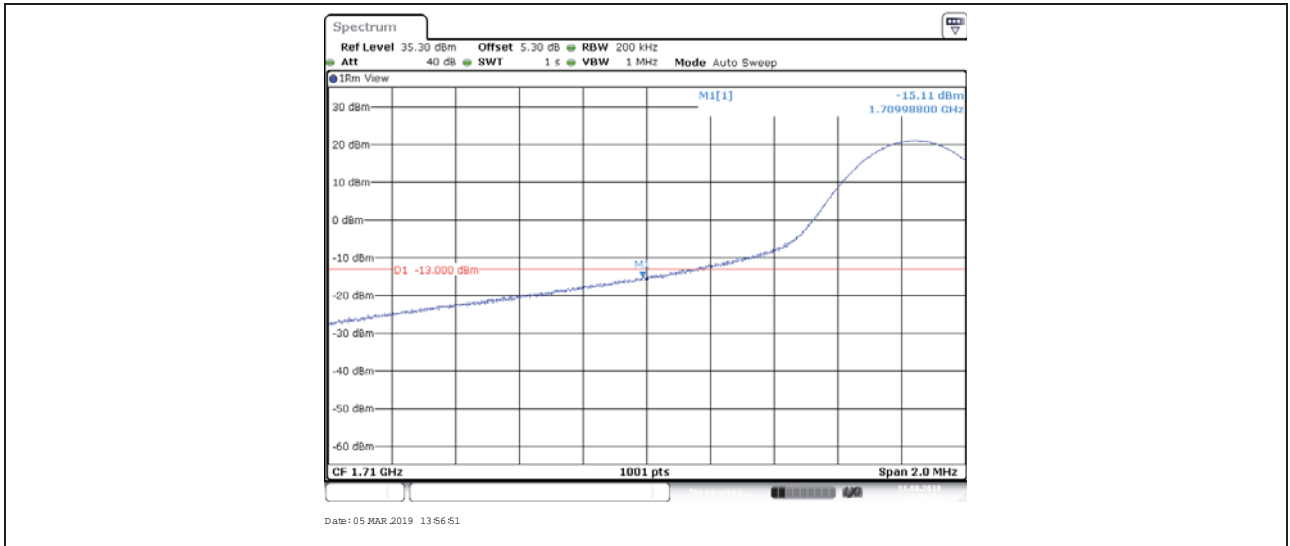


BAND4_15MHz_QPSK_20325_75RB#0

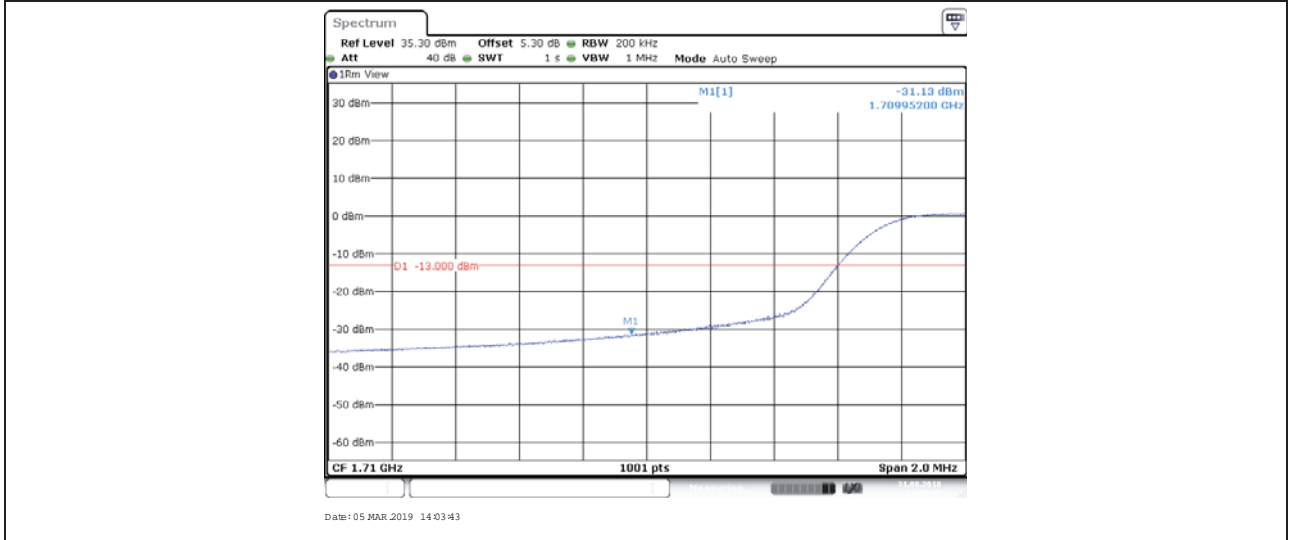


BAND4_15MHz_64QAM_20025_1RB#0



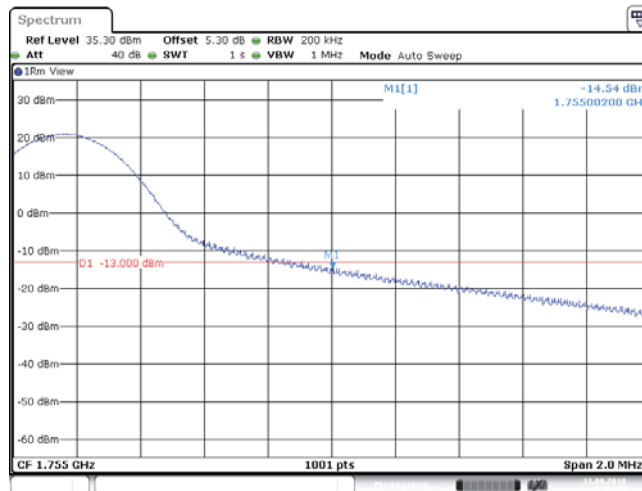


BAND4_15MHz_64QAM_20025_75RB#0



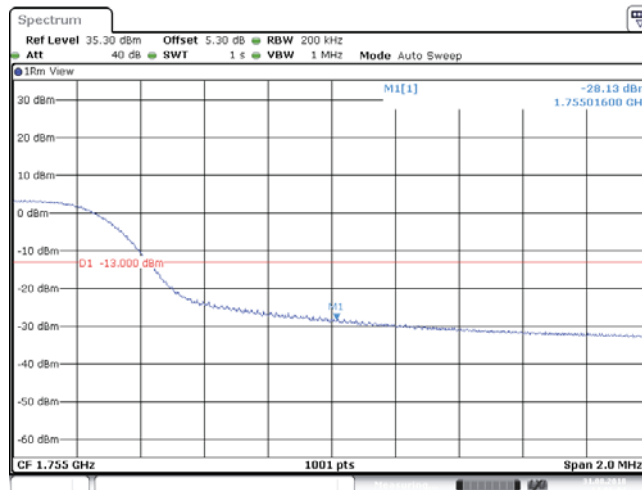
BAND4_15MHz_64QAM_20325_1RB#74





Date: 05 MAR 2019 13:59:27

BAND4_15MHz_64QAM_20325_75RB#0



Date: 05 MAR 2019 14:06:05

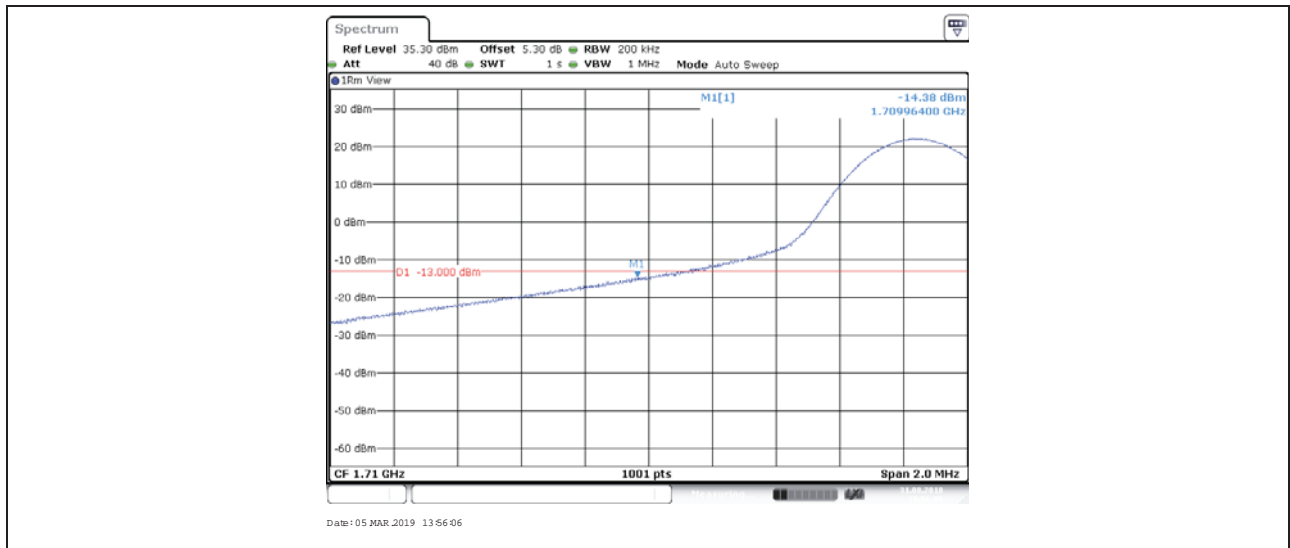
BAND4_15MHz_16QAM_20025_1RB#0



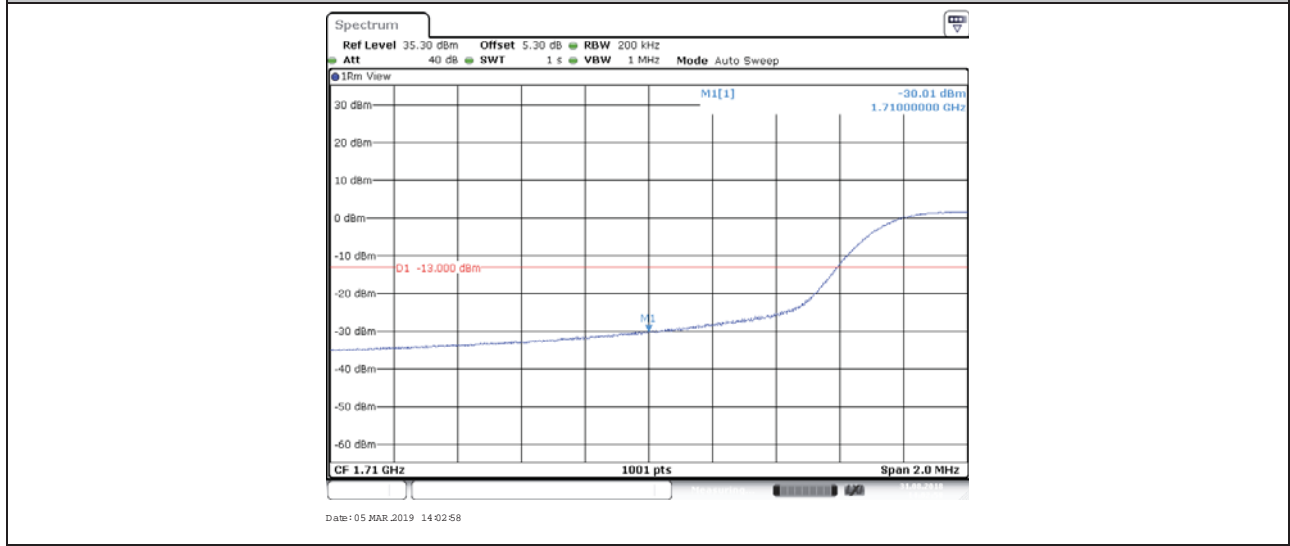
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Unless otherwise agreed in writing, 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.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

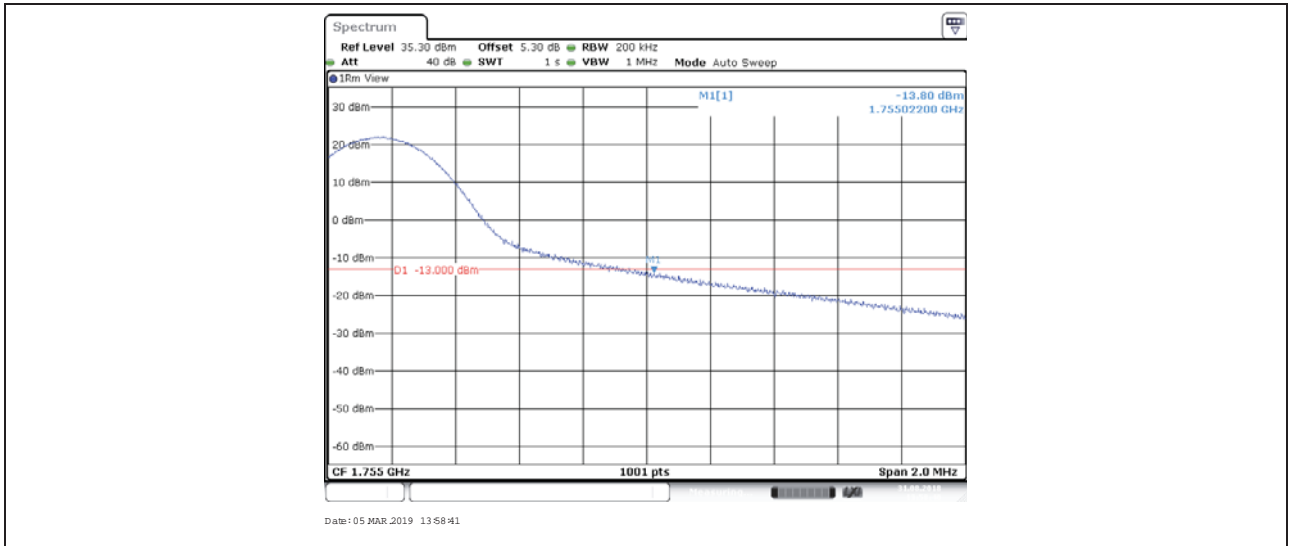


BAND4_15MHz_16QAM_20025_75RB#0

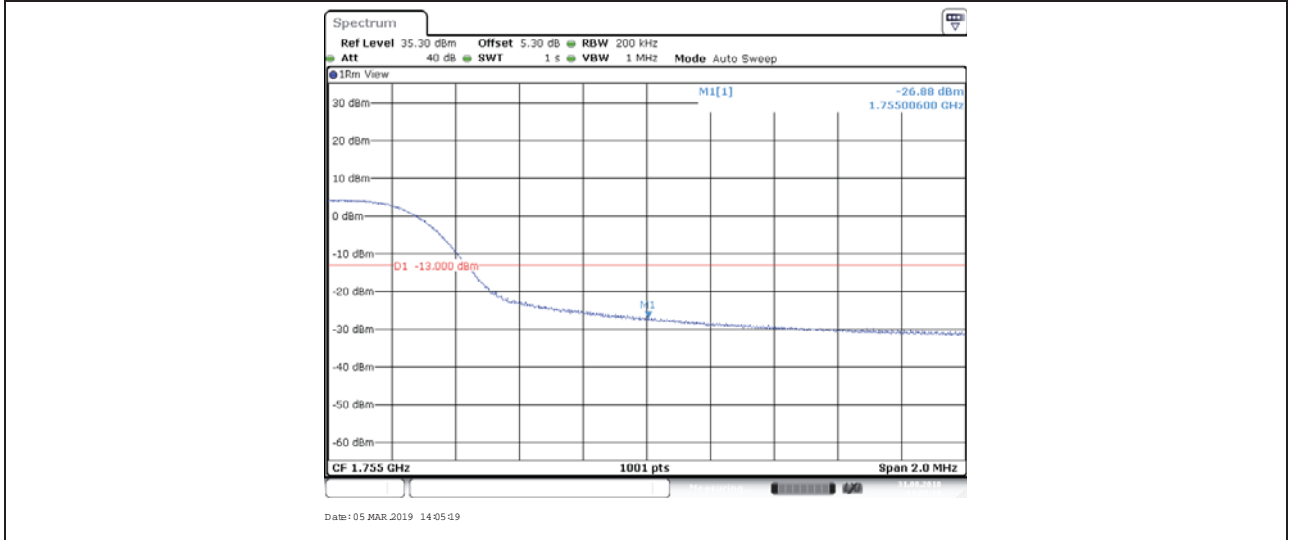


BAND4_15MHz_16QAM_20325_1RB#74



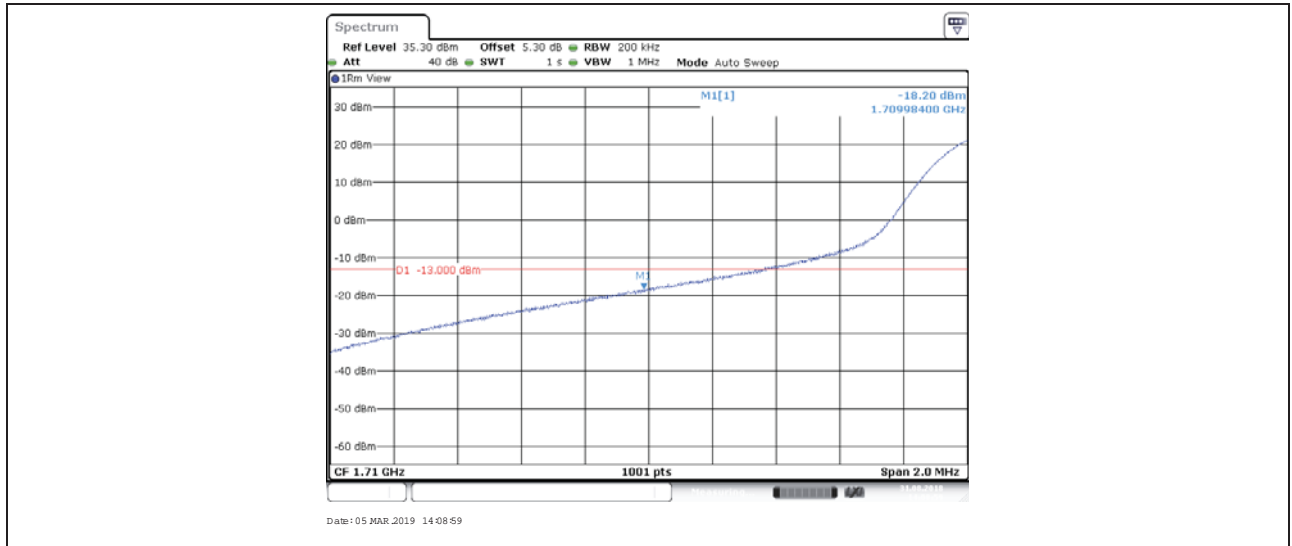


BAND4_15MHz_16QAM_20325_75RB#0

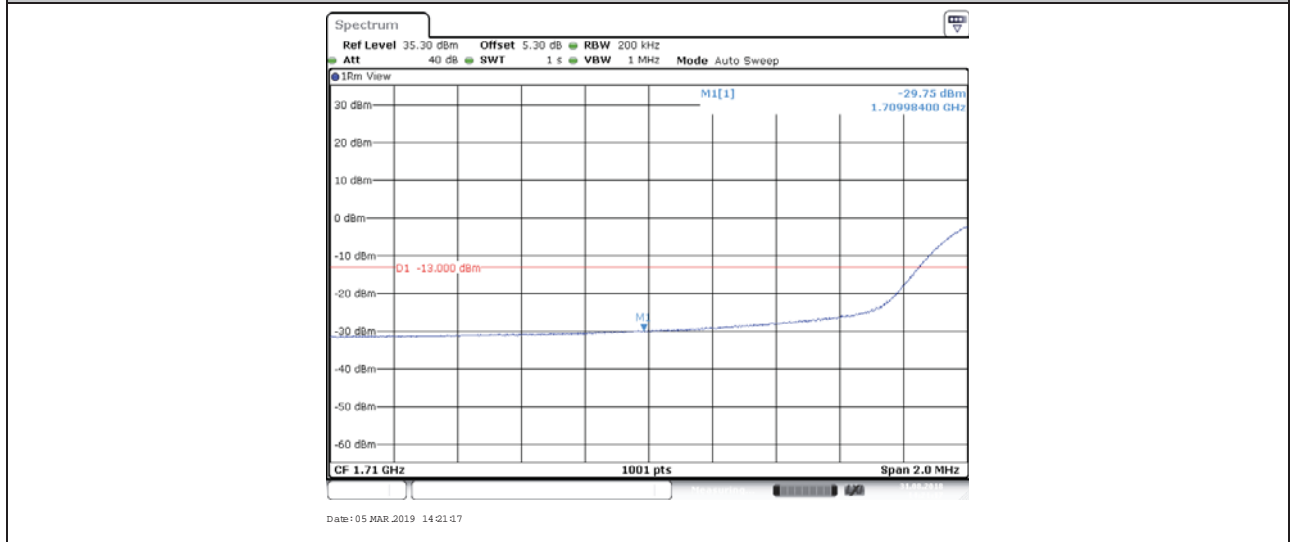


BAND4_20MHz_QPSK_20050_1RB#0



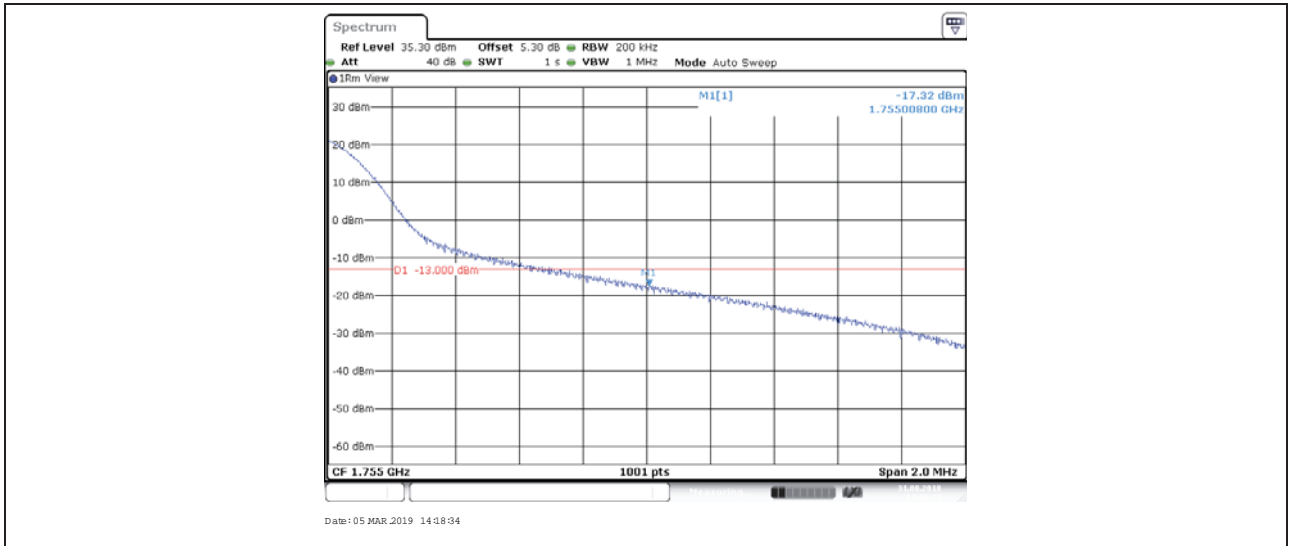


BAND4_20MHz_QPSK_20050_100RB#0

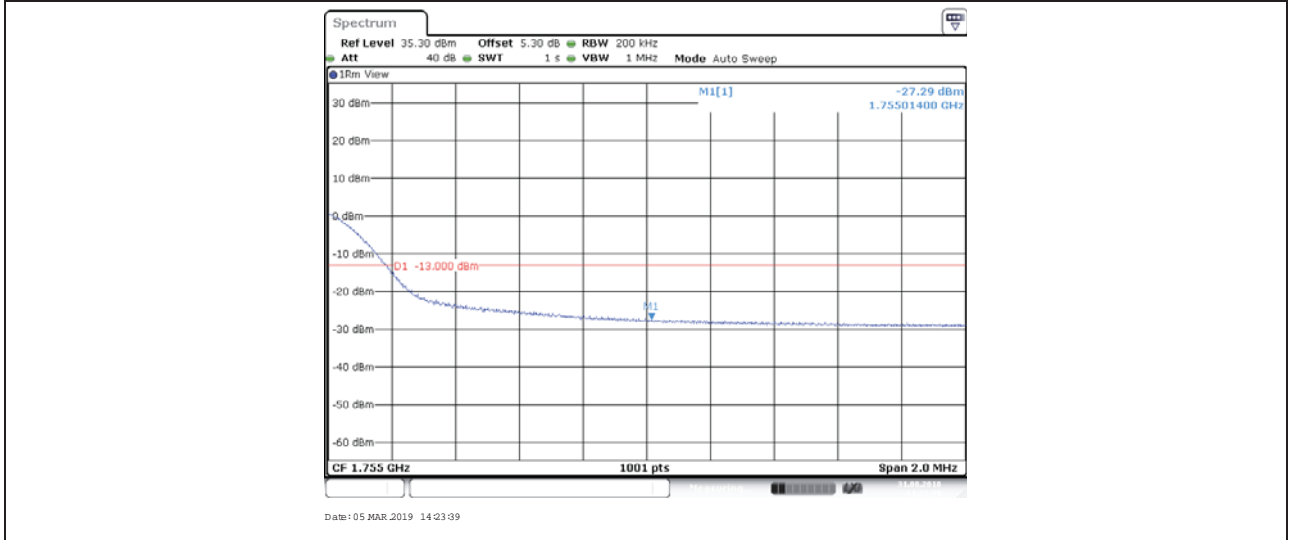


BAND4_20MHz_QPSK_20300_1RB#99



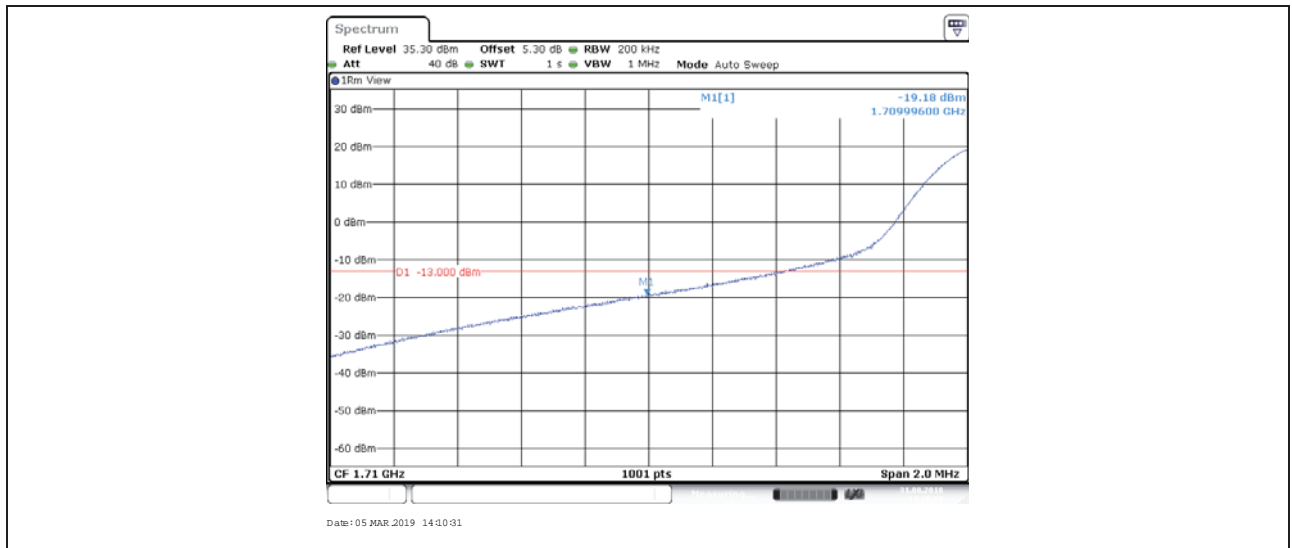


BAND4_20MHz_QPSK_20300_100RB#0

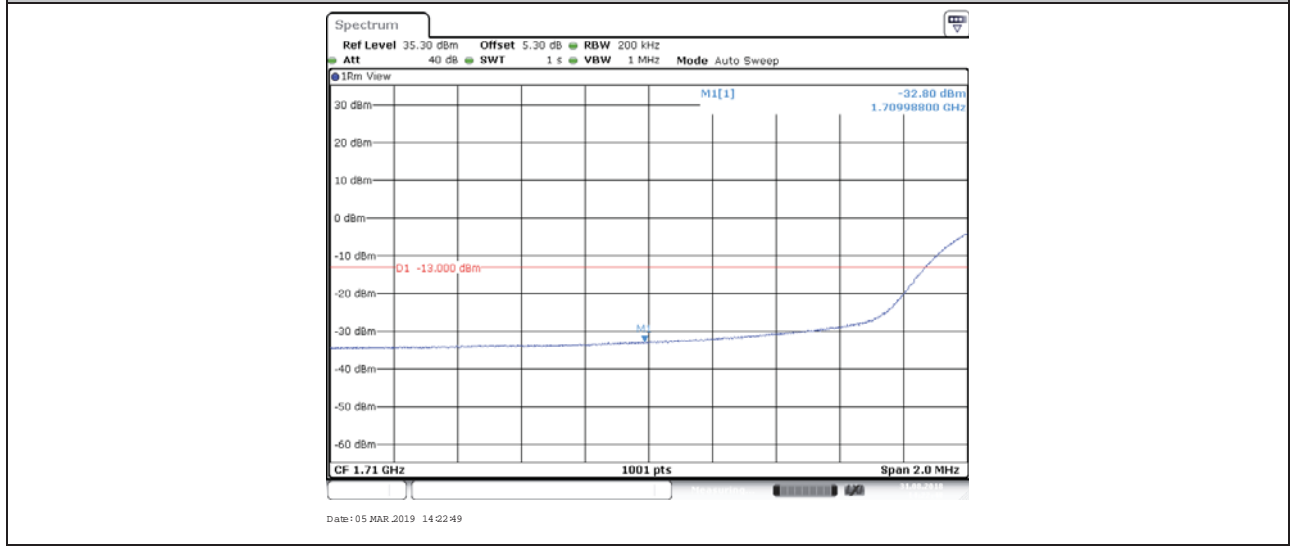


BAND4_20MHz_64QAM_20050_1RB#0



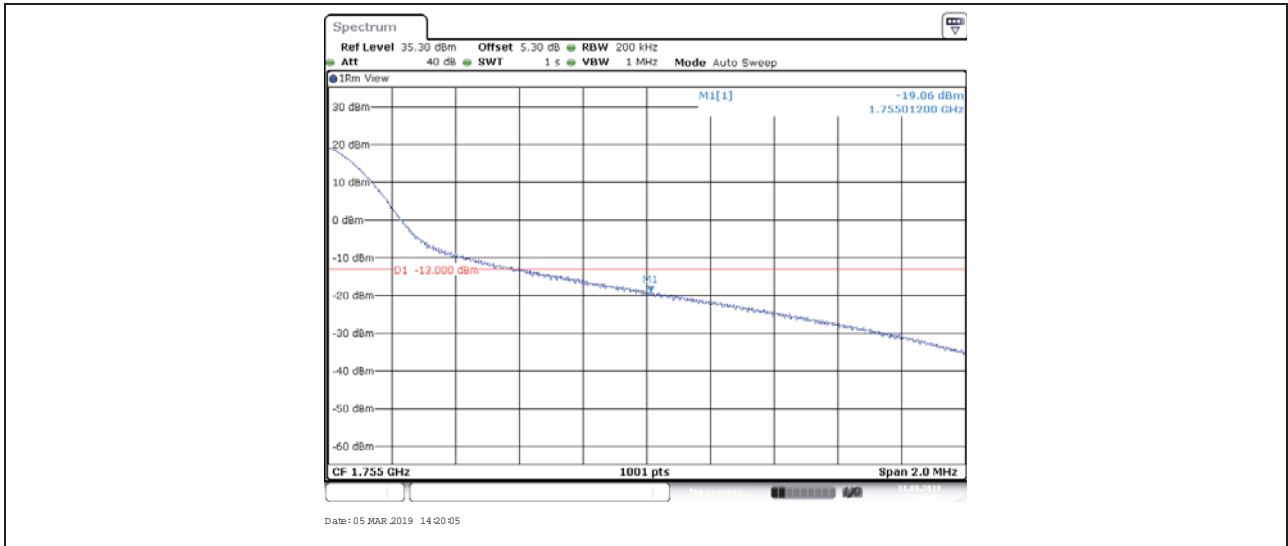


BAND4_20MHz_64QAM_20050_100RB#0

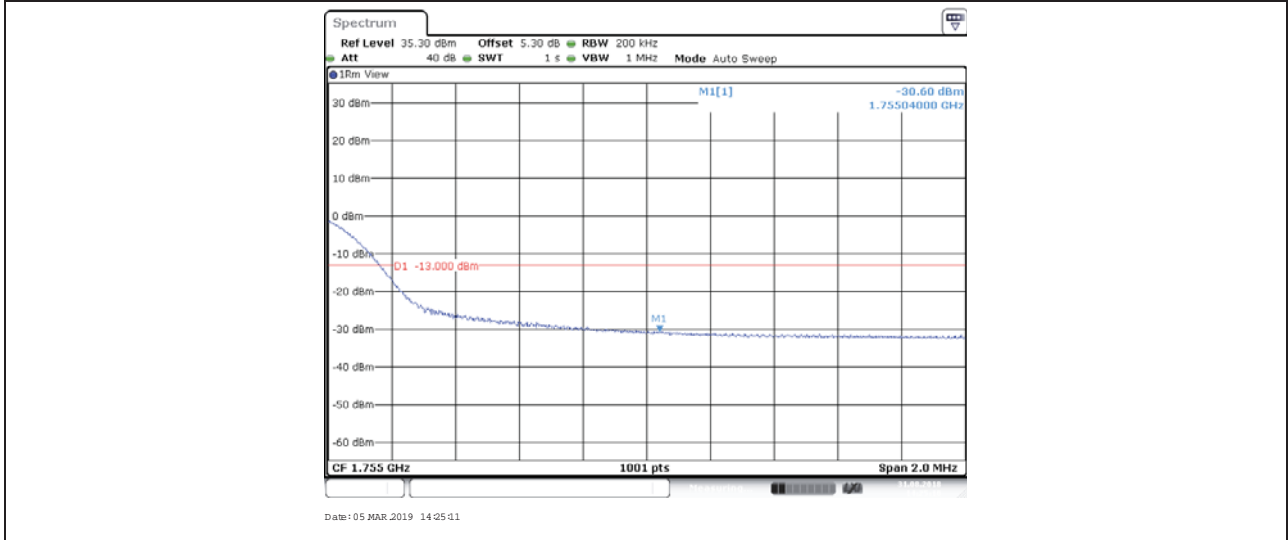


BAND4_20MHz_64QAM_20300_1RB#99



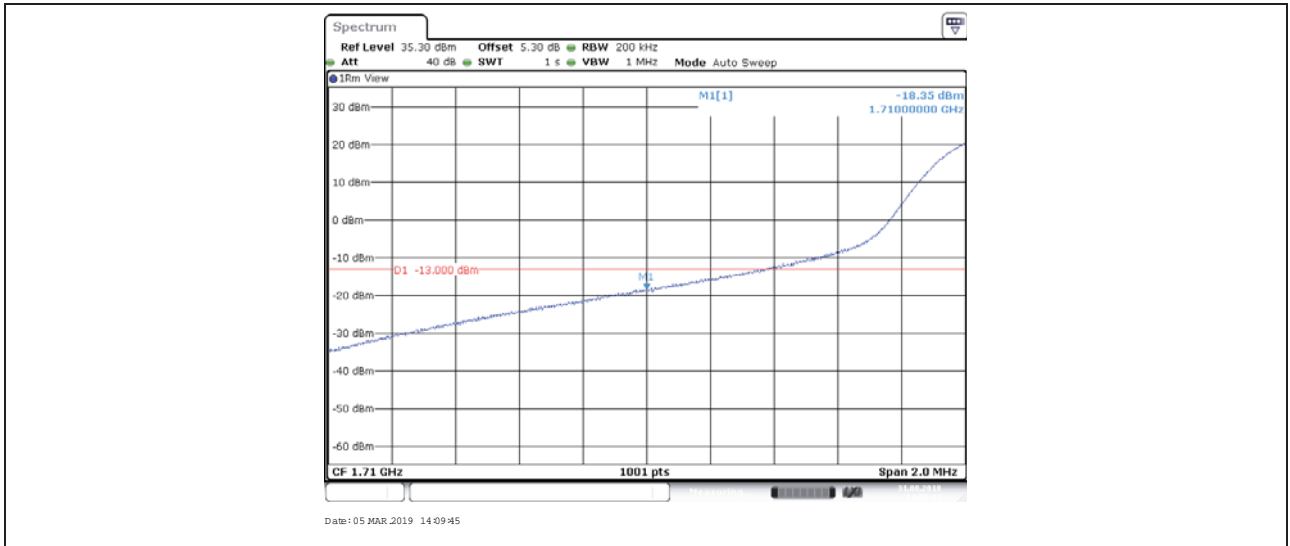


BAND4_20MHz_64QAM_20300_100RB#0

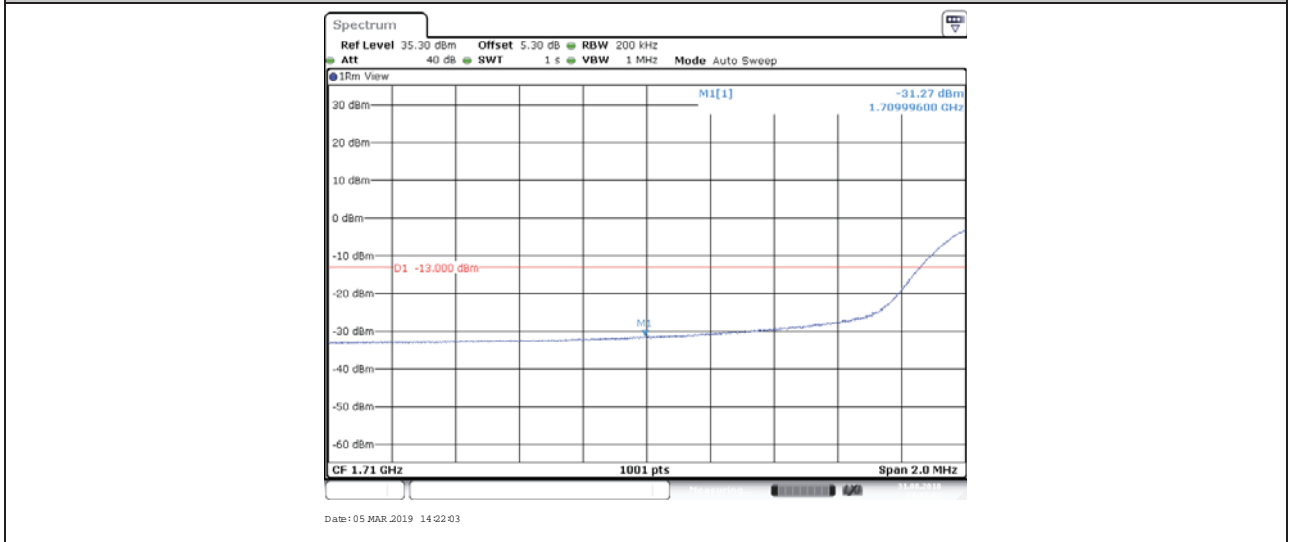


BAND4_20MHz_16QAM_20050_1RB#0



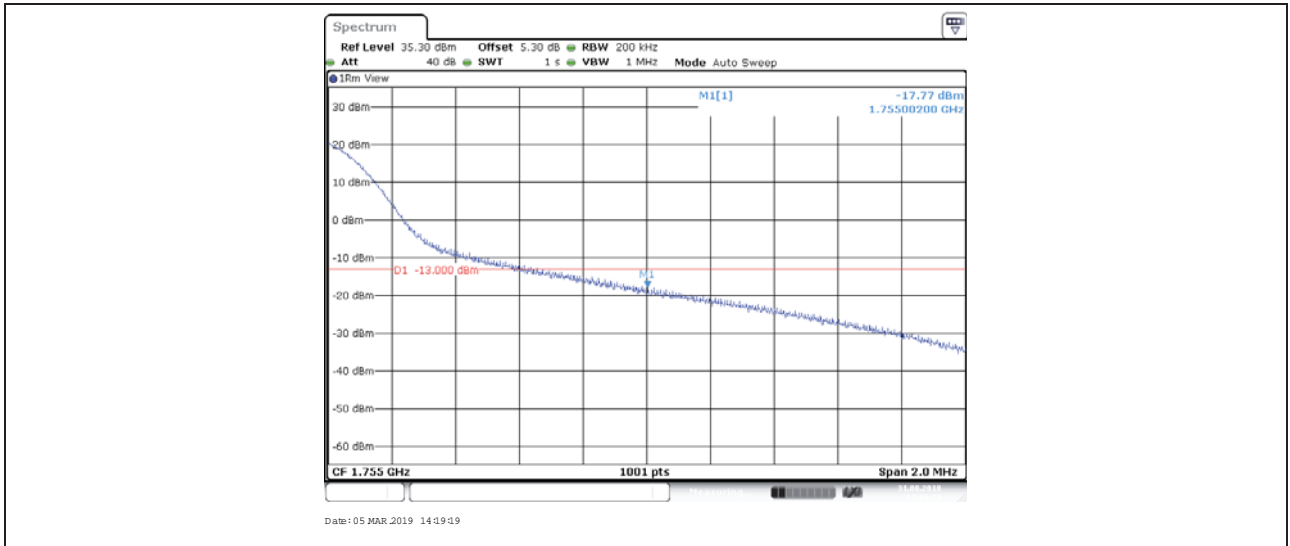


BAND4_20MHz_16QAM_20050_100RB#0

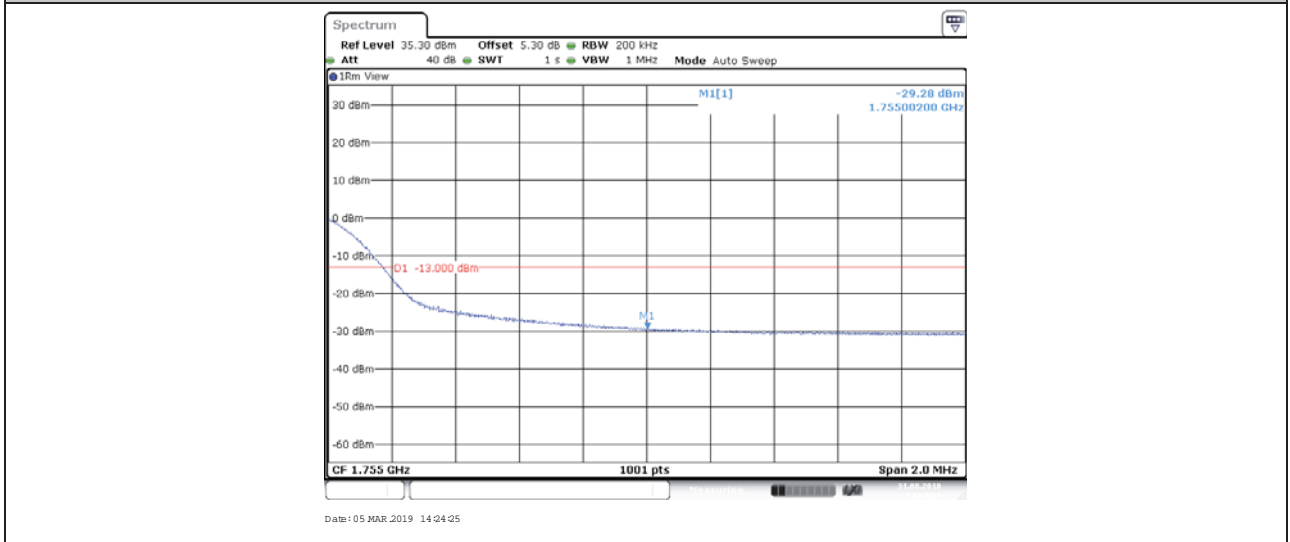


BAND4_20MHz_16QAM_20300_1RB#99





BAND4_20MHz_16QAM_20300_100RB#0

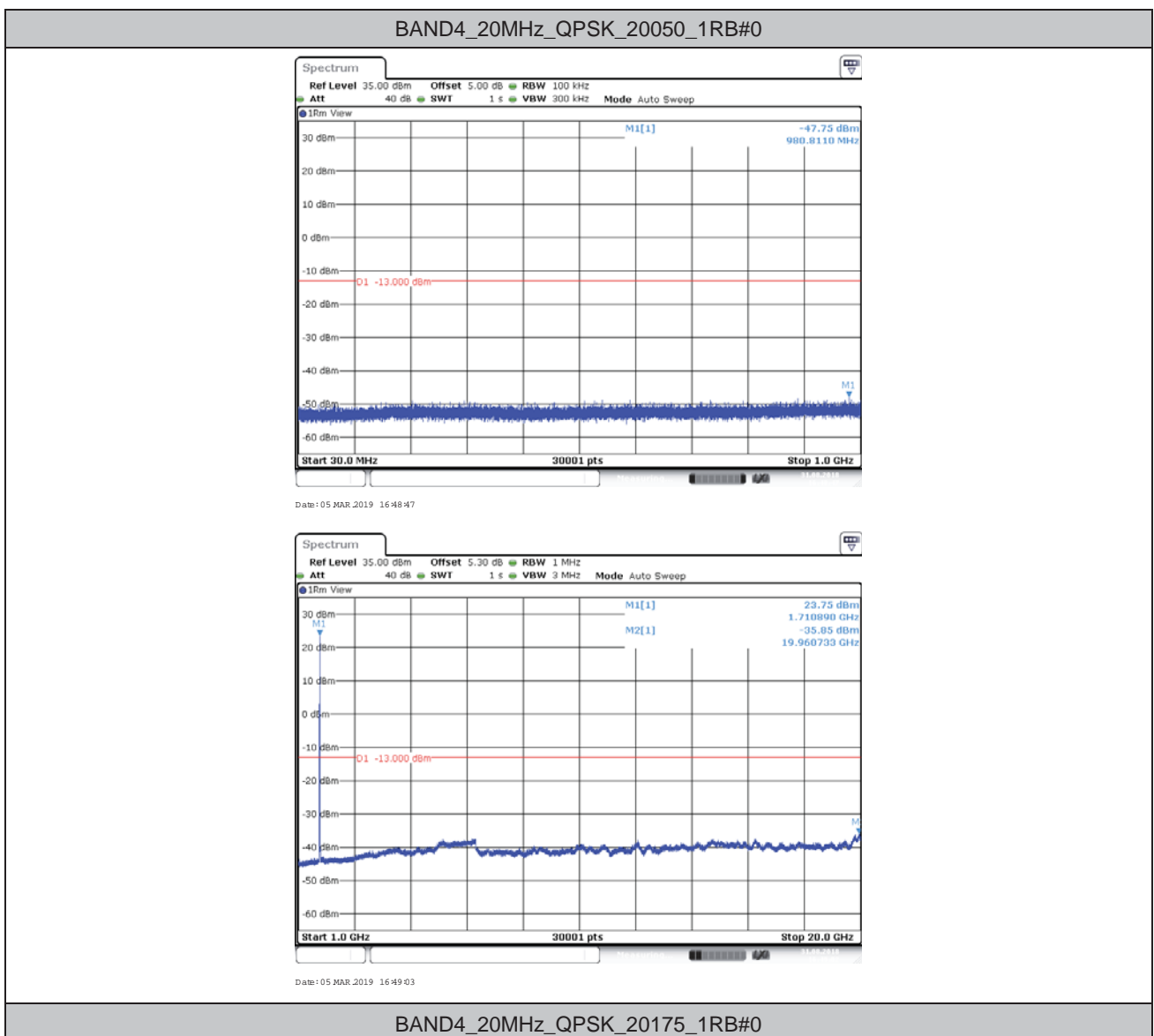


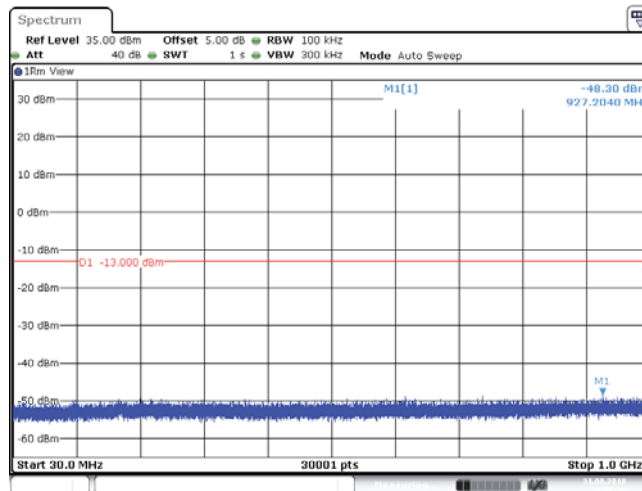
6. Spurious Emission at Antenna Terminal

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.

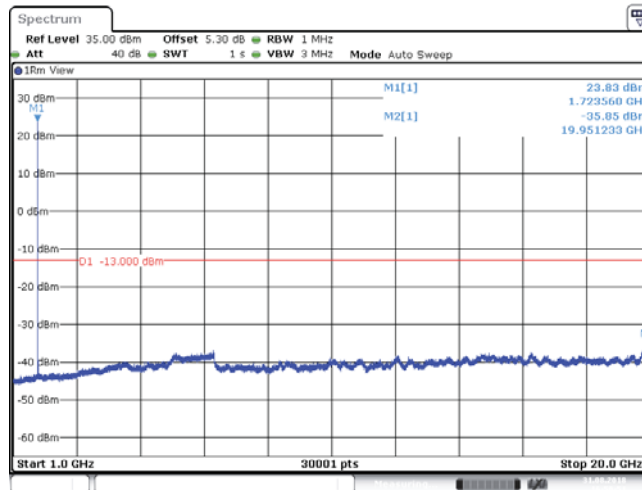
Remark2: only the worst case data displayed in this report.

6.1. Test Plots





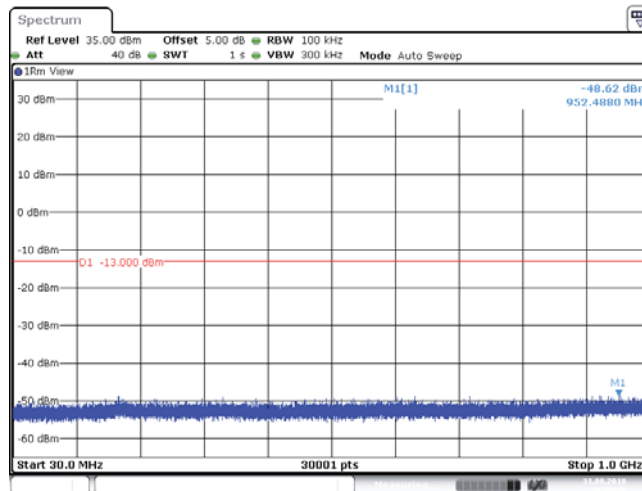
Date: 05 MAR 2019 16:50:36



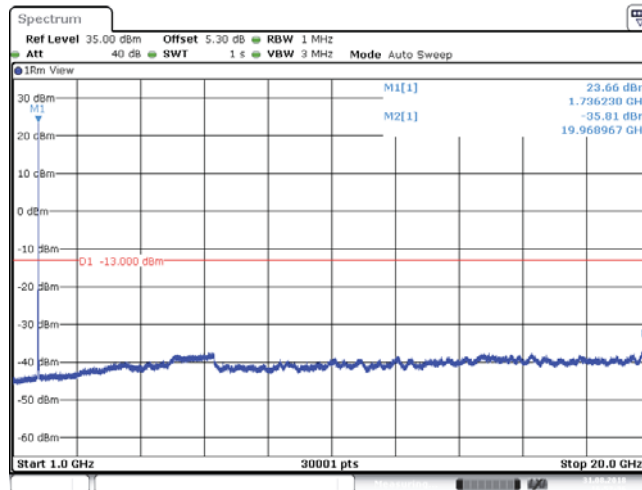
Date: 05 MAR 2019 16:50:52

BAND4_20MHz_QPSK_20300_1RB#0





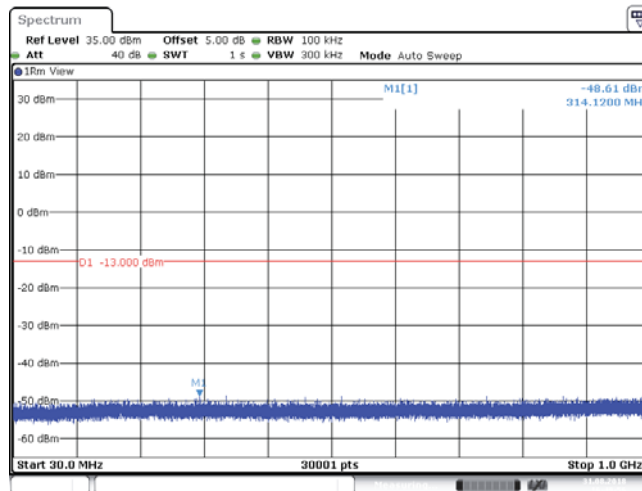
Date: 05 MAR 2019 16:52:20



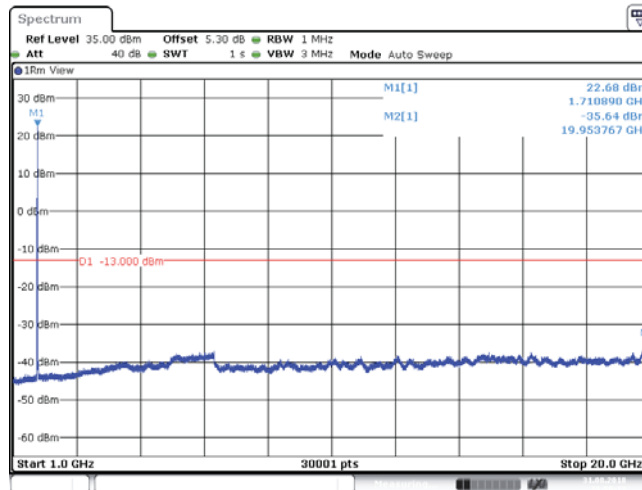
Date: 05 MAR 2019 16:52:36

BAND4_20MHz_64QAM_20050_1RB#0





Date: 05 MAR 2019 16:49:57



Date: 05 MAR 2019 16:50:13

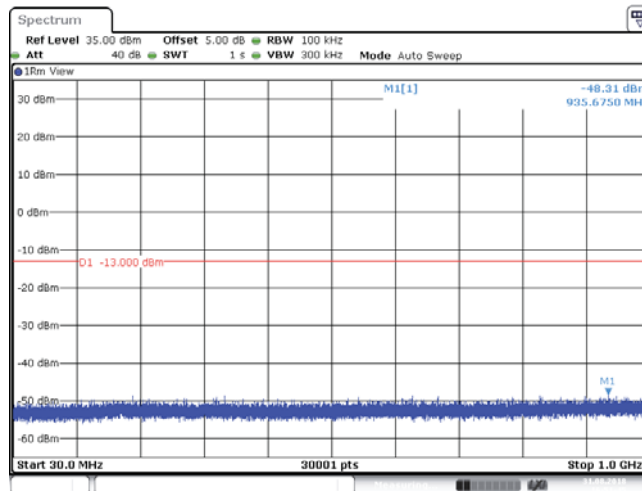
BAND4_20MHz_64QAM_20175_1RB#0



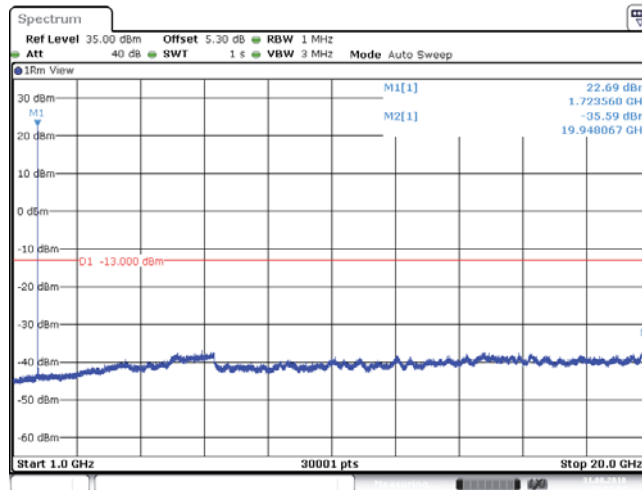
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Unless otherwise agreed in writing, 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.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



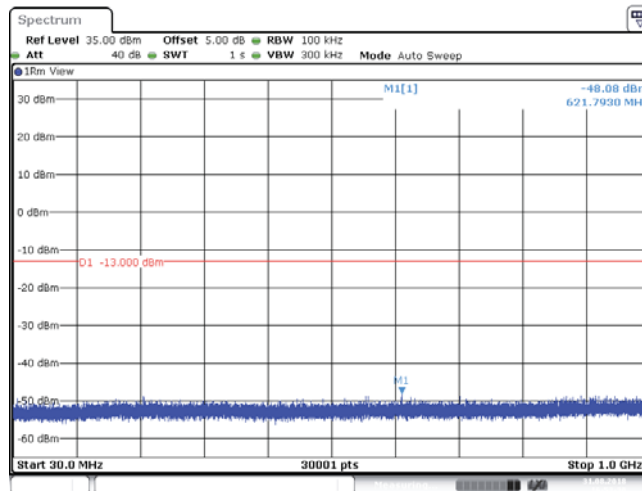
Date: 05 MAR 2019 16:51:45



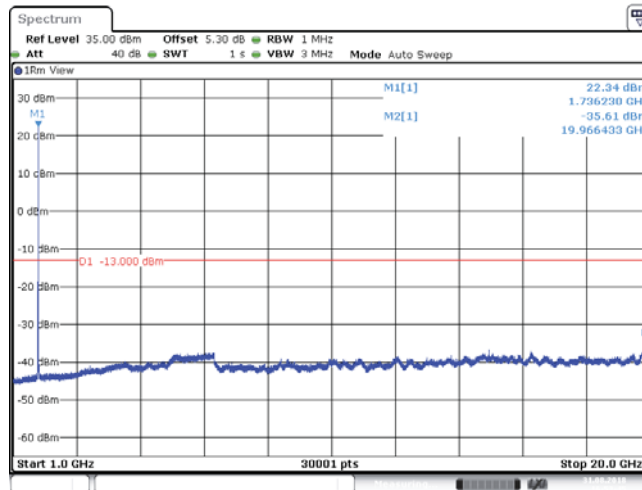
Date: 05 MAR 2019 16:52:01

BAND4_20MHz_64QAM_20300_1RB#0





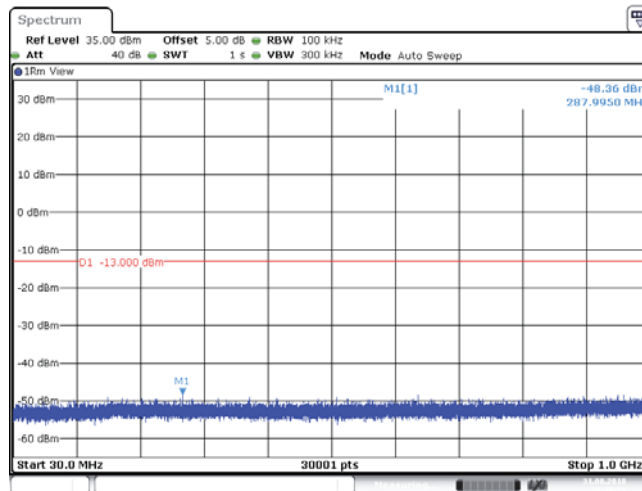
Date: 05 MAR 2019 16:53:30



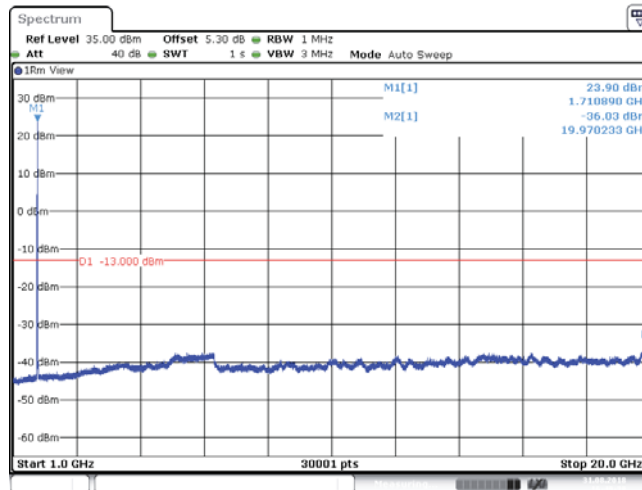
Date: 05 MAR 2019 16:53:46

BAND4_20MHz_16QAM_20050_1RB#0





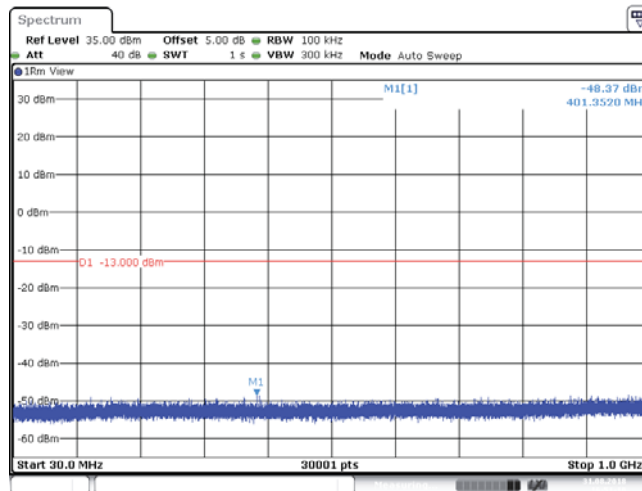
Date: 05 MAR 2019 16:49:22



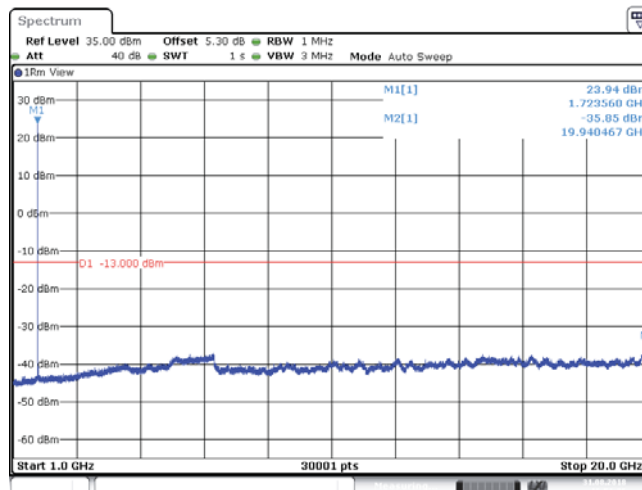
Date: 05 MAR 2019 16:49:38

BAND4_20MHz_16QAM_20175_1RB#0





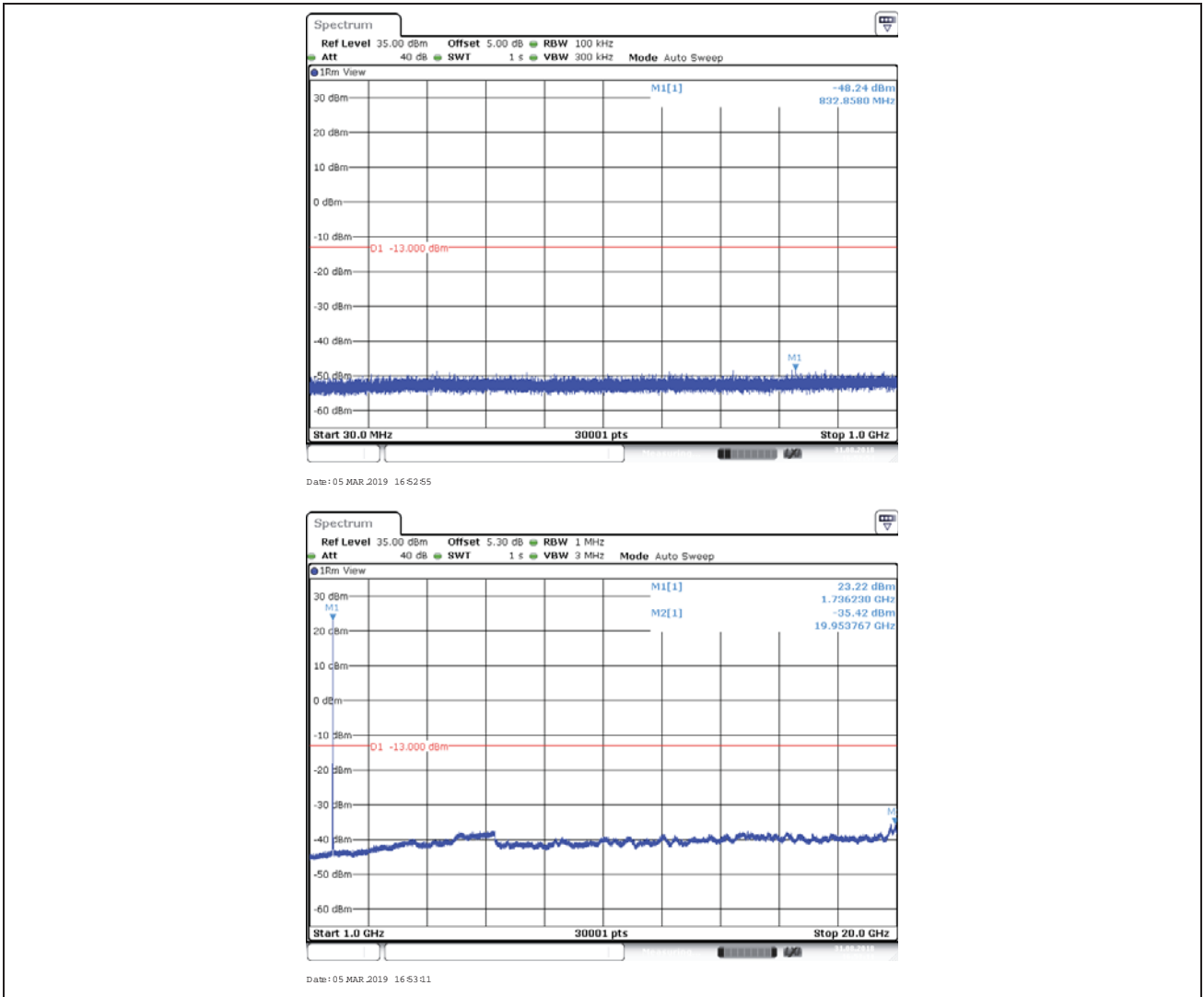
Date: 05 MAR 2019 16:51:41



Date: 05 MAR 2019 16:51:26

BAND4_20MHz_16QAM_20300_1RB#0





7. Field Strength of Spurious Radiation

7.1. Test BAND = LTE BAND 4

7.1.1. Test Mode = LTE/TM1 20MHz

7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.100000	-81.69	-13.00	68.69	Vertical
104.300000	-65.39	-13.00	52.39	Vertical
1362.500000	-58.88	-13.00	45.88	Vertical
3762.775000	-68.52	-13.00	55.52	Vertical
5132.975000	-64.09	-13.00	51.09	Vertical
7800.575000	-64.18	-13.00	51.18	Vertical
62.550000	-77.98	-13.00	64.98	Horizontal
104.300000	-80.83	-13.00	67.83	Horizontal
1362.500000	-59.97	-13.00	46.97	Horizontal
4196.000000	-67.30	-13.00	54.30	Horizontal
5133.300000	-64.39	-13.00	51.39	Horizontal
8555.225000	-63.66	-13.00	50.66	Horizontal

7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.200000	-81.78	-13.00	68.78	Vertical
104.250000	-65.34	-13.00	52.34	Vertical
1375.000000	-61.08	-13.00	48.08	Vertical
4020.175000	-67.76	-13.00	54.76	Vertical
5170.675000	-64.54	-13.00	51.54	Vertical
7950.725000	-63.72	-13.00	50.72	Vertical
62.400000	-77.77	-13.00	64.77	Horizontal
104.300000	-81.21	-13.00	68.21	Horizontal



Unless otherwise agreed in writing, 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.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

1375.000000	-60.95	-13.00	47.95	Horizontal
4452.100000	-67.36	-13.00	54.36	Horizontal
5170.350000	-65.38	-13.00	52.38	Horizontal
8617.625000	-62.92	-13.00	49.92	Horizontal

7.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.400000	-81.79	-13.00	68.79	Vertical
104.250000	-65.14	-13.00	52.14	Vertical
1387.500000	-60.62	-13.00	47.62	Vertical
3471.900000	-68.46	-13.00	55.46	Vertical
5208.050000	-63.77	-13.00	50.77	Vertical
8615.675000	-63.71	-13.00	50.71	Vertical
55.750000	-78.05	-13.00	65.05	Horizontal
104.300000	-80.97	-13.00	67.97	Horizontal
1387.500000	-60.80	-13.00	47.80	Horizontal
3870.675000	-68.60	-13.00	55.60	Horizontal
5208.050000	-64.62	-13.00	51.62	Horizontal
8680.350000	-63.37	-13.00	50.37	Horizontal

Remark:

- 1) The disturbance above 12.75GHz and 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.



Unless otherwise agreed in writing, 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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

8. Frequency Stability

8.1. Frequency Vs Voltage

BAND	Bandwidth	Modulation	Channel	Voltage							Verdict
				RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)		
BAND4	20MHz	QPSK	20050	100RB#0	VL	NT	0.80	0.000465	±2.5	PASS	
				100RB#0	VN	NT	0.90	0.000523	±2.5	PASS	
				100RB#0	VH	NT	1.90	0.001105	±2.5	PASS	
			20175	100RB#0	VL	NT	1.60	0.000924	±2.5	PASS	
				100RB#0	VN	NT	2.90	0.001674	±2.5	PASS	
				100RB#0	VH	NT	0.30	0.000173	±2.5	PASS	
			20300	100RB#0	VL	NT	2.60	0.001490	±2.5	PASS	
				100RB#0	VN	NT	1.50	0.000860	±2.5	PASS	
				100RB#0	VH	NT	2.20	0.001261	±2.5	PASS	
		64QAM	20050	100RB#0	VL	NT	1.10	0.000640	±2.5	PASS	
				100RB#0	VN	NT	-0.10	-0.000058	±2.5	PASS	
				100RB#0	VH	NT	3.00	0.001744	±2.5	PASS	
			20175	100RB#0	VL	NT	2.60	0.001501	±2.5	PASS	
				100RB#0	VN	NT	1.90	0.001097	±2.5	PASS	
				100RB#0	VH	NT	2.00	0.001154	±2.5	PASS	
			20300	100RB#0	VL	NT	0.30	0.000172	±2.5	PASS	
				100RB#0	VN	NT	1.10	0.000630	±2.5	PASS	
				100RB#0	VH	NT	2.30	0.001318	±2.5	PASS	
		16QAM	20050	100RB#0	VL	NT	2.30	0.001337	±2.5	PASS	
				100RB#0	VN	NT	3.40	0.001977	±2.5	PASS	
				100RB#0	VH	NT	2.70	0.001570	±2.5	PASS	
			20175	100RB#0	VL	NT	0.80	0.000462	±2.5	PASS	
				100RB#0	VN	NT	3.00	0.001732	±2.5	PASS	
				100RB#0	VH	NT	3.30	0.001905	±2.5	PASS	
			20300	100RB#0	VL	NT	2.50	0.001433	±2.5	PASS	
				100RB#0	VN	NT	2.20	0.001261	±2.5	PASS	
				100RB#0	VH	NT	0.70	0.000401	±2.5	PASS	





8.2. Frequency Vs Temperature

BAND	Bandwidth	Modulation	Channel	Temperature						Verdict
				RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	
BAND4	20MHz	QPSK	20050	100RB#0	NV	-30	2.50	0.001453	±2.5	PASS
				100RB#0	NV	-20	-1.30	-0.000756	±2.5	PASS
				100RB#0	NV	-10	2.30	0.001337	±2.5	PASS
				100RB#0	NV	0	0.50	0.000291	±2.5	PASS
				100RB#0	NV	10	0.70	0.000407	±2.5	PASS
				100RB#0	NV	20	2.20	0.001279	±2.5	PASS
				100RB#0	NV	30	2.10	0.001221	±2.5	PASS
				100RB#0	NV	40	2.50	0.001453	±2.5	PASS
			20175	100RB#0	NV	50	0.50	0.000291	±2.5	PASS
				100RB#0	NV	-30	2.80	0.001616	±2.5	PASS
				100RB#0	NV	-20	1.60	0.000924	±2.5	PASS
				100RB#0	NV	-10	1.90	0.001097	±2.5	PASS
				100RB#0	NV	0	2.30	0.001328	±2.5	PASS
				100RB#0	NV	10	2.20	0.001270	±2.5	PASS
				100RB#0	NV	20	2.70	0.001558	±2.5	PASS
				100RB#0	NV	30	1.90	0.001097	±2.5	PASS
			20300	100RB#0	NV	40	2.30	0.001328	±2.5	PASS
				100RB#0	NV	50	2.00	0.001154	±2.5	PASS
				100RB#0	NV	-30	2.70	0.001547	±2.5	PASS
				100RB#0	NV	-20	1.10	0.000630	±2.5	PASS
				100RB#0	NV	-10	1.80	0.001032	±2.5	PASS
				100RB#0	NV	0	2.20	0.001261	±2.5	PASS
				100RB#0	NV	10	2.10	0.001203	±2.5	PASS
				100RB#0	NV	20	1.40	0.000802	±2.5	PASS
		16QAM	100RB#0	NV	30	1.30	0.000745	±2.5	PASS	
			100RB#0	NV	40	2.70	0.001547	±2.5	PASS	
			100RB#0	NV	50	0.50	0.000287	±2.5	PASS	
			20050	100RB#0	NV	-30	1.70	0.000988	±2.5	PASS
				100RB#0	NV	-20	1.60	0.000930	±2.5	PASS
				100RB#0	NV	-10	2.20	0.001279	±2.5	PASS
				100RB#0	NV	0	0.90	0.000523	±2.5	PASS
				100RB#0	NV	10	0.80	0.000465	±2.5	PASS
				100RB#0	NV	20	1.40	0.000814	±2.5	PASS
				100RB#0	NV	30	1.90	0.001105	±2.5	PASS
				100RB#0	NV	40	3.30	0.001919	±2.5	PASS
			20175	100RB#0	NV	50	2.60	0.001512	±2.5	PASS
				100RB#0	NV	-30	1.20	0.000693	±2.5	PASS
			100RB#0	NV	-20	0.60	0.000346	±2.5	PASS	



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

Unless otherwise agreed in writing, 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.
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



				100RB#0	NV	-10	0.60	0.000346	±2.5	PASS	
				100RB#0	NV	0	0.80	0.000462	±2.5	PASS	
				100RB#0	NV	10	2.60	0.001501	±2.5	PASS	
				100RB#0	NV	20	1.60	0.000924	±2.5	PASS	
				100RB#0	NV	30	0.90	0.000519	±2.5	PASS	
				100RB#0	NV	40	2.30	0.001328	±2.5	PASS	
				100RB#0	NV	50	0.10	0.000058	±2.5	PASS	
				20300	100RB#0	NV	-30	2.00	0.001146	±2.5	PASS
					100RB#0	NV	-20	2.70	0.001547	±2.5	PASS
					100RB#0	NV	-10	0.10	0.000057	±2.5	PASS
					100RB#0	NV	0	1.10	0.000630	±2.5	PASS
					100RB#0	NV	10	2.00	0.001146	±2.5	PASS
					100RB#0	NV	20	2.20	0.001261	±2.5	PASS
					100RB#0	NV	30	0.20	0.000115	±2.5	PASS
			20050	100RB#0	NV	40	1.70	0.000974	±2.5	PASS	
				100RB#0	NV	50	1.60	0.000917	±2.5	PASS	
				100RB#0	NV	-30	2.50	0.001453	±2.5	PASS	
				100RB#0	NV	-20	3.00	0.001744	±2.5	PASS	
				100RB#0	NV	-10	1.80	0.001047	±2.5	PASS	
				100RB#0	NV	0	2.20	0.001279	±2.5	PASS	
				100RB#0	NV	10	0.30	0.000174	±2.5	PASS	
				100RB#0	NV	20	1.20	0.000698	±2.5	PASS	
				100RB#0	NV	30	1.10	0.000640	±2.5	PASS	
				100RB#0	NV	40	3.80	0.002209	±2.5	PASS	
				100RB#0	NV	50	1.50	0.000872	±2.5	PASS	
				20175	100RB#0	NV	-30	3.00	0.001732	±2.5	PASS
					100RB#0	NV	-20	3.30	0.001905	±2.5	PASS
					100RB#0	NV	-10	2.90	0.001674	±2.5	PASS
			100RB#0		NV	0	2.80	0.001616	±2.5	PASS	
			100RB#0		NV	10	1.60	0.000924	±2.5	PASS	
			100RB#0		NV	20	1.50	0.000866	±2.5	PASS	
			100RB#0		NV	30	1.60	0.000924	±2.5	PASS	
			100RB#0		NV	40	3.50	0.002020	±2.5	PASS	
			20300	100RB#0	NV	50	1.20	0.000693	±2.5	PASS	
				100RB#0	NV	-30	3.00	0.001719	±2.5	PASS	
				100RB#0	NV	-20	2.70	0.001547	±2.5	PASS	
				100RB#0	NV	-10	1.20	0.000688	±2.5	PASS	
				100RB#0	NV	0	-0.10	-0.000057	±2.5	PASS	
				100RB#0	NV	10	1.80	0.001032	±2.5	PASS	
				100RB#0	NV	20	2.10	0.001203	±2.5	PASS	
100RB#0	NV	30		2.90	0.001662	±2.5	PASS				
100RB#0	NV	40	1.90	0.001089	±2.5	PASS					
100RB#0	NV	50	2.20	0.001261	±2.5	PASS					

The End

