



Report No.: GZEM180700395402

Page: 65 of 103

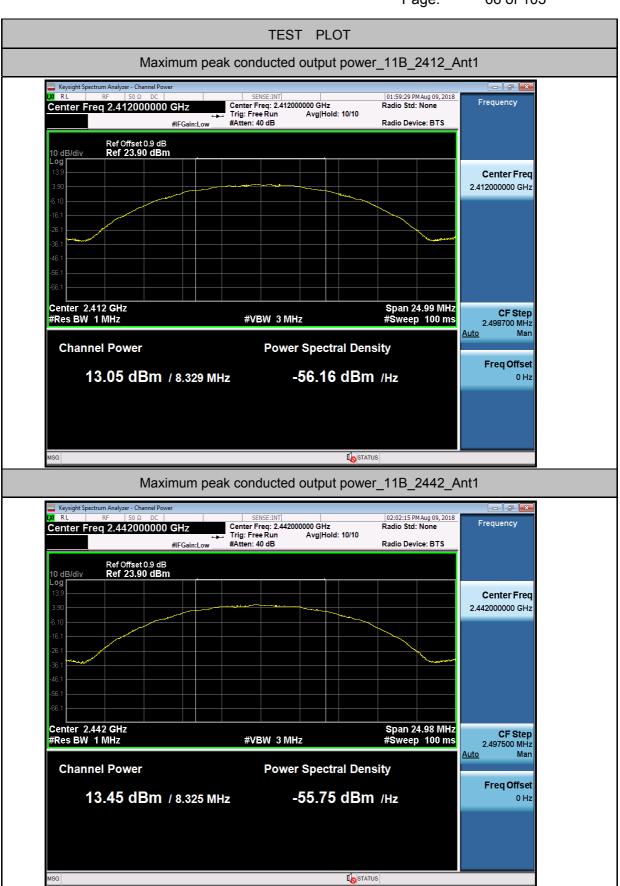
#### 2.Maximum peak conducted output power

Test Mode	Test Channel	Ant	Power[dBm]	Limit[dBm]	Verdict
11B	2412	Ant1	13.05	30	PASS
11B	2442	Ant1	13.45	30	PASS
11B	2462	Ant1	13.81	30	PASS
11G	2412	Ant1	13.48	30	PASS
11G	2442	Ant1	13.72	30	PASS
11G	2462	Ant1	14.04	30	PASS
11N20SISO	2412	Ant1	13.33	30	PASS
11N20SISO	2442	Ant1	13.49	30	PASS
11N20SISO	2462	Ant1	13.81	30	PASS
11N40SISO	2422	Ant1	12.21	30	PASS
11N40SISO	2442	Ant1	12.37	30	PASS
11N40SISO	2452	Ant1	12.53	30	PASS



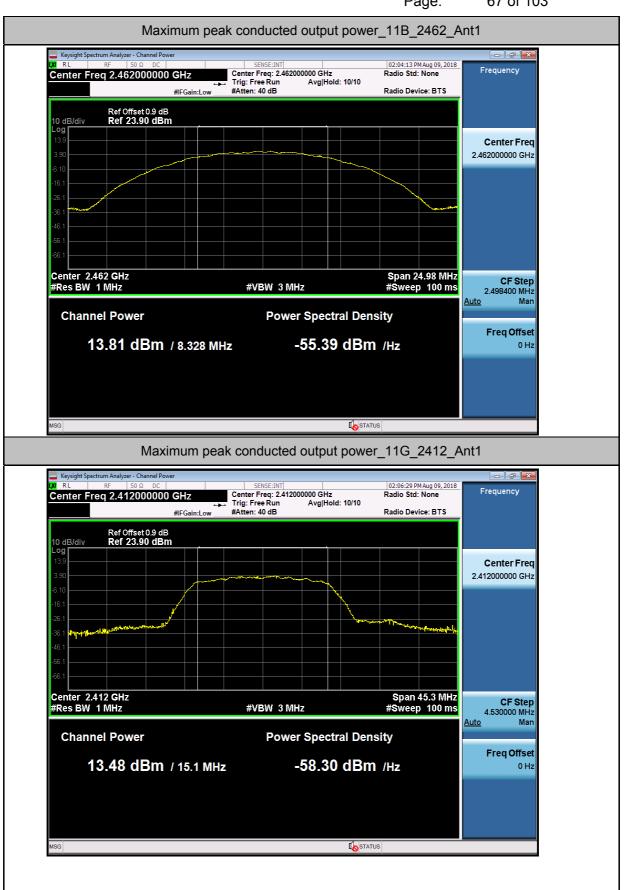
Report No.: GZEM180700395402

Page: 66 of 103



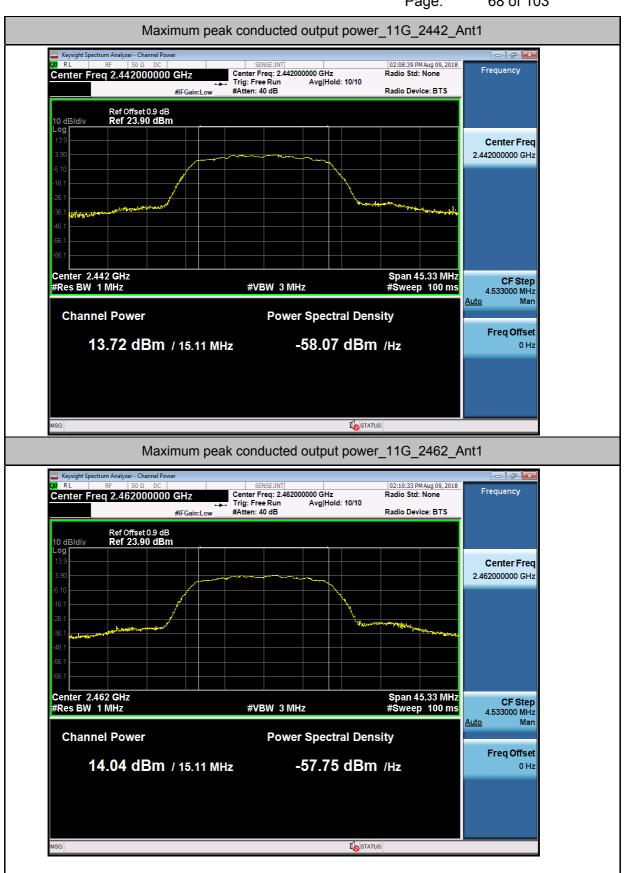


Report No.: GZEM180700395402





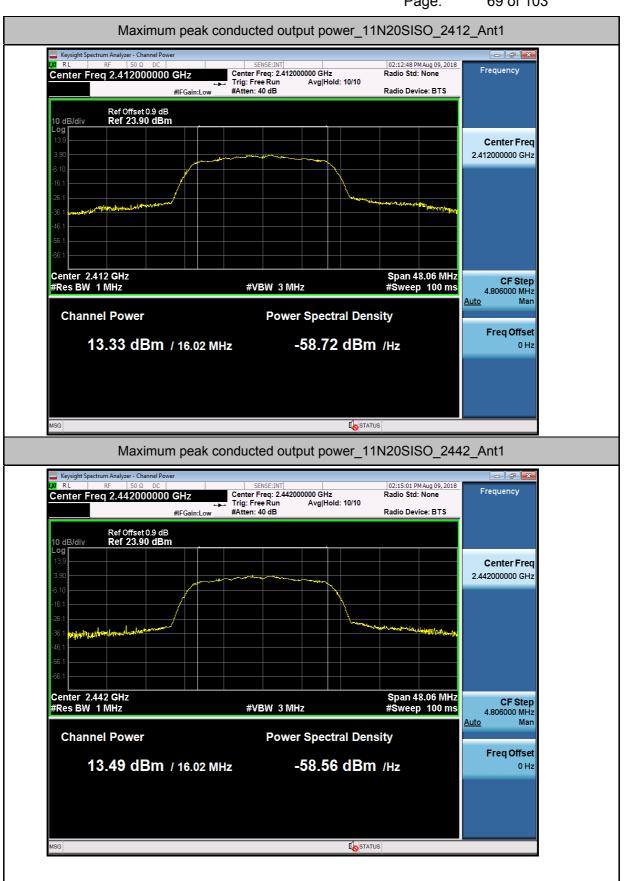
Report No.: GZEM180700395402





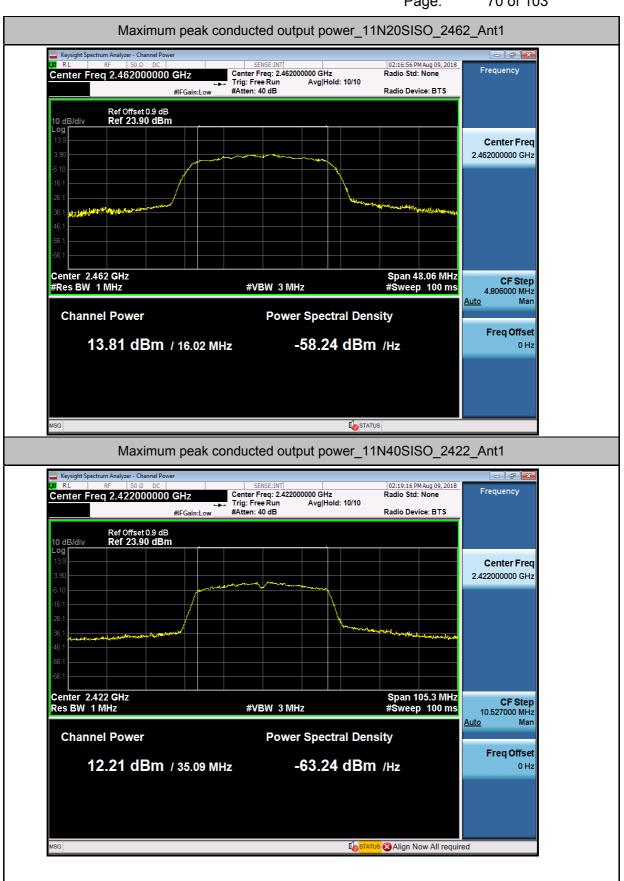
Report No.: GZEM180700395402

Page: 69 of 103





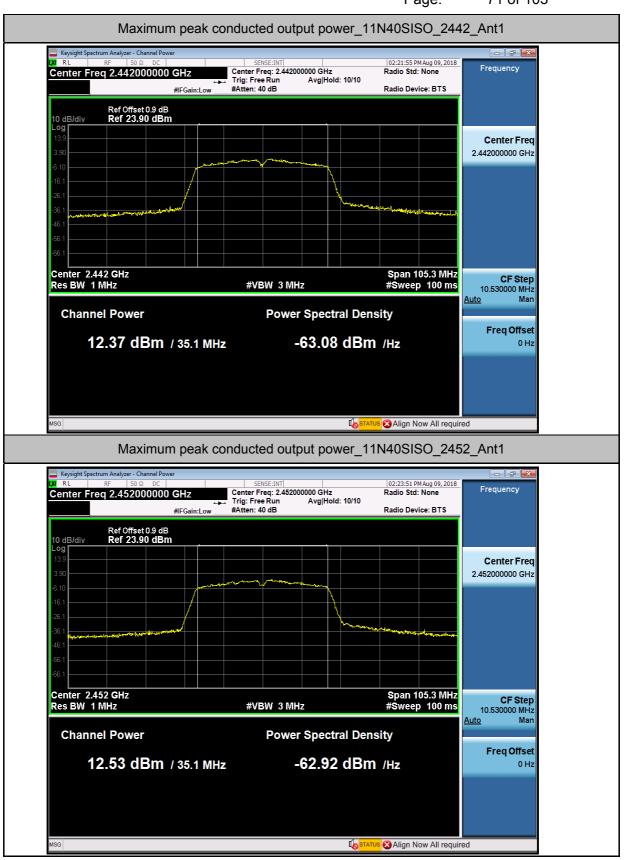
Report No.: GZEM180700395402





Report No.: GZEM180700395402

Page: 71 of 103





Report No.: GZEM180700395402

Page: 72 of 103

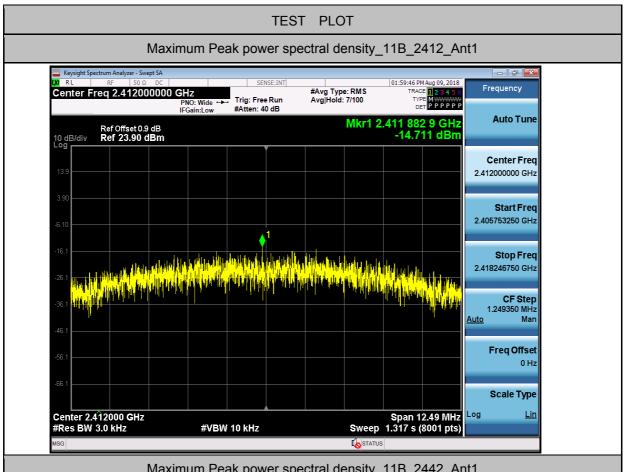
#### 3. Maximum Peak power spectral density

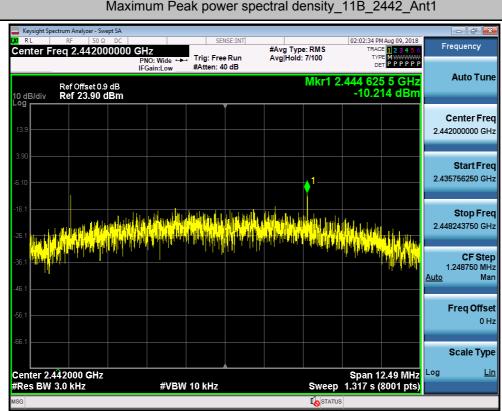
Test Mode	Test Channel	Ant	Result	Limit[dBm/3kHz]	Verdict
11B	2412	Ant1	-14.711	8.00	PASS
11B	2442	Ant1	-10.214	8.00	PASS
11B	2462	Ant1	-2.776	8.00	PASS
11G	2412	Ant1	-20.311	8.00	PASS
11G	2442	Ant1	-20.395	8.00	PASS
11G	2462	Ant1	-21.12	8.00	PASS
11N20SISO	2412	Ant1	-20.399	8.00	PASS
11N20SISO	2442	Ant1	-21.106	8.00	PASS
11N20SISO	2462	Ant1	-20.016	8.00	PASS
11N40SISO	2422	Ant1	-24.626	8.00	PASS
11N40SISO	2442	Ant1	-24.805	8.00	PASS
11N40SISO	2452	Ant1	-23.877	8.00	PASS



Report No.: GZEM180700395402

Page: 73 of 103



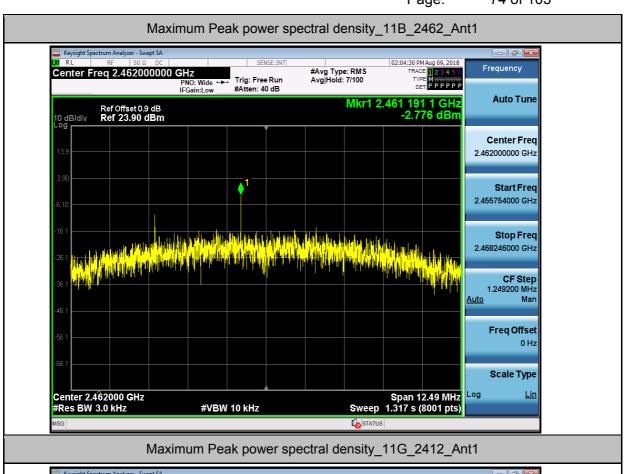


This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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.



Report No.: GZEM180700395402

Page: 74 of 103







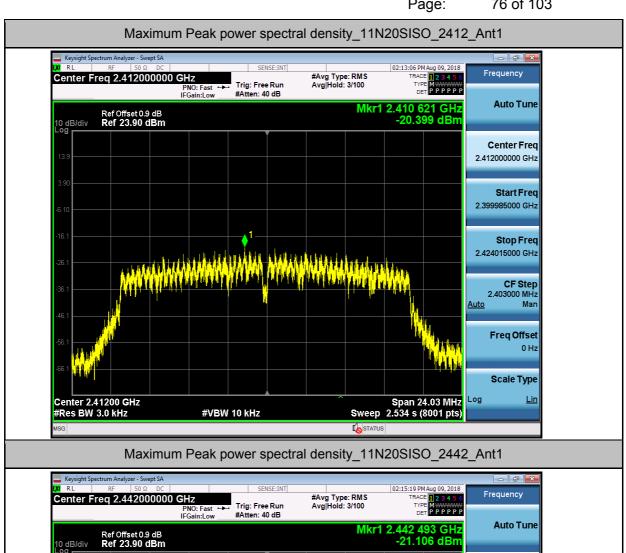
Report No.: GZEM180700395402





Report No.: GZEM180700395402

76 of 103 Page:





This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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 unlawfull 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.



Center 2.42200 GHz #Res BW 3.0 kHz

# SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Report No.: GZEM180700395402

Stop Freq 2.448317500 GHz

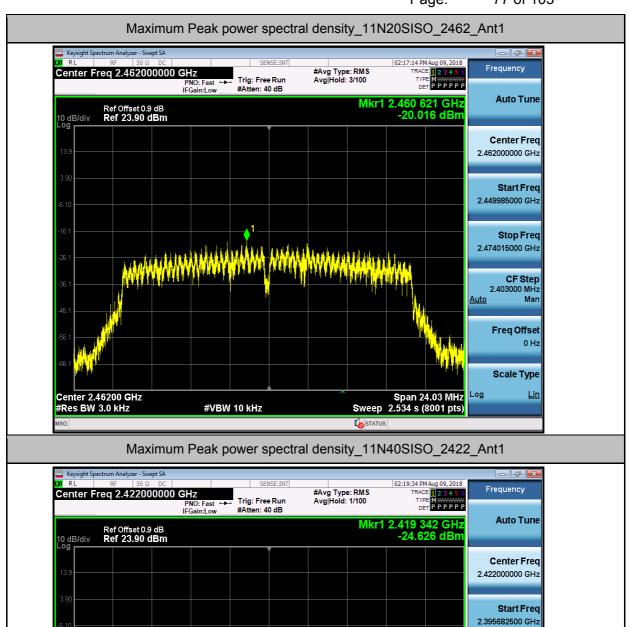
> CF Step 5.263500 MHz

Freq Offset 0 Hz

Scale Type

<u>Lin</u>

Page: 77 of 103



**#VBW 10 kHz** 

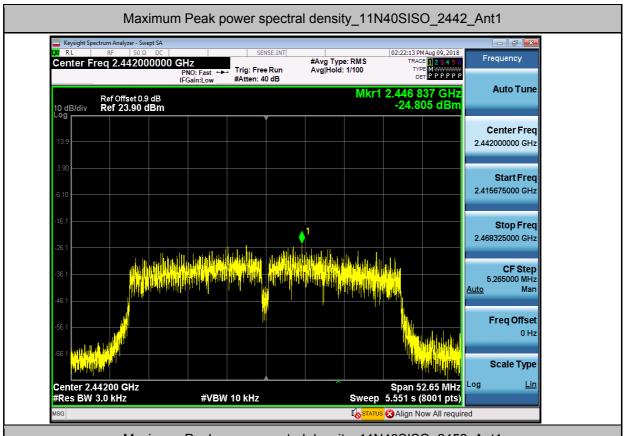
Span 52.64 MHz Sweep 5.550 s (8001 pts)

Align Now All required

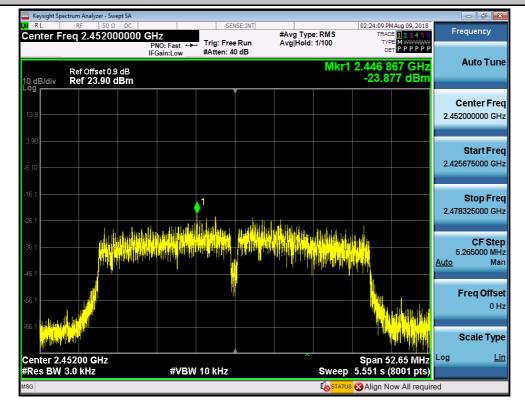


Report No.: GZEM180700395402

Page: 78 of 103







This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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.



Report No.: GZEM180700395402

Page: 79 of 103

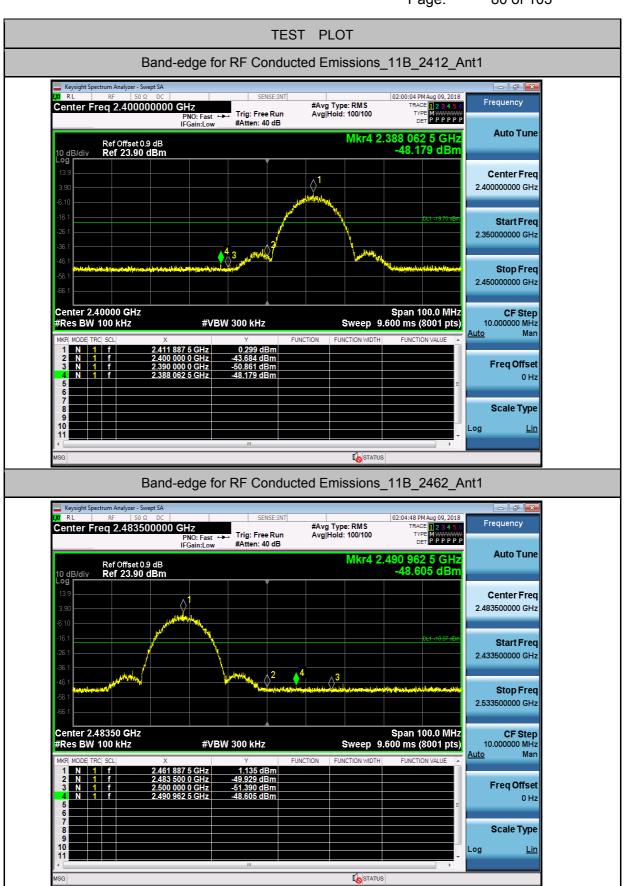
#### 4.Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Ant	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	0.299	-48.179	-19.7	PASS
11B	2462	Ant1	1.135	-48.605	-18.87	PASS
11G	2412	Ant1	-4.918	-47.949	-24.92	PASS
11G	2462	Ant1	-4.314	-46.912	-24.31	PASS
11N20SISO	2412	Ant1	-4.649	-47.631	-24.65	PASS
11N20SISO	2462	Ant1	-4.162	-46.242	-24.16	PASS
11N40SISO	2422	Ant1	-8.482	-47.705	-28.48	PASS
11N40SISO	2452	Ant1	-8.271	-42.221	-28.27	PASS



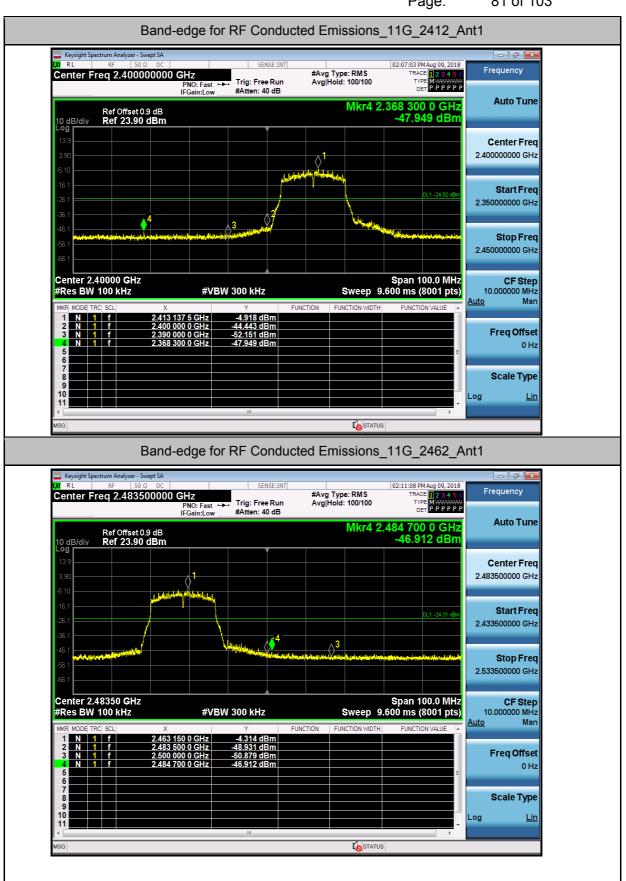
Report No.: GZEM180700395402

Page: 80 of 103



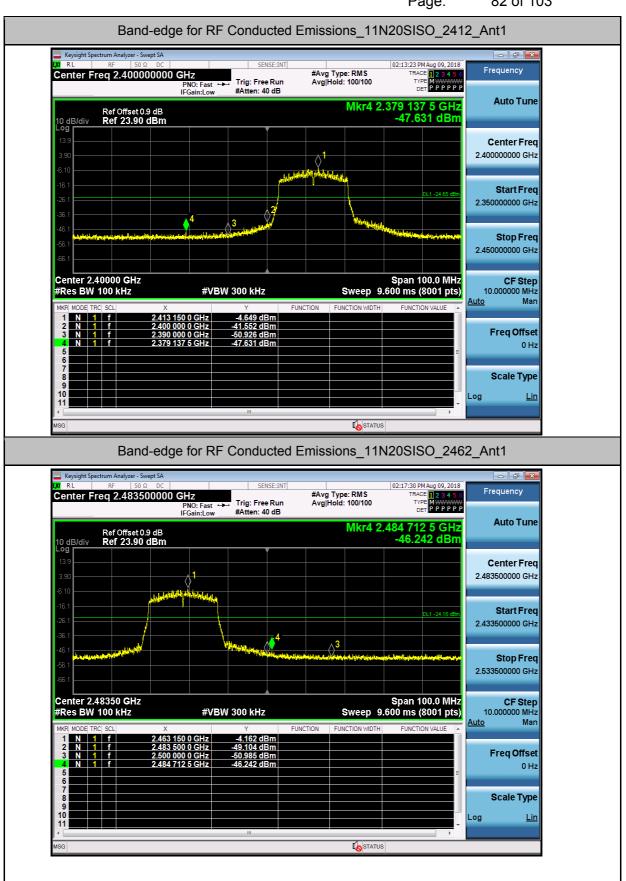


Report No.: GZEM180700395402



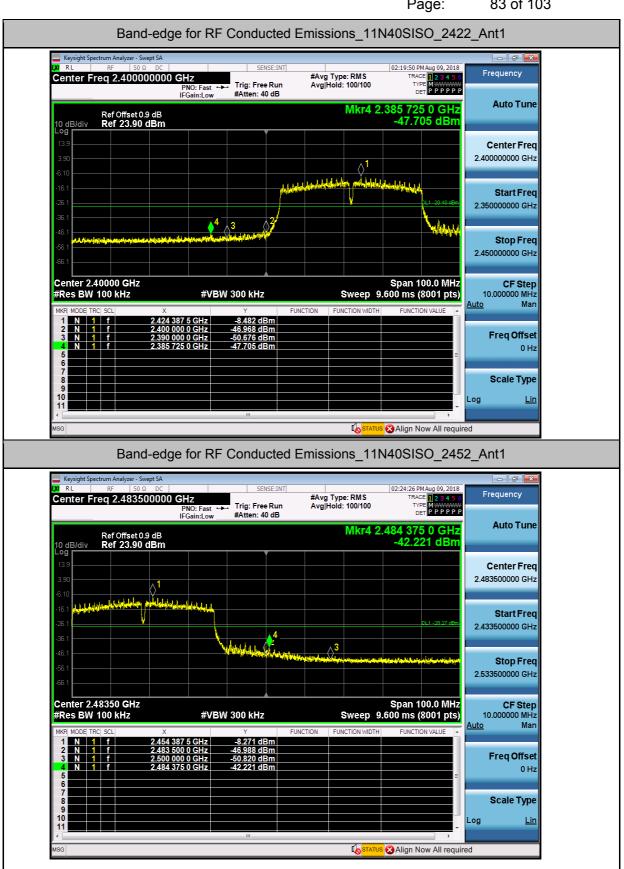


Report No.: GZEM180700395402





Report No.: GZEM180700395402





Report No.: GZEM180700395402

Page: 84 of 103

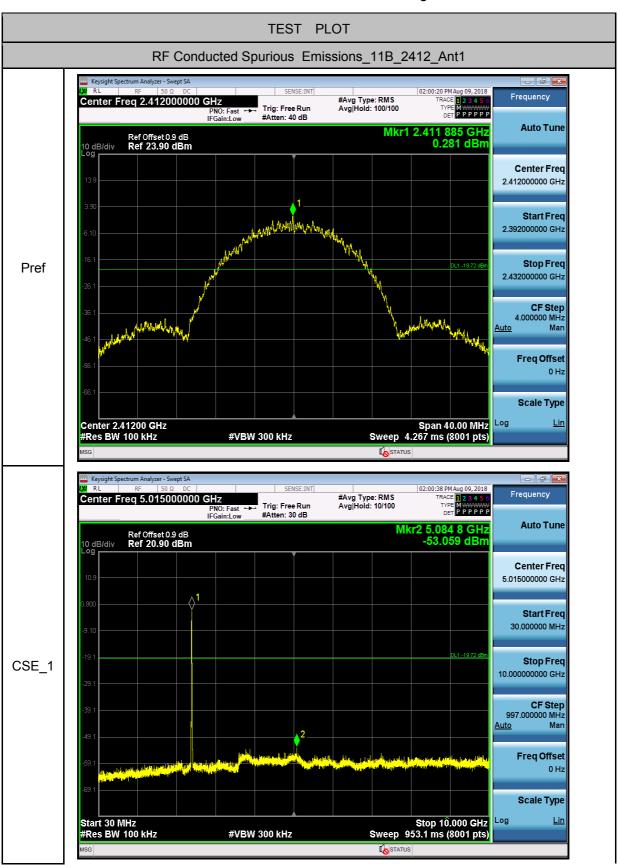
#### **5.RF Conducted Spurious Emissions**

Test Mode	Test Channel	Ant	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	30	10000	100	300	0.281	-53.059	<-19.719	PASS
11B	2412	Ant1	10000	26000	100	300	0.281	-51.906	<-19.719	PASS
11B	2442	Ant1	30	10000	100	300	0.741	-54.154	<-19.259	PASS
11B	2442	Ant1	10000	26000	100	300	0.741	-50.601	<-19.259	PASS
11B	2462	Ant1	30	10000	100	300	1.201	-48.034	<-18.799	PASS
11B	2462	Ant1	10000	26000	100	300	1.201	-51.586	<-18.799	PASS
11G	2412	Ant1	30	10000	100	300	-4.94	-54.599	<-24.94	PASS
11G	2412	Ant1	10000	26000	100	300	-4.94	-51.776	<-24.94	PASS
11G	2442	Ant1	30	10000	100	300	-4.566	-54.042	<-24.566	PASS
11G	2442	Ant1	10000	26000	100	300	-4.566	-51.211	<-24.566	PASS
11G	2462	Ant1	30	10000	100	300	-4.27	-54.225	<-24.27	PASS
11G	2462	Ant1	10000	26000	100	300	-4.27	-51.580	<-24.27	PASS
11N20SISO	2412	Ant1	30	10000	100	300	-4.793	-53.795	<-24.793	PASS
11N20SISO	2412	Ant1	10000	26000	100	300	-4.793	-51.397	<-24.793	PASS
11N20SISO	2442	Ant1	30	10000	100	300	-4.613	-54.018	<-24.613	PASS
11N20SISO	2442	Ant1	10000	26000	100	300	-4.613	-51.669	<-24.613	PASS
11N20SISO	2462	Ant1	30	10000	100	300	-4.214	-54.100	<-24.214	PASS
11N20SISO	2462	Ant1	10000	26000	100	300	-4.214	-51.450	<-24.214	PASS
11N40SISO	2422	Ant1	30	10000	100	300	-8.514	-54.308	<-28.514	PASS
11N40SISO	2422	Ant1	10000	26000	100	300	-8.514	-51.676	<-28.514	PASS
11N40SISO	2442	Ant1	30	10000	100	300	-8.453	-53.226	<-28.453	PASS
11N40SISO	2442	Ant1	10000	26000	100	300	-8.453	-51.398	<-28.453	PASS
11N40SISO	2452	Ant1	30	10000	100	300	-8.317	-54.244	<-28.317	PASS
11N40SISO	2452	Ant1	10000	26000	100	300	-8.317	-51.525	<-28.317	PASS



Report No.: GZEM180700395402

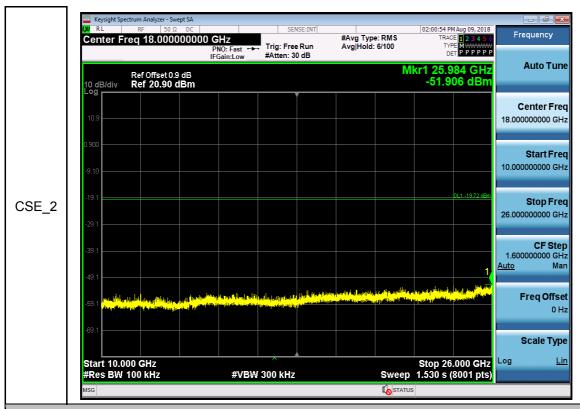
Page: 85 of 103



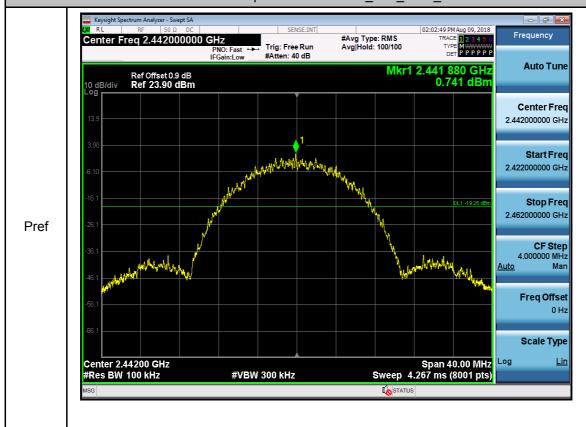


Report No.: GZEM180700395402

Page: 86 of 103



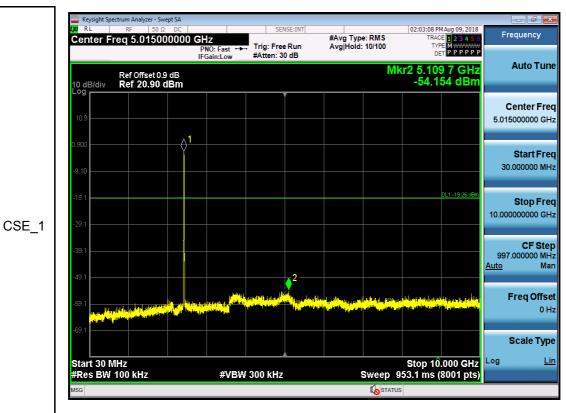
#### RF Conducted Spurious Emissions 11B 2442 Ant1

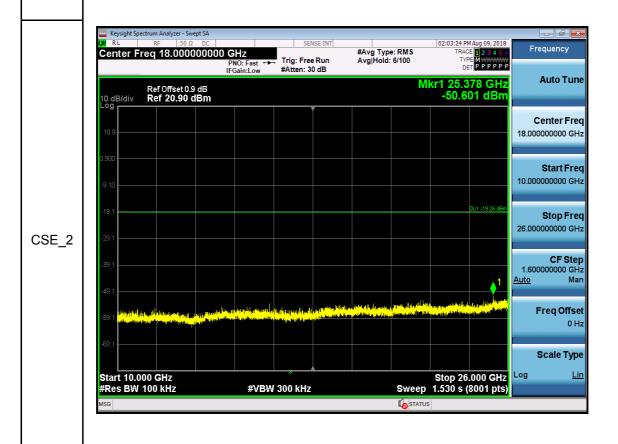




Report No.: GZEM180700395402

Page: 87 of 103



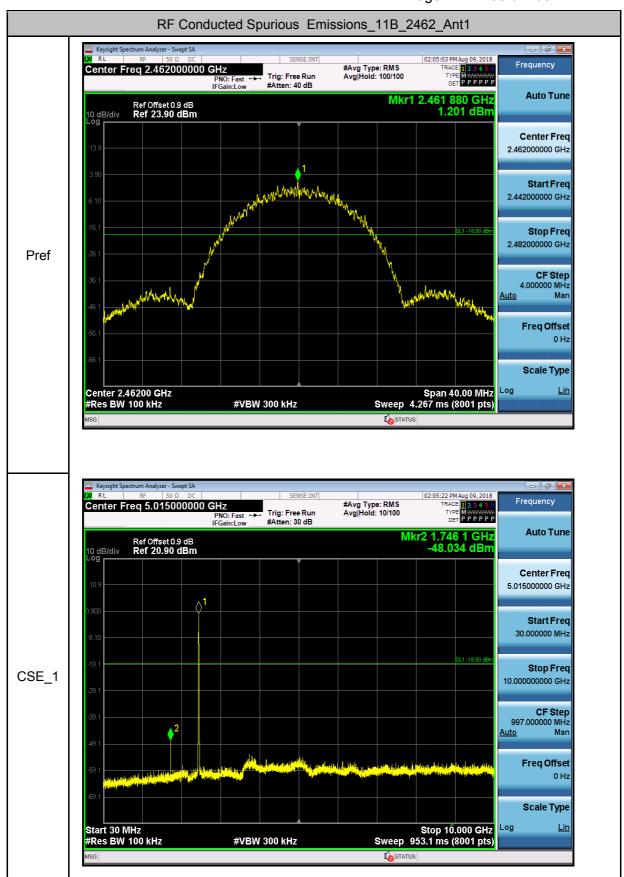


This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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.



Report No.: GZEM180700395402

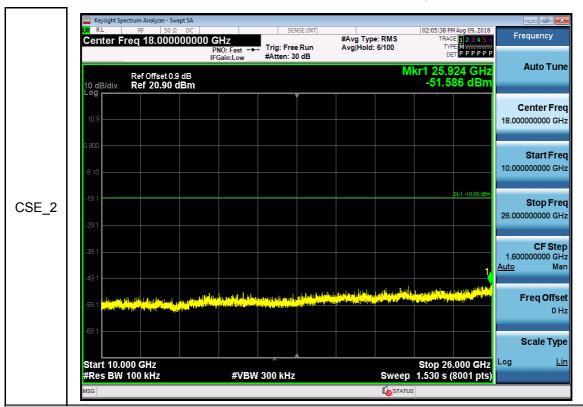
Page: 88 of 103



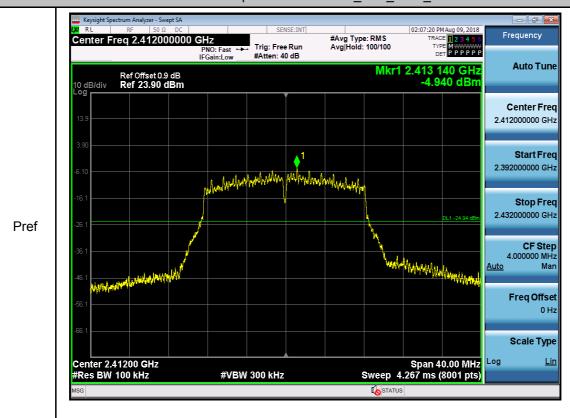


Report No.: GZEM180700395402

Page: 89 of 103



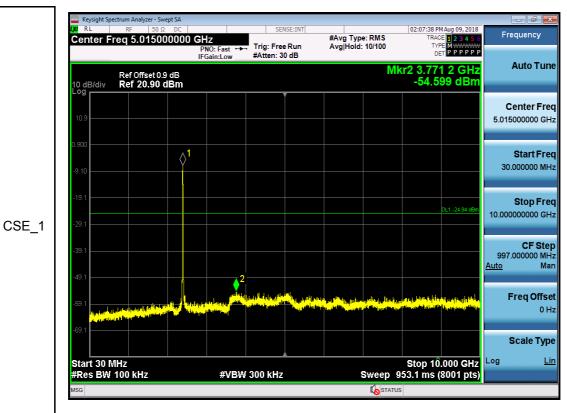
#### RF Conducted Spurious Emissions 11G 2412 Ant1

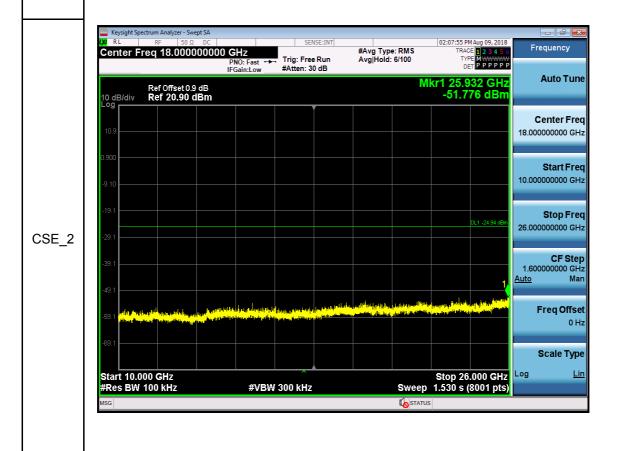




Report No.: GZEM180700395402

Page: 90 of 103



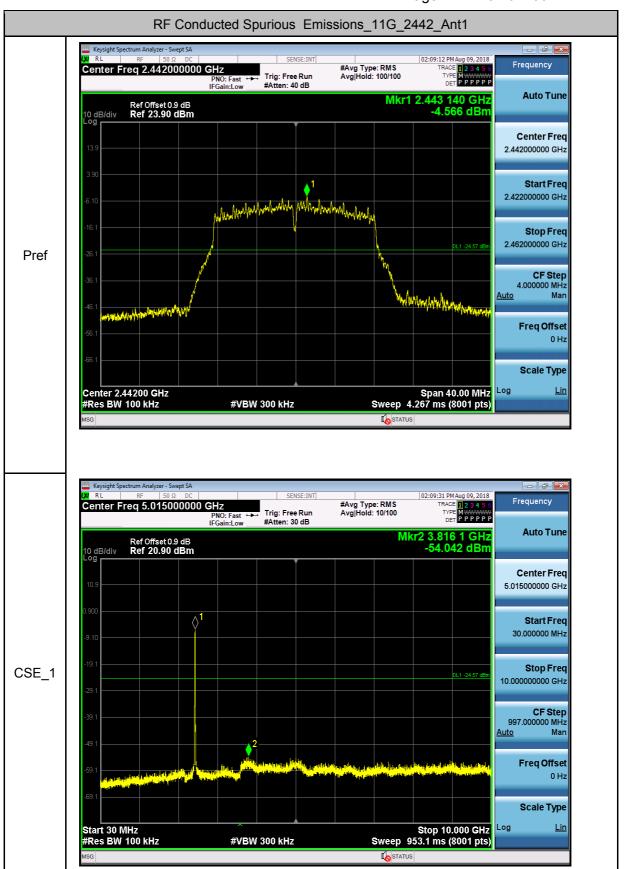


This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions/nerms-



Report No.: GZEM180700395402

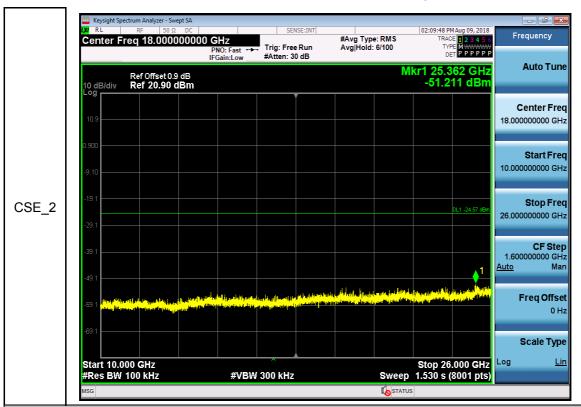
Page: 91 of 103



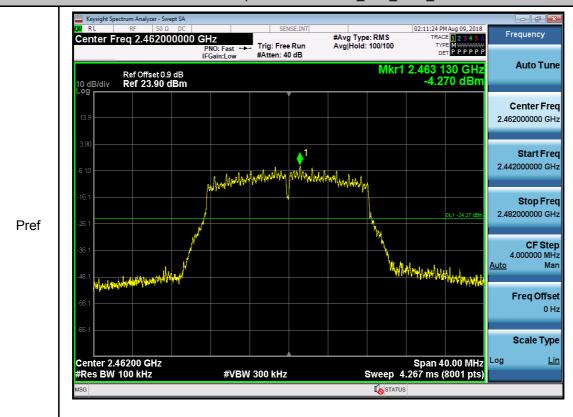


Report No.: GZEM180700395402

Page: 92 of 103



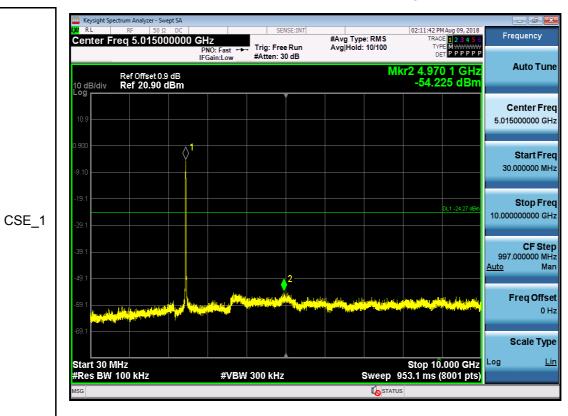
#### RF Conducted Spurious Emissions 11G 2462 Ant1





Report No.: GZEM180700395402

Page: 93 of 103







Report No.: GZEM180700395402

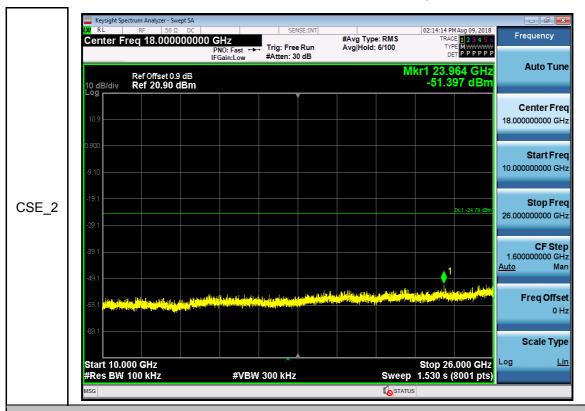
Page: 94 of 103



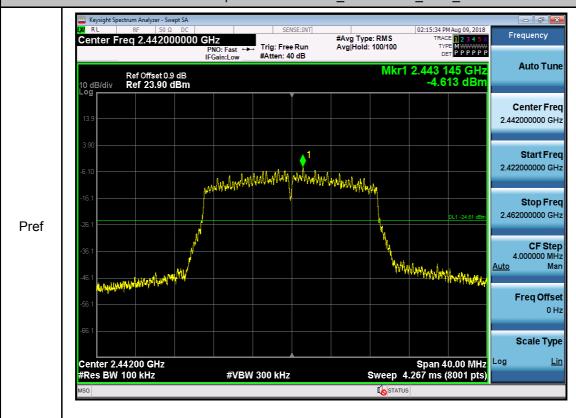


Report No.: GZEM180700395402

Page: 95 of 103



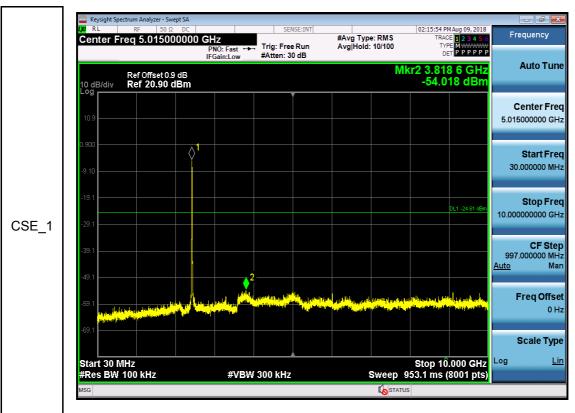
#### RF Conducted Spurious Emissions 11N20SISO 2442 Ant1

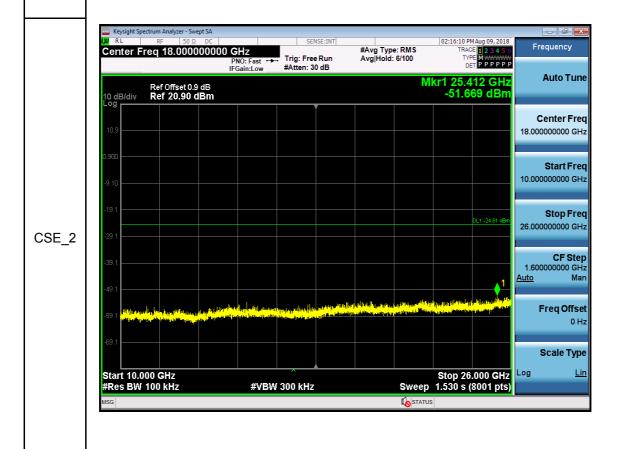




Report No.: GZEM180700395402

Page: 96 of 103



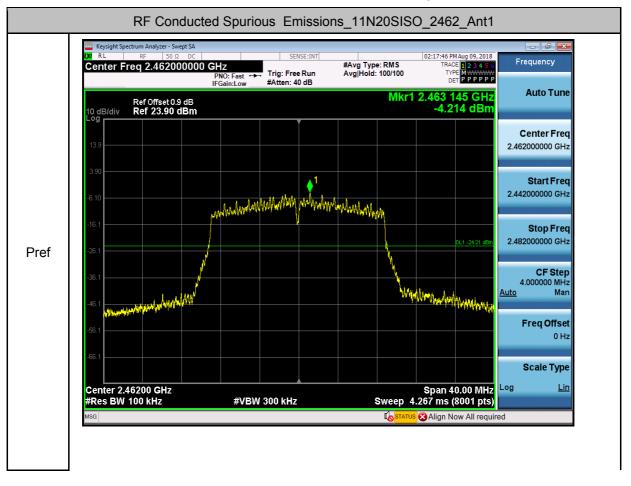


This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions/nerms-



Report No.: GZEM180700395402

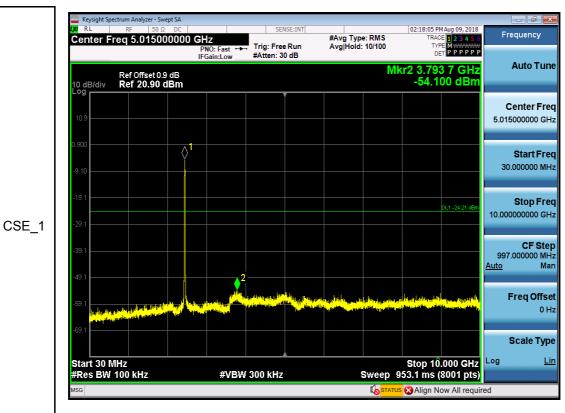
Page: 97 of 103

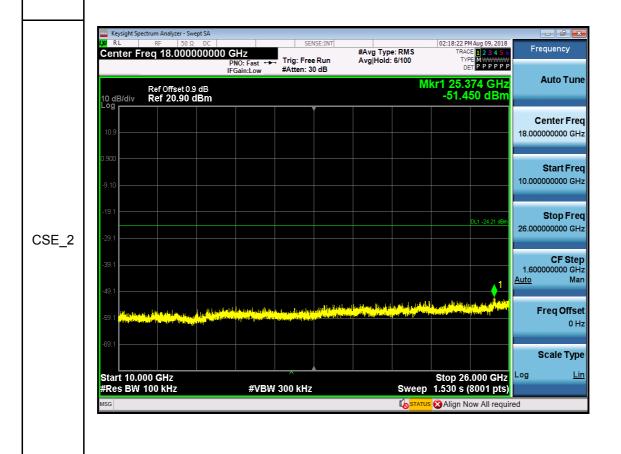




Report No.: GZEM180700395402

Page: 98 of 103



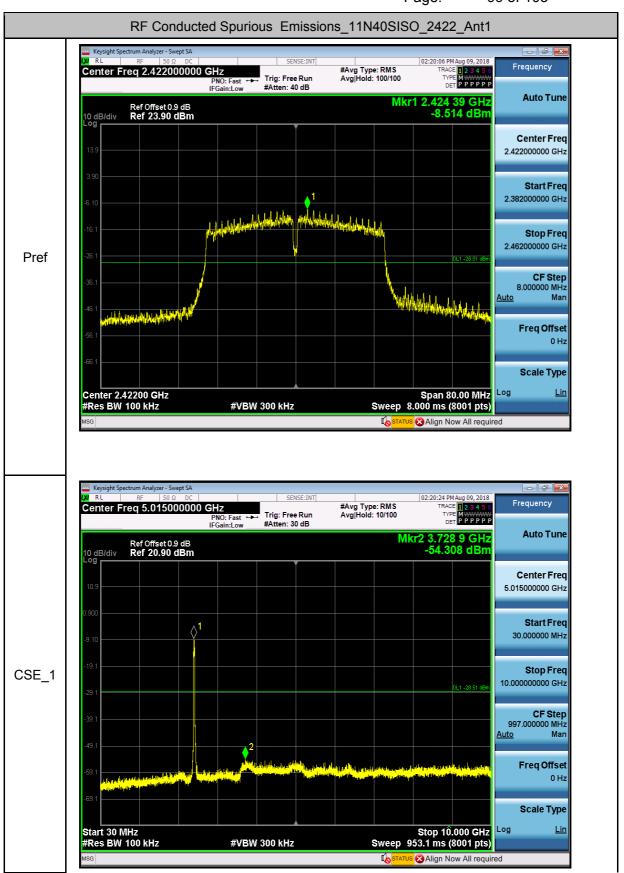


This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions/nerms-



Report No.: GZEM180700395402

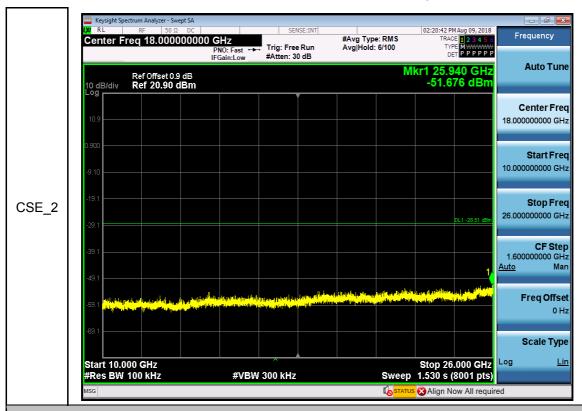
Page: 99 of 103



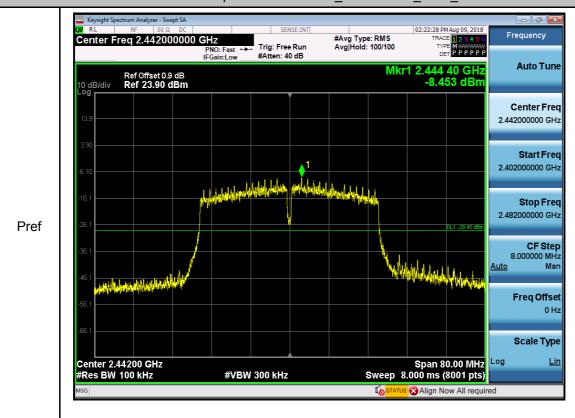


Report No.: GZEM180700395402

Page: 100 of 103



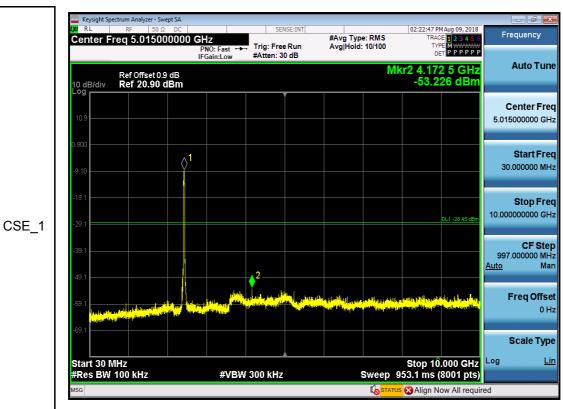
#### RF Conducted Spurious Emissions 11N40SISO 2442 Ant1





Report No.: GZEM180700395402

Page: 101 of 103



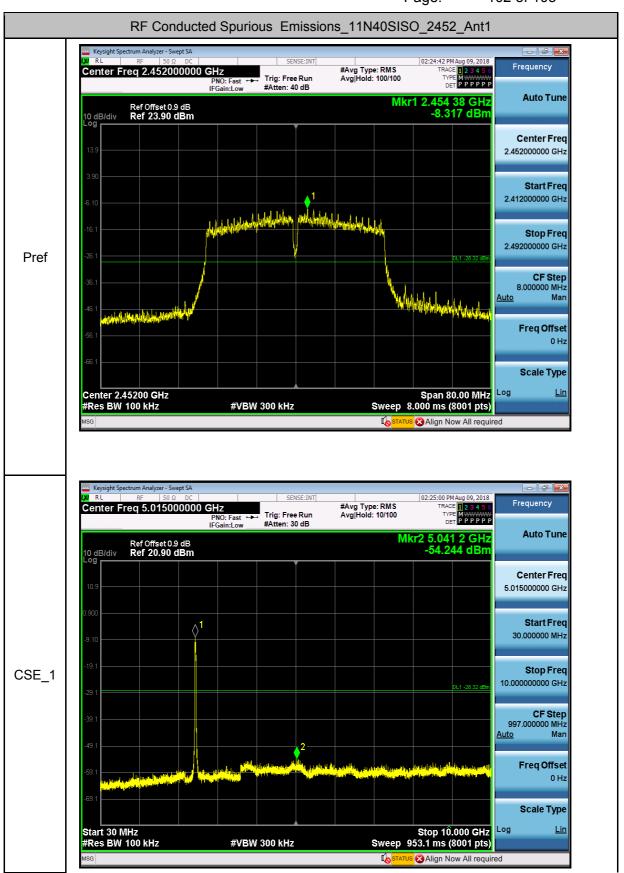


This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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.



Report No.: GZEM180700395402

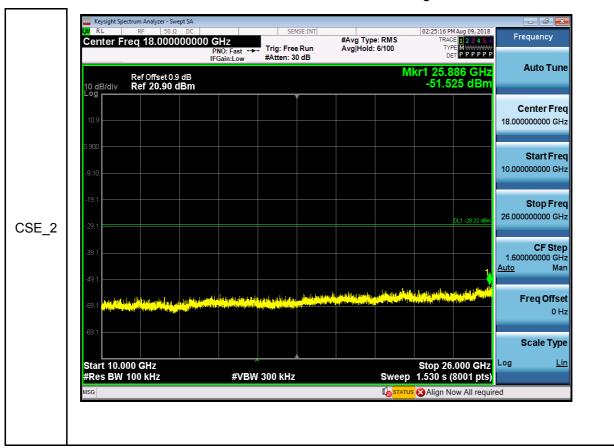
Page: 102 of 103





Report No.: GZEM180700395402

Page: 103 of 103



-- End of Report-