

Report No.: GZEM180200096001

Page: 51 of 101

Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High

		Read	Anterna	Cable	Preamp		Limit	Over	
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase
	MHz	dBm	dB/m	dB	dB	dBm	dBm	dB	8
1	2905.33	43.42	27.76	4.85	37.13	38.90	54.00	-15.10	HORIZONTAL
2	2905.33	48.54	27.76	4.85	37.13	44.02	74.00	-29.98	HORIZONTAL
3	3768.51	38.84	28.87	7.71	36.92	38.50	54.00	-15.50	HORIZONTAL
4	3768.51	44.61	28.87	7.71	36.92	44.27	74.00	-29.73	HORIZONTAL
5	4924.72	40.80	31.01	7.49	36.95	42.35	54.00	-11.65	HORIZONTAL
6	4924.72	46.88	31.01	7.49	36.95	48.43	74.00	-25.57	HORIZONTAL
7	7386.02	38.99	35.85	7.42	36.92	45.34	54.00	-8.66	HORIZONTAL
8	7386.02	43.65	35.85	7.42	36.92	50.00	74.00	-24.00	HORIZONTAL
9	9848.18	38.44	37.82	8.46	37.09	47.63	54.00	-6.37	HORIZONTAL
10	9848.18	45.15	37.82	8.46	37.09	54.34	74.00	-19.66	HORIZONTAL
11	12310.75	34.40	39.03	11.10	36.97	47.56	54.00	-6.44	HORIZONTAL
12	12310.75	45.34	39.03	11.10	36.97	58.50	74.00	-15.50	HORIZONTAL

Mode:a; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High

		Read	Anterna	Cable	Preamp		Limit	Over	
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase
	MHz	dBm	dB/m	dB	dB	dBm	dBm	dB	-
1	2905.33	40.03	27.76	4.85	37.13	35.51	54.00	-18.49	VERTICAL
2	2905.33	46.71	27.76	4.85	37.13	42.19	74.00	-31.81	VERTICAL
3	3347.37	41.27	27.90	5.57	36.98	37.76	54.00	-16.24	VERTICAL
4	3347.37	48.23	27.90	5.57	36.98	44.72	74.00	-29.28	VERTICAL
5	4924.49	38.36	31.01	7.49	36.95	39.91	54.00	-14.09	VERTICAL
6	4924.49	46.52	31.01	7.49	36.95	48.07	74.00	-25.93	VERTICAL
7	7386.98	36.35	35.85	7.42	36.92	42.70	54.00	-11.30	VERTICAL
8	7386.98	43.71	35.85	7.42	36.92	50.06	74.00	-23.94	VERTICAL
9	9848.40	37.53	37.82	8.46	37.09	46.72	54.00	-7.28	VERTICAL
10	9848.40	44.36	37.82	8.46	37.09	53.55	74.00	-20.45	VERTICAL
11	12310.53	35.18	39.03	11.10	36.97	48.34	54.00	-5.66	VERTICAL
12	12310.53	42.62	39.03	11.10	36.97	55.78	74.00	-18.22	VERTICAL



Report No.: GZEM180200096001

Page: 52 of 101

Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low

	Freq	7.0	Anterna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBm	dB/m	dB	dB	dBm	dBm	——dB	8 3
1	51.30	43.49	12.93	0.60	24.90	32.12	40.00	-7.88	HORIZONTAL
2	68.87	35.47	10.90	0.71	25.50	21.58	40.00	-18.42	HORIZONTAL
3	101.64	50.65	9.71	0.85	27.19	34.02	43.50	-9.48	HORIZONTAL
4	155.91	38.29	13.36	1.24	28.11	24.78	43.50	-18.72	HORIZONTAL
5	197.89	51.89	11.30	1.20	28.35	36.04	43.50	-7.46	HORIZONTAL
6	250.30	46.57	12.57	1.61	29.14	31.61	46.00	-14.39	HORIZONTAL

Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low

		Read /	Anterna	Cable	Preamp		Limit	0ver	
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase
	MHz	dBm	dB/m	dB	dB	dBm	dBm	dB	
1	2905.33	42.72	27.76	4.85	37.13	38.20	54.00	-15.80	HORIZONTAL
2	2905.33	50.10	27.76	4.85	37.13	45.58	74.00	-28.42	HORIZONTAL
3	3703.72	38.02	28.52	7.24	36.93	36.85	54.00	-17.15	HORIZONTAL
4	3703.72	44.78	28.52	7.24	36.93	43.61	74.00	-30.39	HORIZONTAL
5	4844.77	38.81	30.88	6.31	36.94	39.06	54.00	-14.94	HORIZONTAL
6	4844.77	45.35	30.88	6.31	36.94	45.60	74.00	-28.40	HORIZONTAL
7	7266.88	36.88	35.60	7.36	36.92	42.92	54.00	-11.08	HORIZONTAL
8	7266.88	43.41	35.60	7.36	36.92	49.45	74.00	-24.55	HORIZONTAL
9	9688.69	36.45	37.61	8.25	37.08	45.23	54.00	-8.77	HORIZONTAL
10	9688.69	44.71	37.61	8.25	37.08	53.49	74.00	-20.51	HORIZONTAL
11	12110.75	35.66	39.37	10.82	37.12	48.73	54.00	-5.27	HORIZONTAL
12	12110.75	44.60	39.37	10.82	37.12	57.67	74.00	-16.33	HORIZONTAL



Report No.: GZEM180200096001

Page: 53 of 101

Mode:a; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low

	Freq		Interna Factor				Limit Line	Over Limit	Pol/Phase
	MHz	dBm	dB/m	dB	dB	dBm	dBm	dB	9 2
1	55.61	43.59	12.49	0.59	25.10	31.57	40.00	-8.43	VERTICAL
2	66.50	43.74	11.18	0.68	25.44	30.16	40.00	-9.84	VERTICAL
3	98.83	52.86	9.46	0.85	27.10	36.07	43.50	-7.43	VERTICAL
4	183.20	47.14	12.52	1.32	28.11	32.87	43.50	-10.63	VERTICAL
5	218.31	49.87	11.49	1.02	28.70	33.68	46.00	-12.32	VERTICAL
6	355.43	41.15	15.59	1.99	29.52	29.21	46.00	-16.79	VERTICAL

Mode:a; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low

		Read /	Anterna	Cable	Preamp		Limit	Over	
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase
	MHz	dBm	dB/m	dB	dB	dBm	dBm	dB	9
1	2939.12	43.20	27.82	4.77	37.10	38.69	54.00	-15.31	VERTICAL
2	2939.12	47.32	27.82	4.77	37.10	42.81	74.00	-31.19	VERTICAL
3	3289.82	40.26	27.90	5.72	36.99	36.89	54.00	-17.11	VERTICAL
4	3289.82	46.26	27.90	5.72	36.99	42.89	74.00	-31.11	VERTICAL
5	4844.24	40.39	30.88	6.31	36.94	40.64	54.00	-13.36	VERTICAL
6	4844.24	44.53	30.88	6.31	36.94	44.78	74.00	-29.22	VERTICAL
7	7266.21	37.94	35.60	7.36	36.92	43.98	54.00	-10.02	VERTICAL
8	7266.21	42.18	35.60	7.36	36.92	48.22	74.00	-25.78	VERTICAL
9	9688.91	37.32	37.61	8.25	37.08	46.10	54.00	-7.90	VERTICAL
10	9688.91	43.48	37.61	8.25	37.08	52.26	74.00	-21.74	VERTICAL
11	12110.74	34.32	39.37	10.82	37.12	47.39	54.00	-6.61	VERTICAL
12	12110.74	44.46	39.37	10.82	37.12	57.53	74.00	-16.47	VERTICAL



Report No.: GZEM180200096001

Page: 54 of 101

Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:middle

		Read A	Anterna	Cable	Preamp		Limit	Over	
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase
	MHz	dBm	dB/m	dB	dB	dBm	dBm	dB	8
1	3159.36	40.23	27.90	5.76	37.02	36.87	54.00	-17.13	HORIZONTAL
2	3159.36	46.20	27.90	5.76	37.02	42.84	74.00	-31.16	HORIZONTAL
3	3969.77	40.14	29.44	7.32	36.90	40.00	54.00	-14.00	HORIZONTAL
4	3969.77	45.47	29.44	7.32	36.90	45.33	74.00	-28.67	HORIZONTAL
5	4884.55	42.20	30.95	6.86	36.95	43.06	54.00	-10.94	HORIZONTAL
6	4884.55	48.29	30.95	6.86	36.95	49.15	74.00	-24.85	HORIZONTAL
7	7326.02	38.88	35.74	7.39	36.92	45.09	54.00	-8.91	HORIZONTAL
8	7326.02	43.87	35.74	7.39	36.92	50.08	74.00	-23.92	HORIZONTAL
9	9768.76	38.95	37.74	8.37	37.09	47.97	54.00	-6.03	HORIZONTAL
10	9768.76	46.63	37.74	8.37	37.09	55.65	74.00	-18.35	HORIZONTAL
11	12210.96	34.30	39.21	10.98	37.06	47.43	54.00	-6.57	HORIZONTAL
12	12210.96	42.73	39.21	10.98	37.06	55.86	74.00	-18.14	HORIZONTAL

Mode:a; Polarization: Vertical; Modulation:n; bandwidth: 40MHz; Channel: middle

		Read	Anterna	Cable	Preamp		Limit	Over	
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase
	MHz	dBm	dB/m	dB	dB	dBm	dBm	dB	-
1	2905.33	40.78	27.76	4.85	37.13	36.26	54.00	-17.74	VERTICAL
2	2905.33	46.72	27.76	4.85	37.13	42.20	74.00	-31.80	VERTICAL
3	3901.52	38.61	29.30	7.56	36.91	38.56	54.00	-15.44	VERTICAL
4	3901.52	45.86	29.30	7.56	36.91	45.81	74.00	-28.19	VERTICAL
5	4884.05	40.77	30.95	6.86	36.95	41.63	54.00	-12.37	VERTICAL
6	4884.05	46.77	30.95	6.86	36.95	47.63	74.00	-26.37	VERTICAL
7	7326.03	37.98	35.74	7.39	36.92	44.19	54.00	-9.81	VERTICAL
8	7326.03	43.20	35.74	7.39	36.92	49.41	74.00	-24.59	VERTICAL
9	9768.92	38.11	37.74	8.37	37.09	47.13	54.00	-6.87	VERTICAL
10	9768.92	45.25	37.74	8.37	37.09	54.27	74.00	-19.73	VERTICAL
11	12210.15	35.57	39.21	10.98	37.06	48.70	54.00	-5.30	VERTICAL
12	12210.15	42.15	39.21	10.98	37.06	55.28	74.00	-18.72	VERTICAL



Report No.: GZEM180200096001

Page: 55 of 101

Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:High

		Read	Anterna	Cable	Preamp		Limit	Over	
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase
	MHz	dBm	dB/m	dB	dB	dBm	dBm	dB	R <u>-</u>
1	2905.33	42.33	27.76	4.85	37.13	37.81	54.00	-16.19	HORIZONTAL
2	2905.33	49.07	27.76	4.85	37.13	44.55	74.00	-29.45	HORIZONTAL
3	3768.51	38.12	28.87	7.71	36.92	37.78	54.00	-16.22	HORIZONTAL
4	3768.51	44.36	28.87	7.71	36.92	44.02	74.00	-29.98	HORIZONTAL
5	4904.31	38.30	30.97	7.07	36.95	39.39	54.00	-14.61	HORIZONTAL
6	4904.31	46.22	30.97	7.07	36.95	47.31	74.00	-26.69	HORIZONTAL
7	7356.17	37.33	35.78	7.40	36.92	43.59	54.00	-10.41	HORIZONTAL
8	7356.17	43.13	35.78	7.40	36.92	49.39	74.00	-24.61	HORIZONTAL
9	9806.15	37.89	37.79	8.41	37.09	47.00	54.00	-7.00	HORIZONTAL
10	9806.15	44.97	37.79	8.41	37.09	54.08	74.00	-19.92	HORIZONTAL
11	12260.71	32.78	39.15	11.02	37.03	45.92	54.00	-8.08	HORIZONTAL
12	12260.71	43.74	39.15	11.02	37.03	56.88	74.00	-17.12	HORIZONTAL

Mode:a; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:High

		Read	Anterna	Cable	Preamp		Limit	Over	
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase
	MHz	dBm	dB/m	dB	dB	dBm	dBm	dB	S <u>-                                    </u>
1	2782.06	40.00	27.46	4.71	37.25	34.92	54.00	-19.08	VERTICAL
2	2782.06	45.96	27.46	4.71	37.25	40.88	74.00	-33.12	VERTICAL
3	3347.37	42.31	27.90	5.57	36.98	38.80	54.00	-15.20	VERTICAL
4	3347.37	48.38	27.90	5.57	36.98	44.87	74.00	-29.13	VERTICAL
5	4904.28	40.16	30.97	7.07	36.95	41.25	54.00	-12.75	VERTICAL
6	4904.28	43.73	30.97	7.07	36.95	44.82	74.00	-29.18	VERTICAL
7	7356.64	39.47	35.78	7.40	36.92	45.73	54.00	-8.27	VERTICAL
8	7356.64	44.75	35.78	7.40	36.92	51.01	74.00	-22.99	VERTICAL
9	9806.25	38.53	37.79	8.41	37.09	47.64	54.00	-6.36	VERTICAL
10	9806.25	43.38	37.79	8.41	37.09	52.49	74.00	-21.51	VERTICAL
11	12260.13	35.47	39.15	11.02	37.03	48.61	54.00	-5.39	VERTICAL
12	12260.13	44.22	39.15	11.02	37.03	57.36	74.00	-16.64	VERTICAL



Report No.: GZEM180200096001

Page: 56 of 101

### 8 Appendix

### 8.1 Appendix 15.247

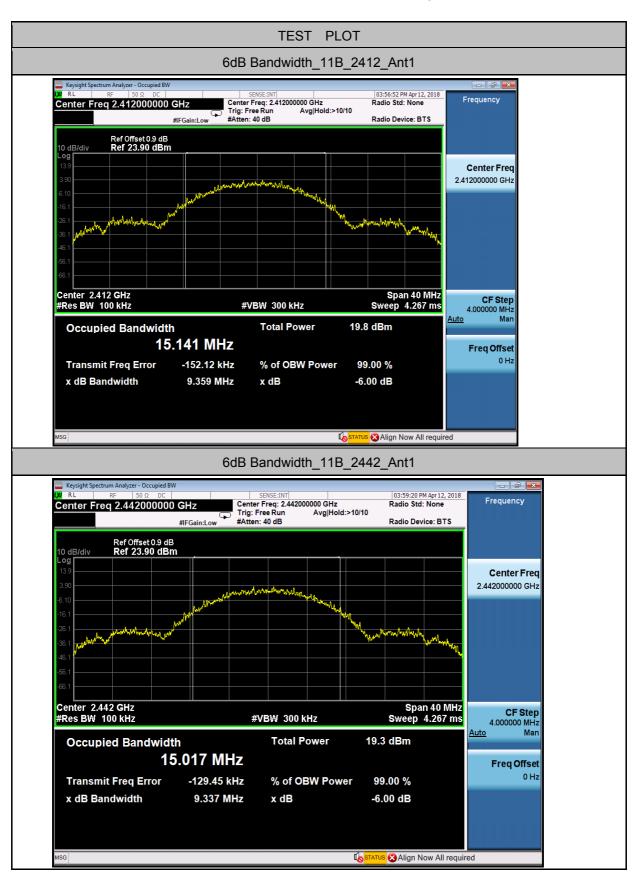
#### 1.6dB Bandwidth

Test Mode	Test Channel	Ant	OBW[MHz]	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	15.141	9.359	0.5	PASS
11B	2442	Ant1	15.018	9.337	0.5	PASS
11B	2462	Ant1	14.859	9.361	0.5	PASS
11G	2412	Ant1	16.417	15.11	0.5	PASS
11G	2442	Ant1	16.397	15.11	0.5	PASS
11G	2462	Ant1	16.398	15.11	0.5	PASS
11N20SISO	2412	Ant1	17.555	16.01	0.5	PASS
11N20SISO	2442	Ant1	17.547	16.01	0.5	PASS
11N20SISO	2462	Ant1	17.556	16.03	0.5	PASS
11N40SISO	2422	Ant1	35.897	35.11	0.5	PASS
11N40SISO	2442	Ant1	35.913	35.11	0.5	PASS
11N40SISO	2452	Ant1	35.939	35.11	0.5	PASS



Report No.: GZEM180200096001

Page: 57 of 101

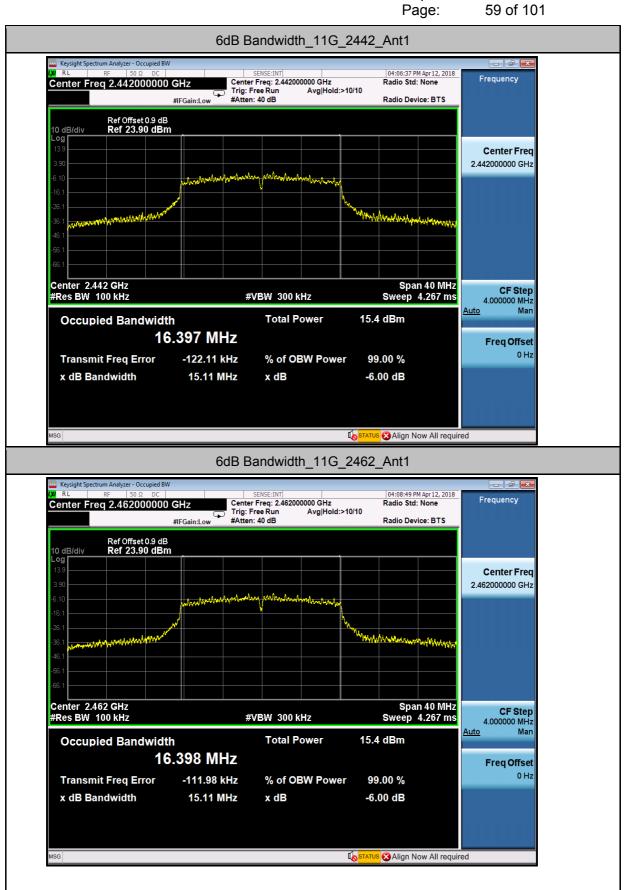




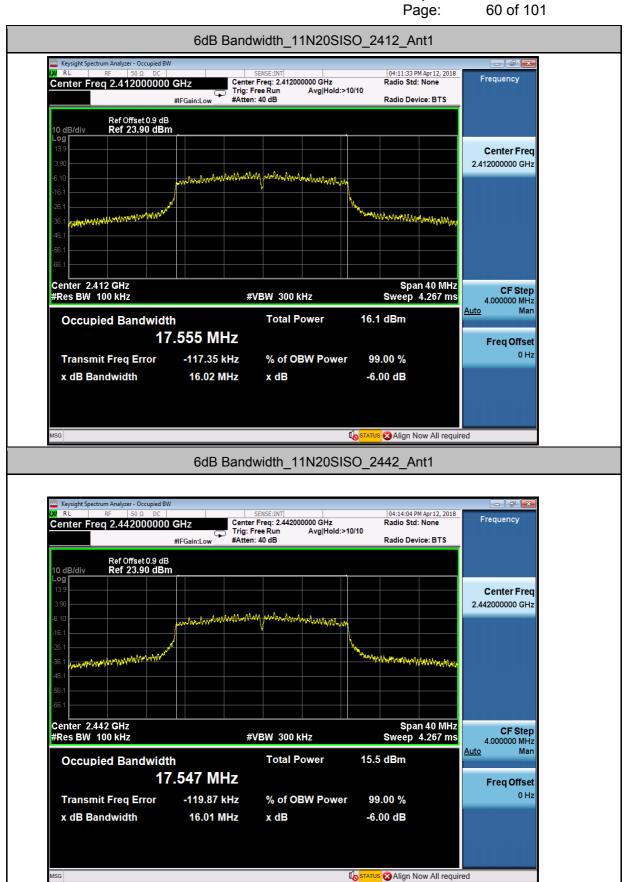
Report No.: GZEM180200096001



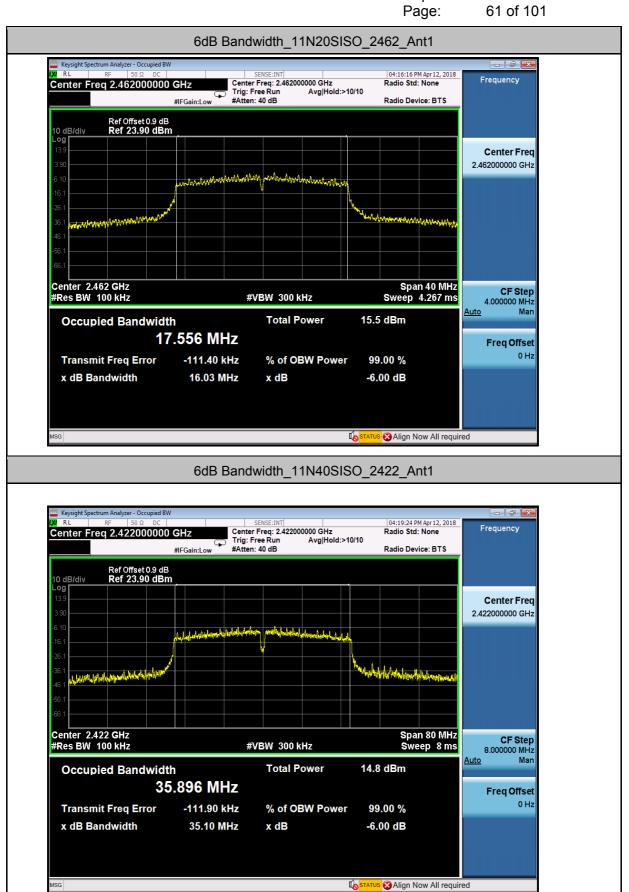




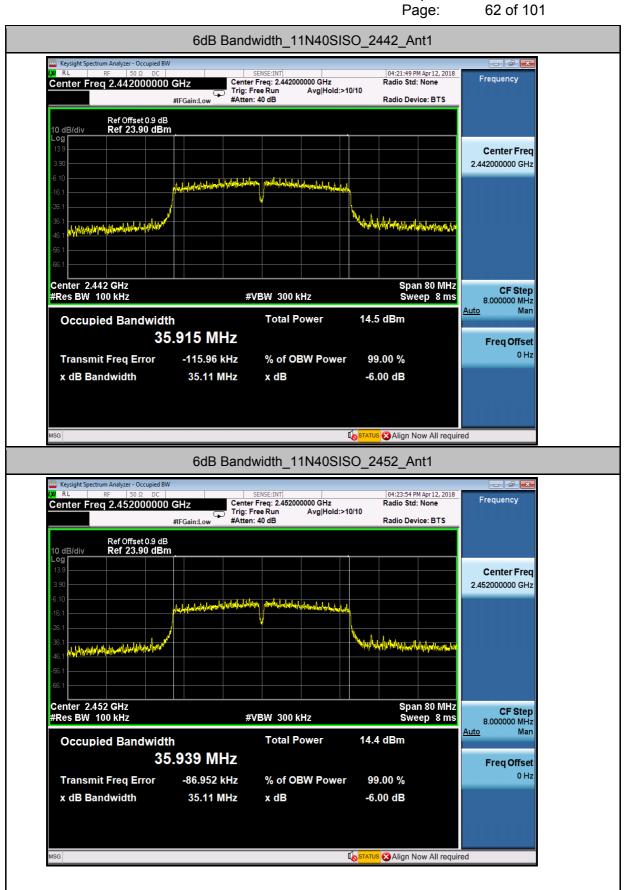














Report No.: GZEM180200096001

Page: 63 of 101

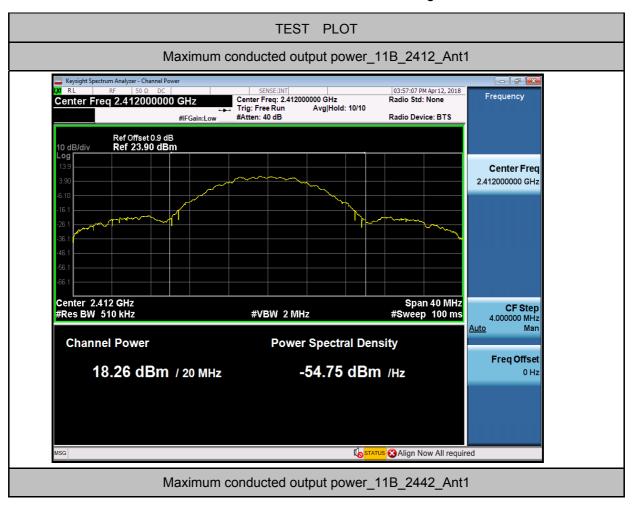
#### 2.Maximum conducted output power

Test Mode	Test Channel	Ant	Power[dBm]	Limit[dBm]	Verdict
11B	2412	Ant1	18.26	30	PASS
11B	2442	Ant1	17.69	30	PASS
11B	2462	Ant1	17.59	30	PASS
11G	2412	Ant1	16.58	30	PASS
11G	2442	Ant1	15.95	30	PASS
11G	2462	Ant1	15.89	30	PASS
11N20SISO	2412	Ant1	16.58	30	PASS
11N20SISO	2442	Ant1	16.07	30	PASS
11N20SISO	2462	Ant1	16.14	30	PASS
11N40SISO	2422	Ant1	15.3	30	PASS
11N40SISO	2442	Ant1	15.05	30	PASS
11N40SISO	2452	Ant1	14.98	30	PASS



Report No.: GZEM180200096001

Page: 64 of 101





Report No.: GZEM180200096001

Page: 65 of 101



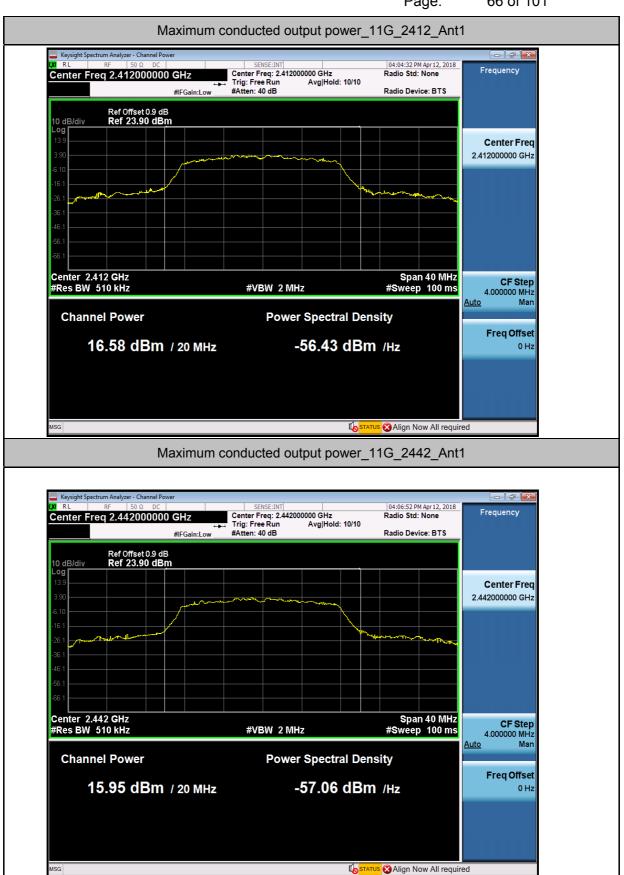
#### Maximum conducted output power 11B 2462 Ant1



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.

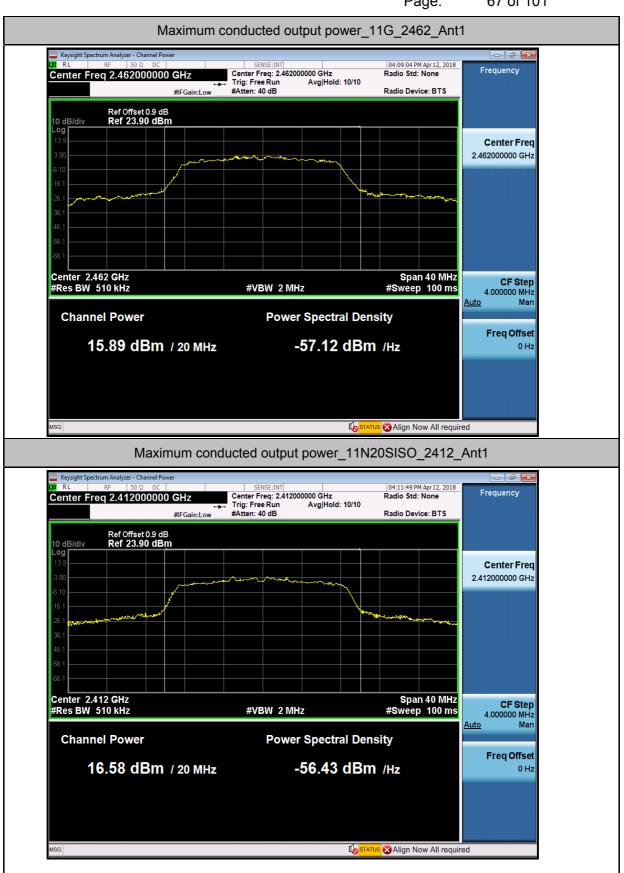


Report No.: GZEM180200096001



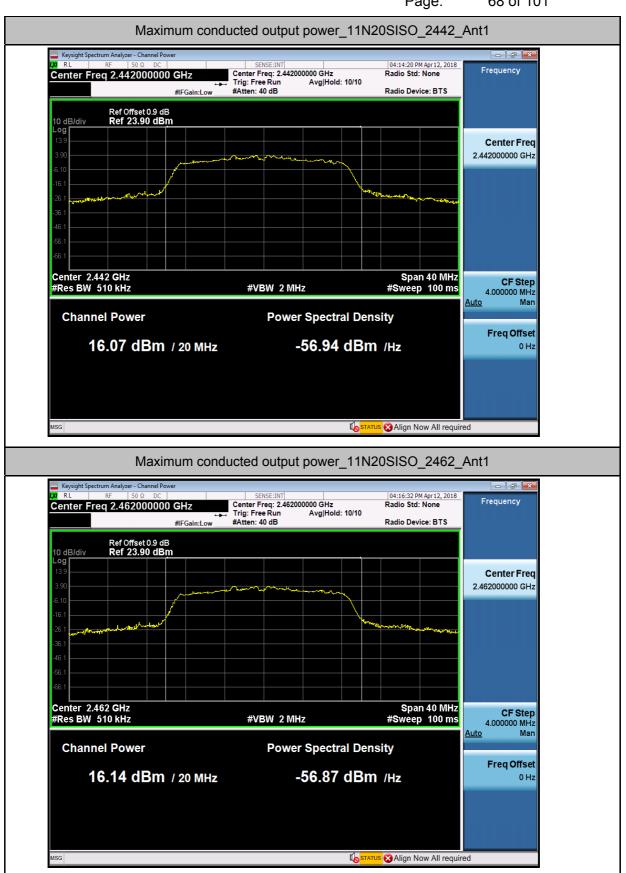


Report No.: GZEM180200096001



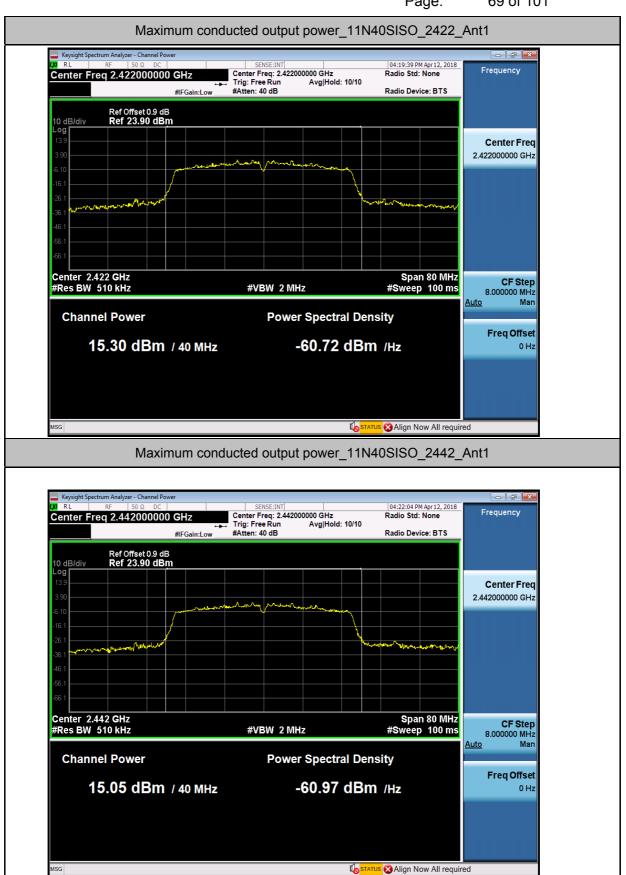


Report No.: GZEM180200096001





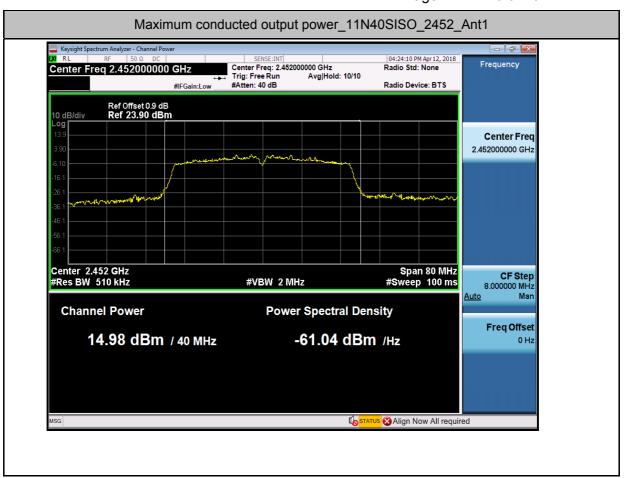
Report No.: GZEM180200096001





Report No.: GZEM180200096001

Page: 70 of 101



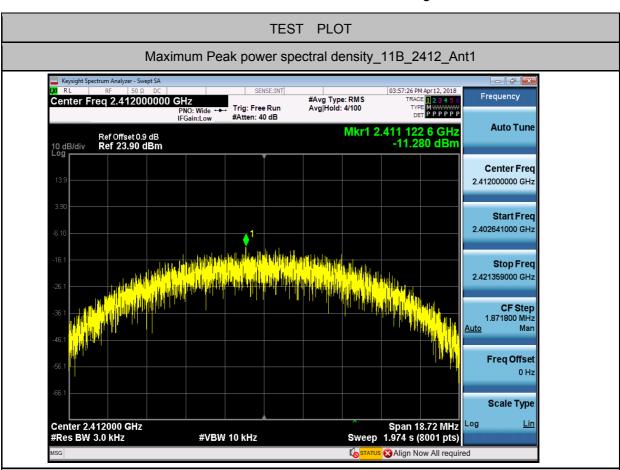
#### 3. Maximum Peak power spectral density

Test Mode	Test Channel	Ant	Result	Limit[dBm/3kHz]	Verdict
11B	2412	Ant1	-11.28	8.00	PASS
11B	2442	Ant1	-11.842	8.00	PASS
11B	2462	Ant1	-12.027	8.00	PASS
11G	2412	Ant1	-16.825	8.00	PASS
11G	2442	Ant1	-17.929	8.00	PASS
11G	2462	Ant1	-19.068	8.00	PASS
11N20SISO	2412	Ant1	-16.064	8.00	PASS
11N20SISO	2442	Ant1	-17.075	8.00	PASS
11N20SISO	2462	Ant1	-17.348	8.00	PASS
11N40SISO	2422	Ant1	-20.037	8.00	PASS
11N40SISO	2442	Ant1	-21.848	8.00	PASS
11N40SISO	2452	Ant1	-21.776	8.00	PASS

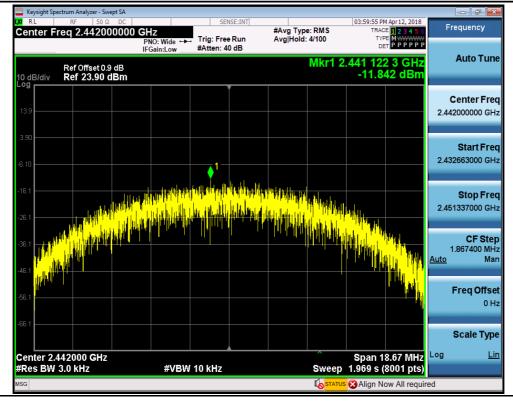


Report No.: GZEM180200096001

Page: 71 of 101



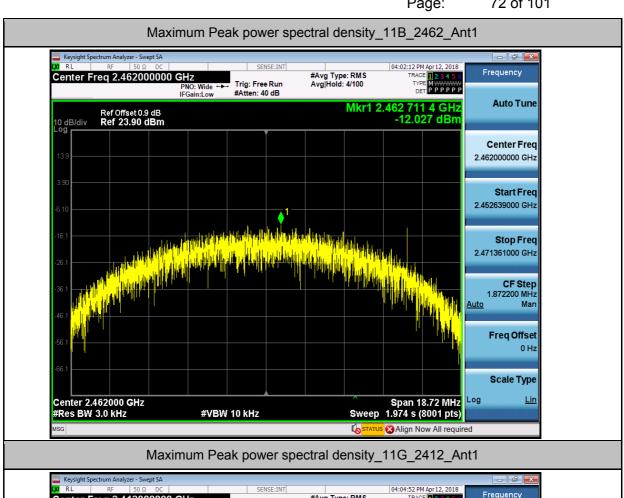
#### Maximum Peak power spectral density\_11B\_2442\_Ant1

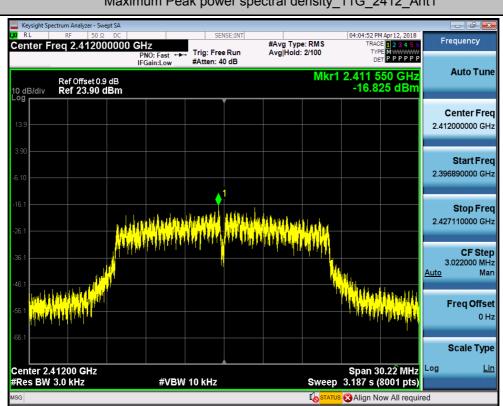


This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for liability, indemnification and jurisdiction 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 unit, 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.: GZEM180200096001

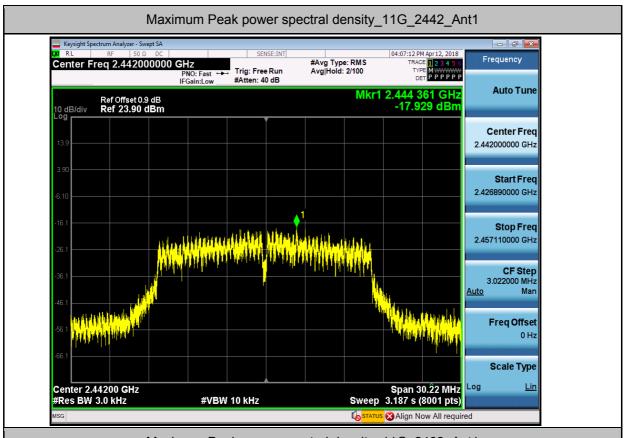


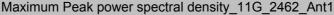


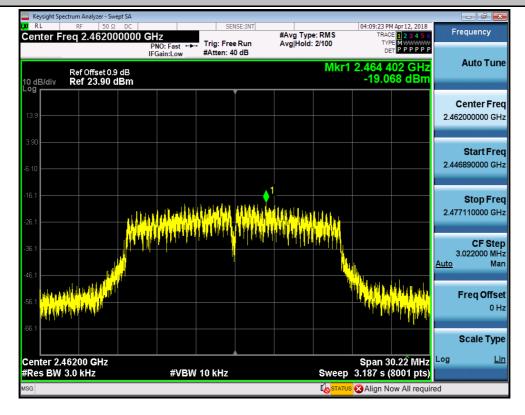


Report No.: GZEM180200096001

Page: 73 of 101





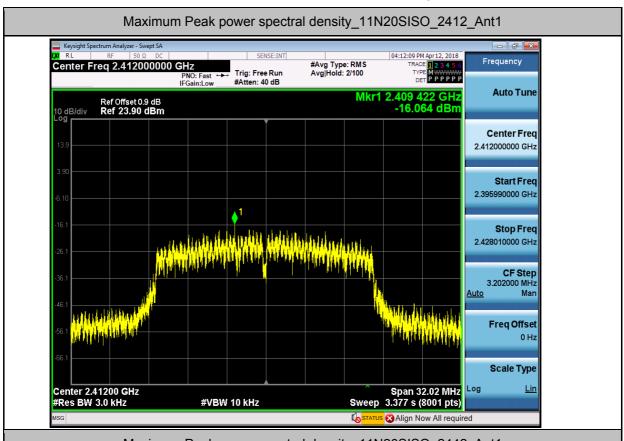


This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms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

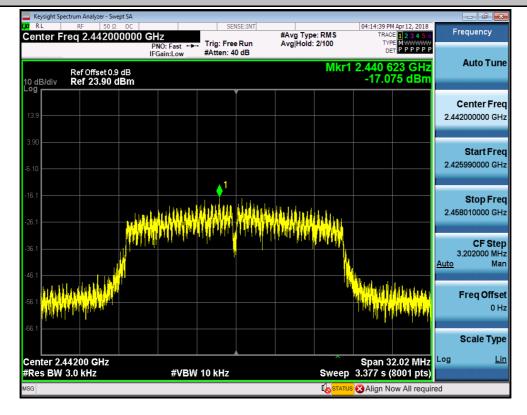


Report No.: GZEM180200096001

Page: 74 of 101



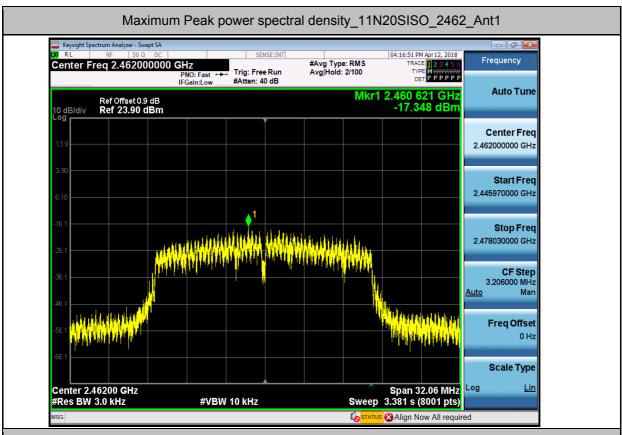




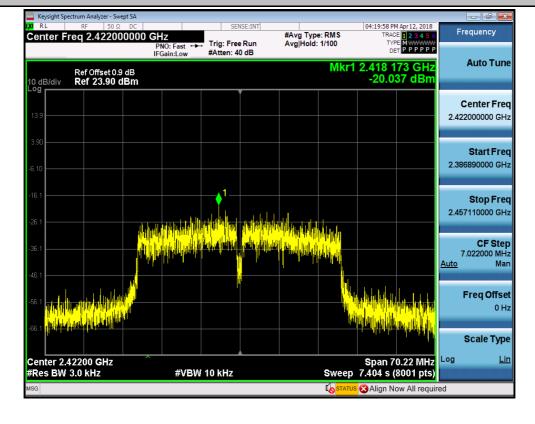


Report No.: GZEM180200096001

Page: 75 of 101



#### Maximum Peak power spectral density\_11N40SISO\_2422\_Ant1

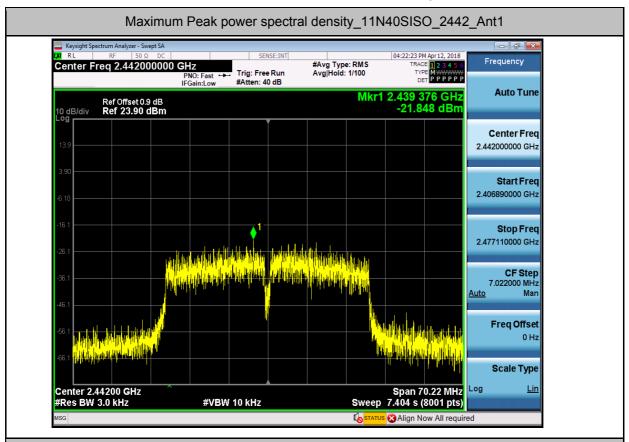


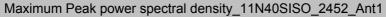
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions/ferms-en-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/ferms-en-Document.aspx</a>. Attention is drawn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

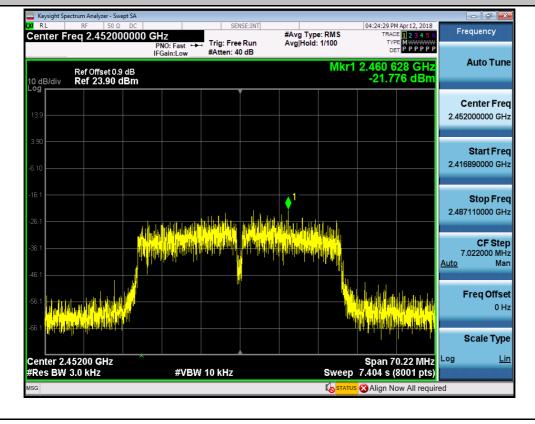


Report No.: GZEM180200096001

Page: 76 of 101







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.sqs.com/en/Terms-and-Conditions.aspx">http://www.sqs.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.sqs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sqs.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.: GZEM180200096001

Page: 77 of 101

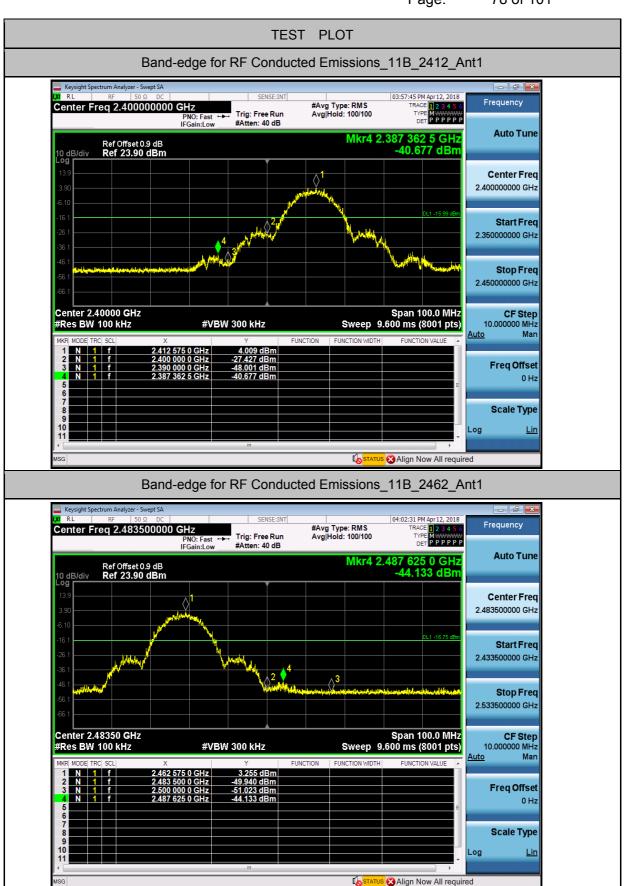
### 4.Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Ant	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	4.009	-40.677	-15.99	PASS
11B	2462	Ant1	3.255	-44.133	-16.75	PASS
11G	2412	Ant1	-0.888	-38.099	-20.89	PASS
11G	2462	Ant1	-1.607	-35.666	-21.61	PASS
11N20SISO	2412	Ant1	-0.887	-37.158	-20.89	PASS
11N20SISO	2462	Ant1	-1.567	-37.161	-21.57	PASS
11N40SISO	2422	Ant1	-4.953	-37.054	-24.95	PASS
11N40SISO	2452	Ant1	-5.394	-34.699	-25.39	PASS

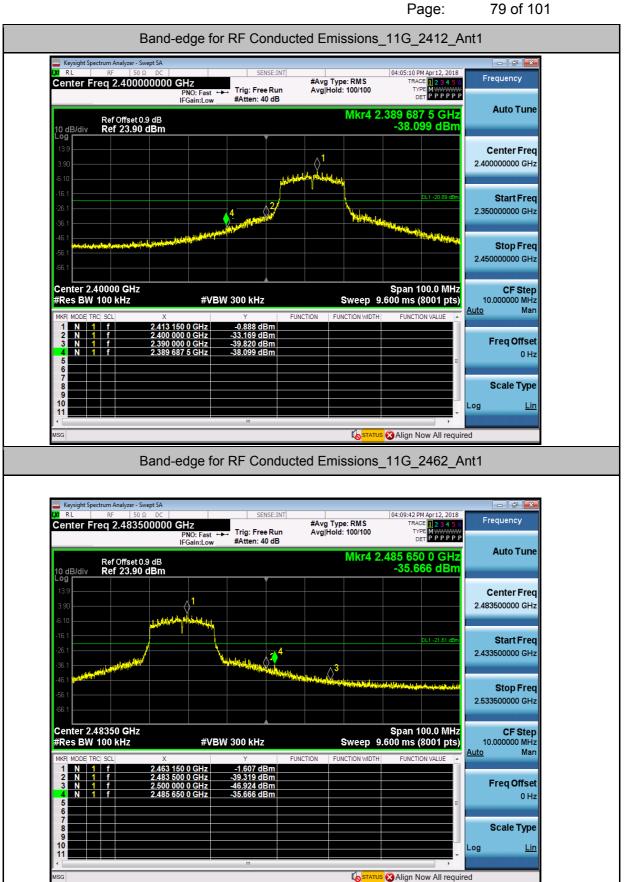


Report No.: GZEM180200096001

Page: 78 of 101

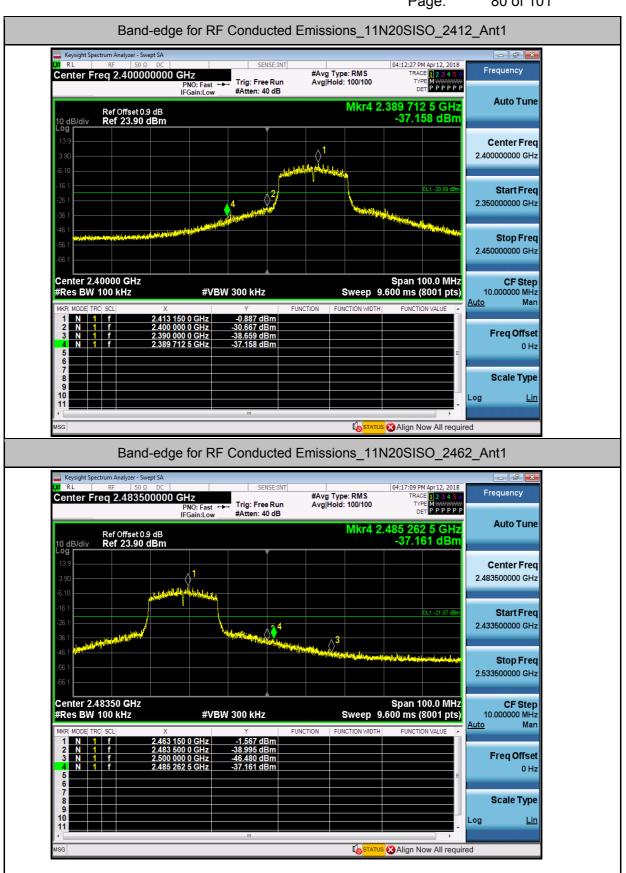






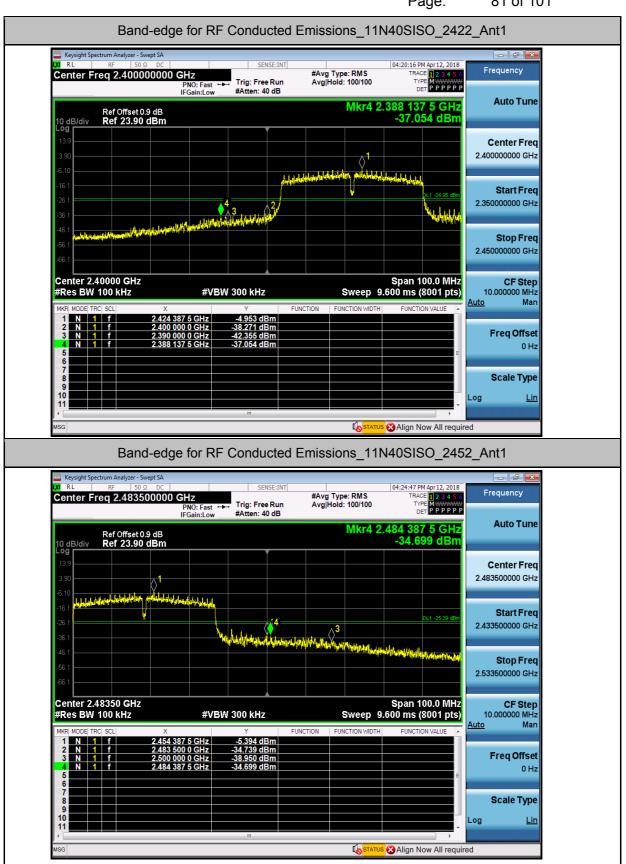


Report No.: GZEM180200096001





Report No.: GZEM180200096001





Report No.: GZEM180200096001

Page: 82 of 101

#### **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	4.035	-47.487	<- 15.965	PASS
11B	2412	Ant1	10000	26000	100	300	4.035	-51.665	<- 15.965	PASS
11B	2442	Ant1	30	10000	100	300	3.463	-50.470	<- 16.537	PASS
11B	2442	Ant1	10000	26000	100	300	3.463	-51.181	<- 16.537	PASS
11B	2462	Ant1	30	10000	100	300	3.328	-52.015	<- 16.672	PASS
11B	2462	Ant1	10000	26000	100	300	3.328	-51.737	<- 16.672	PASS
11G	2412	Ant1	30	10000	100	300	-0.982	-54.091	<- 20.982	PASS
11G	2412	Ant1	10000	26000	100	300	-0.982	-52.361	<- 20.982	PASS
11G	2442	Ant1	30	10000	100	300	-1.511	-54.103	<- 21.511	PASS
11G	2442	Ant1	10000	26000	100	300	-1.511	-51.935	<- 21.511	PASS
11G	2462	Ant1	30	10000	100	300	-1.659	-53.849	<- 21.659	PASS
11G	2462	Ant1	10000	26000	100	300	-1.659	-52.643	<- 21.659	PASS
11N20SISO	2412	Ant1	30	10000	100	300	-0.999	-47.041	<- 20.999	PASS
11N20SISO	2412	Ant1	10000	26000	100	300	-0.999	-52.065	<- 20.999	PASS
11N20SISO	2442	Ant1	30	10000	100	300	-1.652	-53.874	<- 21.652	PASS
11N20SISO	2442	Ant1	10000	26000	100	300	-1.652	-52.155	<- 21.652	PASS
11N20SISO	2462	Ant1	30	10000	100	300	-1.565	-54.235	<- 21.565	PASS
11N20SISO	2462	Ant1	10000	26000	100	300	-1.565	-52.026	<- 21.565	PASS
11N40SISO	2422	Ant1	30	10000	100	300	-4.951	-54.636	<- 24.951	PASS



Report No.: GZEM180200096001

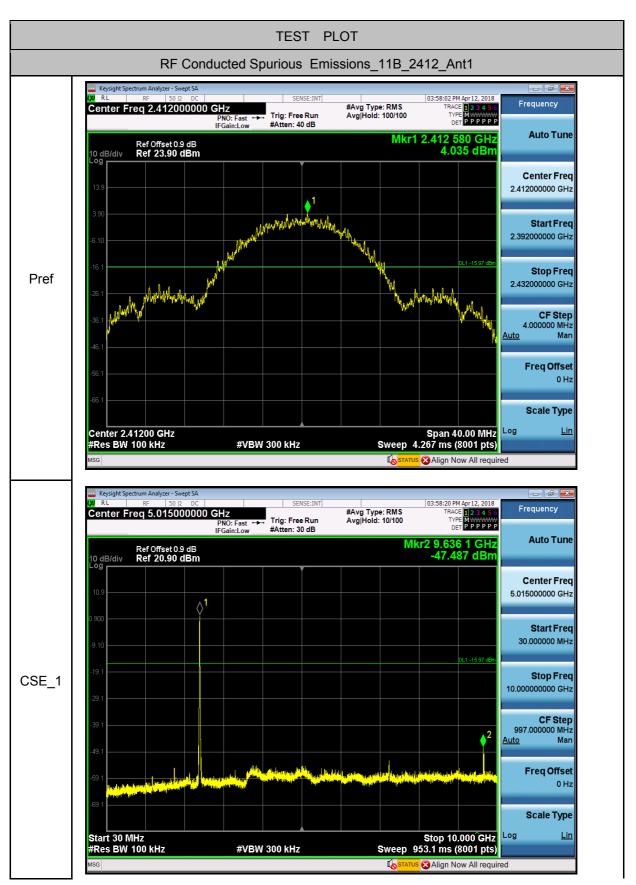
Page: 83 of 101

11N40SISO	2422	Ant1	10000	26000	100	300	-4.951	-51.882	<- 24.951	PASS
11N40SISO	2442	Ant1	30	10000	100	300	-5.303	-53.713	<- 25.303	PASS
11N40SISO	2442	Ant1	10000	26000	100	300	-5.303	-52.159	<- 25.303	PASS
11N40SISO	2452	Ant1	30	10000	100	300	-5.454	-54.084	<- 25.454	PASS
11N40SISO	2452	Ant1	10000	26000	100	300	-5.454	-51.336	<- 25.454	PASS



Report No.: GZEM180200096001

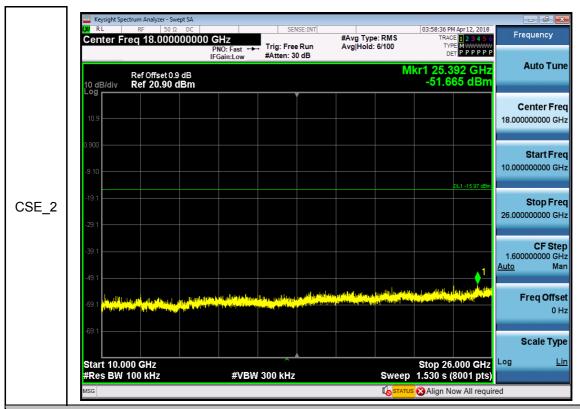
Page: 84 of 101



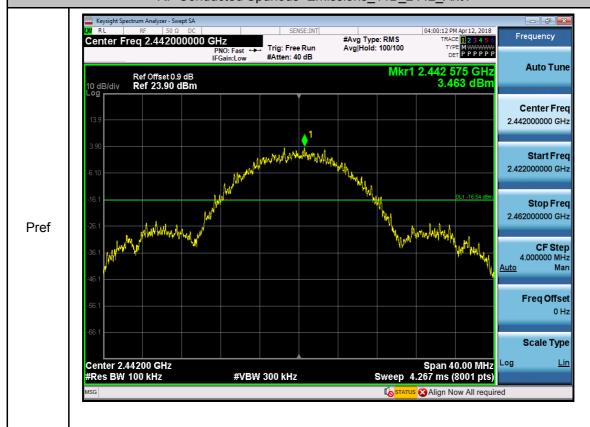


Report No.: GZEM180200096001

Page: 85 of 101



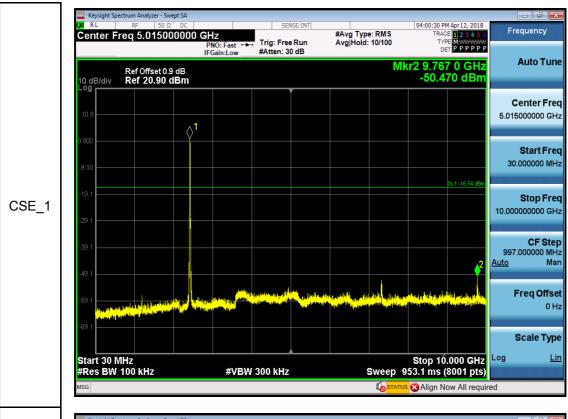
#### RF Conducted Spurious Emissions 11B 2442 Ant1





Report No.: GZEM180200096001

Page: 86 of 101



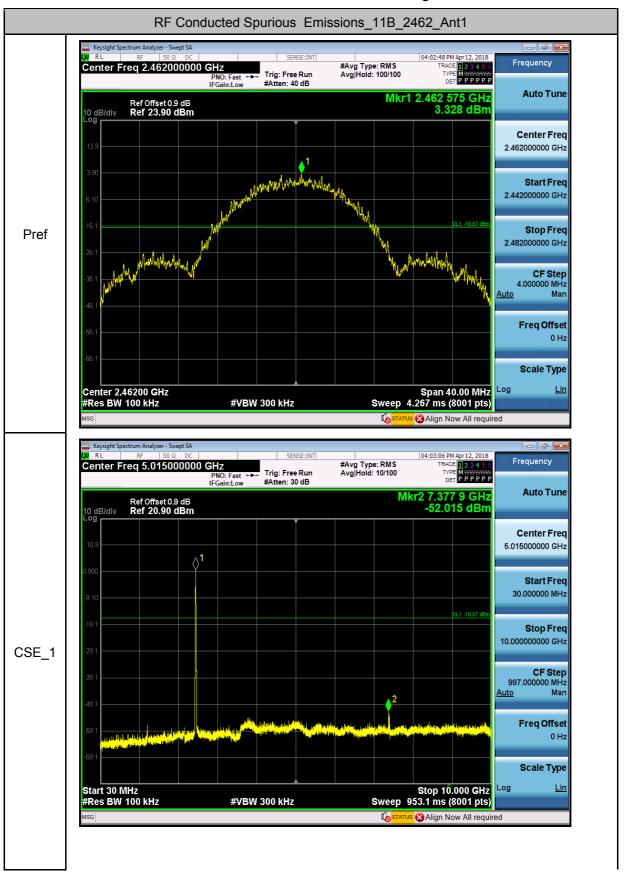


This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms 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.: GZEM180200096001

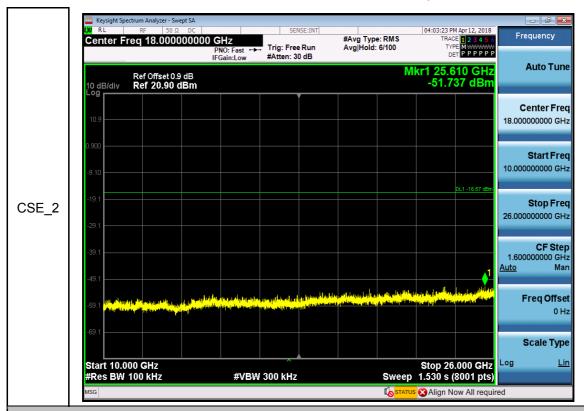
Page: 87 of 101



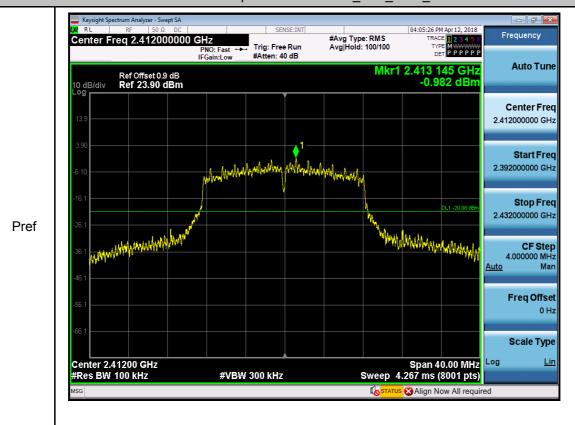


Report No.: GZEM180200096001

Page: 88 of 101



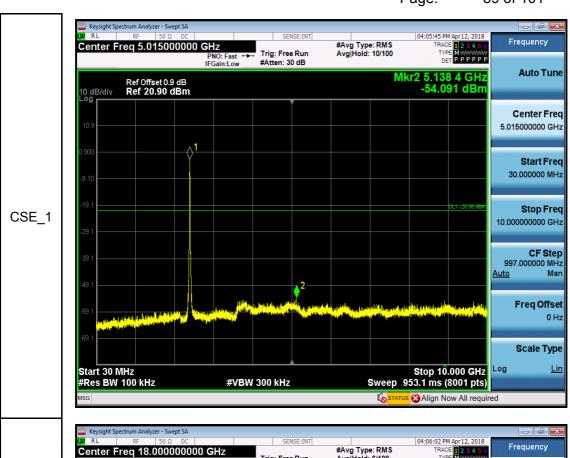
#### RF Conducted Spurious Emissions 11G 2412 Ant1





Report No.: GZEM180200096001

Page: 89 of 101



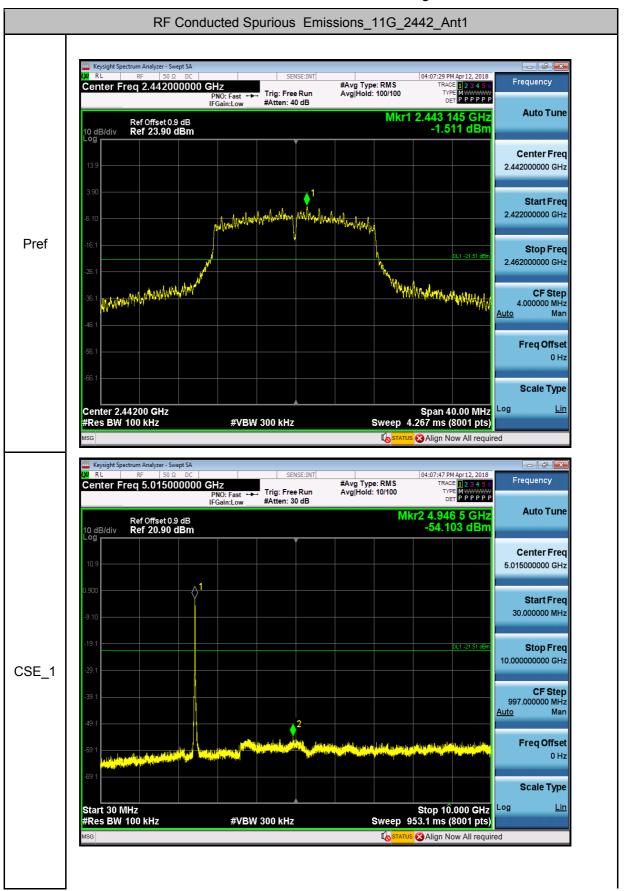


This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms 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.: GZEM180200096001

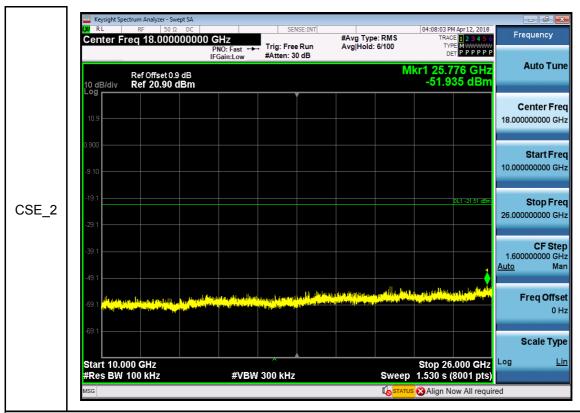
Page: 90 of 101





Report No.: GZEM180200096001

Page: 91 of 101



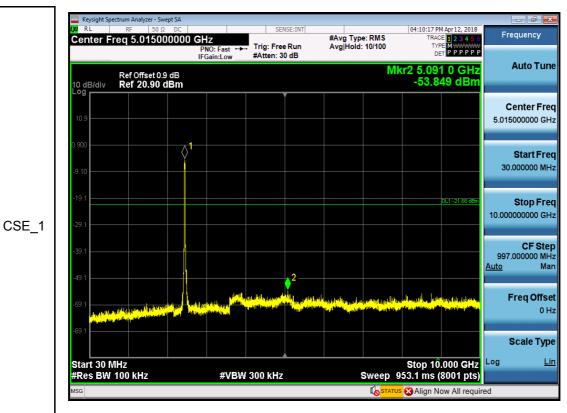
#### RF Conducted Spurious Emissions\_11G\_2462\_Ant1





Report No.: GZEM180200096001

Page: 92 of 101



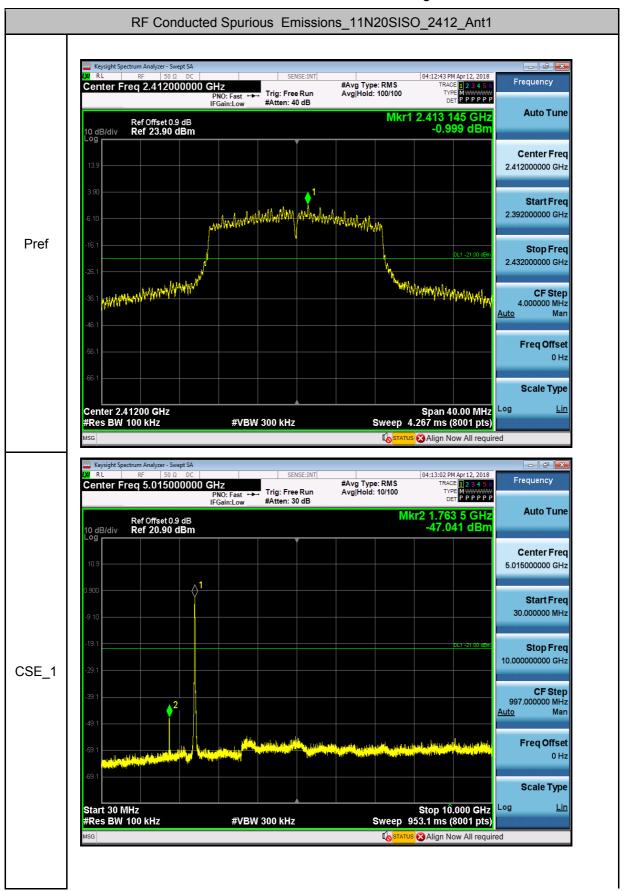


This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms 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.: GZEM180200096001

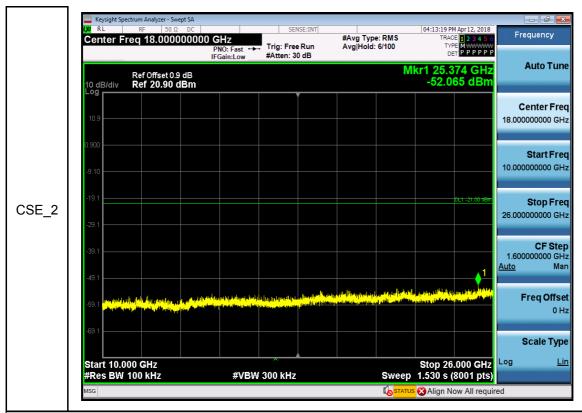
Page: 93 of 101



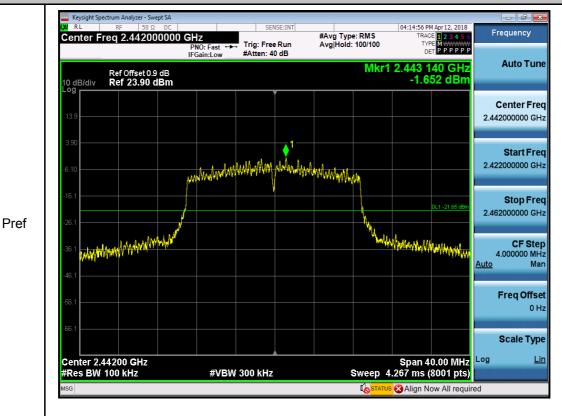


Report No.: GZEM180200096001

Page: 94 of 101



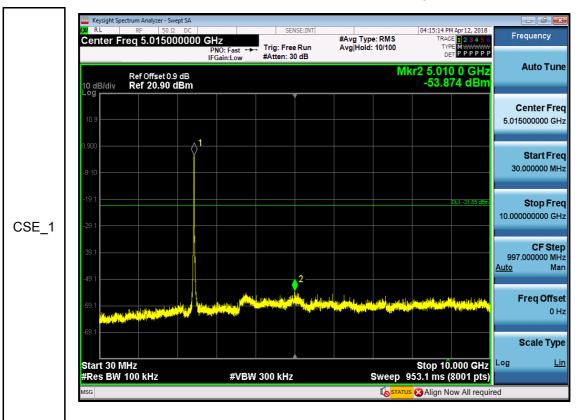
#### RF Conducted Spurious Emissions\_11N20SISO\_2442\_Ant1

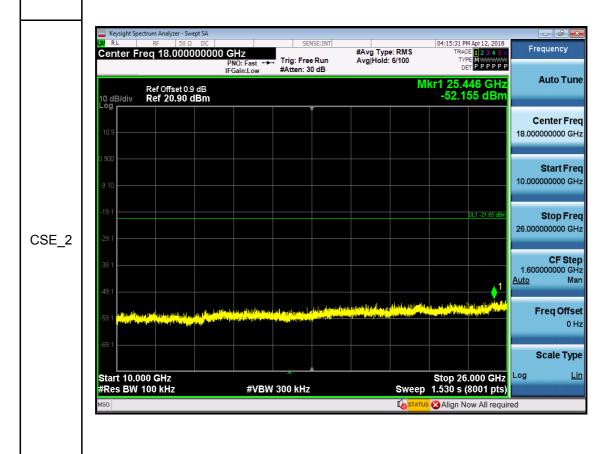




Report No.: GZEM180200096001

Page: 95 of 101



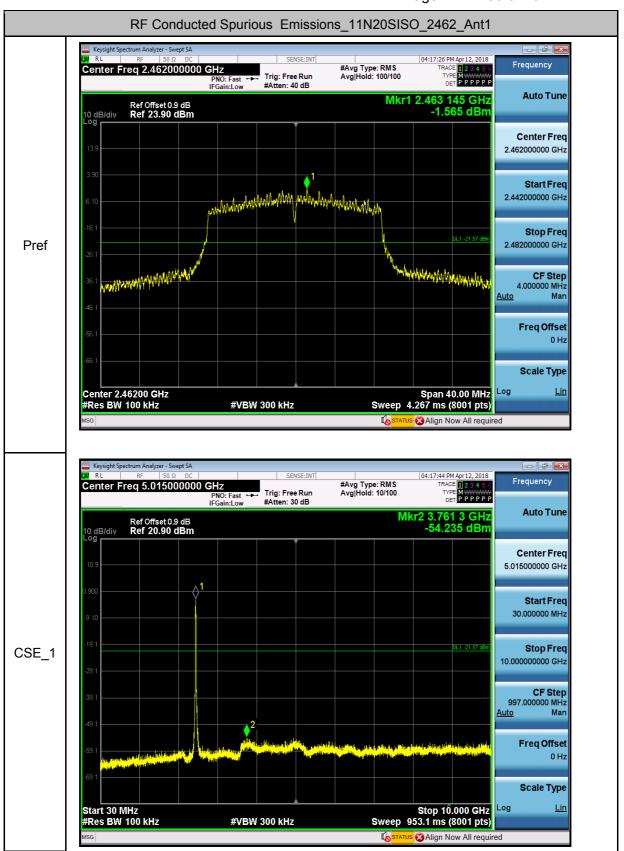


This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms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



Report No.: GZEM180200096001

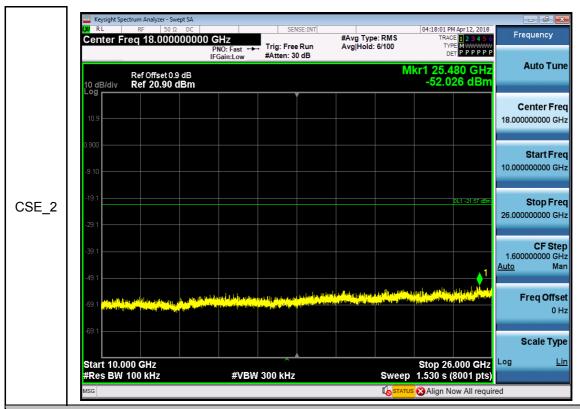
Page: 96 of 101



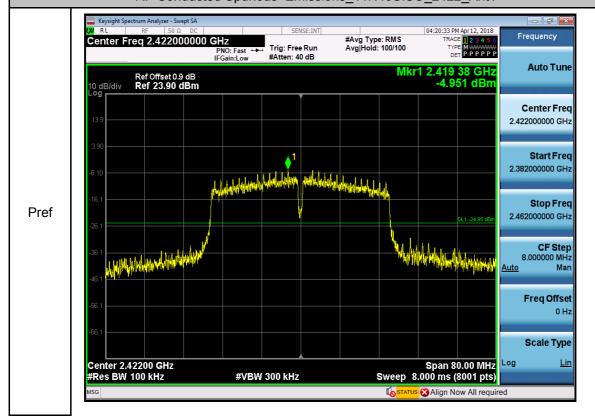


Report No.: GZEM180200096001

Page: 97 of 101



#### RF Conducted Spurious Emissions 11N40SISO 2422 Ant1



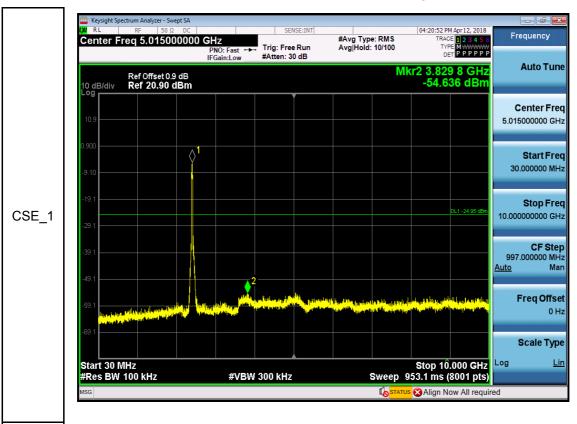


CSE 2

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

Report No.: GZEM180200096001

Page: 98 of 101





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.: GZEM180200096001

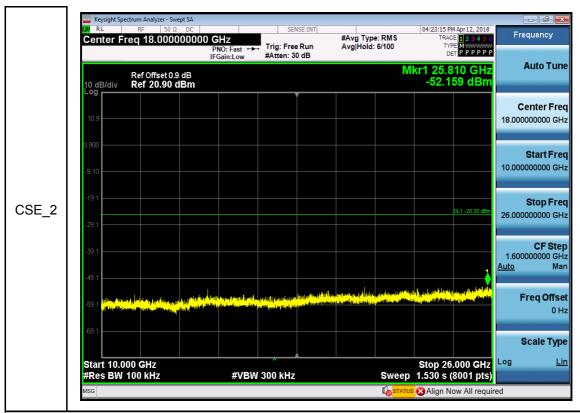
Page: 99 of 101



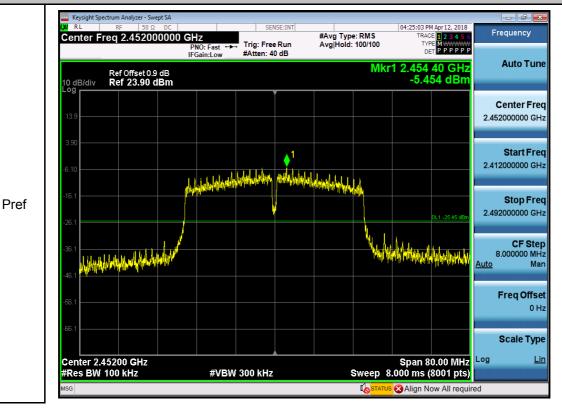


Report No.: GZEM180200096001

Page: 100 of 101



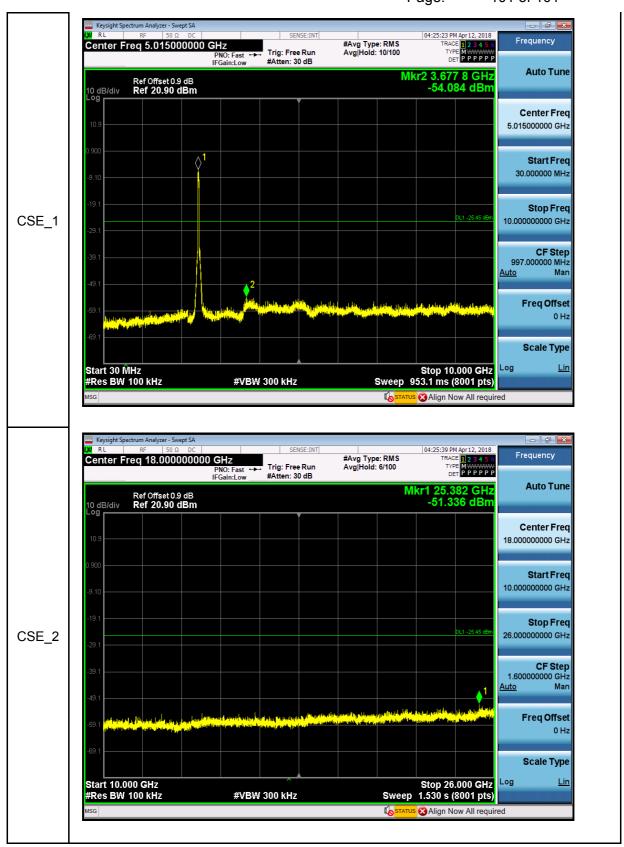
#### RF Conducted Spurious Emissions\_11N40SISO\_2452\_Ant1





Report No.: GZEM180200096001

Page: 101 of 101



#### -- End of Report-