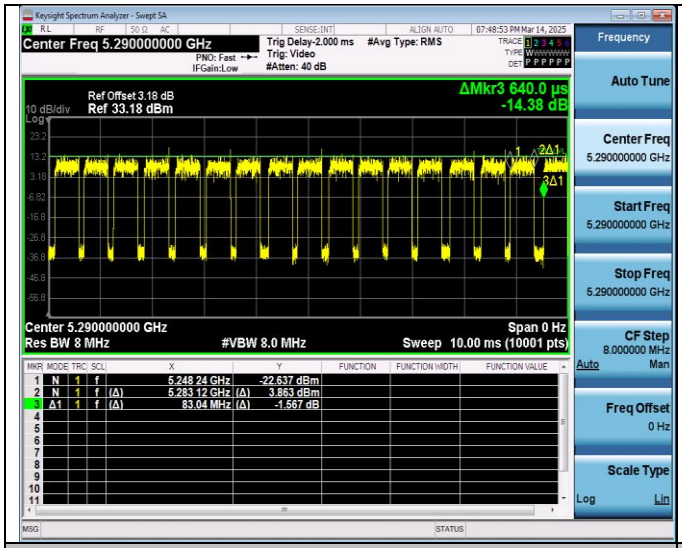
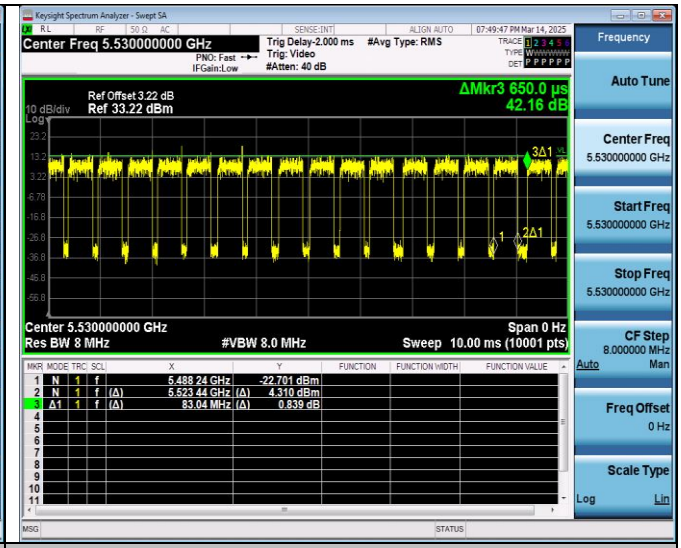
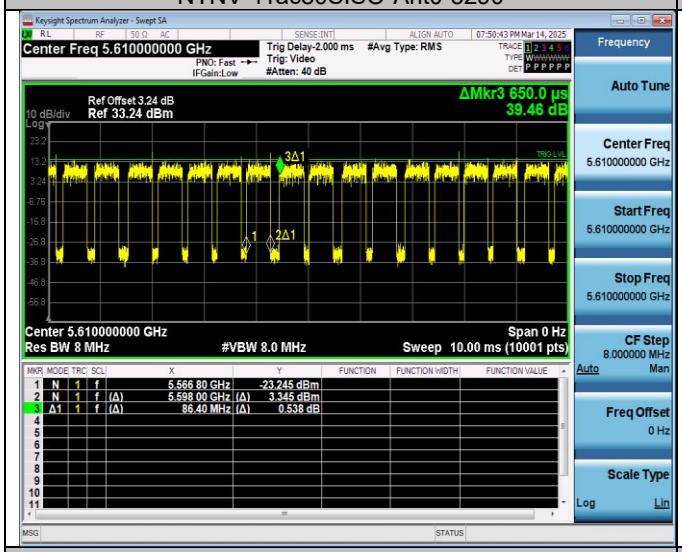


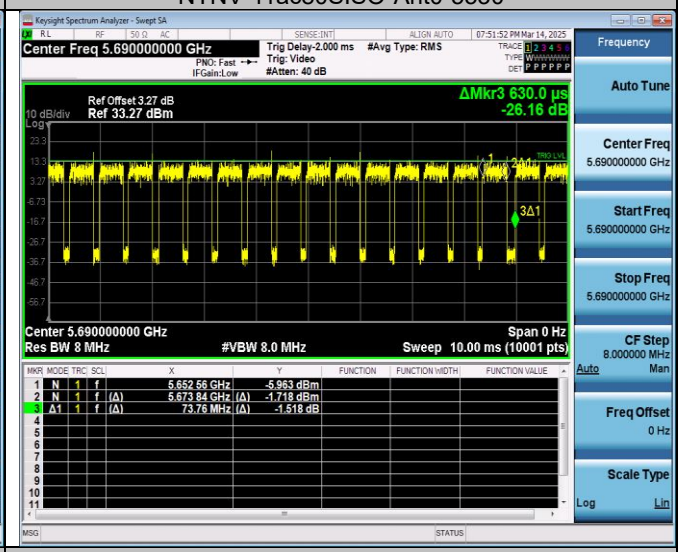
NTNV-11ac80SISO-Ant0-5290



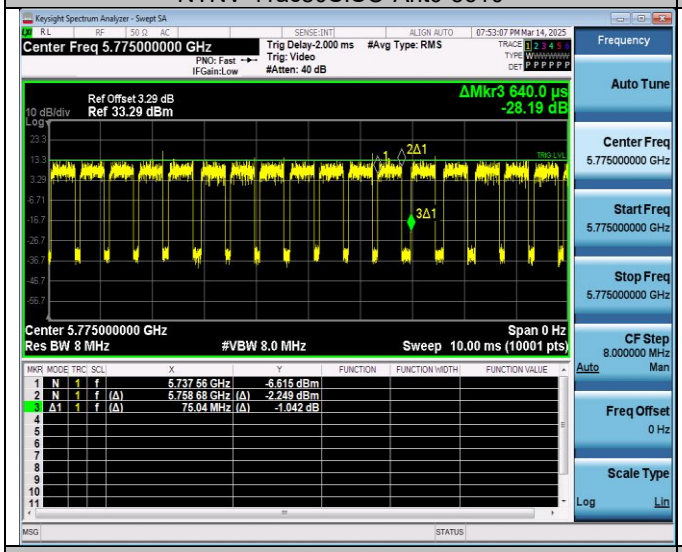
NTNV-11ac80SISO-Ant0-5530



NTNV-11ac80SISO-Ant0-5610



NTNV-11ac80SISO-Ant0-5690



NTNV-11ac80SISO-Ant0-5775

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11a	Ant0	5180	16.24	≤23.98	PASS
11a	Ant0	5200	16.13	≤23.98	PASS
11a	Ant0	5240	16.18	≤23.98	PASS
11n20SISO	Ant0	5180	15.12	≤23.98	PASS
11n20SISO	Ant0	5200	15.17	≤23.98	PASS
11n20SISO	Ant0	5240	15.24	≤23.98	PASS
11n40SISO	Ant0	5190	15.02	≤23.98	PASS
11n40SISO	Ant0	5230	15.07	≤23.98	PASS
11ac20SISO	Ant0	5180	15.24	≤23.98	PASS
11ac20SISO	Ant0	5200	15.18	≤23.98	PASS
11ac20SISO	Ant0	5240	15.31	≤23.98	PASS
11ac40SISO	Ant0	5190	15.12	≤23.98	PASS
11ac40SISO	Ant0	5230	15.38	≤23.98	PASS
11ac80SISO	Ant0	5210	13.24	≤23.98	PASS

Test Mode	Antenna	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11a	Ant0	5260	16.44	≤23.98	PASS
11a	Ant0	5300	16.29	≤23.98	PASS
11a	Ant0	5320	16.29	≤23.98	PASS
11n20SISO	Ant0	5260	15.39	≤23.98	PASS
11n20SISO	Ant0	5300	15.27	≤23.98	PASS
11n20SISO	Ant0	5320	15.42	≤23.98	PASS
11n40SISO	Ant0	5270	15.07	≤23.98	PASS
11n40SISO	Ant0	5310	15.17	≤23.98	PASS
11ac20SISO	Ant0	5260	15.44	≤23.98	PASS
11ac20SISO	Ant0	5300	15.29	≤23.98	PASS
11ac20SISO	Ant0	5320	15.31	≤23.98	PASS
11ac40SISO	Ant0	5270	15.04	≤23.98	PASS
11ac40SISO	Ant0	5310	15.27	≤23.98	PASS
11ac80SISO	Ant0	5290	13.34	≤23.98	PASS

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Test Mode	Antenna	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11a	Ant0	5500	16.21	≤23.98	PASS
11a	Ant0	5580	16.02	≤23.98	PASS
11a	Ant0	5700	16.33	≤23.98	PASS
11a	Ant0	5720_UNII-2C	14.96	≤23.98	PASS
11n20SISO	Ant0	5500	15.21	≤23.98	PASS
11n20SISO	Ant0	5580	15.21	≤23.98	PASS
11n20SISO	Ant0	5700	15.38	≤23.98	PASS
11n20SISO	Ant0	5720_UNII-2C	13.34	≤23.98	PASS
11n40SISO	Ant0	5510	15.15	≤23.98	PASS
11n40SISO	Ant0	5590	15.25	≤23.98	PASS
11n40SISO	Ant0	5670	15.44	≤23.98	PASS
11n40SISO	Ant0	5710_UNII-2C	14.69	≤23.98	PASS
11ac20SISO	Ant0	5500	15.19	≤23.98	PASS
11ac20SISO	Ant0	5580	15.20	≤23.98	PASS
11ac20SISO	Ant0	5700	15.39	≤23.98	PASS
11ac20SISO	Ant0	5720_UNII-2C	13.51	≤23.98	PASS
11ac40SISO	Ant0	5510	15.02	≤23.98	PASS
11ac40SISO	Ant0	5590	15.16	≤23.98	PASS
11ac40SISO	Ant0	5670	15.47	≤23.98	PASS
11ac40SISO	Ant0	5710_UNII-2C	14.07	≤23.98	PASS
11ac80SISO	Ant0	5530	13.18	≤23.98	PASS
11ac80SISO	Ant0	5610	13.22	≤23.98	PASS
11ac80SISO	Ant0	5690_UNII-2C	13.50	≤23.98	PASS

Test Mode	Antenna	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11a	Ant0	5720_UNII-3	6.34	≤30.00	PASS
11a	Ant0	5745	16.29	≤30.00	PASS
11a	Ant0	5785	16.21	≤30.00	PASS
11a	Ant0	5825	16.22	≤30.00	PASS
11n20SISO	Ant0	5720_UNII-3	5.30	≤30.00	PASS
11n20SISO	Ant0	5745	15.46	≤30.00	PASS
11n20SISO	Ant0	5785	15.33	≤30.00	PASS
11n20SISO	Ant0	5825	15.36	≤30.00	PASS
11n40SISO	Ant0	5710_UNII-3	1.04	≤30.00	PASS
11n40SISO	Ant0	5755	15.25	≤30.00	PASS
11n40SISO	Ant0	5795	15.31	≤30.00	PASS
11ac20SISO	Ant0	5720_UNII-3	5.28	≤30.00	PASS
11ac20SISO	Ant0	5745	15.44	≤30.00	PASS
11ac20SISO	Ant0	5785	15.45	≤30.00	PASS
11ac20SISO	Ant0	5825	15.28	≤30.00	PASS
11ac40SISO	Ant0	5710_UNII-3	1.16	≤30.00	PASS
11ac40SISO	Ant0	5755	15.22	≤30.00	PASS
11ac40SISO	Ant0	5795	15.32	≤30.00	PASS
11ac80SISO	Ant0	5690_UNII-3	-6.30	≤30.00	PASS
11ac80SISO	Ant0	5775	13.11	≤30.00	PASS

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11a	Ant0	5180	5.18	≤11.00	PASS
11a	Ant0	5200	5.18	≤11.00	PASS
11a	Ant0	5240	5.32	≤11.00	PASS
11a	Ant0	5260	5.45	≤11.00	PASS
11a	Ant0	5300	5.09	≤11.00	PASS
11a	Ant0	5320	5.03	≤11.00	PASS
11a	Ant0	5500	4.54	≤11.00	PASS
11a	Ant0	5580	4.44	≤11.00	PASS
11a	Ant0	5700	5.05	≤11.00	PASS
11a	Ant0	5720_UNII-2C	4.53	≤11.00	PASS
11a	Ant0	5720_UNII-3	0.83	≤30.00	PASS
11a	Ant0	5745	2.16	≤30.00	PASS
11a	Ant0	5785	2.08	≤30.00	PASS
11a	Ant0	5825	2.01	≤30.00	PASS
11n20SISO	Ant0	5180	3.90	≤11.00	PASS
11n20SISO	Ant0	5200	3.84	≤11.00	PASS
11n20SISO	Ant0	5240	3.95	≤11.00	PASS
11n20SISO	Ant0	5260	3.98	≤11.00	PASS
11n20SISO	Ant0	5300	3.79	≤11.00	PASS
11n20SISO	Ant0	5320	3.83	≤11.00	PASS
11n20SISO	Ant0	5500	3.83	≤11.00	PASS
11n20SISO	Ant0	5580	3.18	≤11.00	PASS
11n20SISO	Ant0	5700	3.85	≤11.00	PASS
11n20SISO	Ant0	5720_UNII-2C	3.65	≤11.00	PASS
11n20SISO	Ant0	5720_UNII-3	-0.35	≤30.00	PASS
11n20SISO	Ant0	5745	1.03	≤30.00	PASS
11n20SISO	Ant0	5785	1.08	≤30.00	PASS
11n20SISO	Ant0	5825	0.59	≤30.00	PASS
11n40SISO	Ant0	5190	1.07	≤11.00	PASS
11n40SISO	Ant0	5230	0.69	≤11.00	PASS
11n40SISO	Ant0	5270	1.05	≤11.00	PASS
11n40SISO	Ant0	5310	1.17	≤11.00	PASS
11n40SISO	Ant0	5510	0.76	≤11.00	PASS
11n40SISO	Ant0	5590	0.93	≤11.00	PASS
11n40SISO	Ant0	5670	1.06	≤11.00	PASS
11n40SISO	Ant0	5710_UNII-2C	0.76	≤11.00	PASS
11n40SISO	Ant0	5710_UNII-3	-4.77	≤30.00	PASS
11n40SISO	Ant0	5755	-1.62	≤30.00	PASS
11n40SISO	Ant0	5795	-2.05	≤30.00	PASS
11ac20SISO	Ant0	5180	3.84	≤11.00	PASS
11ac20SISO	Ant0	5200	3.87	≤11.00	PASS
11ac20SISO	Ant0	5240	3.98	≤11.00	PASS
11ac20SISO	Ant0	5260	4.47	≤11.00	PASS
11ac20SISO	Ant0	5300	4.22	≤11.00	PASS
11ac20SISO	Ant0	5320	4.12	≤11.00	PASS
11ac20SISO	Ant0	5500	3.98	≤11.00	PASS
11ac20SISO	Ant0	5580	3.51	≤11.00	PASS
11ac20SISO	Ant0	5700	3.90	≤11.00	PASS
11ac20SISO	Ant0	5720_UNII-2C	3.57	≤11.00	PASS
11ac20SISO	Ant0	5720_UNII-3	-0.45	≤30.00	PASS
11ac20SISO	Ant0	5745	1.13	≤30.00	PASS
11ac20SISO	Ant0	5785	1.05	≤30.00	PASS
11ac20SISO	Ant0	5825	0.56	≤30.00	PASS
11ac40SISO	Ant0	5190	0.67	≤11.00	PASS
11ac40SISO	Ant0	5230	0.70	≤11.00	PASS
11ac40SISO	Ant0	5270	1.07	≤11.00	PASS
11ac40SISO	Ant0	5310	1.09	≤11.00	PASS
11ac40SISO	Ant0	5510	1.20	≤11.00	PASS
11ac40SISO	Ant0	5590	0.73	≤11.00	PASS
11ac40SISO	Ant0	5670	1.16	≤11.00	PASS
11ac40SISO	Ant0	5710_UNII-2C	1.88	≤11.00	PASS
11ac40SISO	Ant0	5710_UNII-3	-3.83	≤30.00	PASS

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

11ac40SISO	Ant0	5755	-1.89	≤30.00	PASS
11ac40SISO	Ant0	5795	-2.19	≤30.00	PASS
11ac80SISO	Ant0	5210	-3.65	≤11.00	PASS
11ac80SISO	Ant0	5290	-3.21	≤11.00	PASS
11ac80SISO	Ant0	5530	-3.57	≤11.00	PASS
11ac80SISO	Ant0	5610	-3.25	≤11.00	PASS
11ac80SISO	Ant0	5690_UNII-2C	-3.66	≤11.00	PASS
11ac80SISO	Ant0	5690_UNII-3	-10.18	≤30.00	PASS
11ac80SISO	Ant0	5775	-6.39	≤30.00	PASS

Note：1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

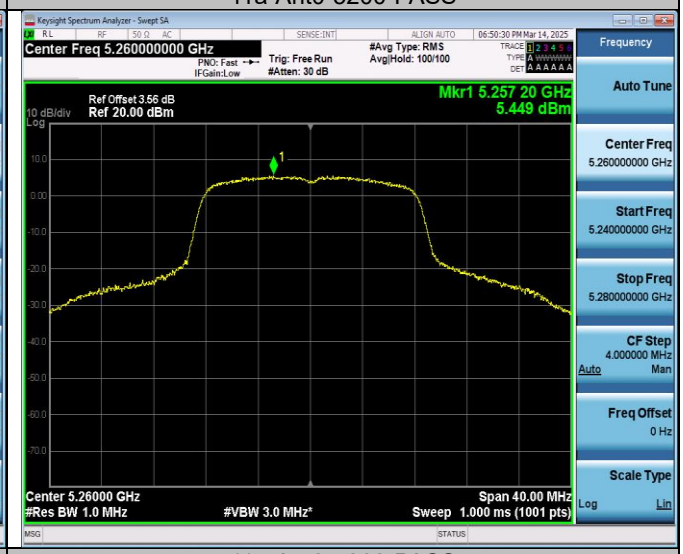
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Test Graphs

11a-Ant0-5180-PASS

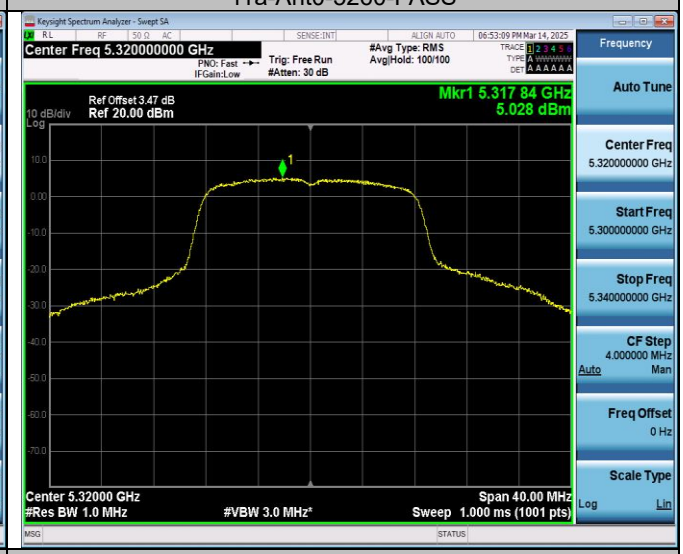
11a-Ant0-5200-PASS

11a-Ant0-5240-PASS



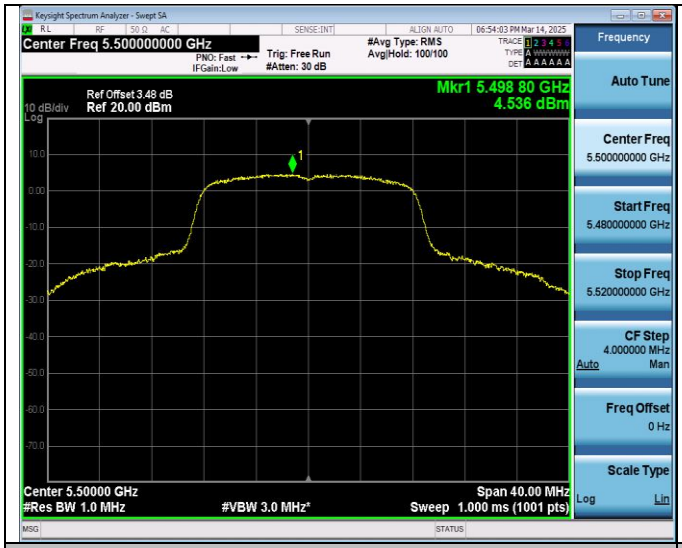
11a-Ant0-5260-PASS

11a-Ant0-5300-PASS



11a-Ant0-5320-PASS

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.



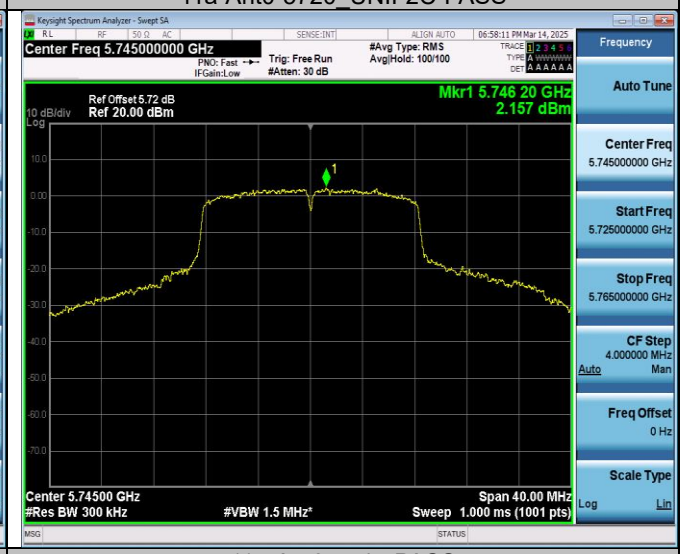
11a-Ant0-5500-PASS

11a-Ant0-5580-PASS

11a-Ant0-5700-PASS

11a-Ant0-5720_UNII-2C-PASS

11a-Ant0-5720_UNII-3-PASS

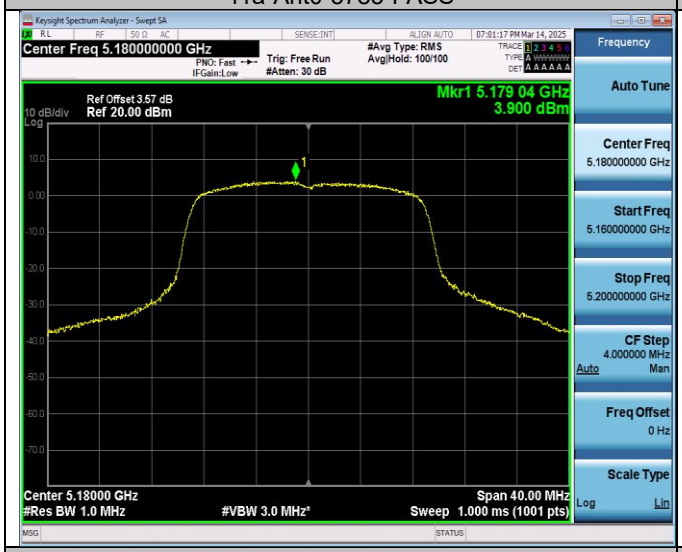


11a-Ant0-5745-PASS

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

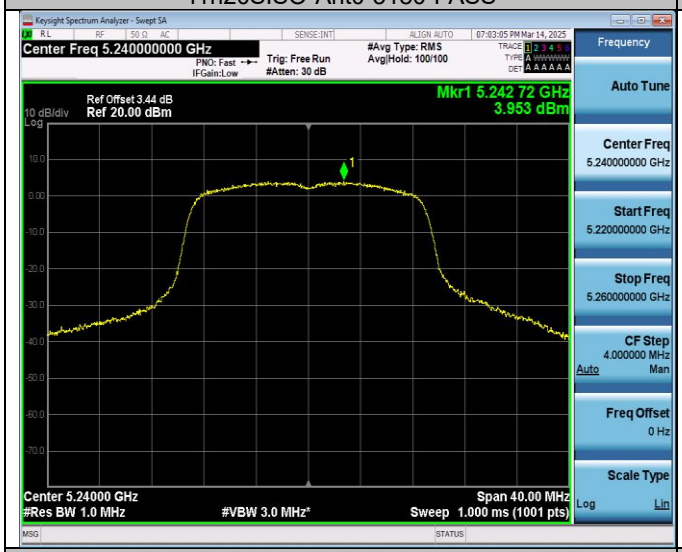
11a-Ant0-5785-PASS

11a-Ant0-5825-PASS



11n20SISO-Ant0-5180-PASS

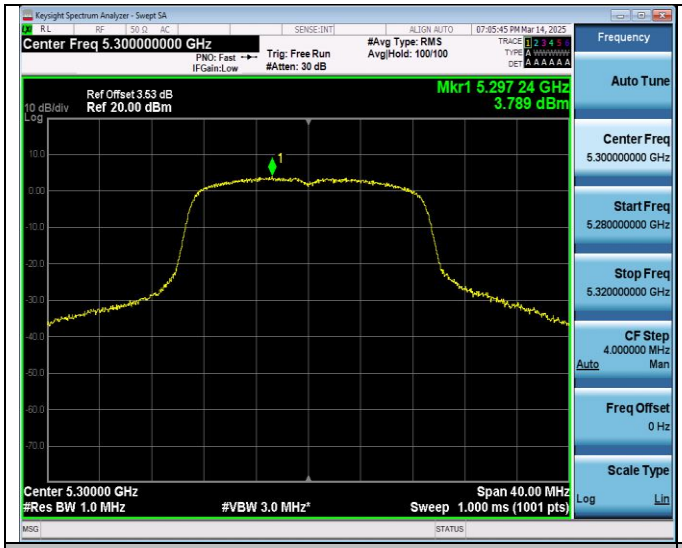
11n20SISO-Ant0-5200-PASS



11n20SISO-Ant0-5240-PASS

11n20SISO-Ant0-5260-PASS

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.



11n20SISO-Ant0-5300-PASS

11n20SISO-Ant0-5320-PASS

11n20SISO-Ant0-5500-PASS

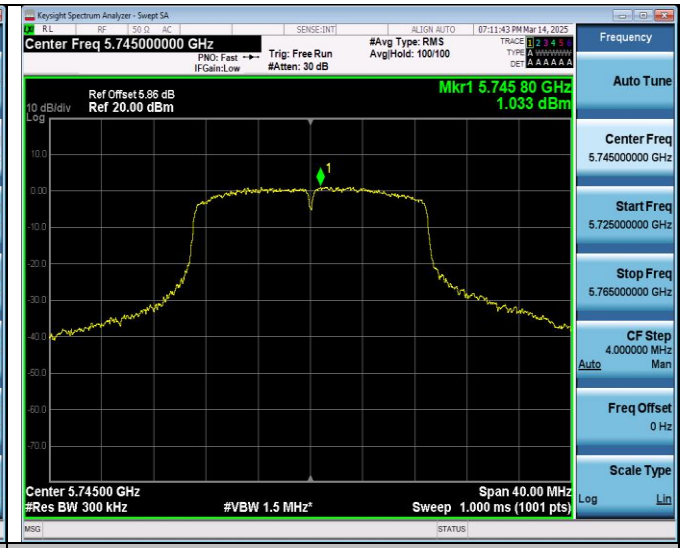
11n20SISO-Ant0-5580-PASS

11n20SISO-Ant0-5700-PASS

11n20SISO-Ant0-5720_UNII-2C-PASS

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

11n20SISO-Ant0-5720_UNII-3-PASS



11n20SISO-Ant0-5745-PASS

11n20SISO-Ant0-5785-PASS

11n20SISO-Ant0-5825-PASS

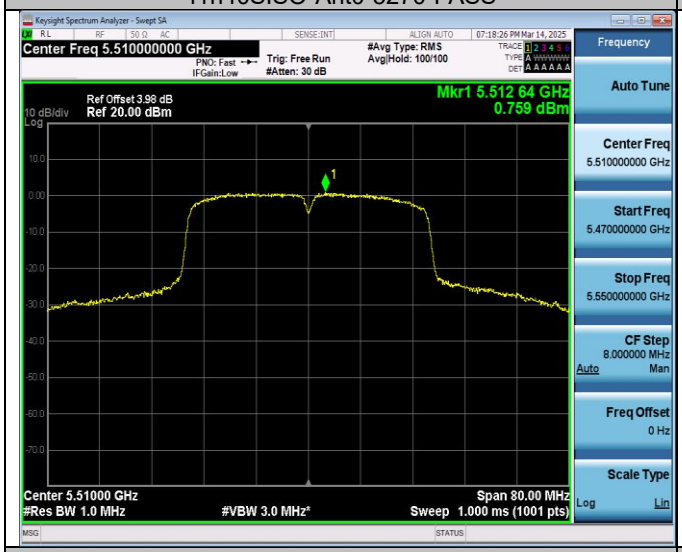
11n40SISO-Ant0-5190-PASS

11n40SISO-Ant0-5230-PASS

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

11n40SISO-Ant0-5270-PASS

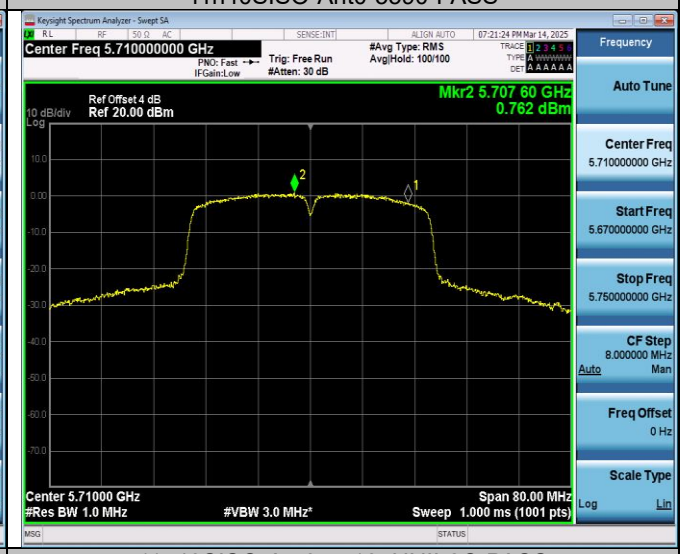
11n40SISO-Ant0-5310-PASS



11n40SISO-Ant0-5510-PASS

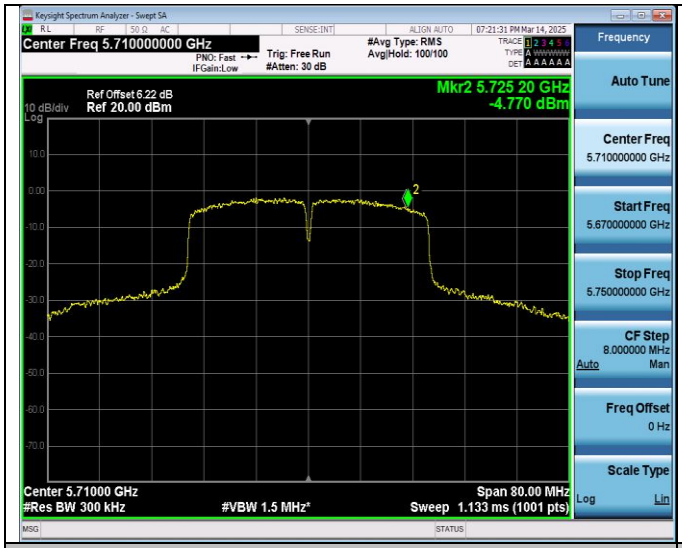
11n40SISO-Ant0-5590-PASS

11n40SISO-Ant0-5670-PASS



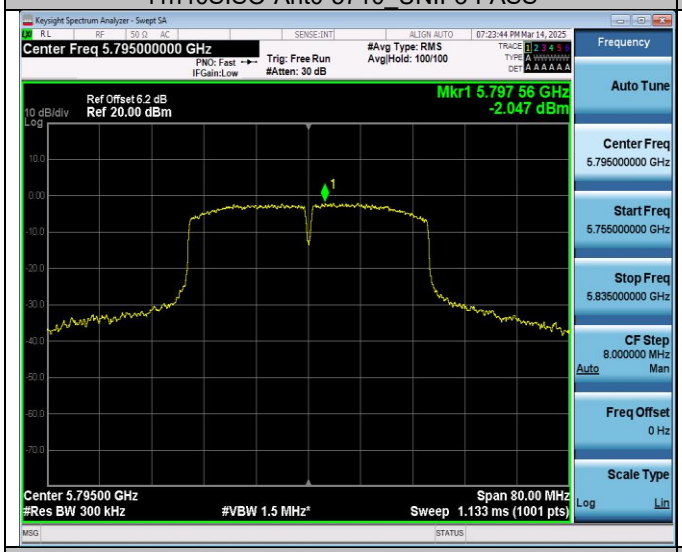
11n40SISO-Ant0-5710_UNII-2C-PASS

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.



11n40SISO-Ant0-5710_UNII-3-PASS

11n40SISO-Ant0-5755-PASS



11n40SISO-Ant0-5795-PASS

11ac20SISO-Ant0-5180-PASS

11ac20SISO-Ant0-5200-PASS

11ac20SISO-Ant0-5240-PASS

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

11ac20SISO-Ant0-5260-PASS

11ac20SISO-Ant0-5300-PASS

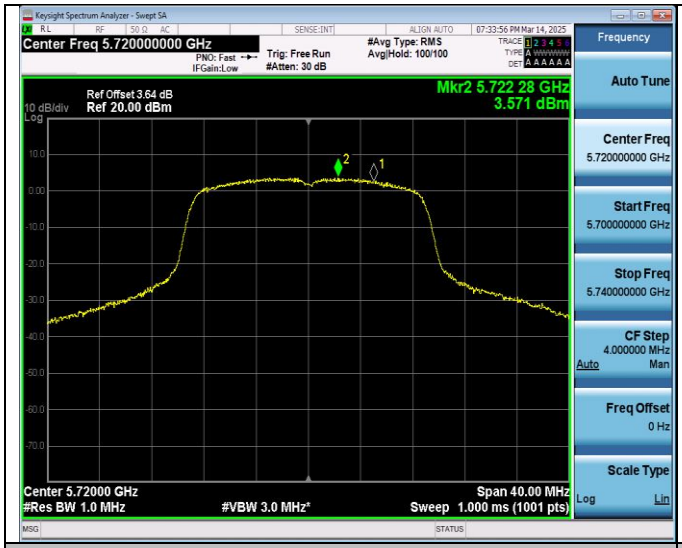
11ac20SISO-Ant0-5320-PASS

11ac20SISO-Ant0-5500-PASS

11ac20SISO-Ant0-5580-PASS

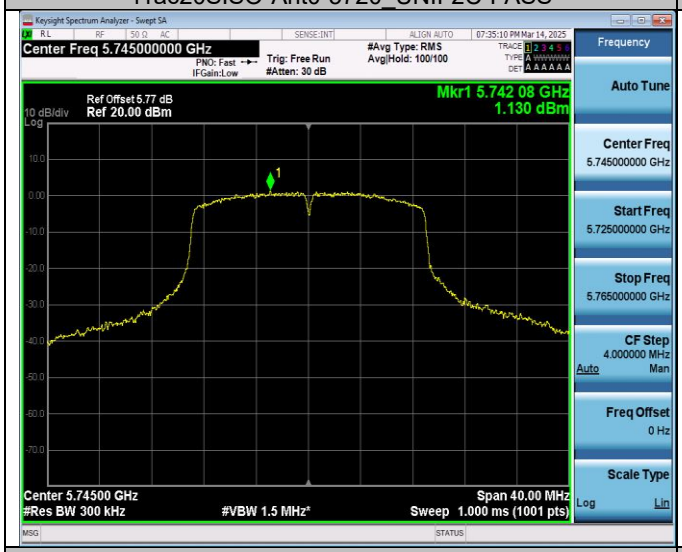
11ac20SISO-Ant0-5700-PASS

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.



11ac20SISO-Ant0-5720_UNII-2C-PASS

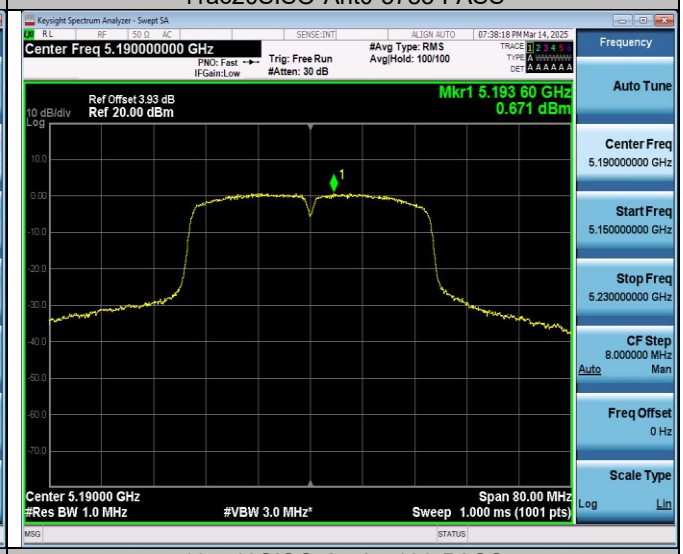
11ac20SISO-Ant0-5720_UNII-3-PASS



11ac20SISO-Ant0-5745-PASS

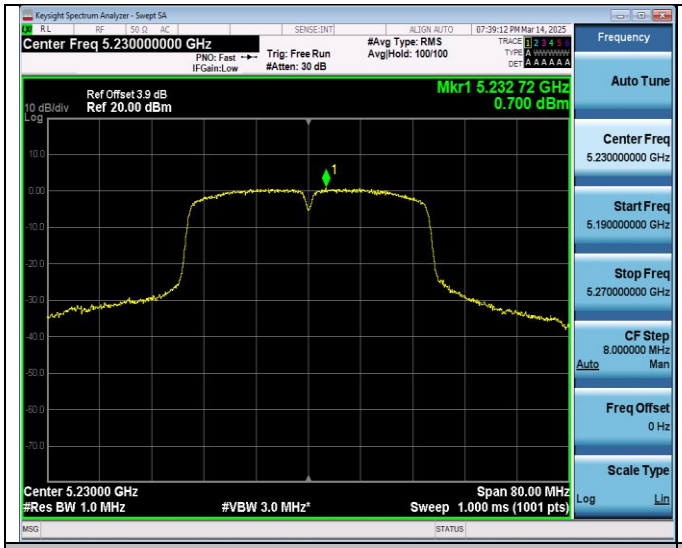
11ac20SISO-Ant0-5785-PASS

11ac20SISO-Ant0-5825-PASS



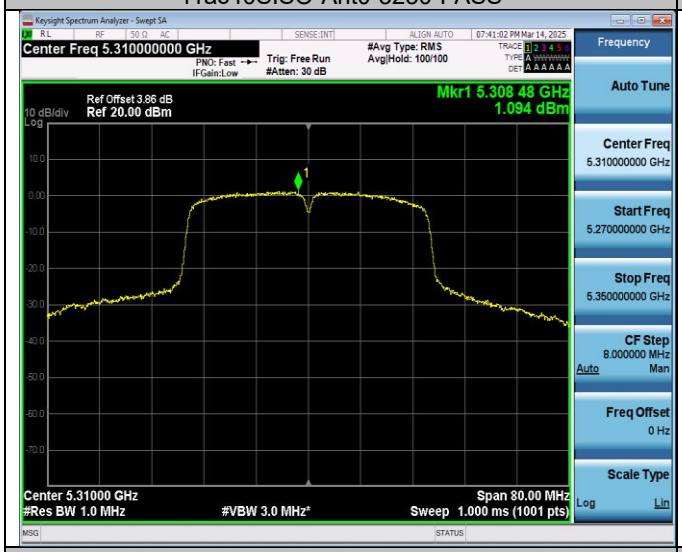
11ac40SISO-Ant0-5190-PASS

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.



11ac40SISO-Ant0-5230-PASS

11ac40SISO-Ant0-5270-PASS



11ac40SISO-Ant0-5310-PASS

11ac40SISO-Ant0-5510-PASS

11ac40SISO-Ant0-5590-PASS

11ac40SISO-Ant0-5670-PASS

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.