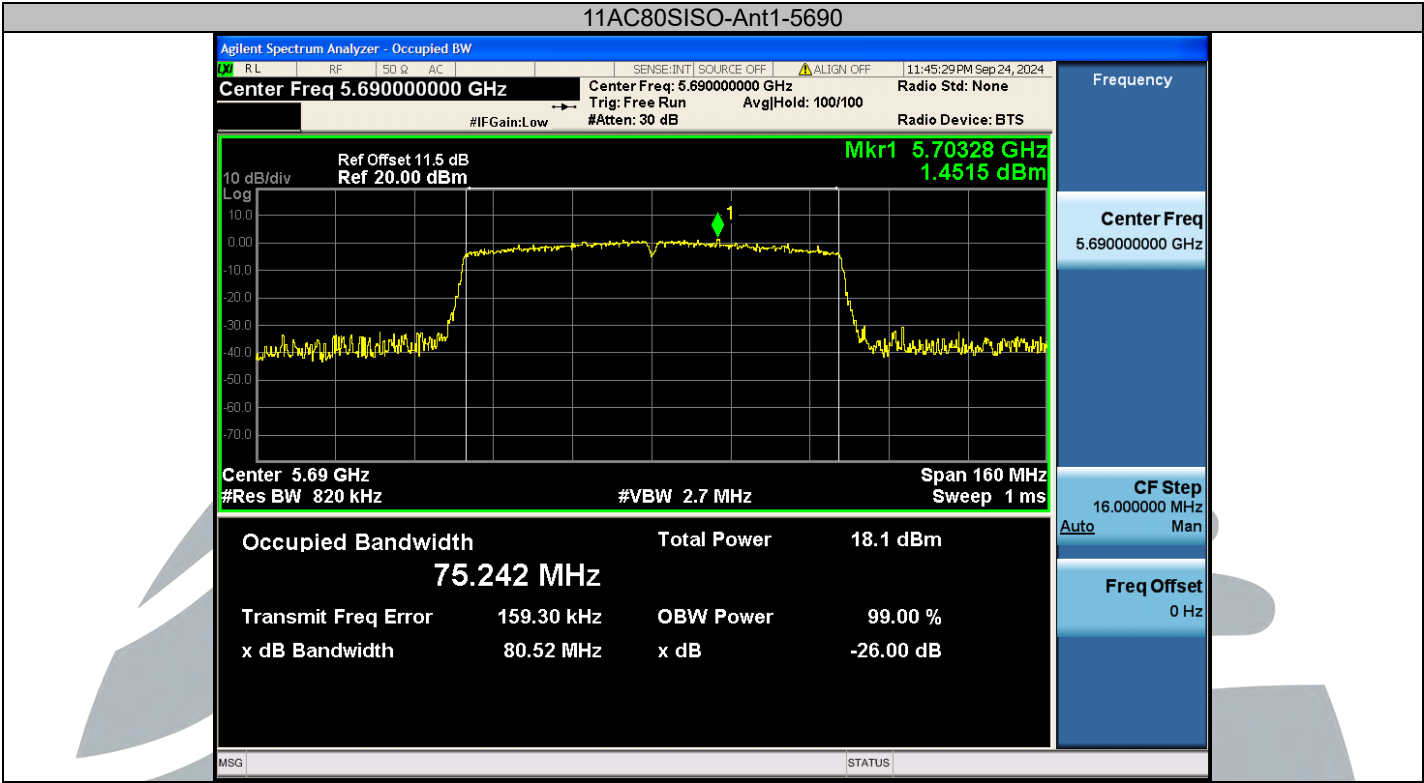




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A.2 99% OCCUPIED BANDWIDTH

For U-NII-1, U-NII-2A, U-NII-2C band

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.888	---	---
11A	Ant1	5220	16.847	---	---
11A	Ant1	5240	16.975	---	---
11A	Ant1	5260	16.940	---	---
11A	Ant1	5300	16.950	---	---
11A	Ant1	5320	16.967	---	---
11A	Ant1	5500	16.916	---	---
11A	Ant1	5600	16.925	---	---
11A	Ant1	5700	16.970	---	---
11A	Ant1	5720	16.971	---	---
11A	Ant1	5720 UNII-2C	13.441	---	---
11A	Ant1	5720 UNII-3	3.53	---	---
11A	Ant1	5745	16.891	---	---
11A	Ant1	5785	16.958	---	---
11A	Ant1	5825	17.014	---	---
11N20SISO	Ant1	5180	17.881	---	---
11N20SISO	Ant1	5220	17.911	---	---
11N20SISO	Ant1	5240	17.911	---	---
11N20SISO	Ant1	5260	17.891	---	---
11N20SISO	Ant1	5300	17.917	---	---
11N20SISO	Ant1	5320	17.988	---	---
11N20SISO	Ant1	5500	17.946	---	---
11N20SISO	Ant1	5600	18.024	---	---
11N20SISO	Ant1	5700	17.948	---	---
11N20SISO	Ant1	5720	17.954	---	---
11N20SISO	Ant1	5720 UNII-2C	13.952	---	---
11N20SISO	Ant1	5720 UNII-3	4.002	---	---
11N20SISO	Ant1	5745	17.950	---	---
11N20SISO	Ant1	5785	17.978	---	---
11N20SISO	Ant1	5825	17.974	---	---
11N40SISO	Ant1	5190	36.496	---	---
11N40SISO	Ant1	5230	36.484	---	---
11N40SISO	Ant1	5270	36.394	---	---
11N40SISO	Ant1	5310	36.477	---	---
11N40SISO	Ant1	5510	36.188	---	---
11N40SISO	Ant1	5590	36.295	---	---
11N40SISO	Ant1	5670	36.241	---	---
11N40SISO	Ant1	5710	36.235	---	---
11N40SISO	Ant1	5710 UNII-2C	33.039	---	---
11N40SISO	Ant1	5710 UNII-3	3.196	---	---
11N40SISO	Ant1	5755	36.549	---	---
11N40SISO	Ant1	5795	36.522	---	---
11AC20SISO	Ant1	5180	17.862	---	---
11AC20SISO	Ant1	5220	17.889	---	---
11AC20SISO	Ant1	5240	17.833	---	---
11AC20SISO	Ant1	5260	17.828	---	---
11AC20SISO	Ant1	5300	17.842	---	---
11AC20SISO	Ant1	5320	17.848	---	---
11AC20SISO	Ant1	5500	17.933	---	---
11AC20SISO	Ant1	5600	17.879	---	---
11AC20SISO	Ant1	5700	17.886	---	---
11AC20SISO	Ant1	5720	17.922	---	---
11AC20SISO	Ant1	5720 UNII-2C	13.92	---	---
11AC20SISO	Ant1	5720 UNII-3	4.002	---	---
11AC20SISO	Ant1	5745	17.901	---	---
11AC20SISO	Ant1	5785	17.900	---	---
11AC20SISO	Ant1	5825	18.040	---	---
11AC40SISO	Ant1	5190	36.182	---	---
11AC40SISO	Ant1	5230	36.243	---	---

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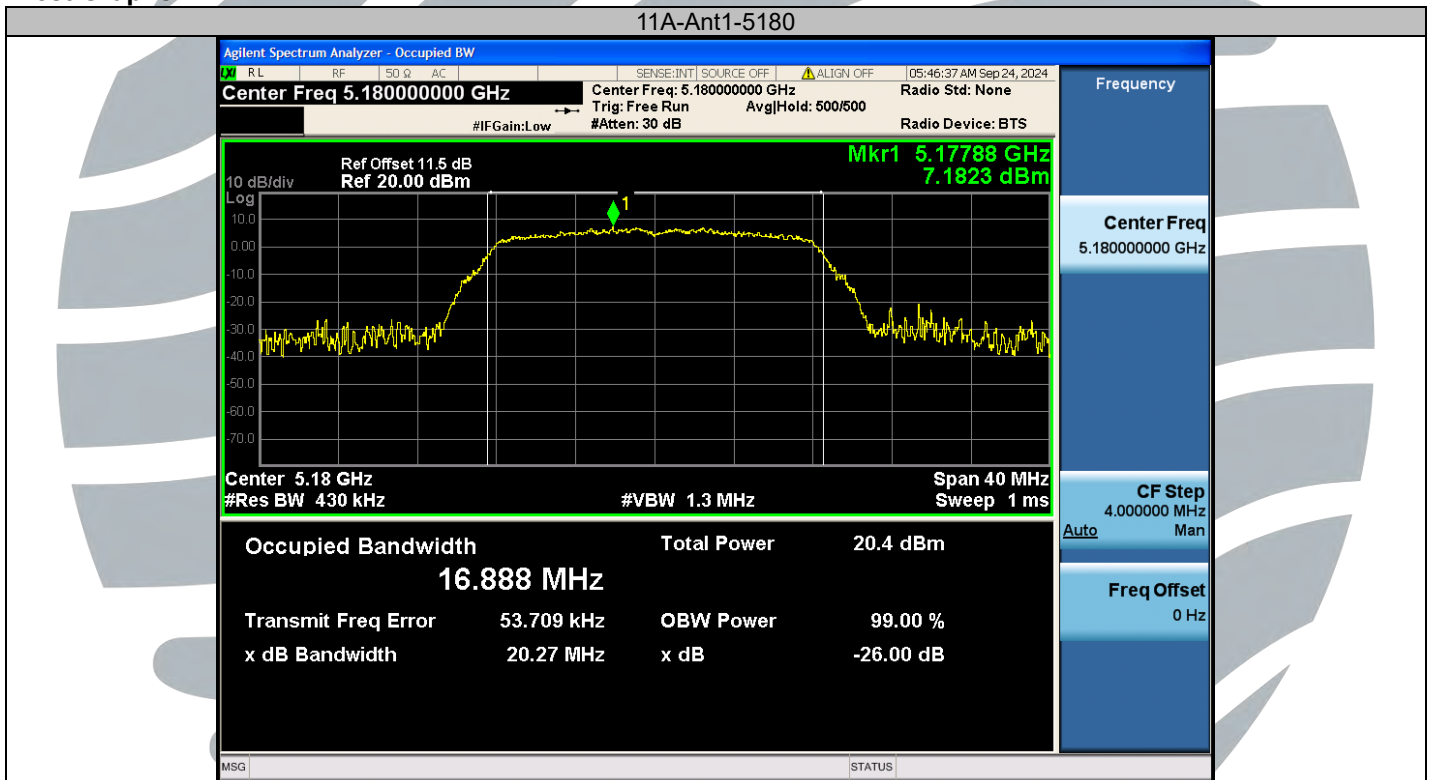
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11AC40SISO	Ant1	5310	36.234	---	---
11AC40SISO	Ant1	5510	36.208	---	---
11AC40SISO	Ant1	5590	36.259	---	---
11AC40SISO	Ant1	5670	36.244	---	---
11AC40SISO	Ant1	5710	36.165	---	---
11AC40SISO	Ant1	5710 UNII-2C	33.025	---	---
11AC40SISO	Ant1	5710 UNII-3	3.14	---	---
11AC40SISO	Ant1	5755	36.253	---	---
11AC40SISO	Ant1	5795	36.376	---	---
11AC80SISO	Ant1	5210	75.278	---	---
11AC80SISO	Ant1	5290	75.271	---	---
11AC80SISO	Ant1	5530	75.201	---	---
11AC80SISO	Ant1	5610	75.333	---	---
11AC80SISO	Ant1	5690	75.412	---	---
11AC80SISO	Ant1	5690 UNII-2C	72.572	---	---
11AC80SISO	Ant1	5690 UNII-3	2.84	---	---
11AC80SISO	Ant1	5775	75.449	---	---

Test Graphs



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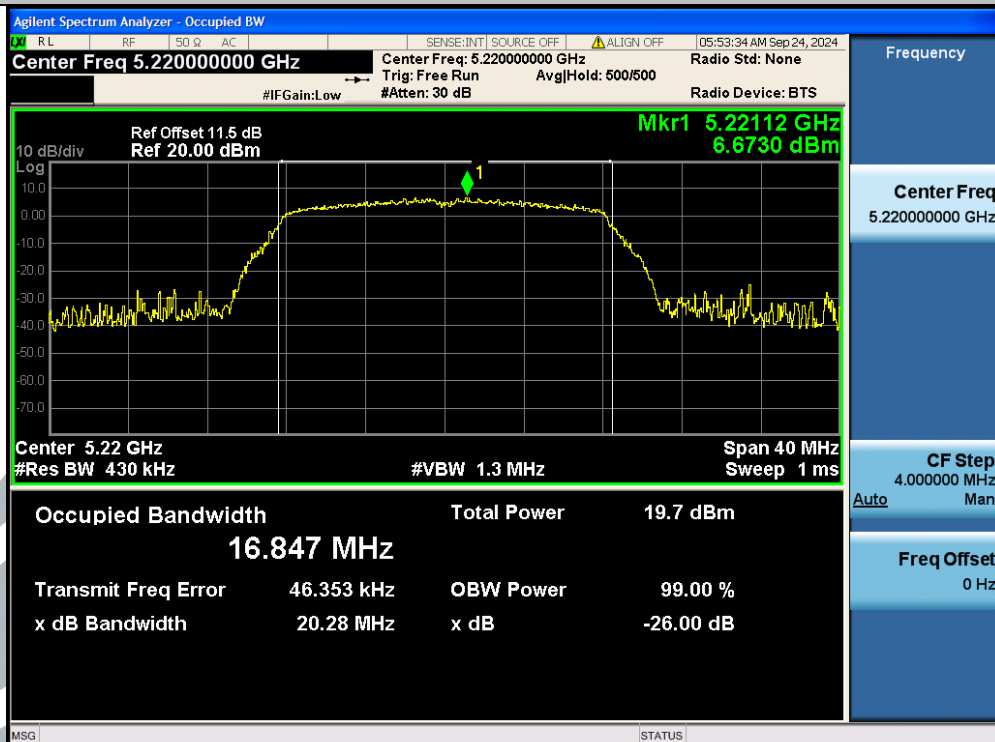
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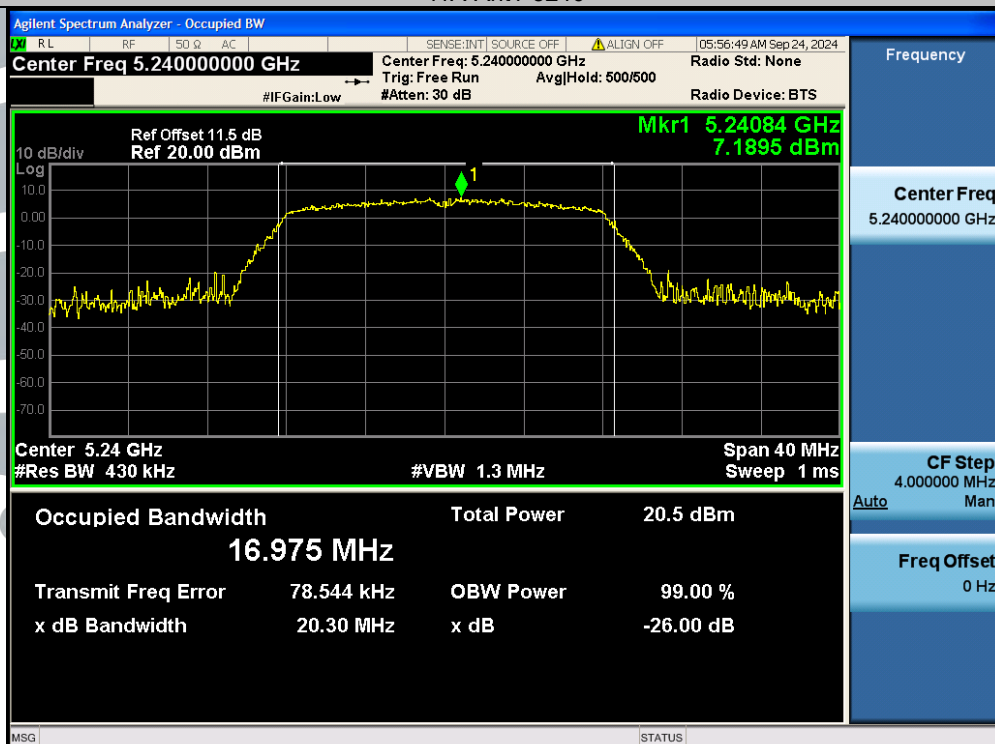
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11A-Ant1-5220



11A-Ant1-5240

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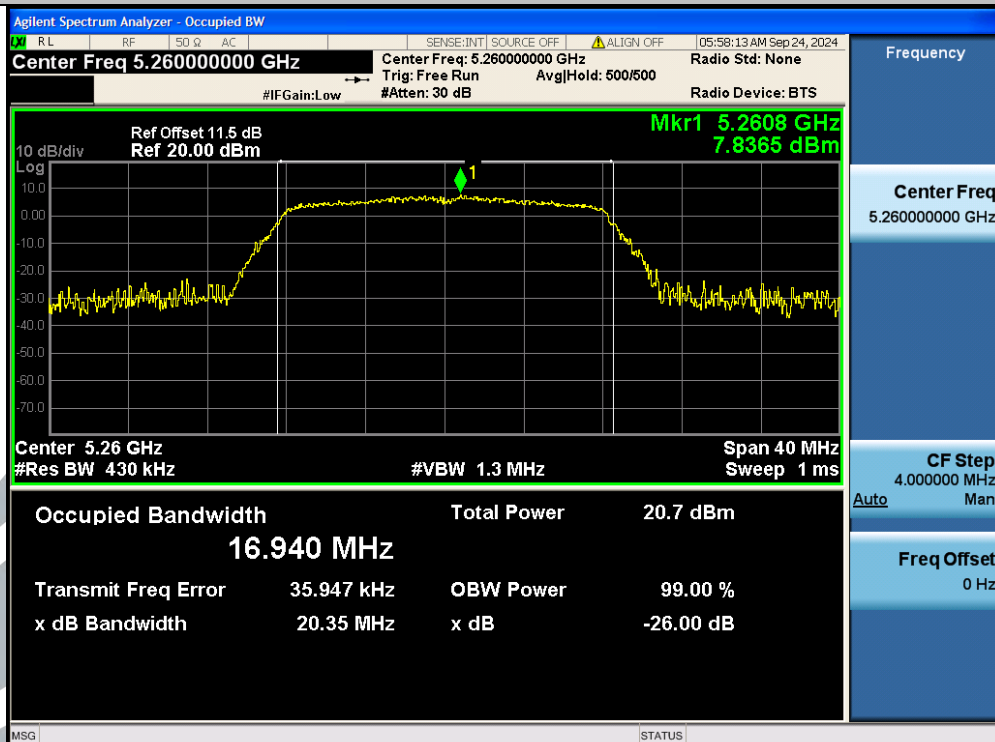
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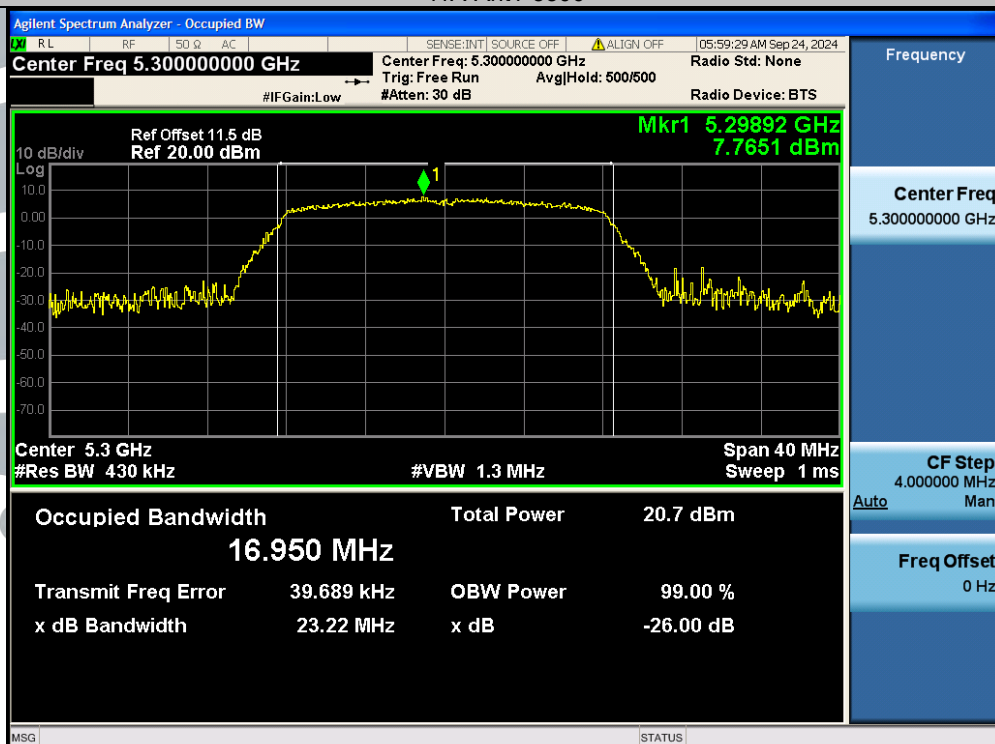
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11A-Ant1-5260



11A-Ant1-5300

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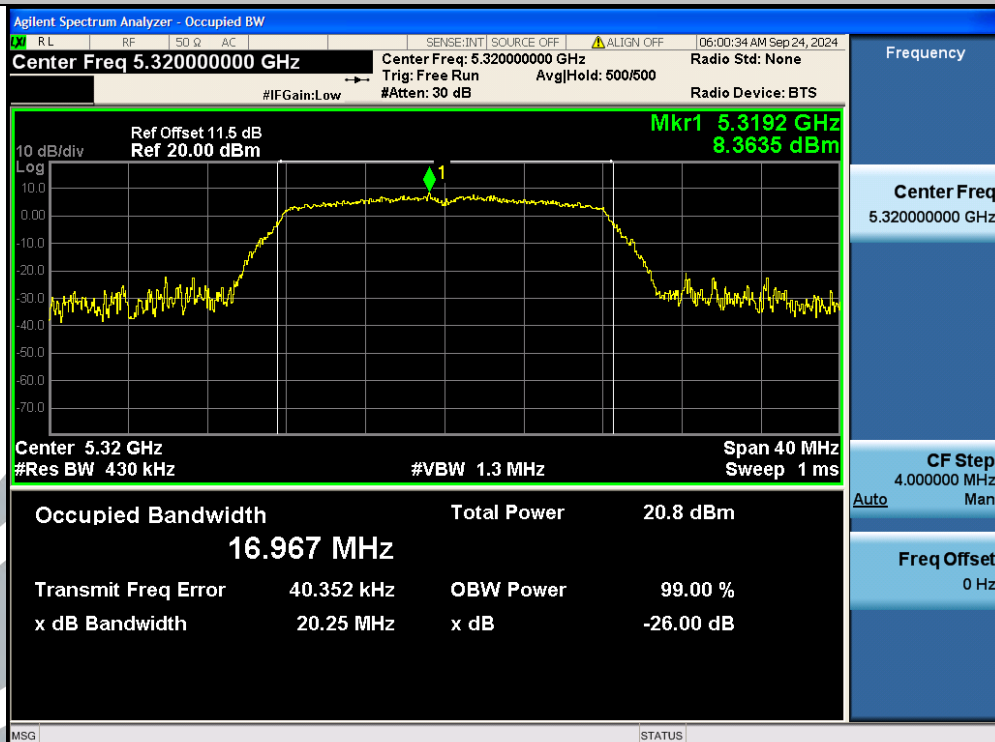
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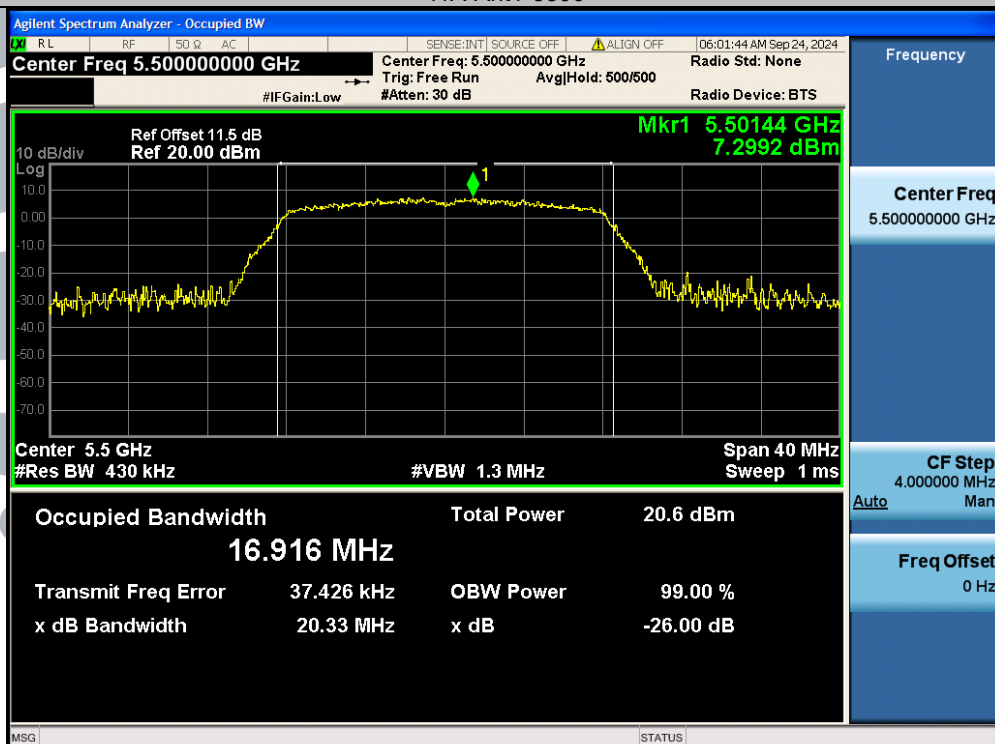
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11A-Ant1-5320



11A-Ant1-5500

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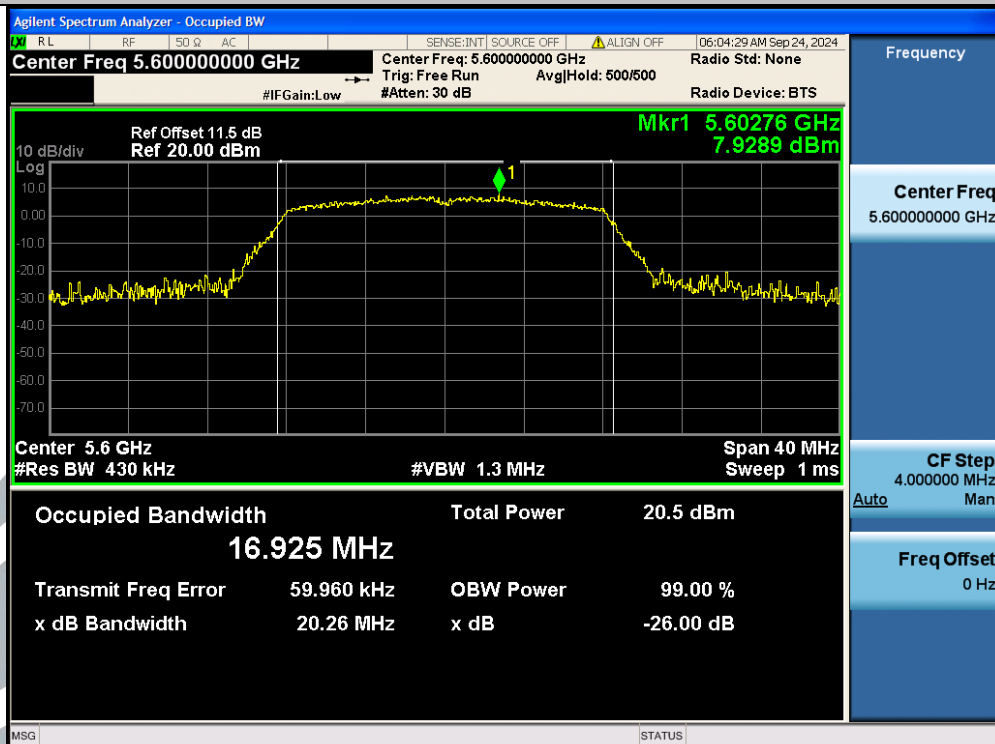
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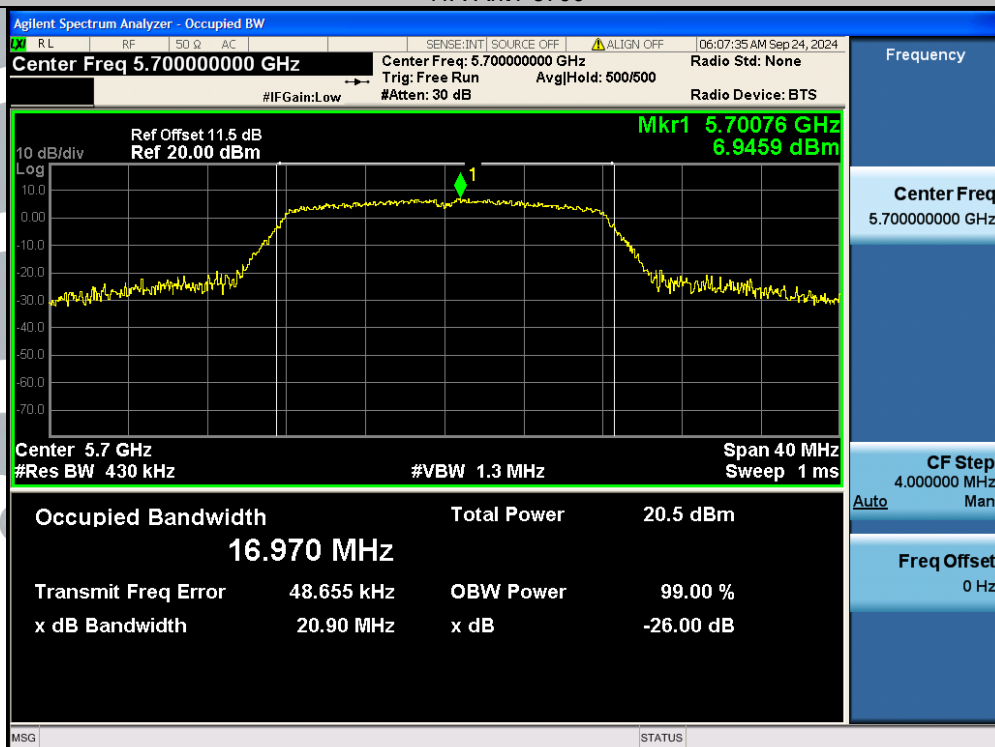
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11A-Ant1-5600



11A-Ant1-5700

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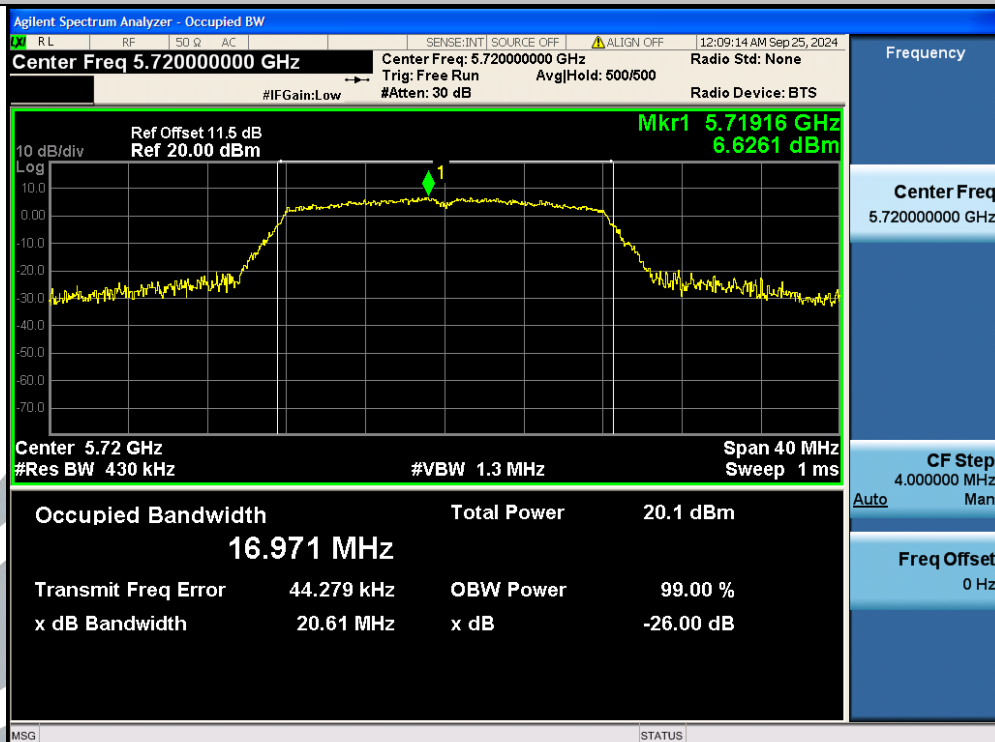
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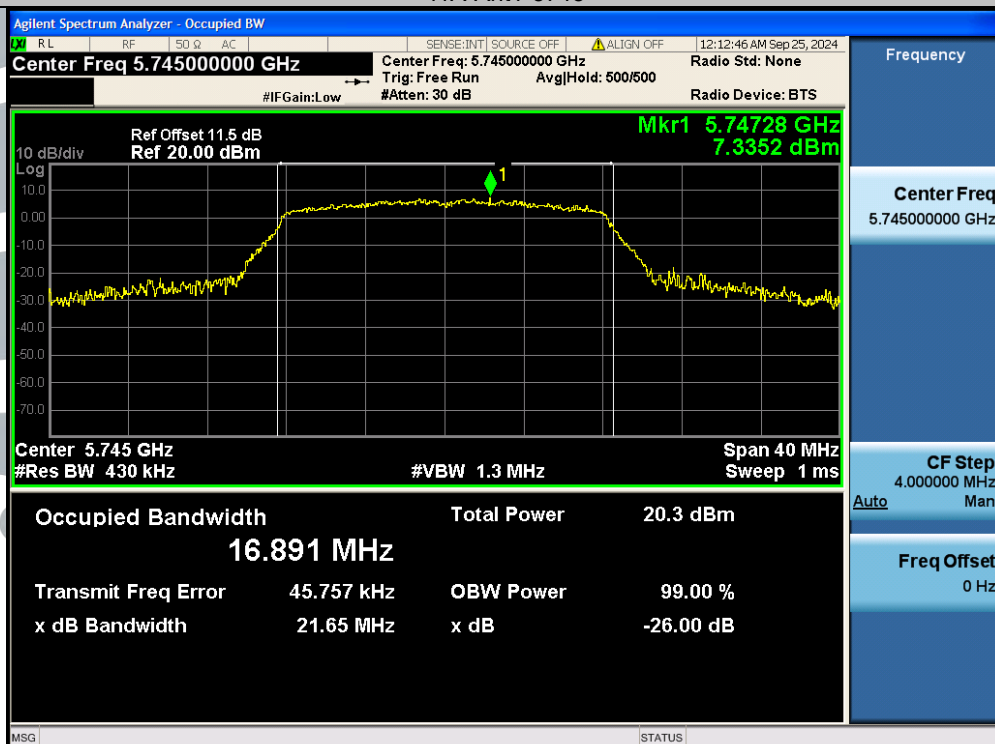
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11A-Ant1-5720



11A-Ant1-5745

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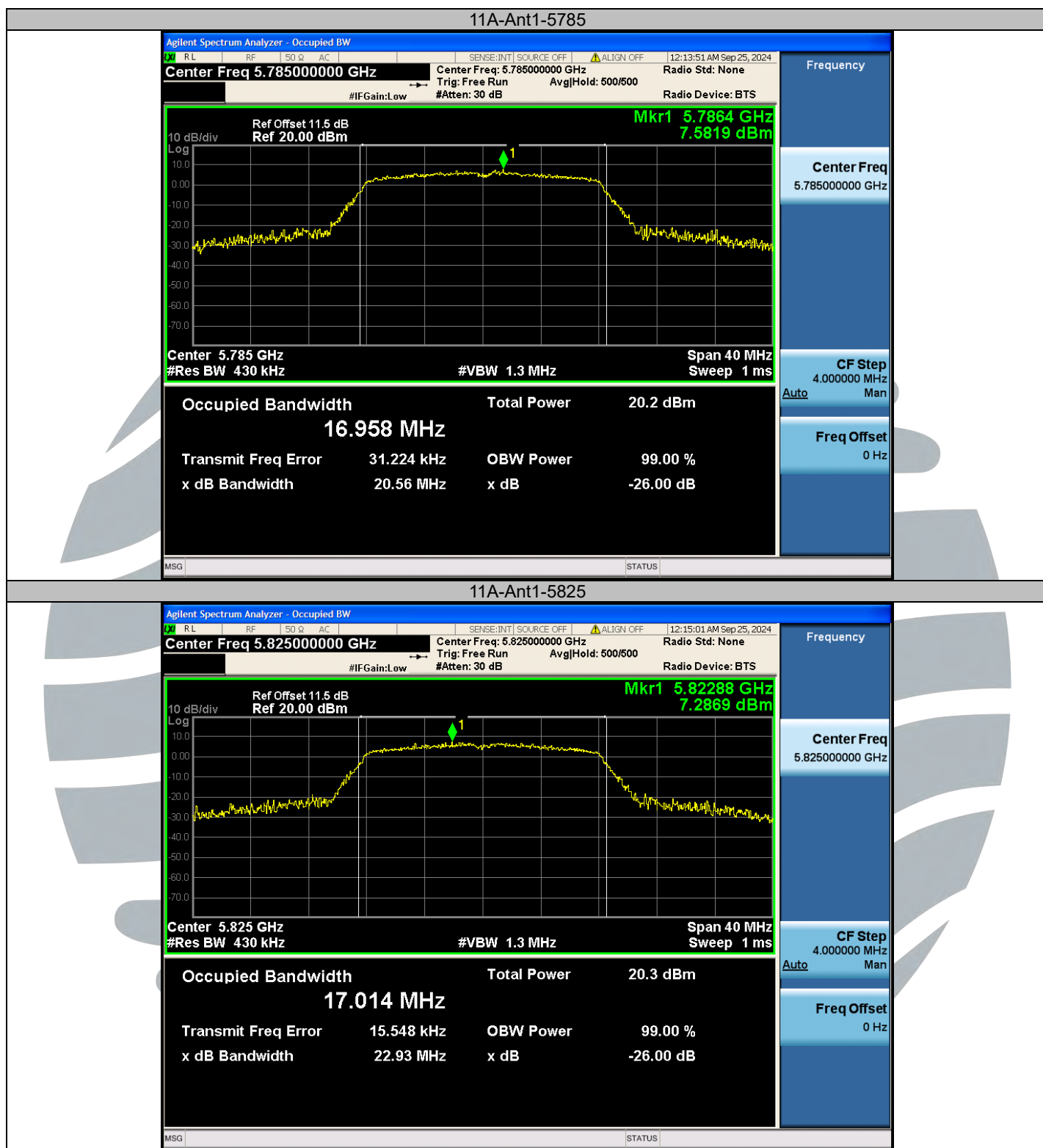
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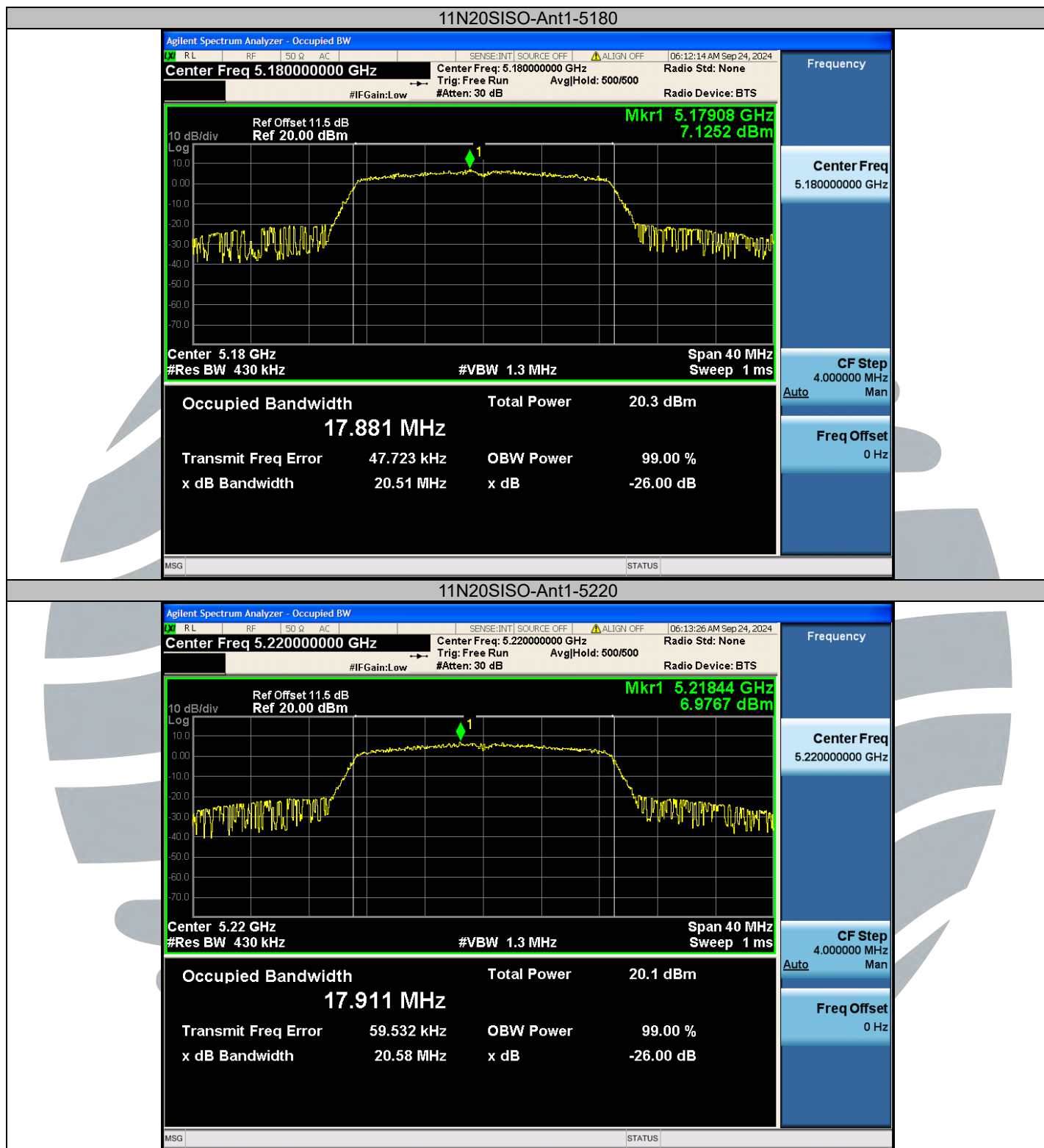
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11A-Ant1-5825



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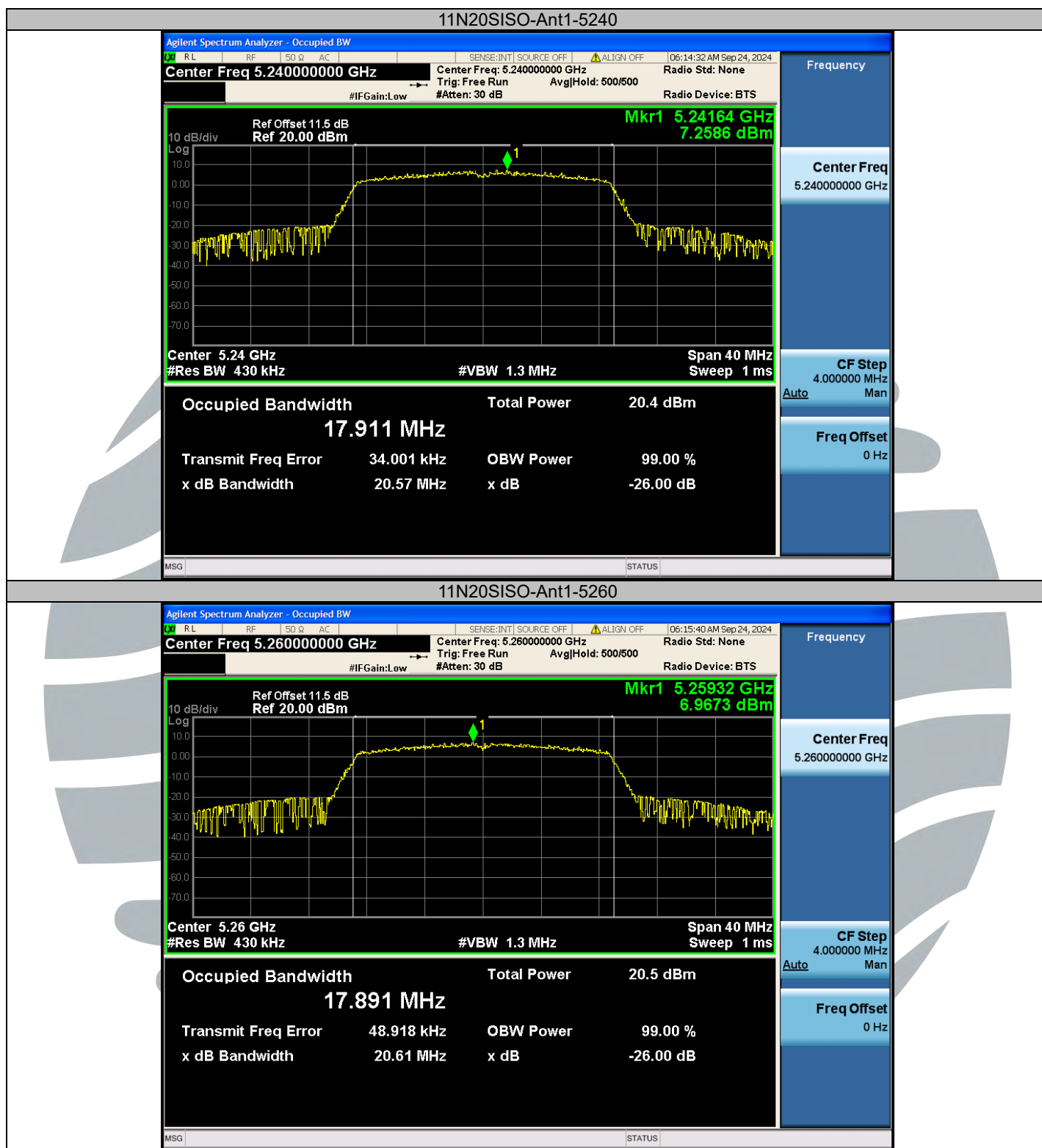
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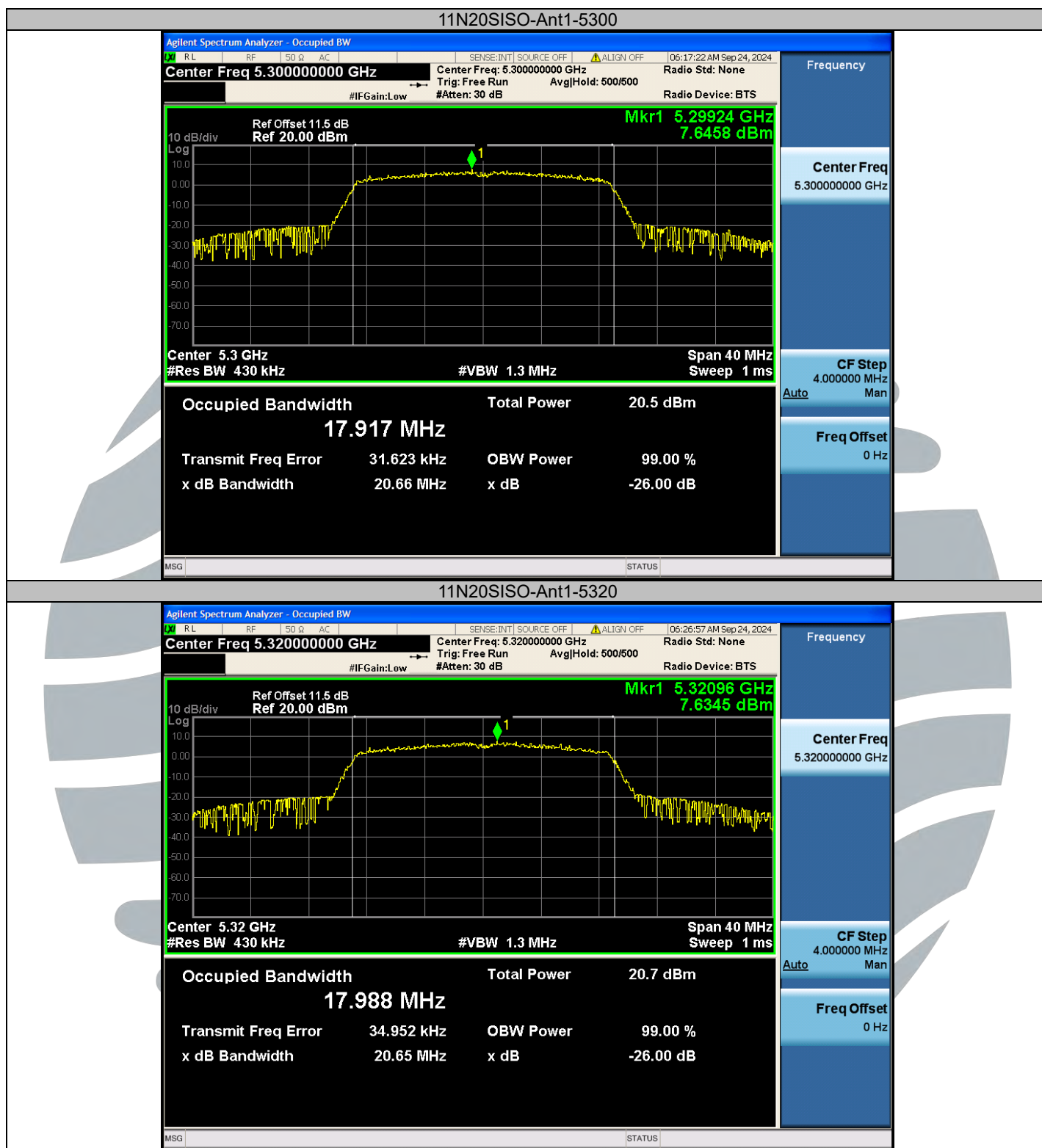
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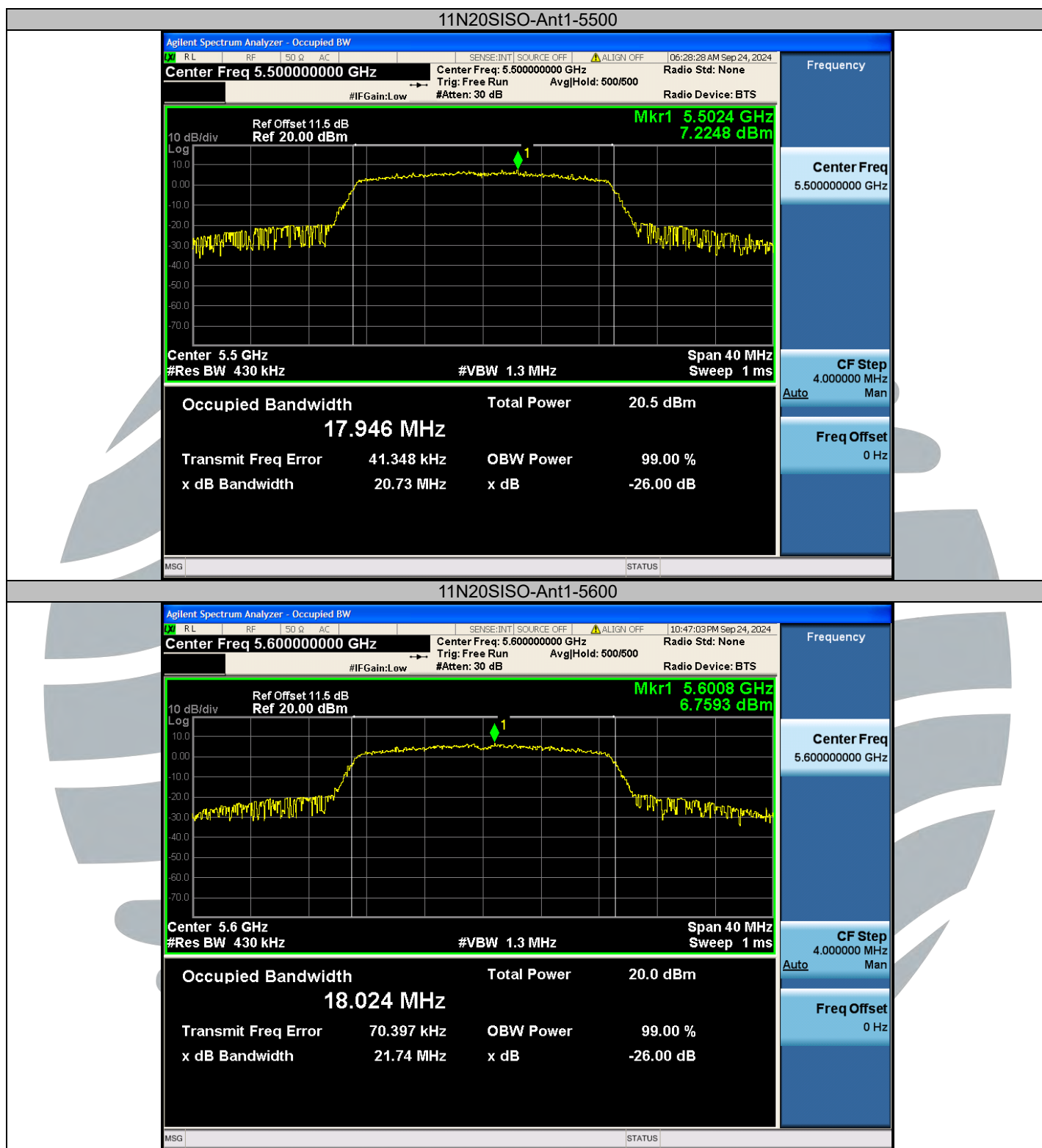
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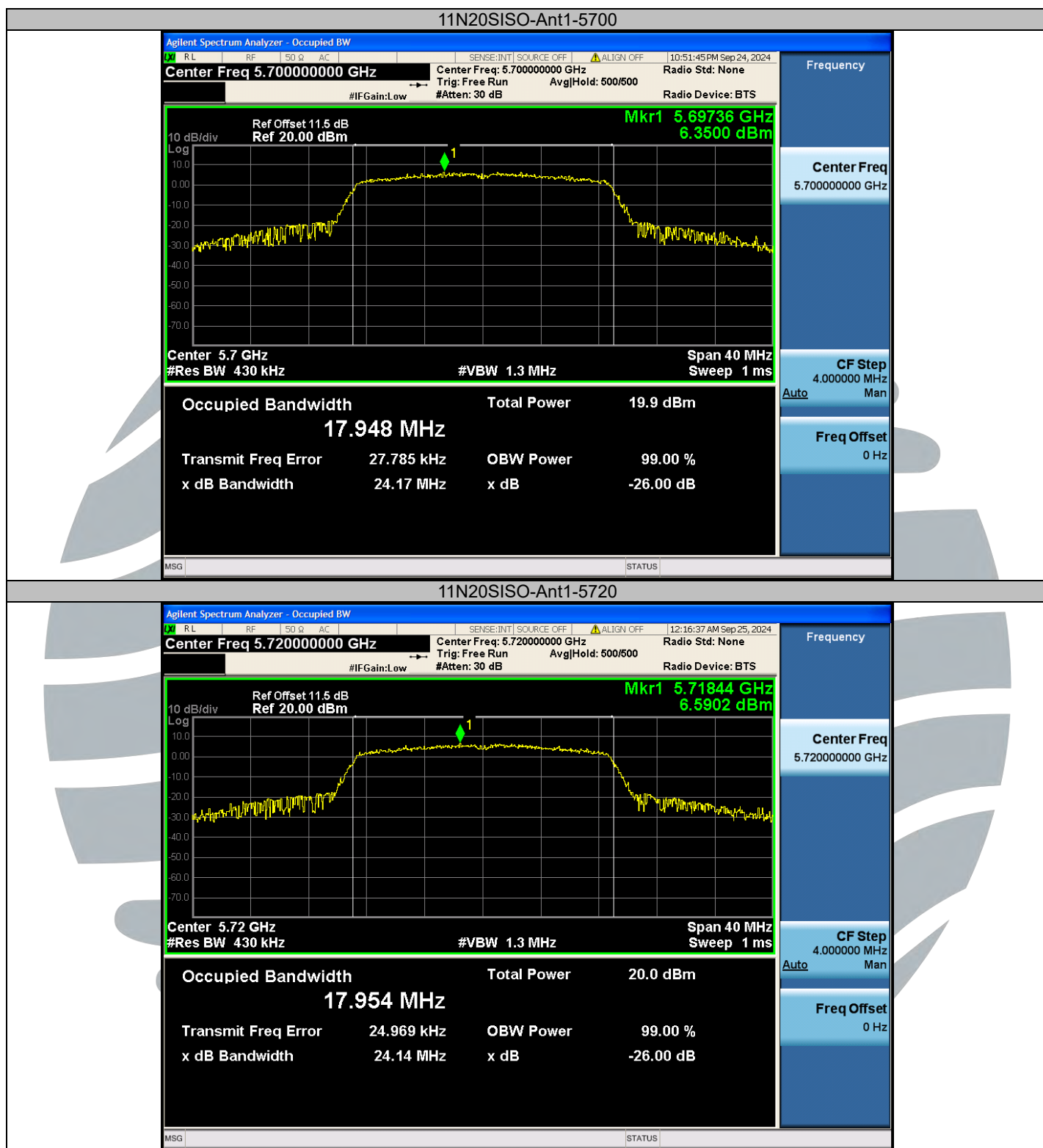
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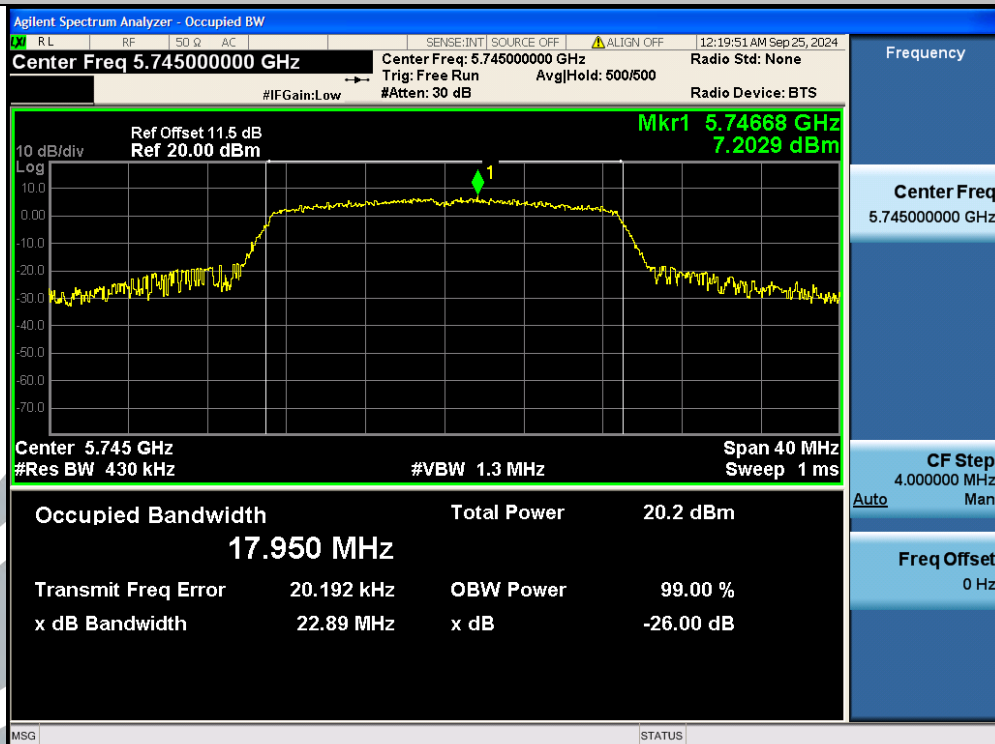
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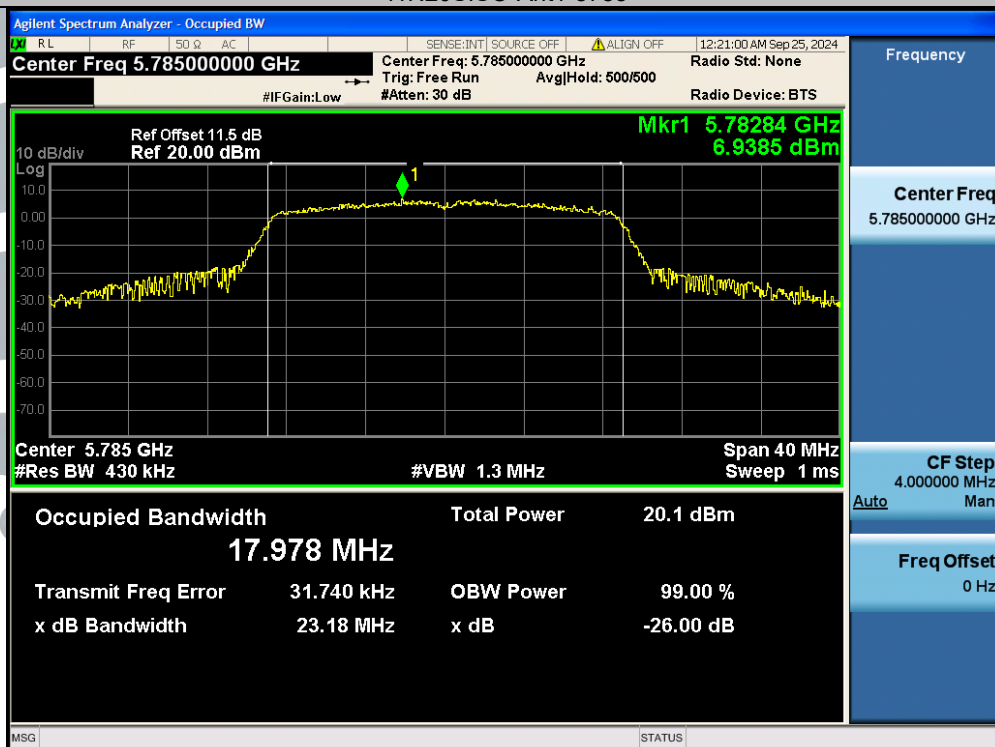
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11N20SISO-Ant1-5745



11N20SISO-Ant1-5785

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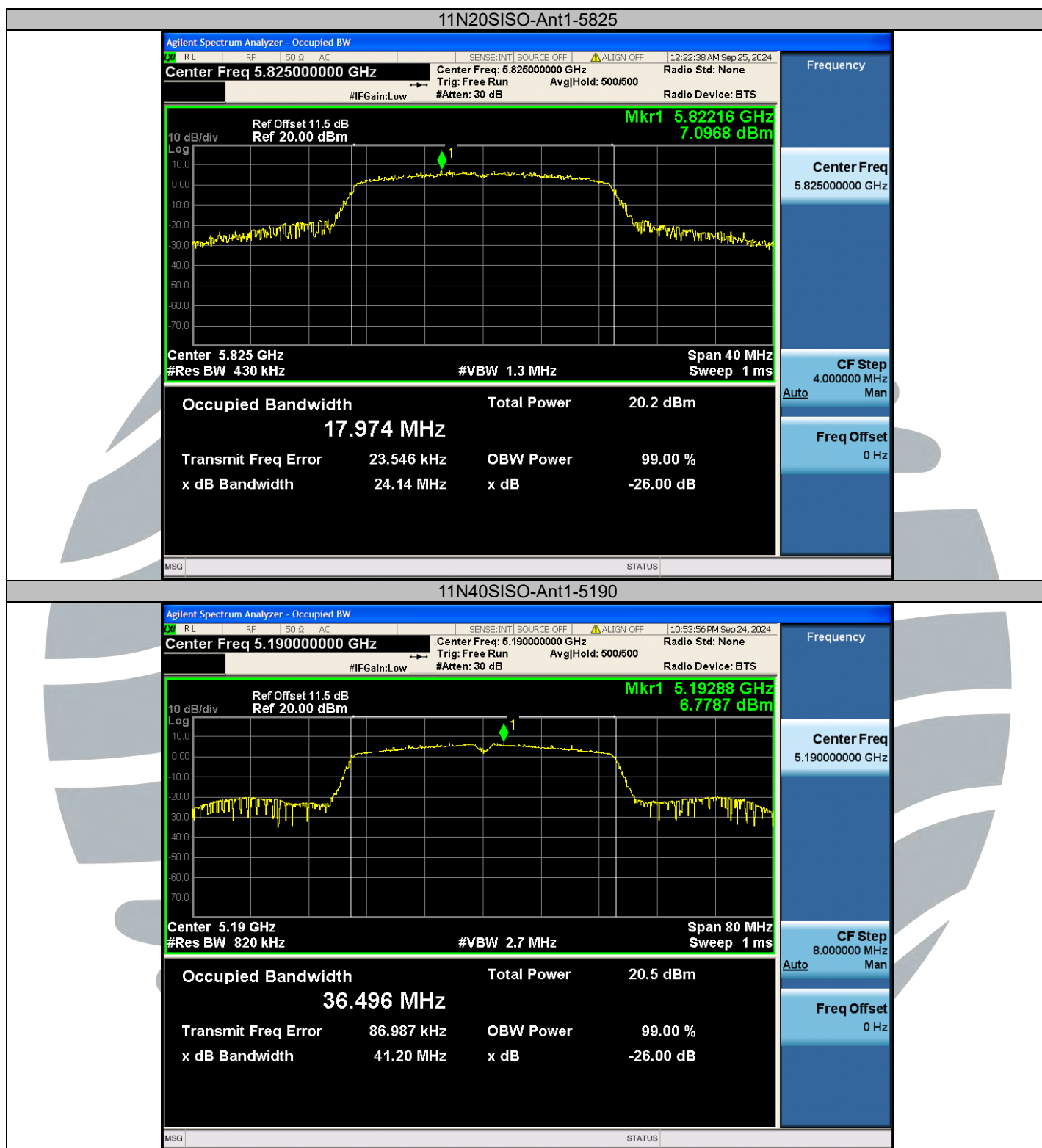
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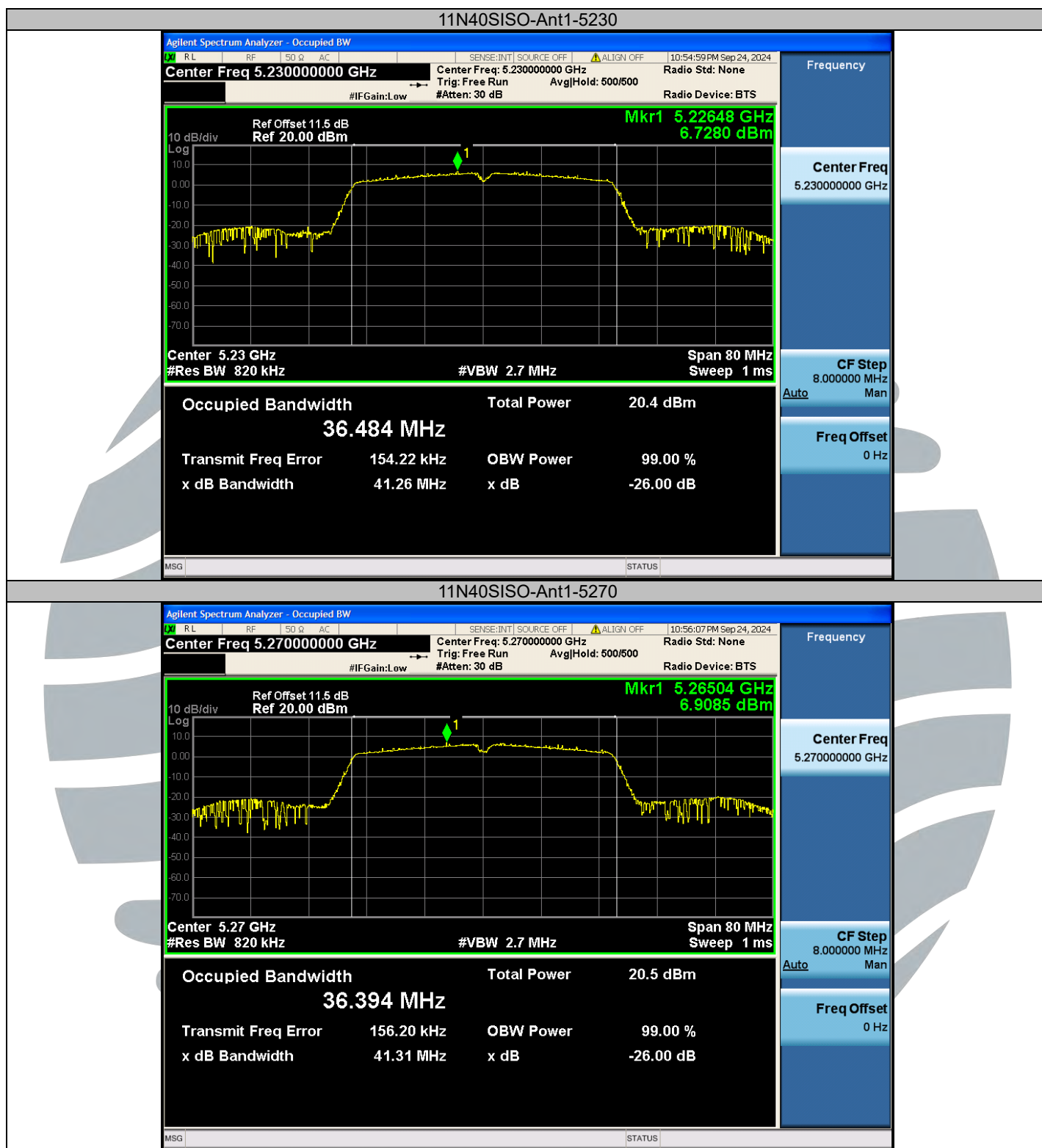
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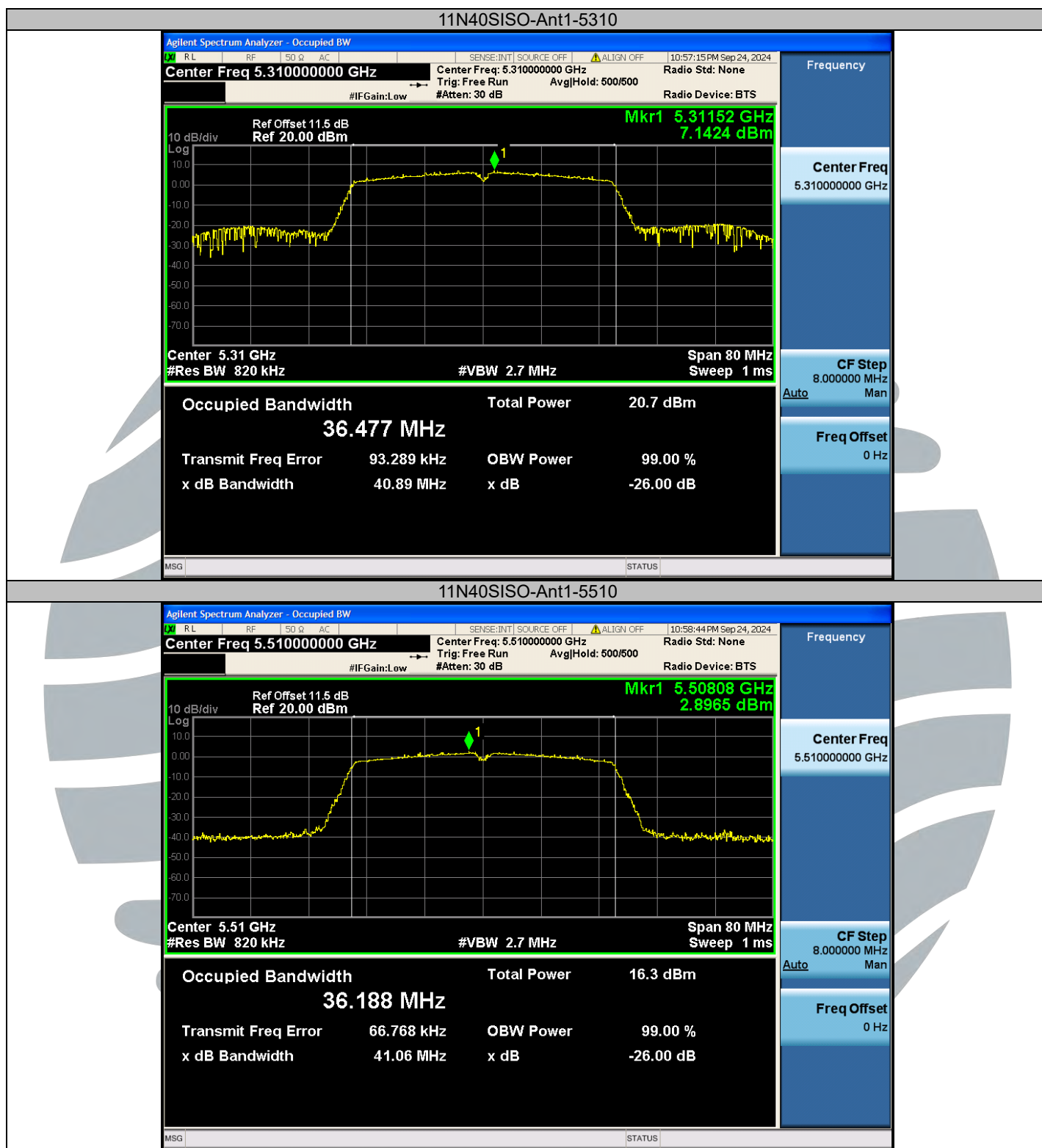
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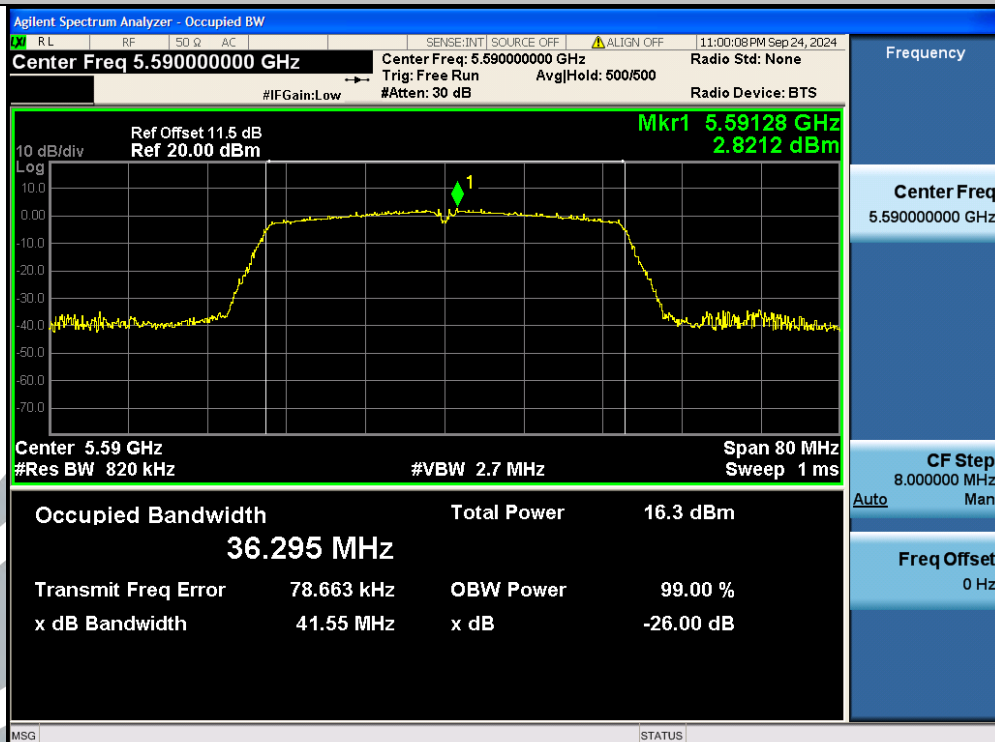
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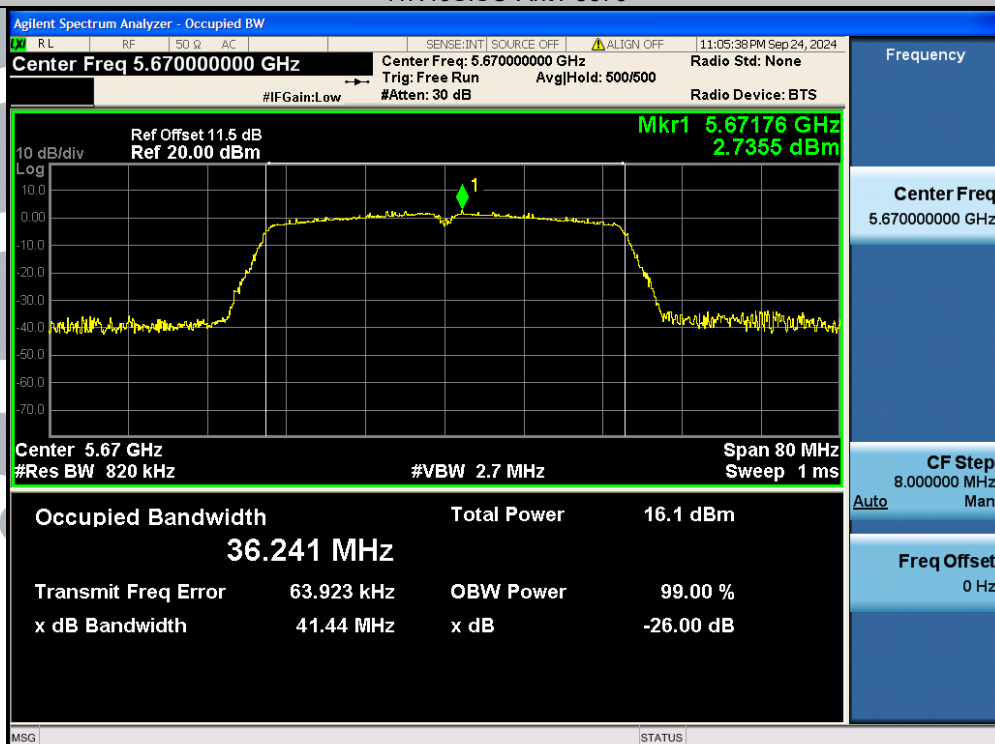
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11N40SISO-Ant1-5590



11N40SISO-Ant1-5670



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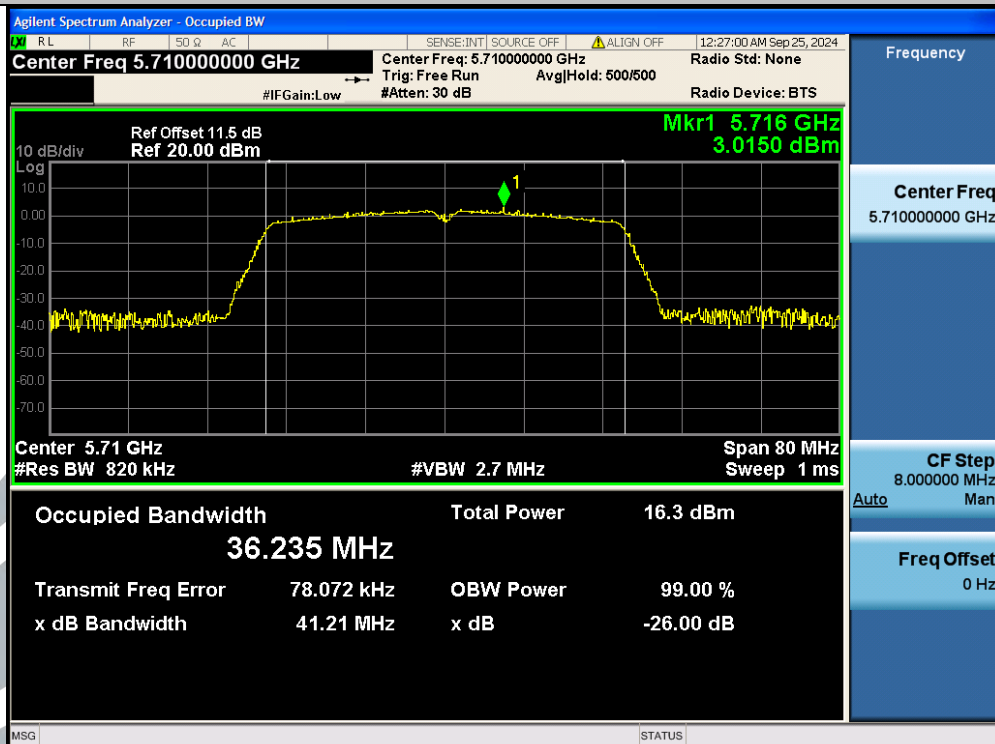
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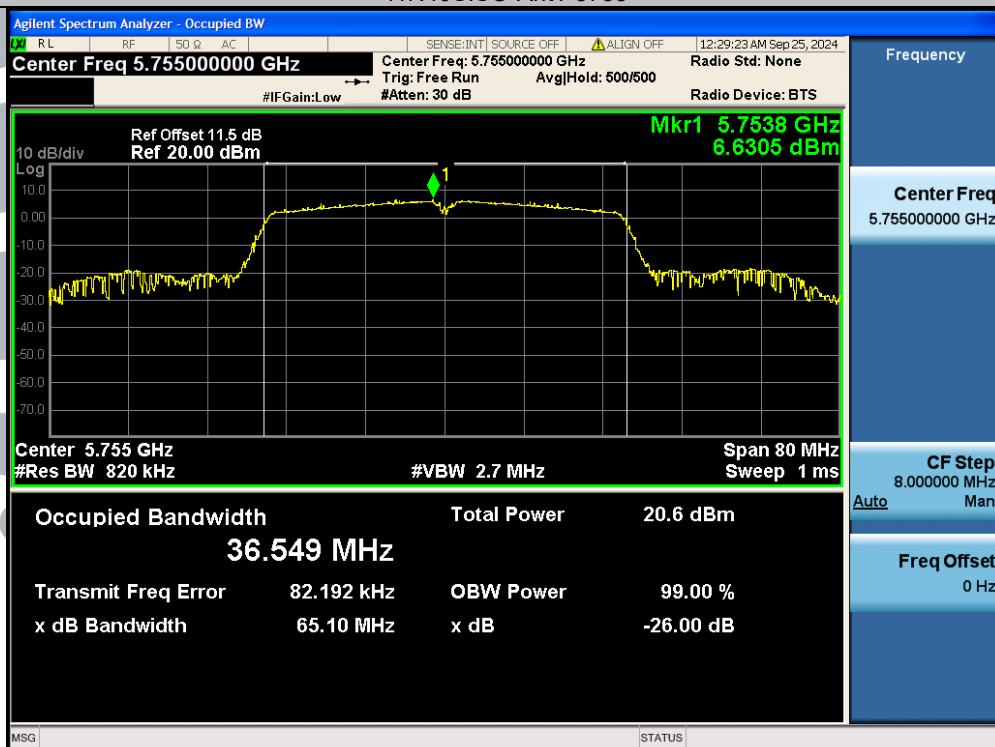
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11N40SISO-Ant1-5710



11N40SISO-Ant1-5755



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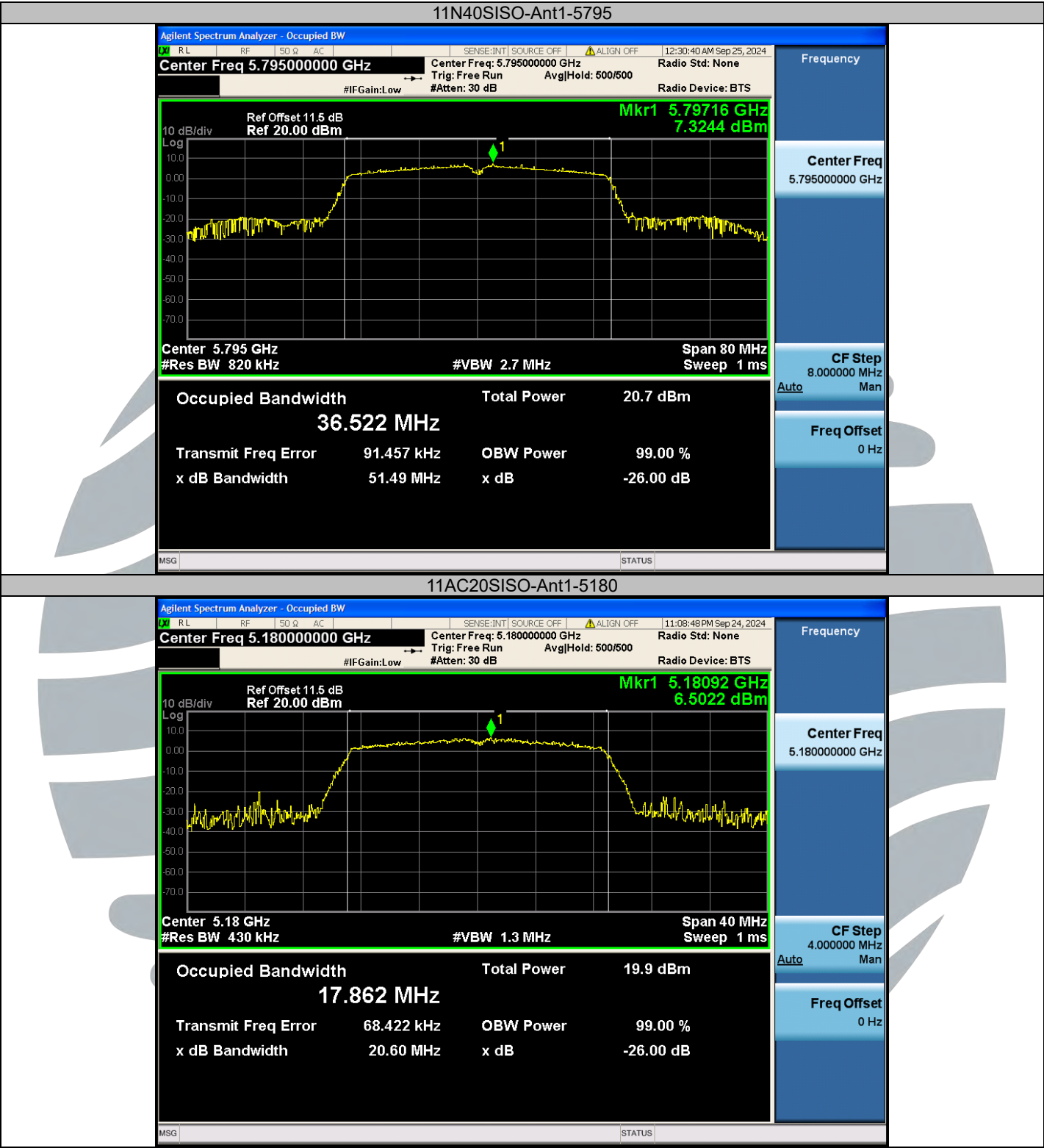
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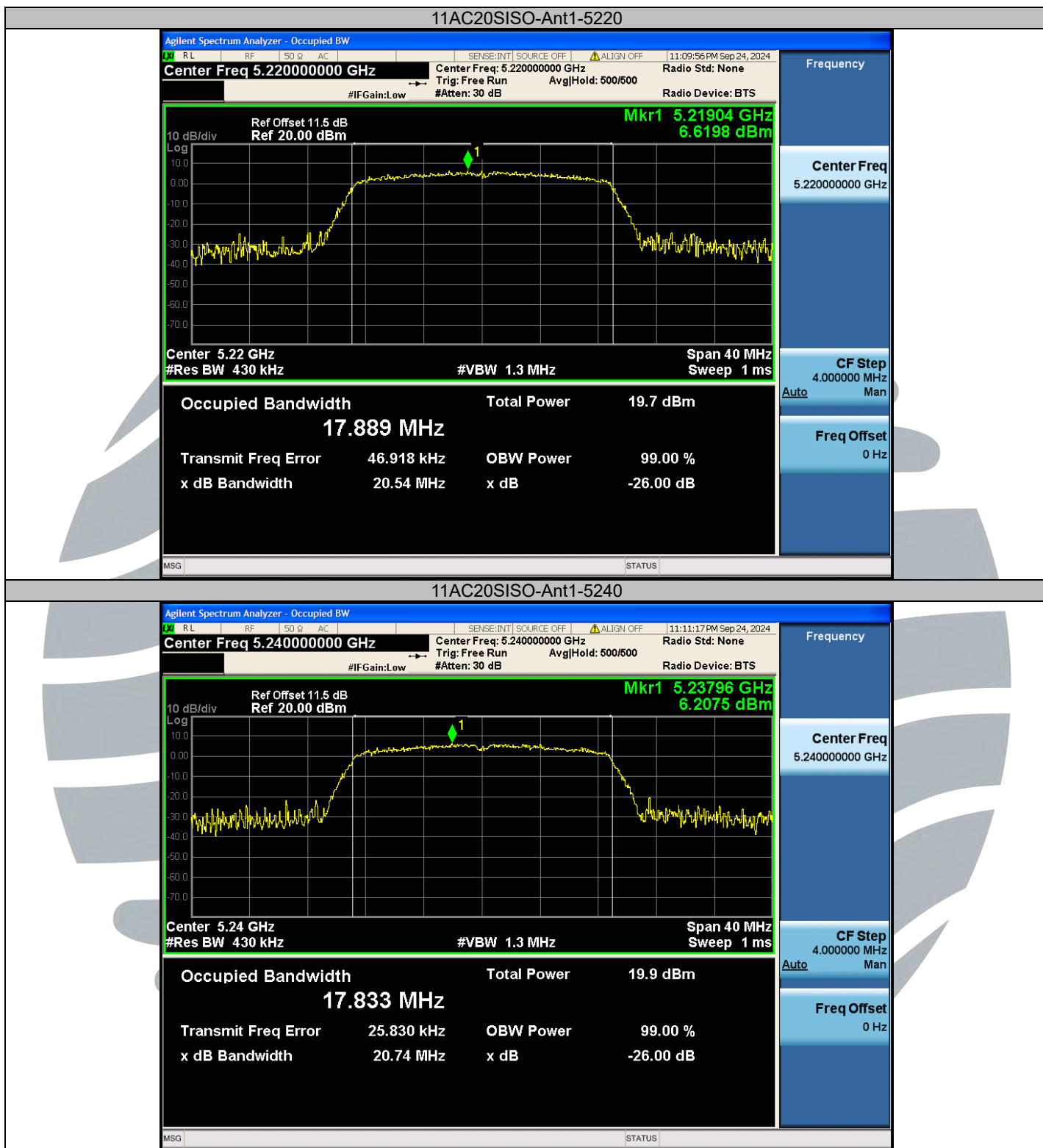
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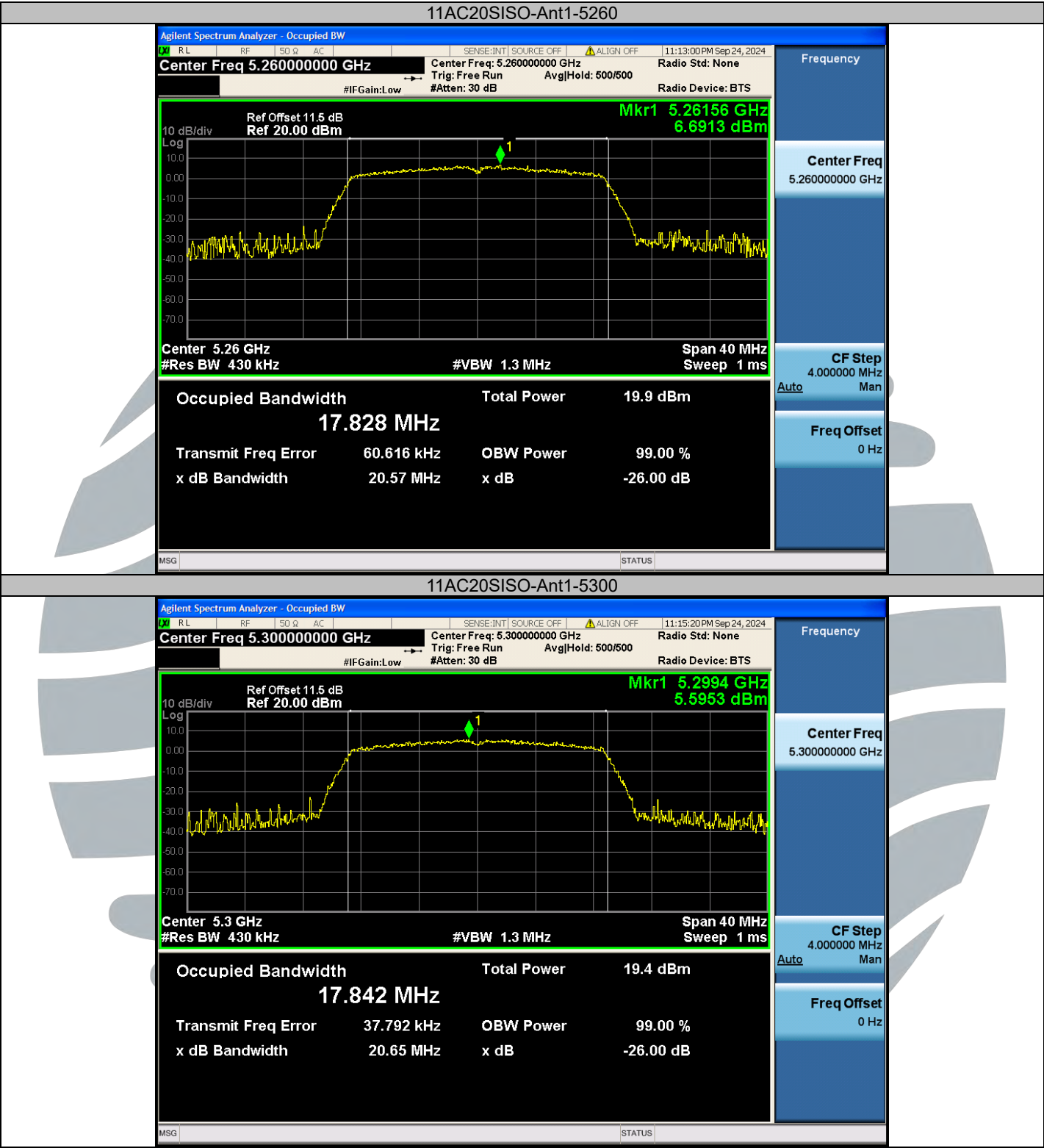
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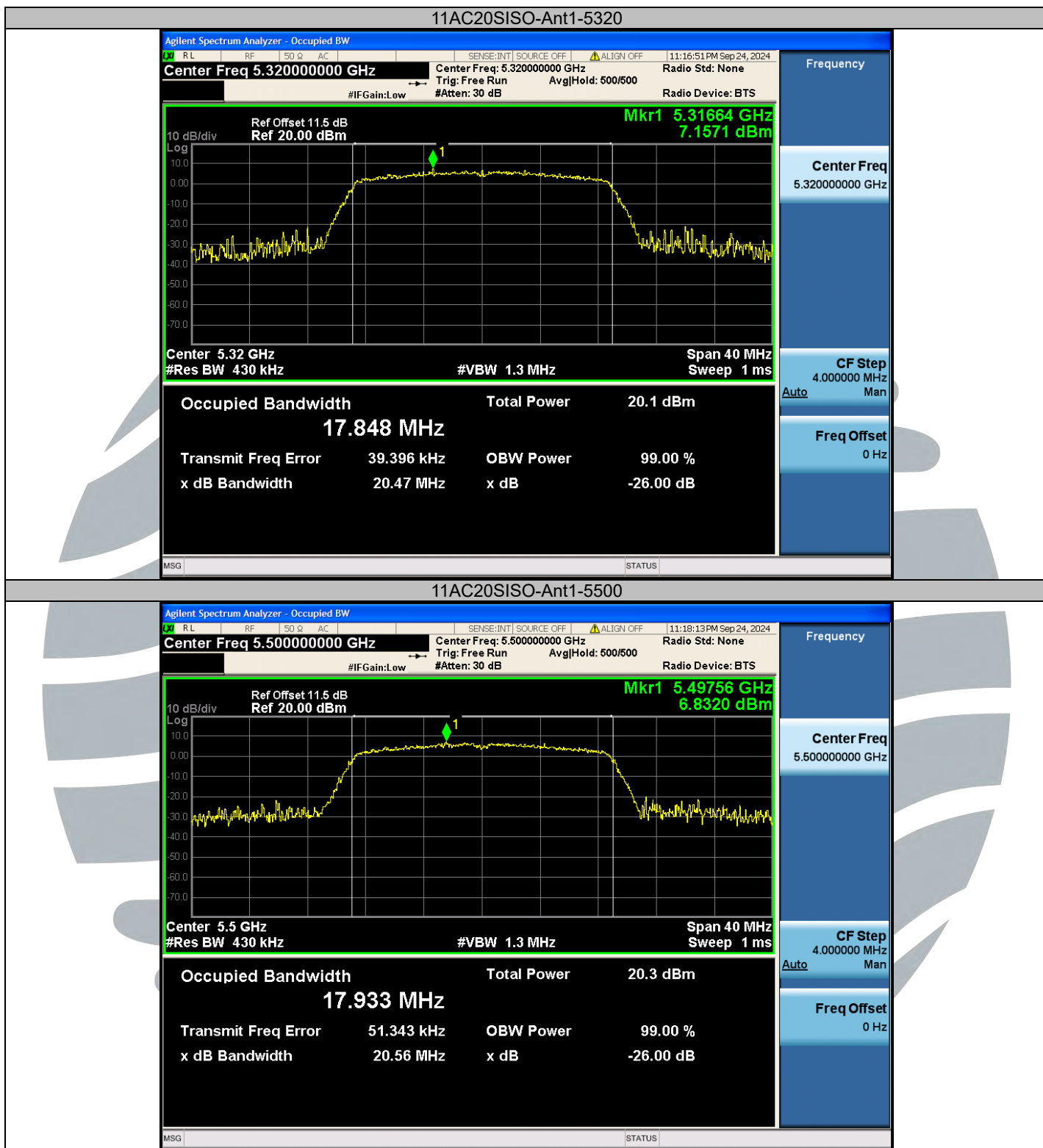
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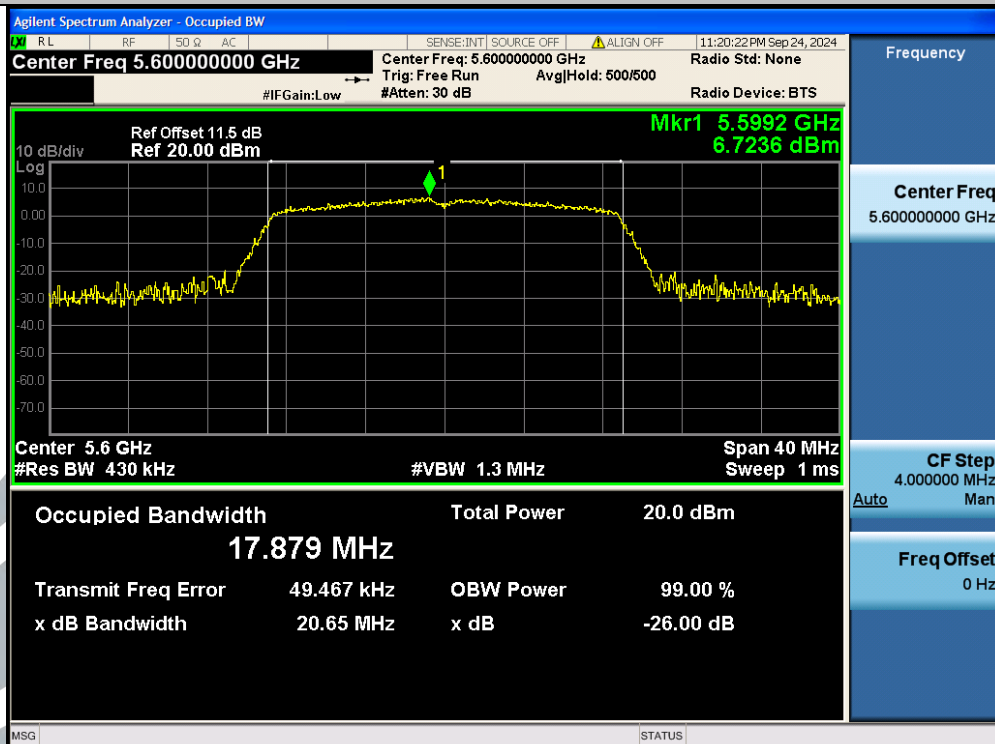
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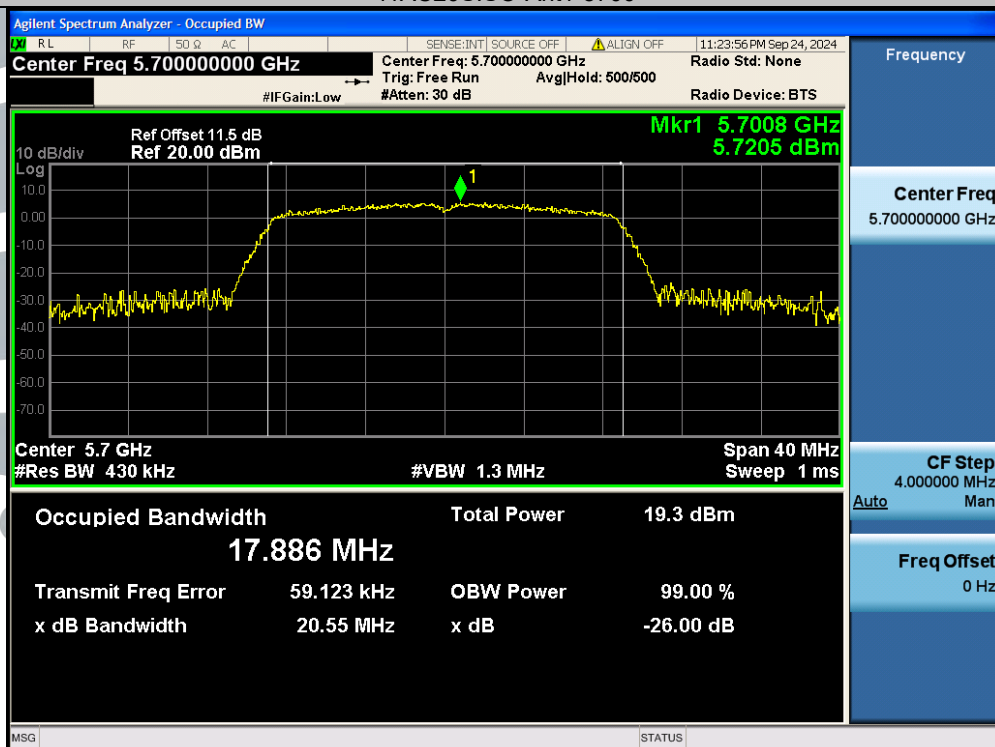
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11AC20SISO-Ant1-5600



11AC20SISO-Ant1-5700

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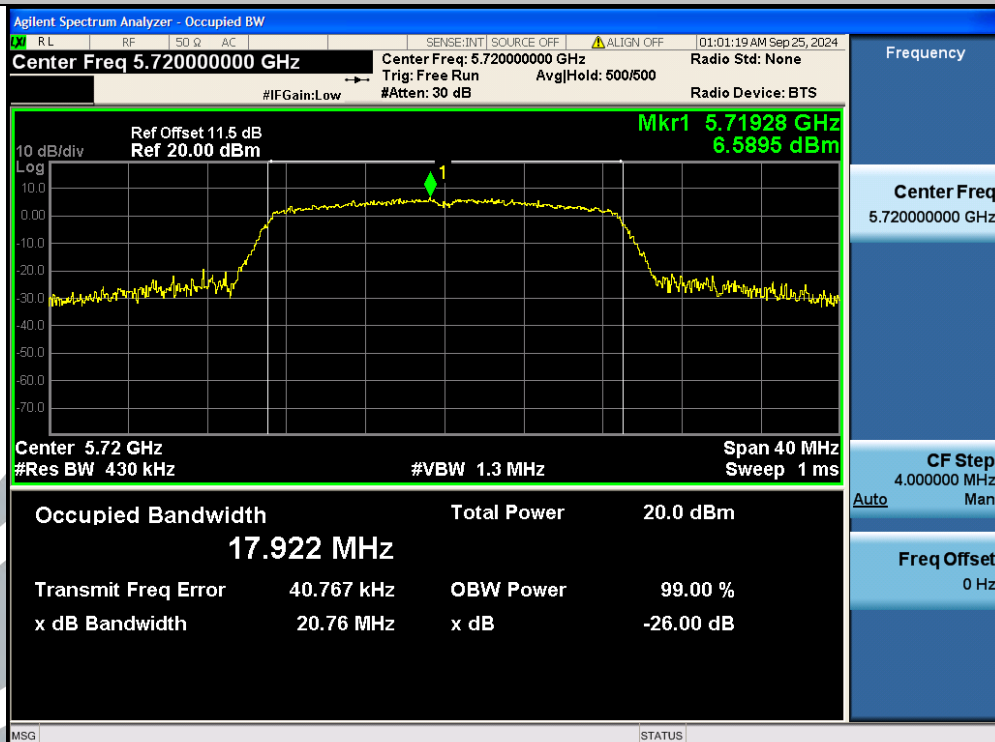
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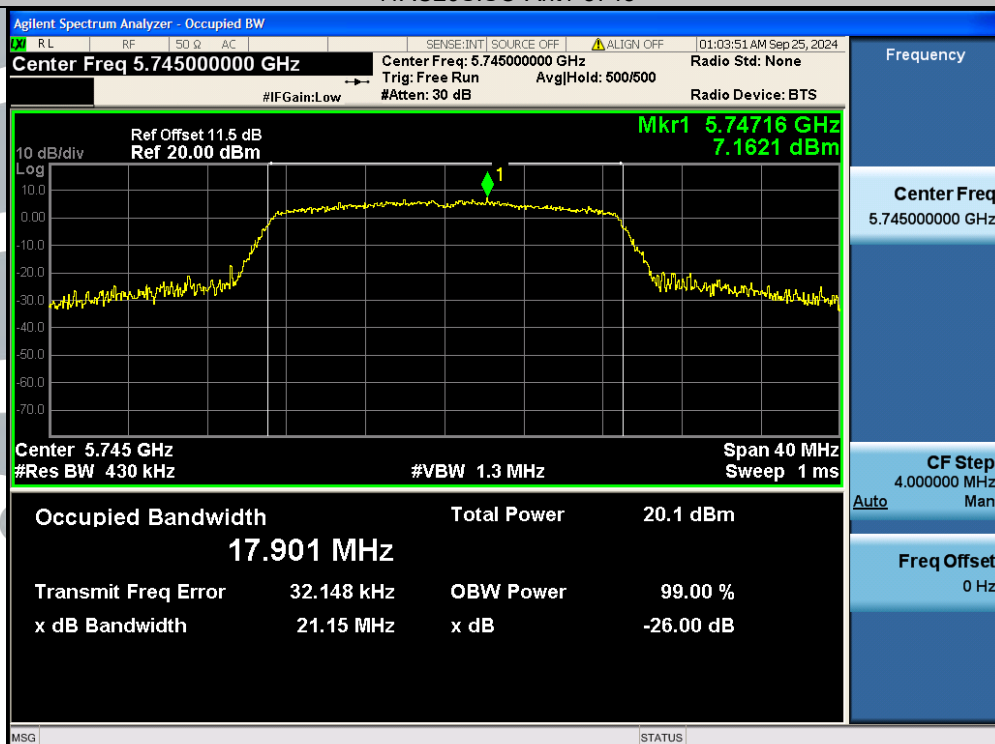
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11AC20SISO-Ant1-5720



11AC20SISO-Ant1-5745



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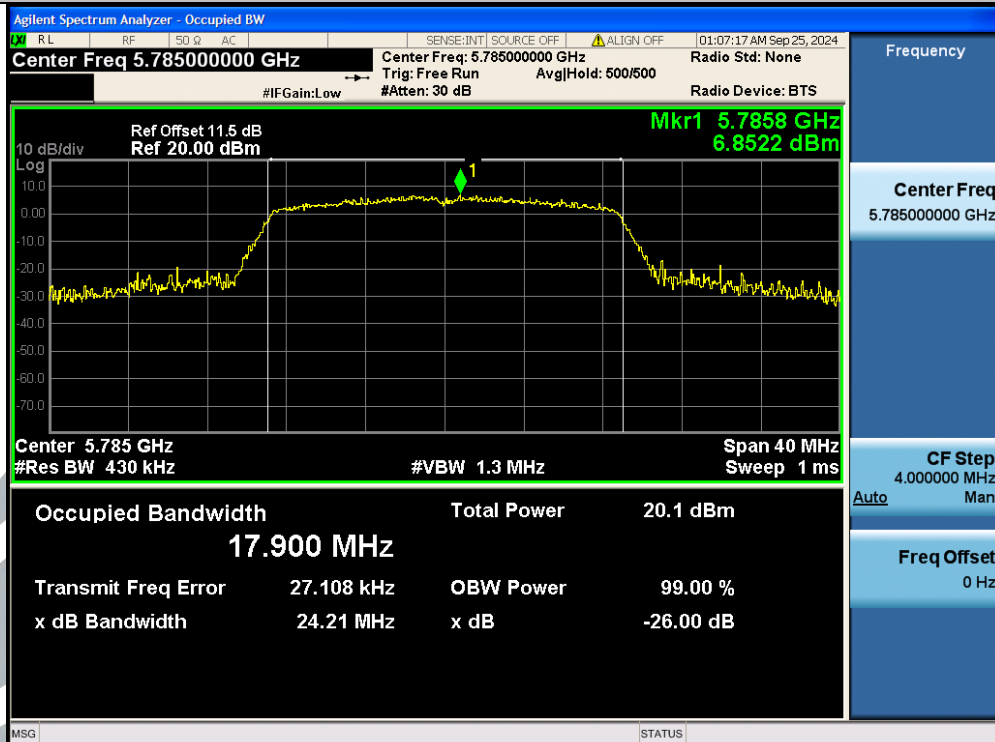
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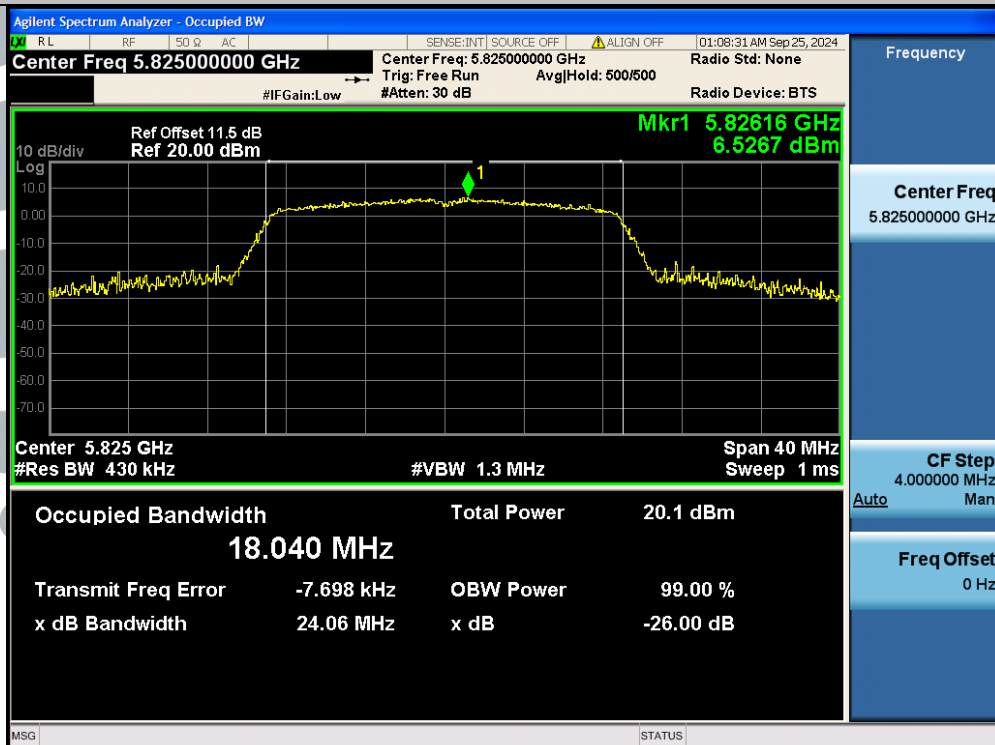
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11AC20SISO-Ant1-5785



11AC20SISO-Ant1-5825

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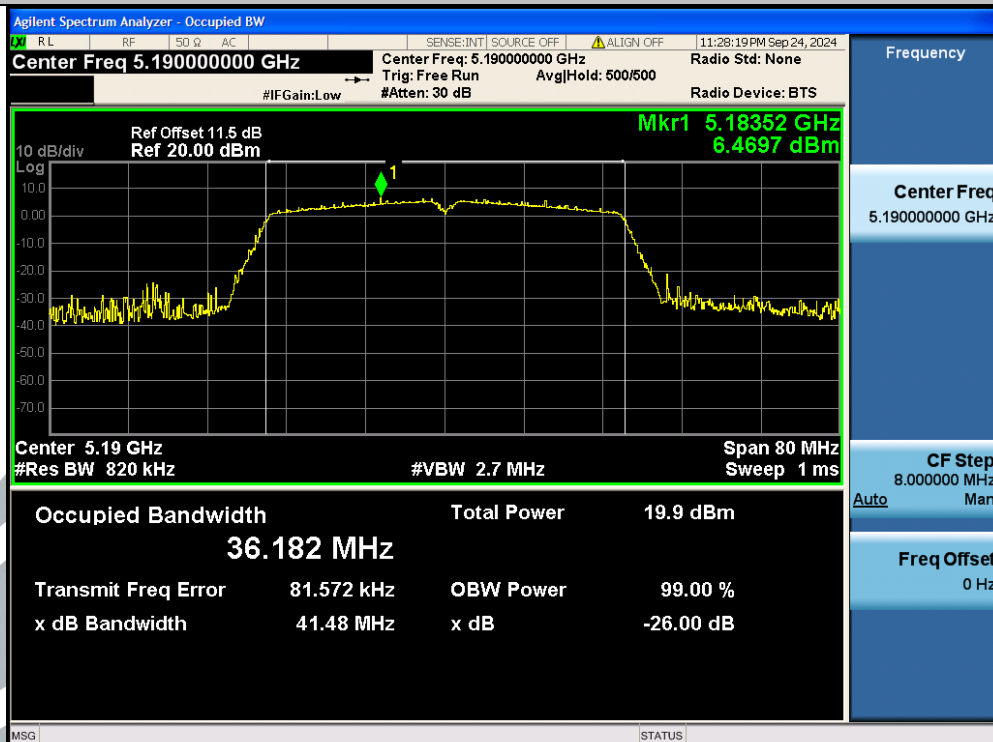
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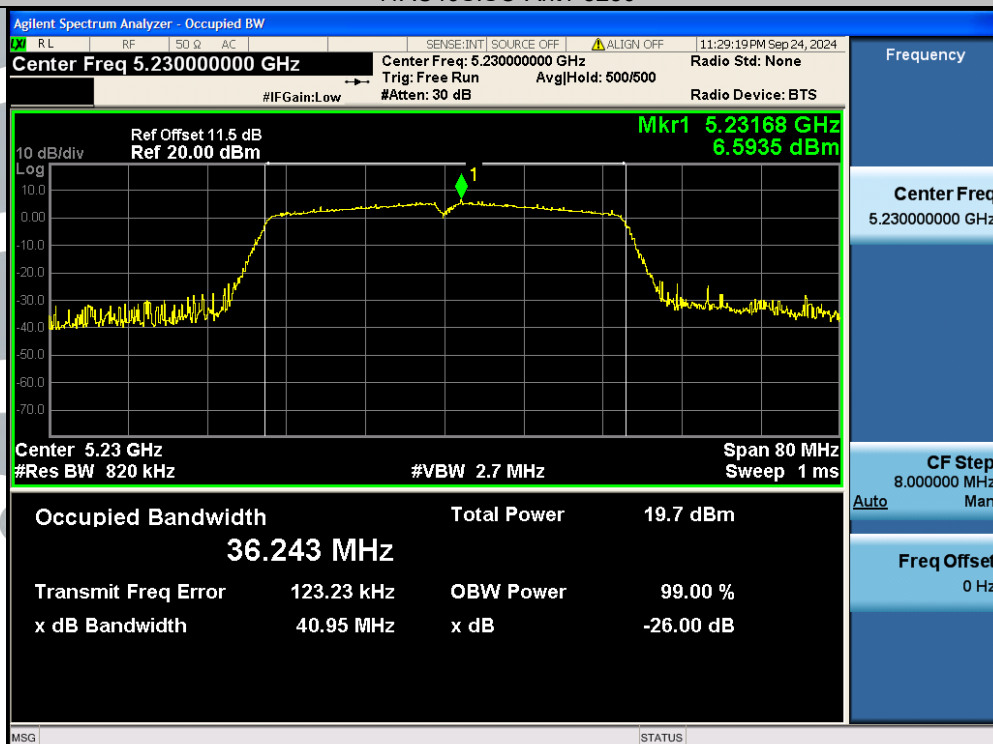
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11AC40SISO-Ant1-5190



11AC40SISO-Ant1-5230

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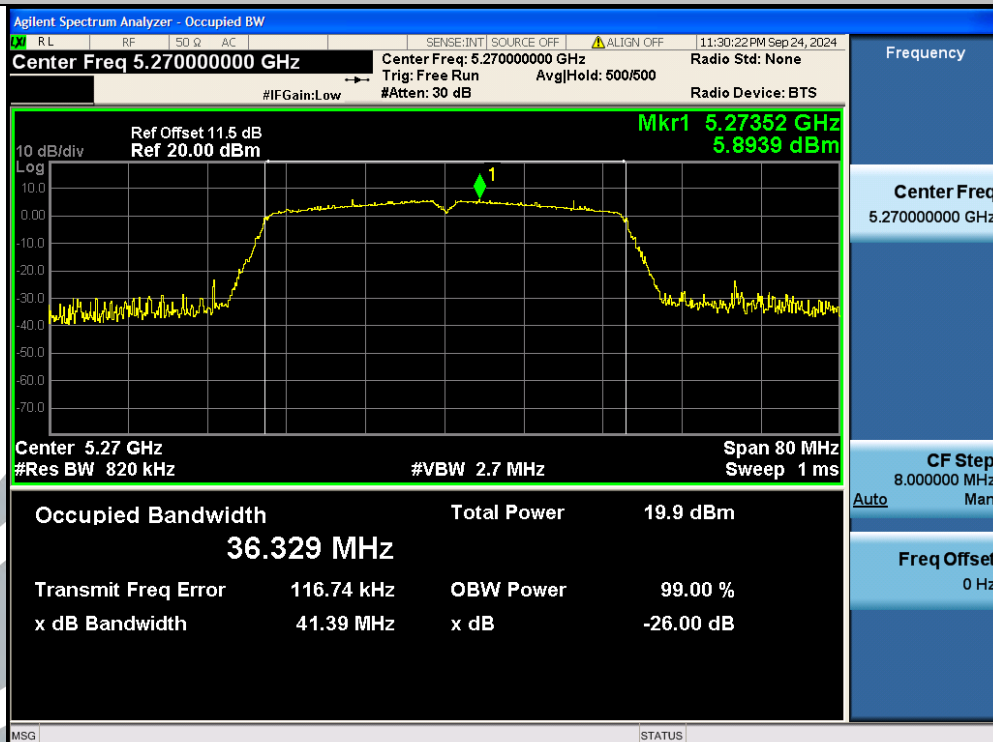
Fax: +86-755-28230886

E-mail: info@uttlab.com

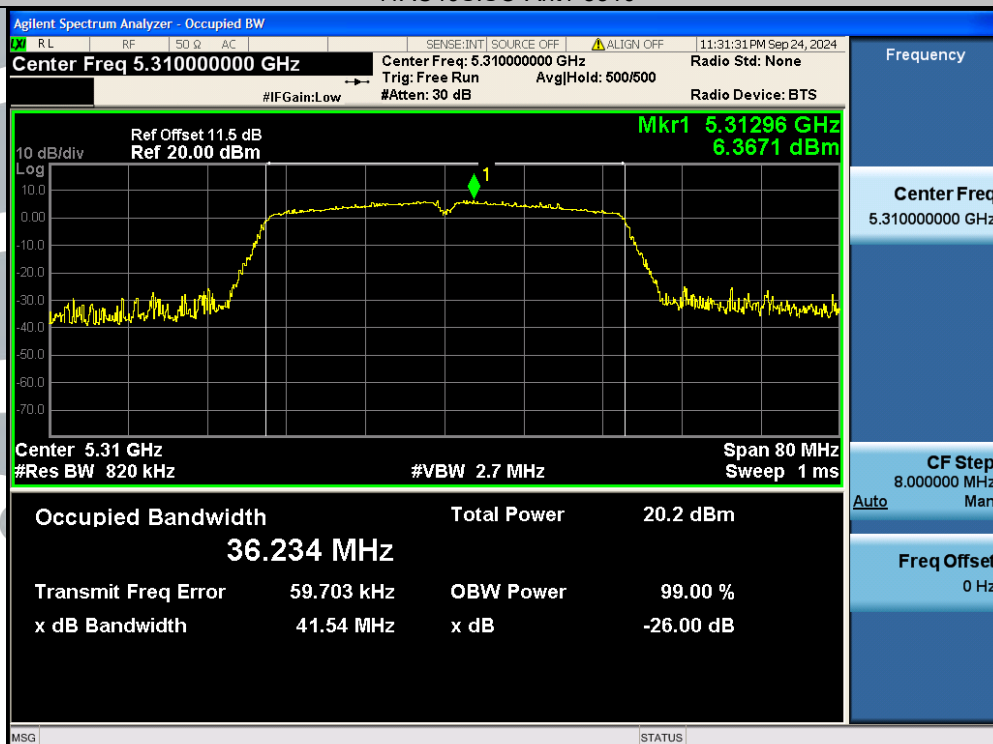
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11AC40SISO-Ant1-5270



11AC40SISO-Ant1-5310



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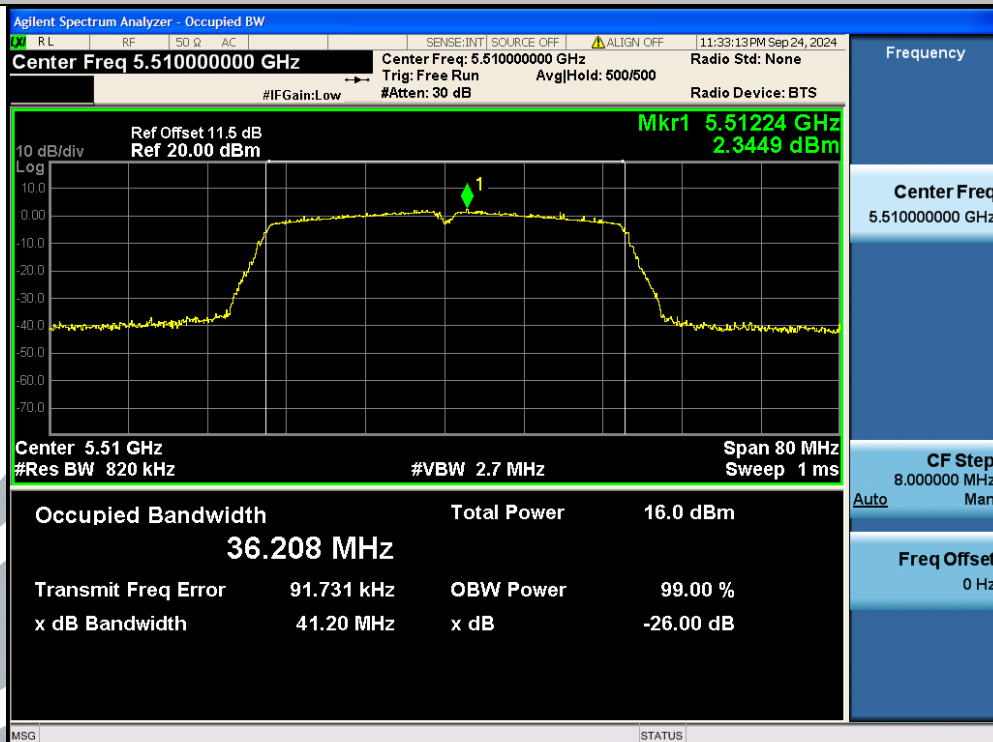
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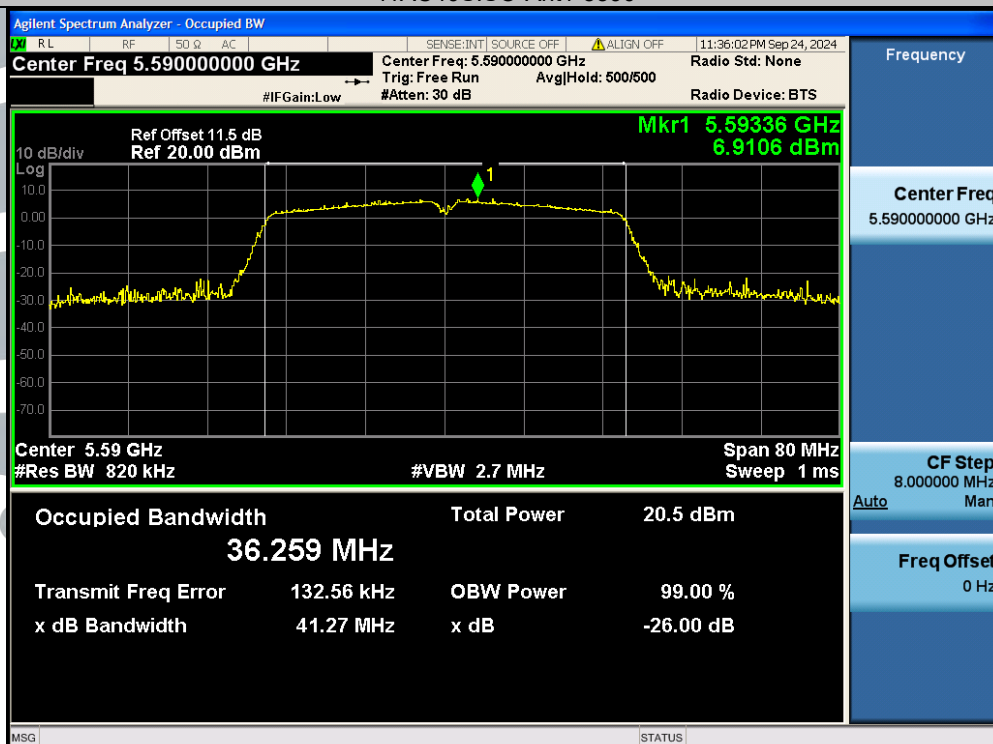
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11AC40SISO-Ant1-5510



11AC40SISO-Ant1-5590



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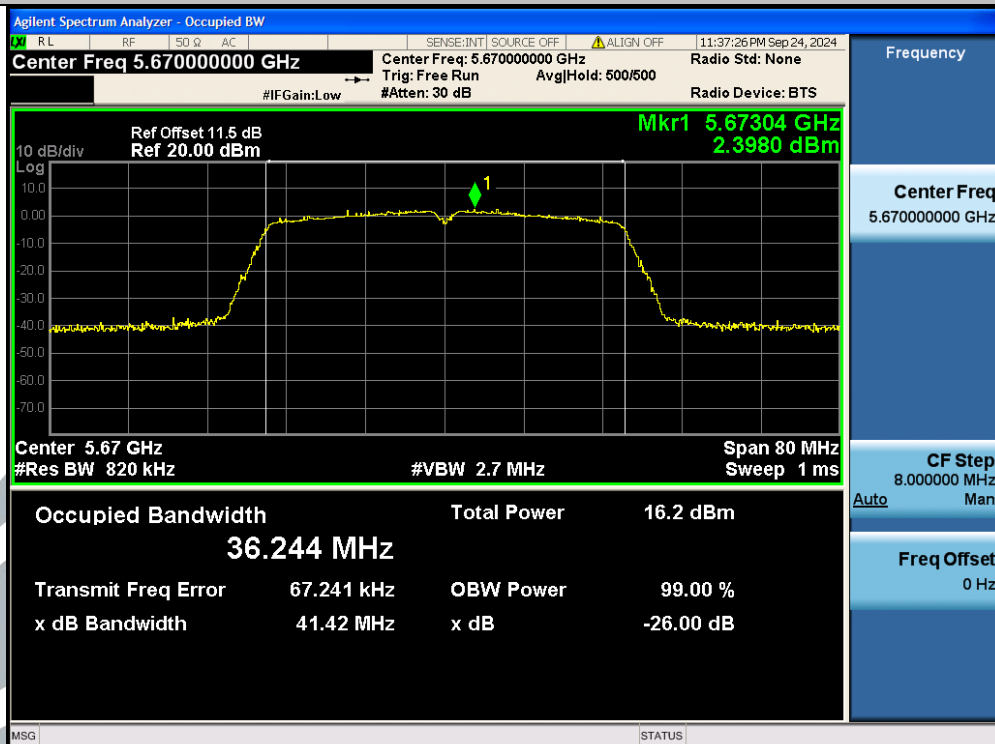
Fax: +86-755-28230886

E-mail: info@uttlab.com

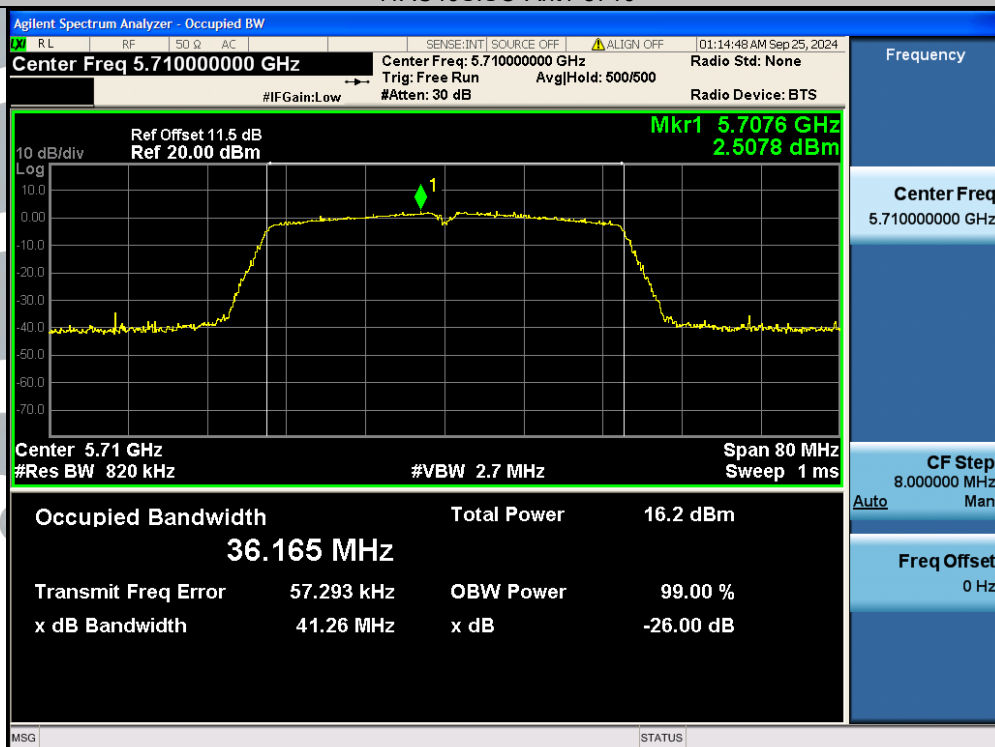
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11AC40SISO-Ant1-5670



11AC40SISO-Ant1-5710



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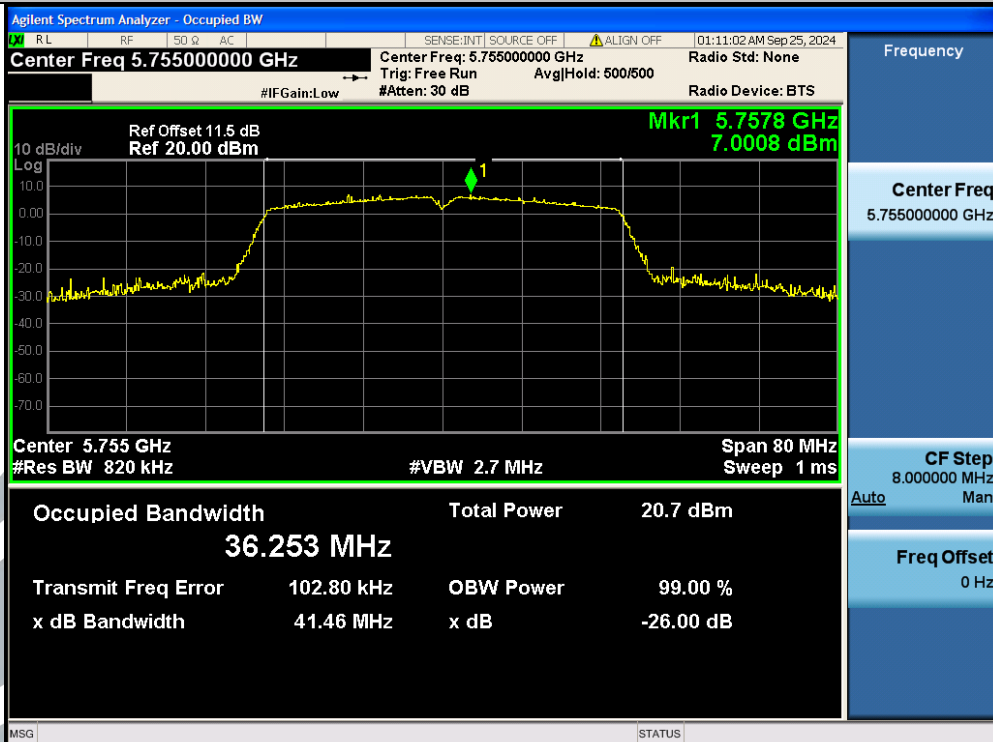
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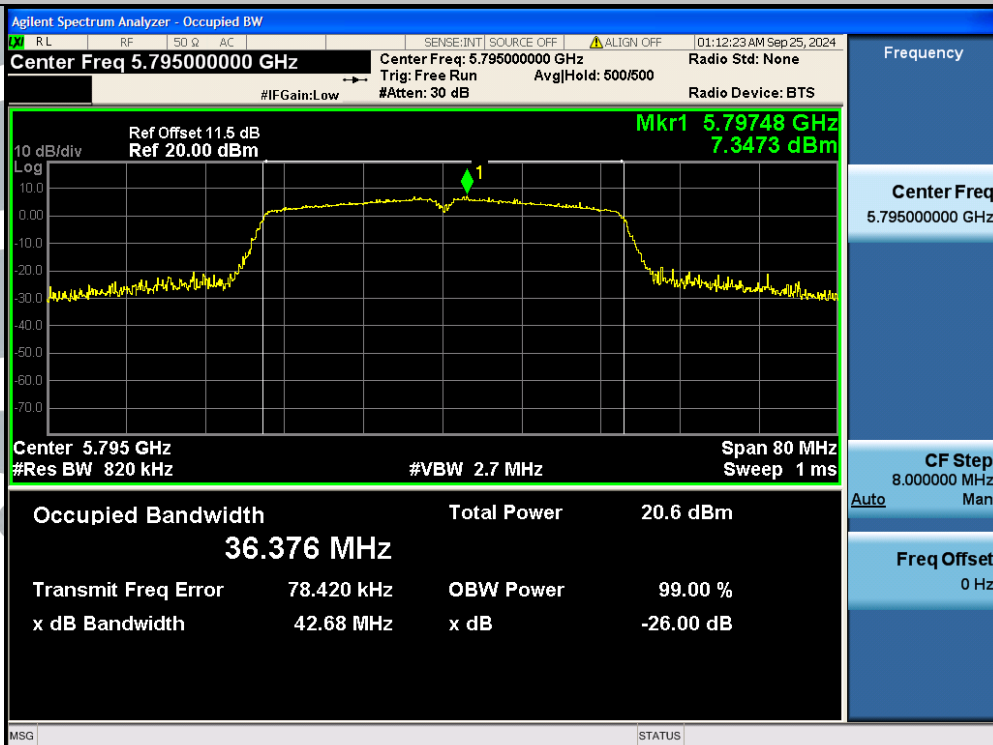
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11AC40SISO-Ant1-5755



11AC40SISO-Ant1-5795

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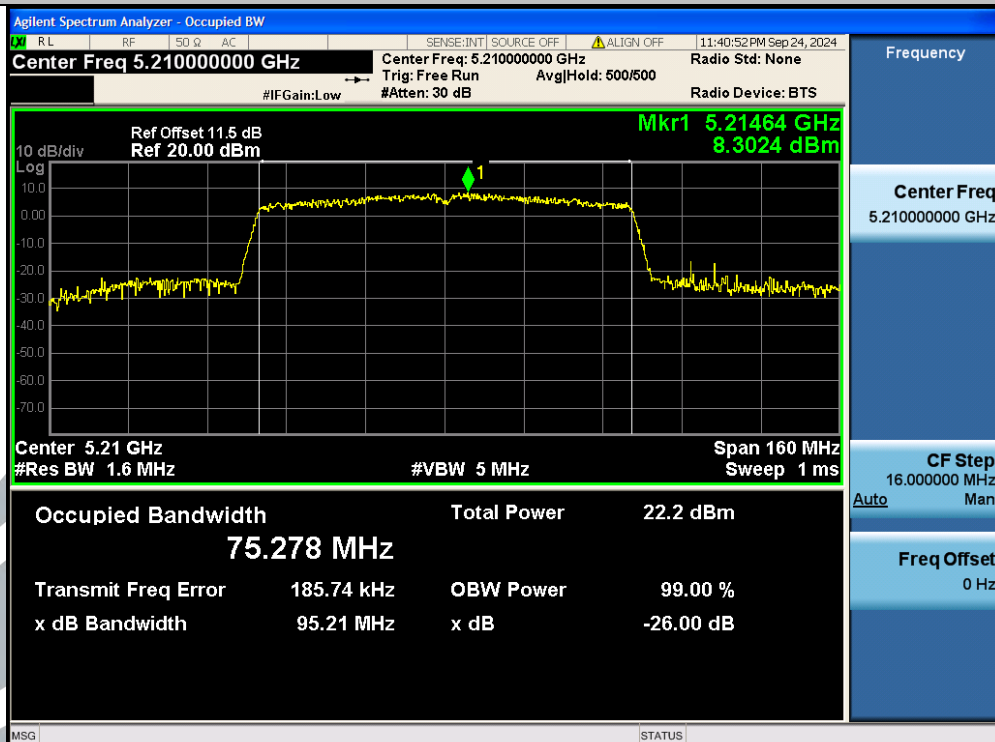
Tel: +86-755-28230888

Fax: +86-755-28230886

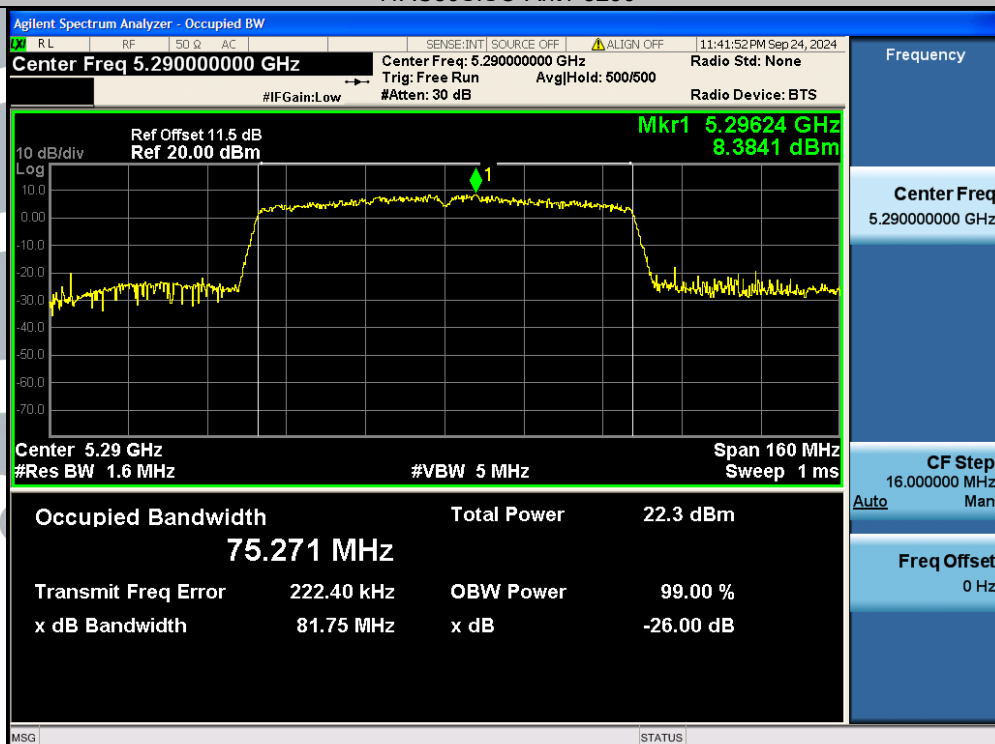
E-mail: info@uttlab.com<http://www.uttlab.com>

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11AC80SISO-Ant1-5210



11AC80SISO-Ant1-5290



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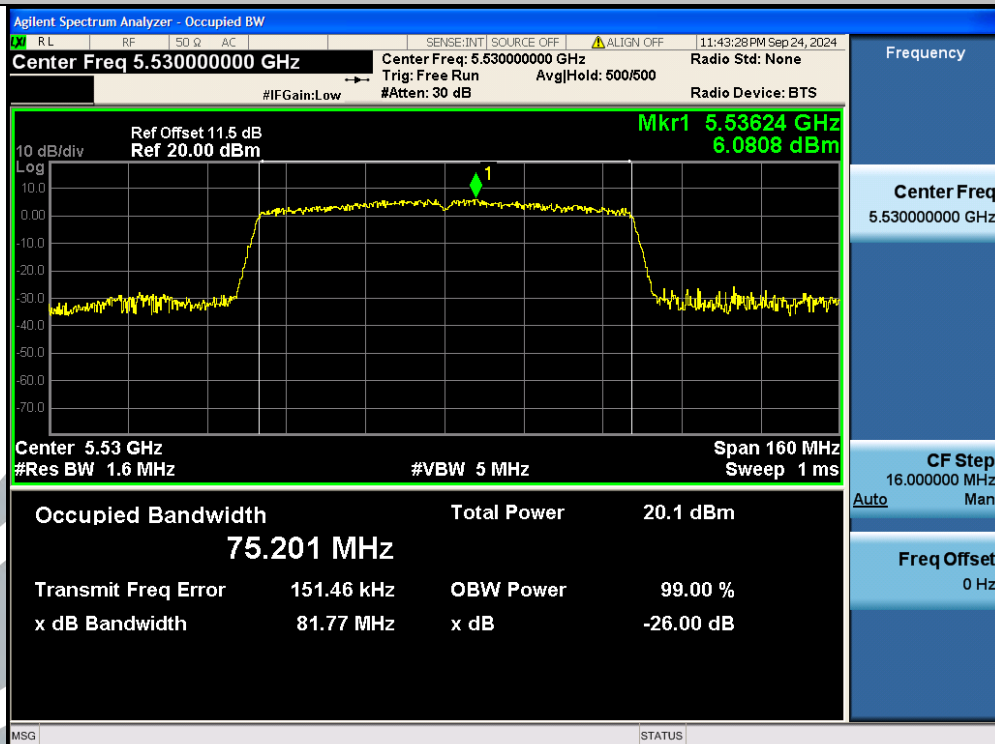
Fax: +86-755-28230886

E-mail: info@uttlab.com

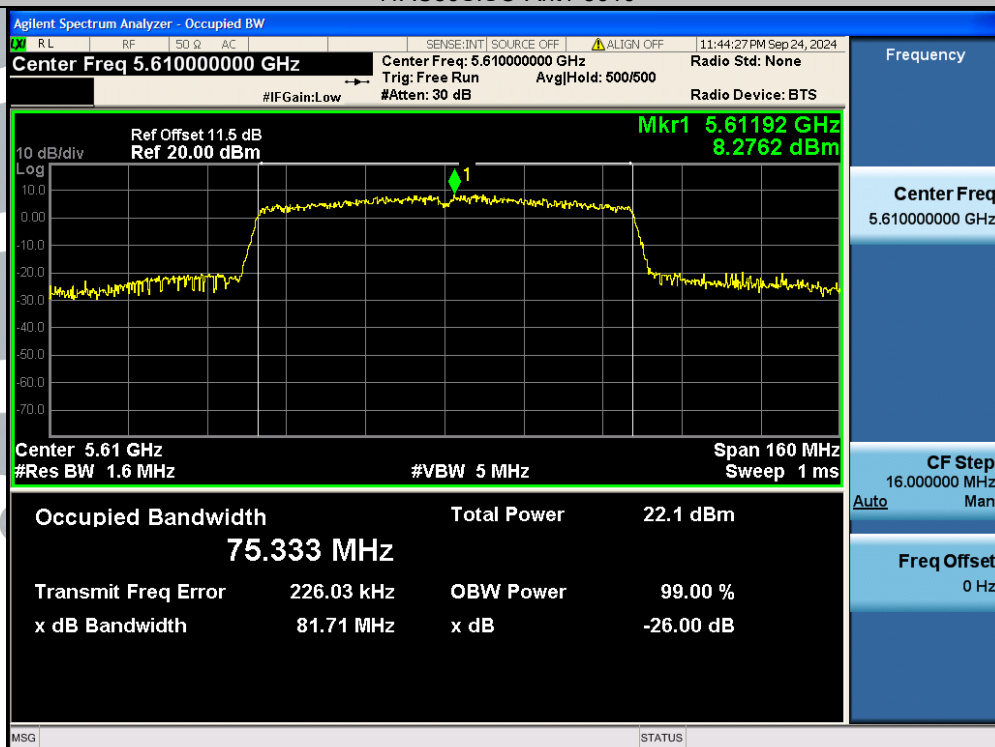
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11AC80SISO-Ant1-5530



11AC80SISO-Ant1-5610

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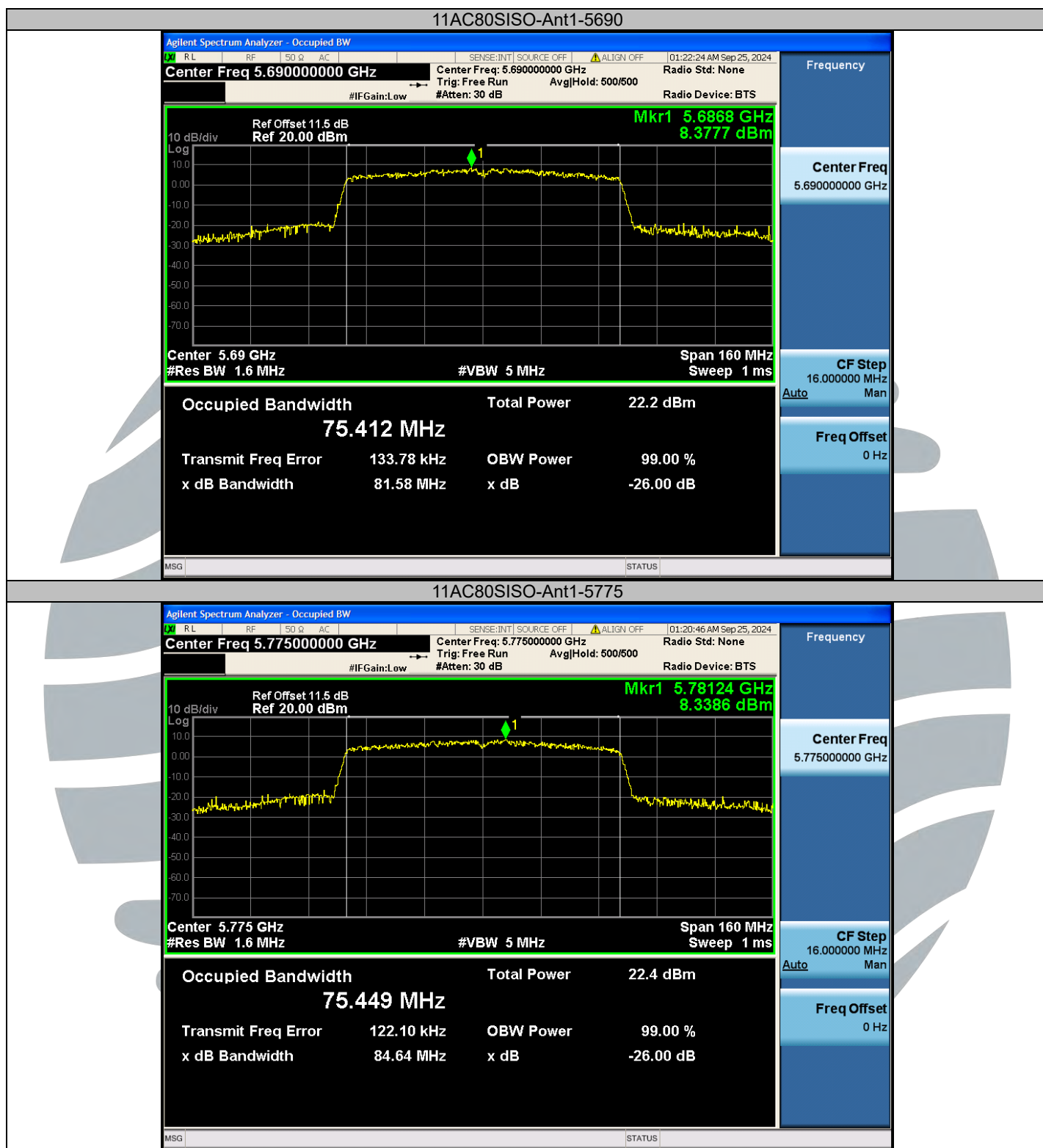
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Fax: +86-755-28230886

E-mail: info@uttlab.com

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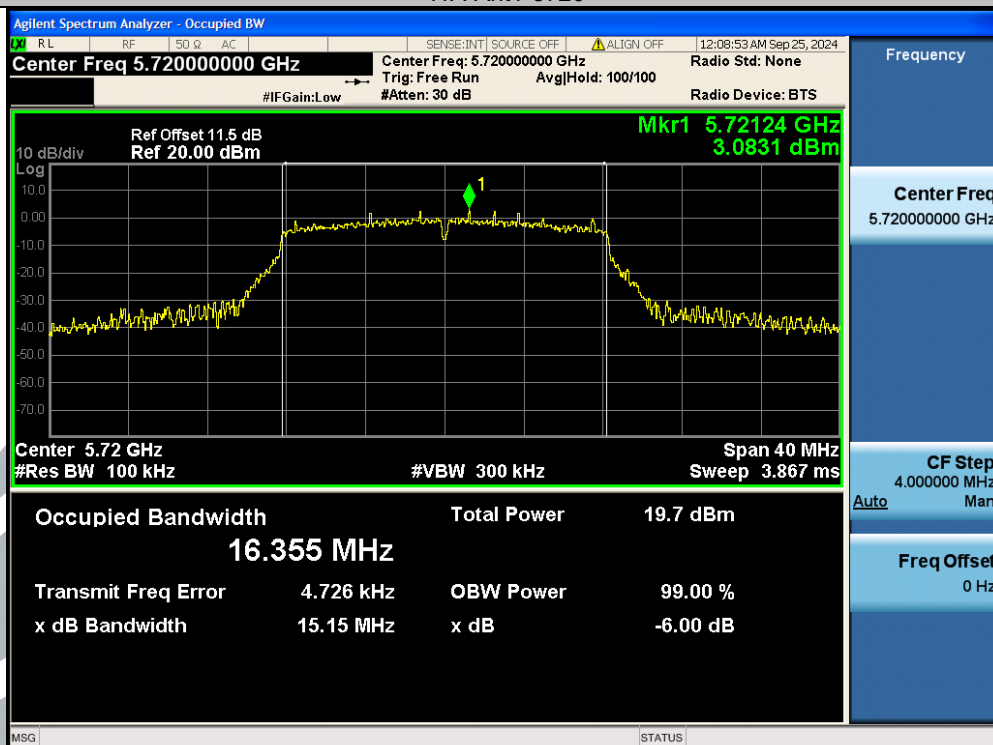
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A.3 6 DB BANDWIDTH**For U-NII-3 band**

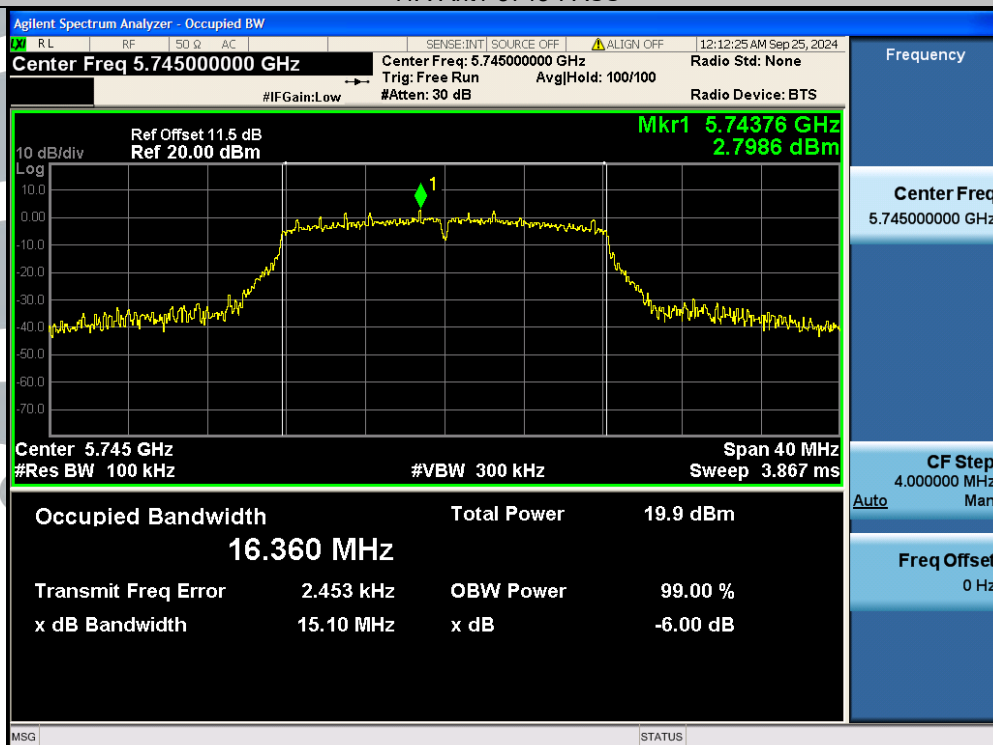
Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	Limit[MHz]	Verdict
11A	Ant1	5720	15.15	0.5	PASS
11A	Ant1	5745	15.10	0.5	PASS
11A	Ant1	5785	15.11	0.5	PASS
11A	Ant1	5825	13.83	0.5	PASS
11N20SISO	Ant1	5720	13.34	0.5	PASS
11N20SISO	Ant1	5745	13.86	0.5	PASS
11N20SISO	Ant1	5785	15.04	0.5	PASS
11N20SISO	Ant1	5825	14.46	0.5	PASS
11N40SISO	Ant1	5710	35.11	0.5	PASS
11N40SISO	Ant1	5755	32.66	0.5	PASS
11N40SISO	Ant1	5795	35.18	0.5	PASS
11AC20SISO	Ant1	5720	14.91	0.5	PASS
11AC20SISO	Ant1	5745	15.06	0.5	PASS
11AC20SISO	Ant1	5785	13.87	0.5	PASS
11AC20SISO	Ant1	5825	15.14	0.5	PASS
11AC40SISO	Ant1	5710	35.05	0.5	PASS
11AC40SISO	Ant1	5755	35.14	0.5	PASS
11AC40SISO	Ant1	5795	33.93	0.5	PASS
11AC80SISO	Ant1	5690	75.25	0.5	PASS
11AC80SISO	Ant1	5775	75.37	0.5	PASS

Test Graphs

11A-Ant1-5720



11A-Ant1-5745-PASS



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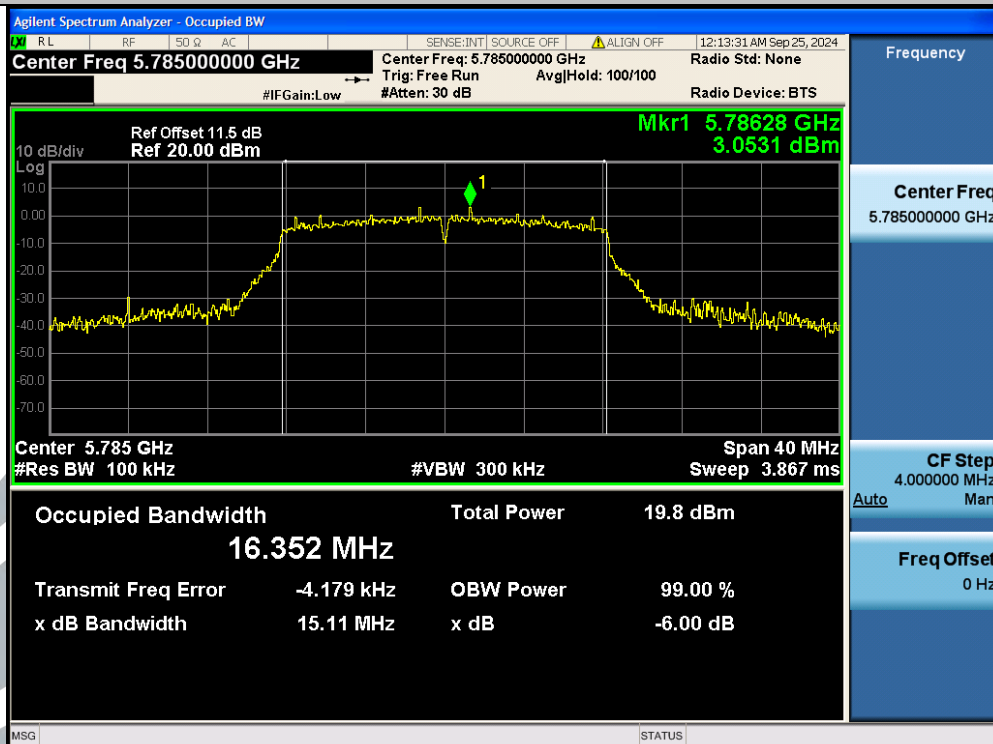
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E-mail: info@uttlab.com

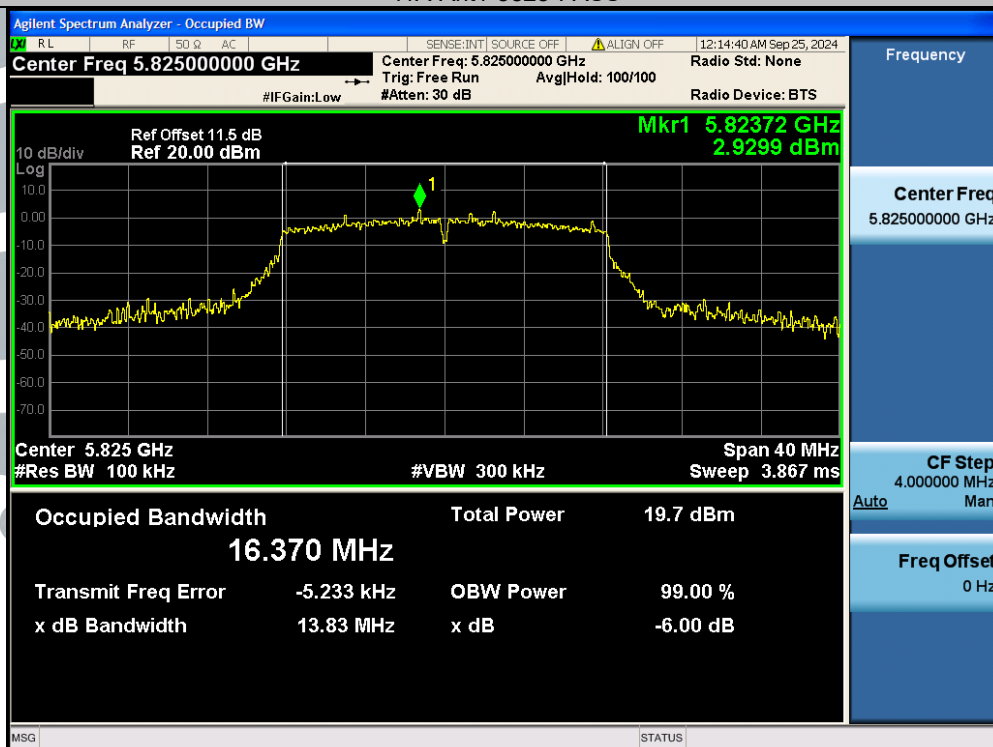
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11A-Ant1-5785-PASS



11A-Ant1-5825-PASS



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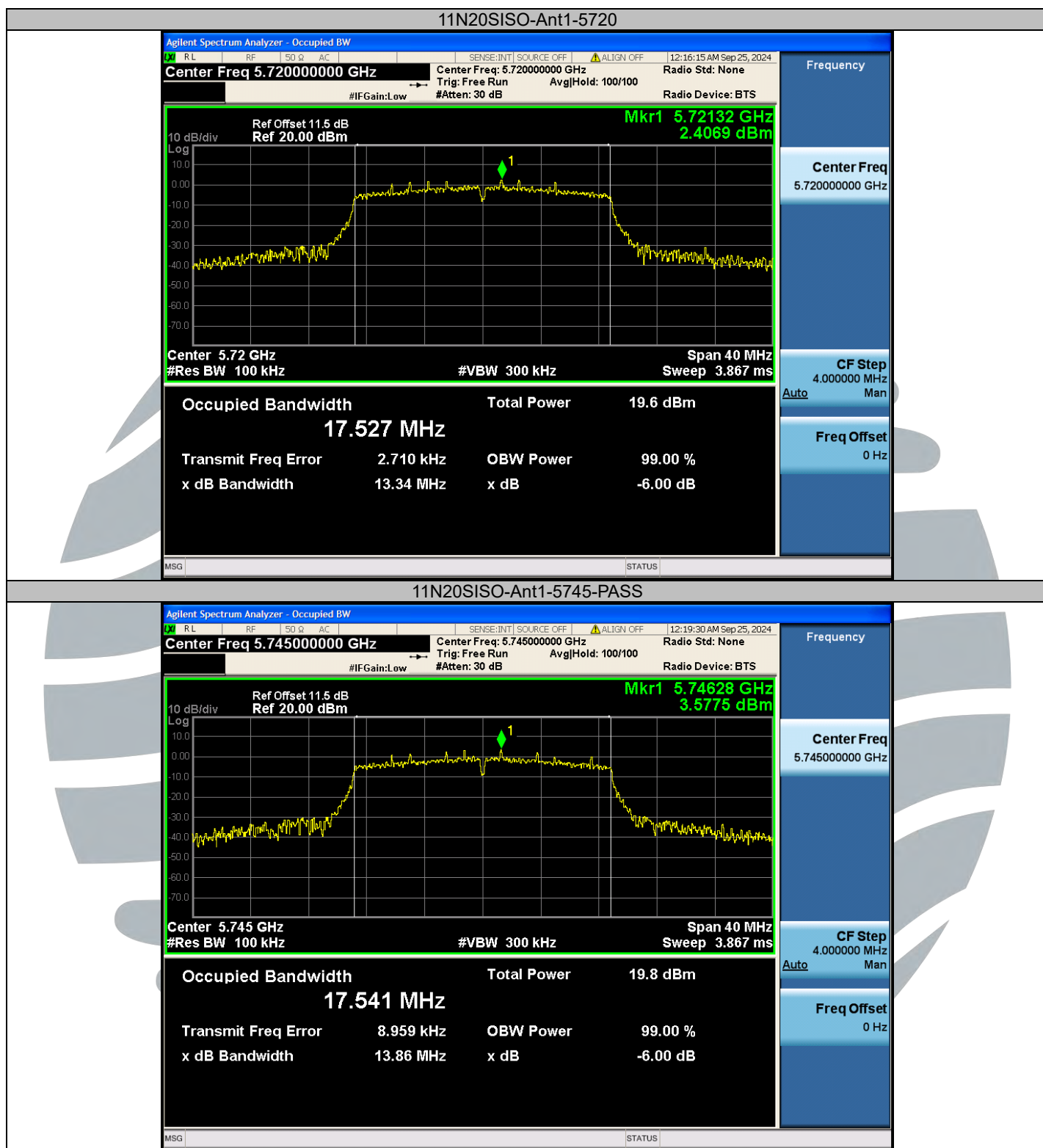
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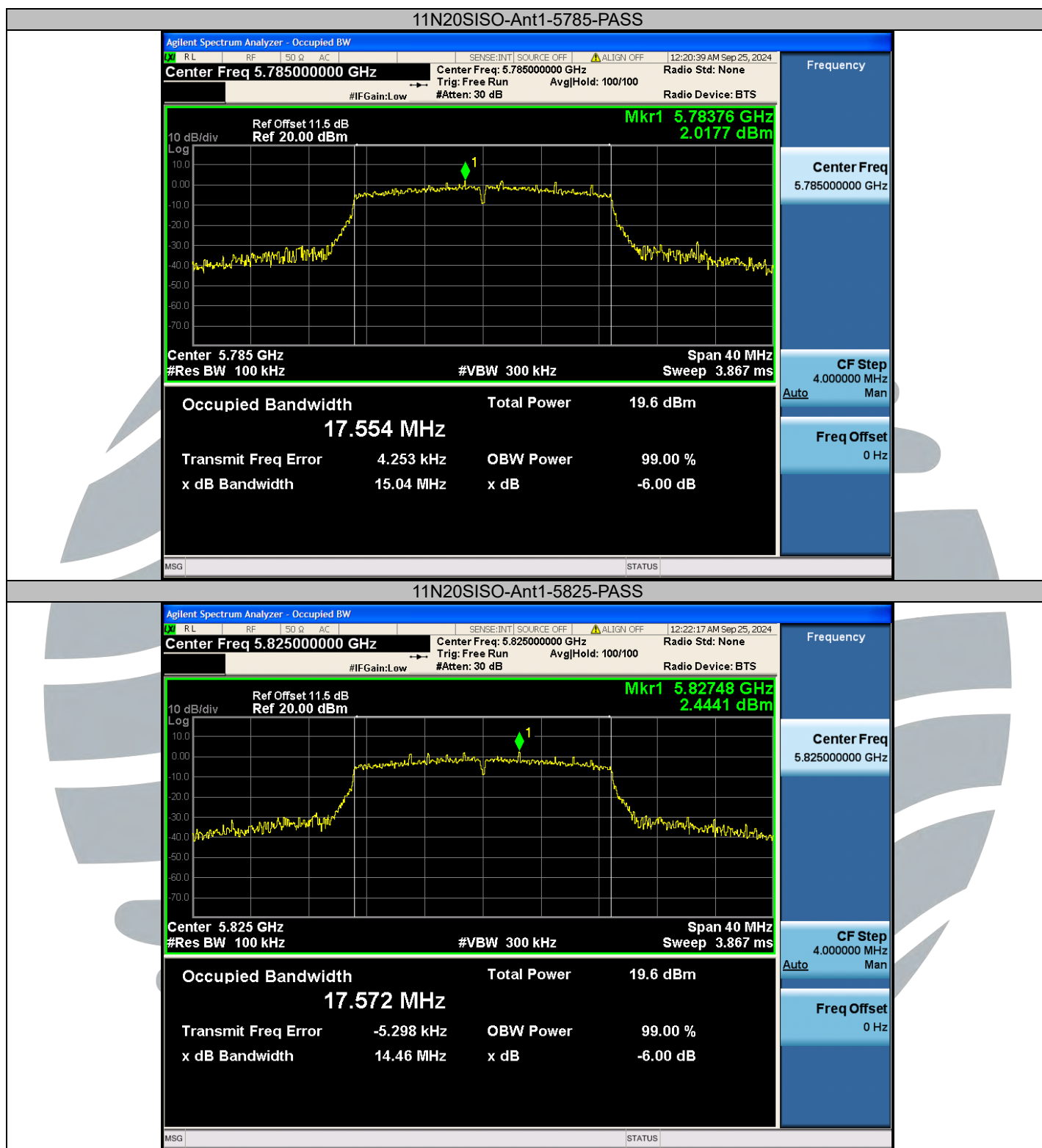
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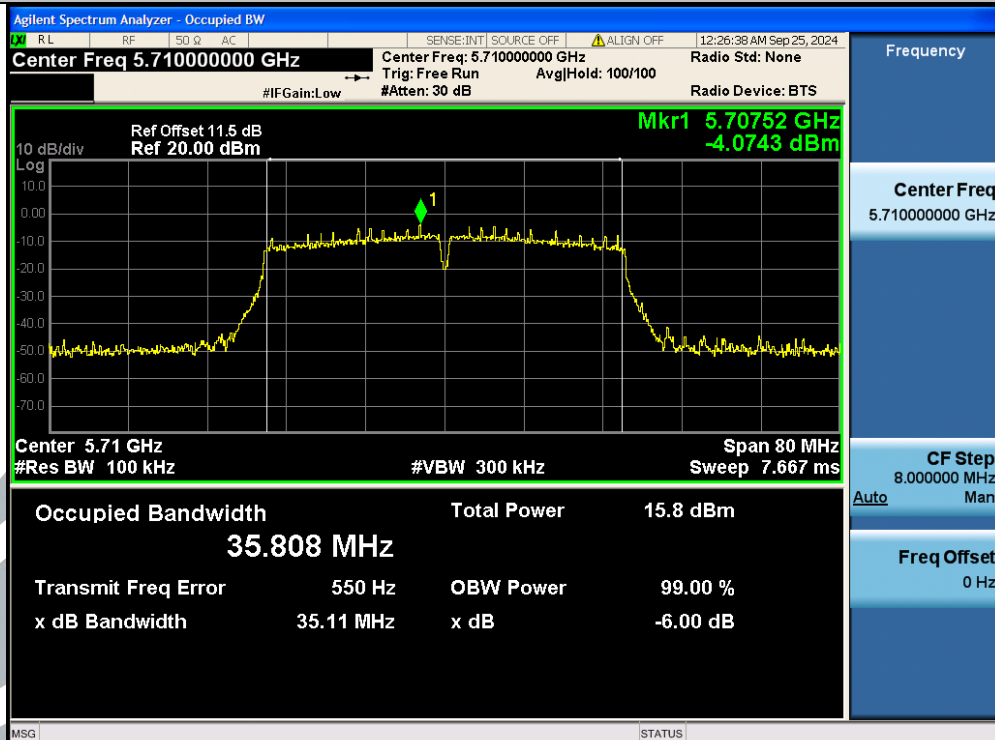
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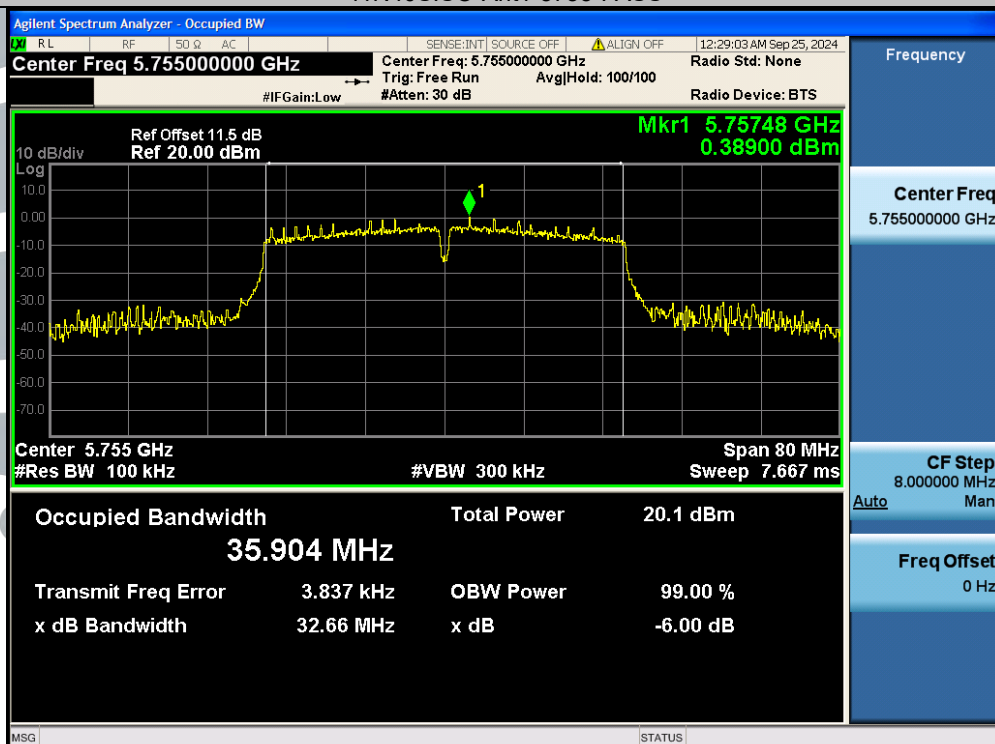
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UTTR-RF-FCCPART15.407-V1.2

11N40SISO-Ant1-5710



11N40SISO-Ant1-5755-PASS



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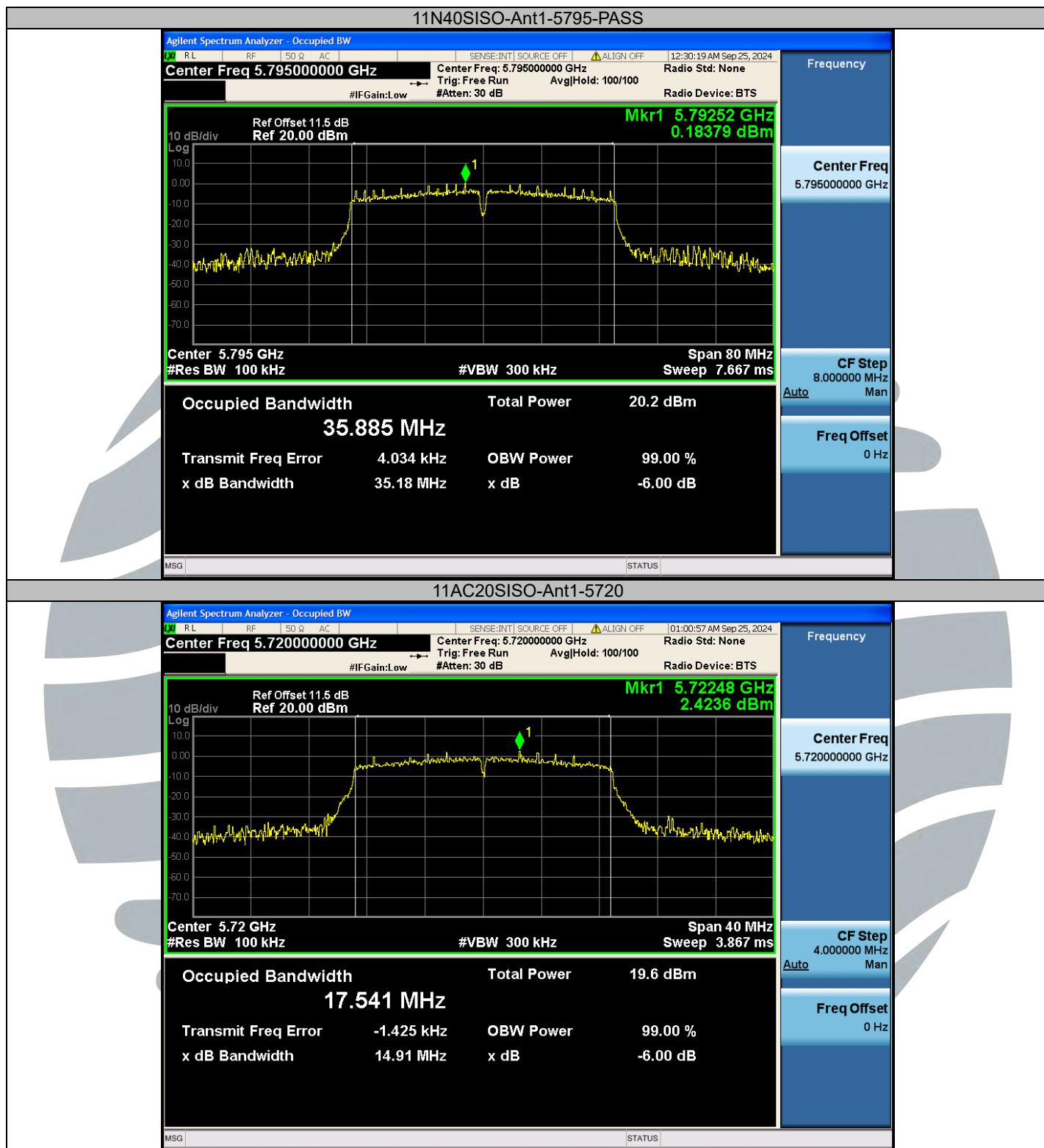
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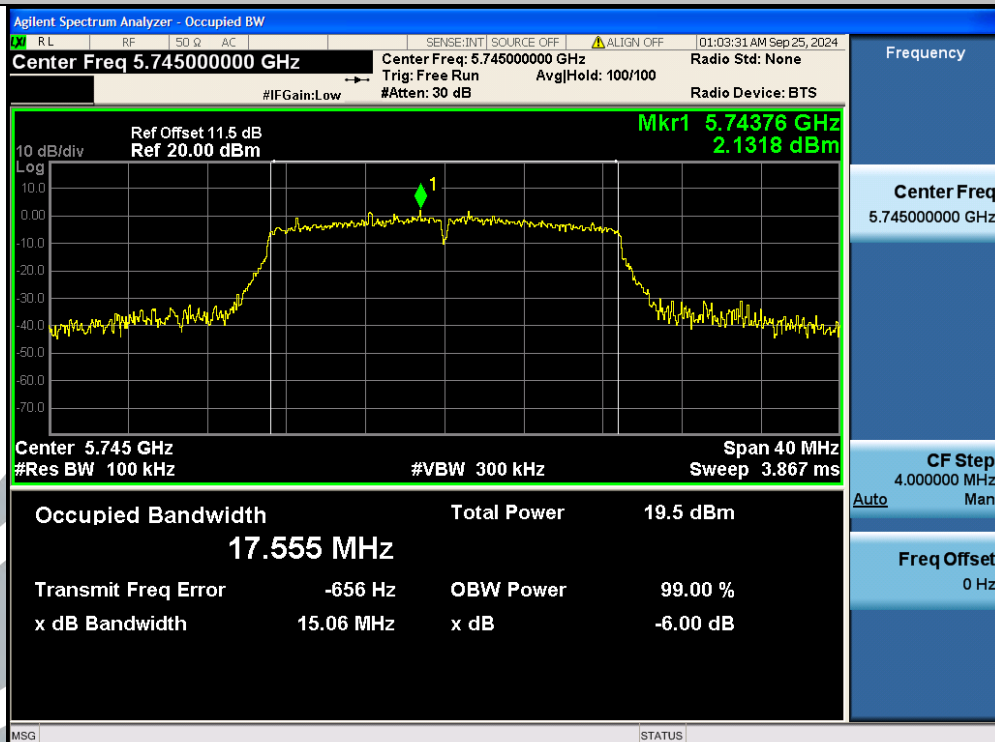
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E-mail: info@uttlab.com

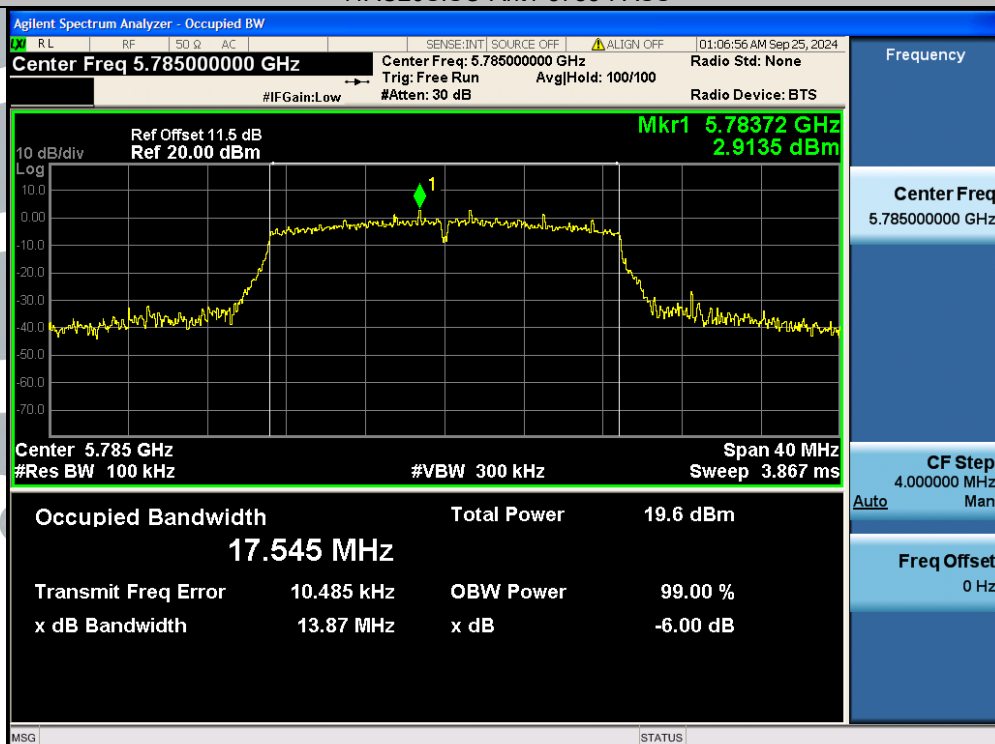
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UTTR-RF-FCCPART15.407-V1.2

11AC20SISO-Ant1-5745-PASS



11AC20SISO-Ant1-5785-PASS



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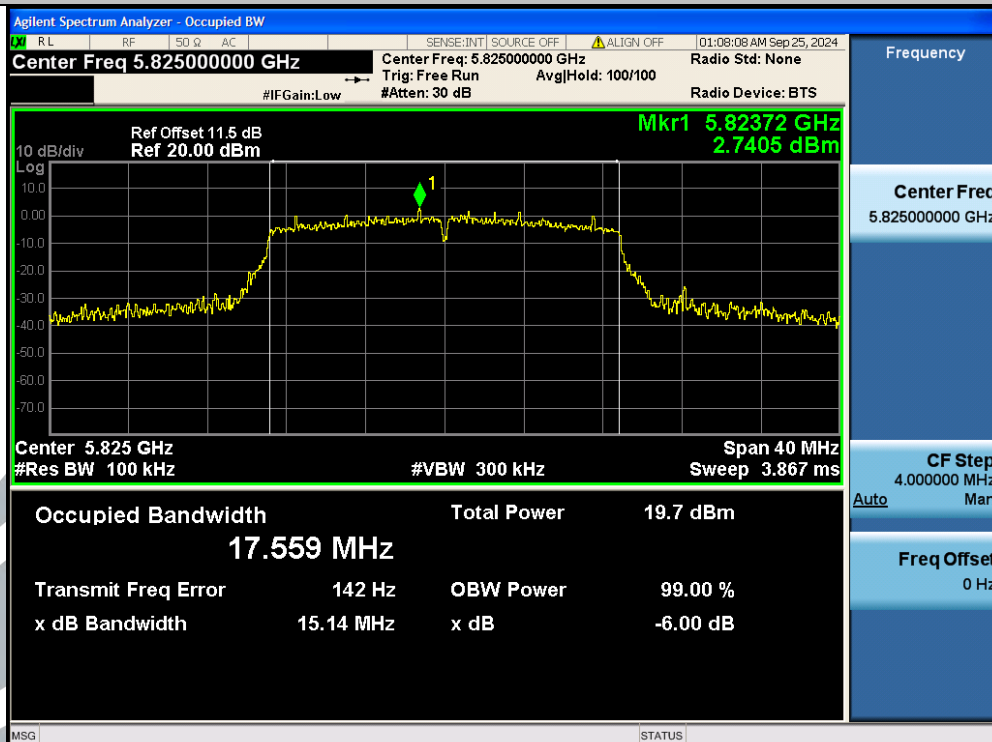
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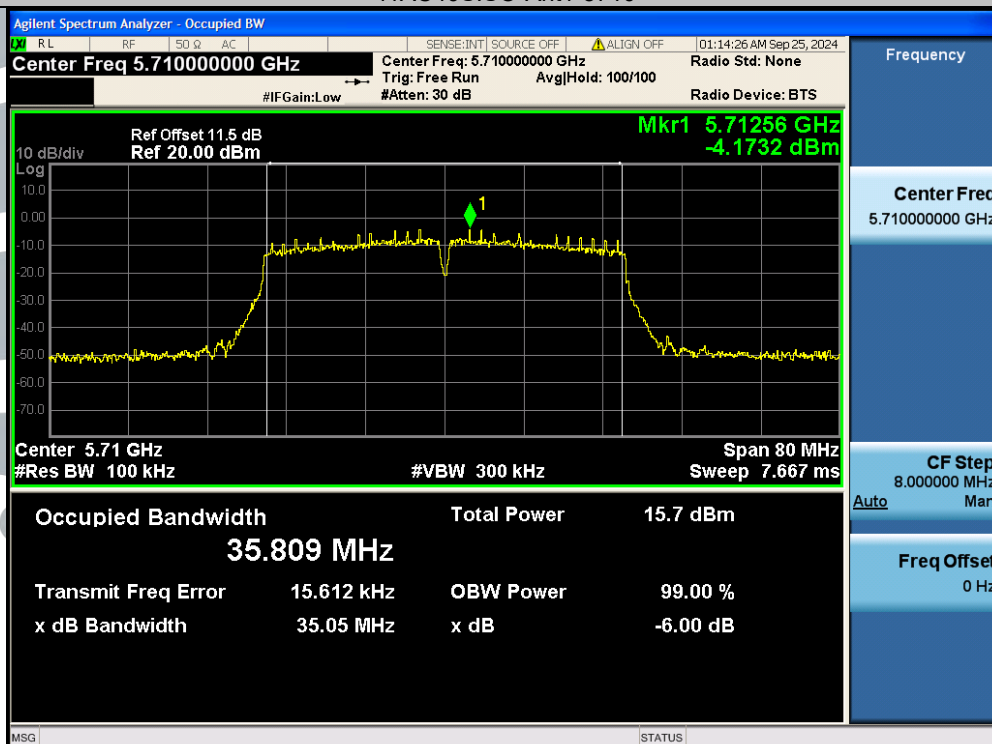
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UTTR-RF-FCCPART15.407-V1.2

11AC20SISO-Ant1-5825-PASS



11AC40SISO-Ant1-5710



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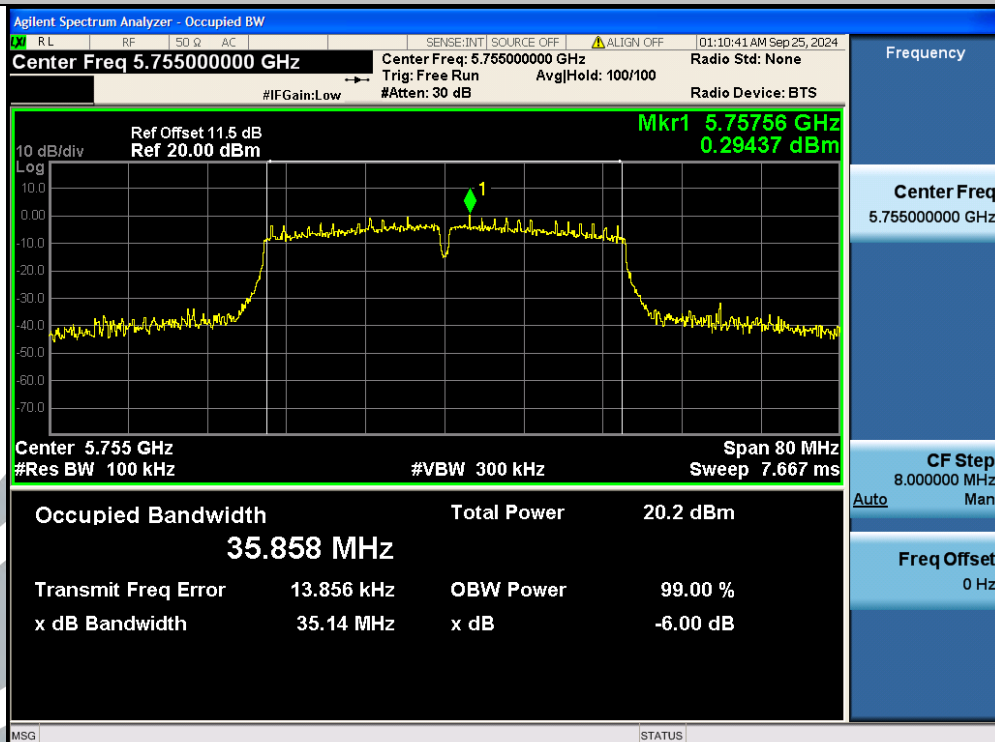
Fax: +86-755-28230886

E-mail: info@uttlab.com

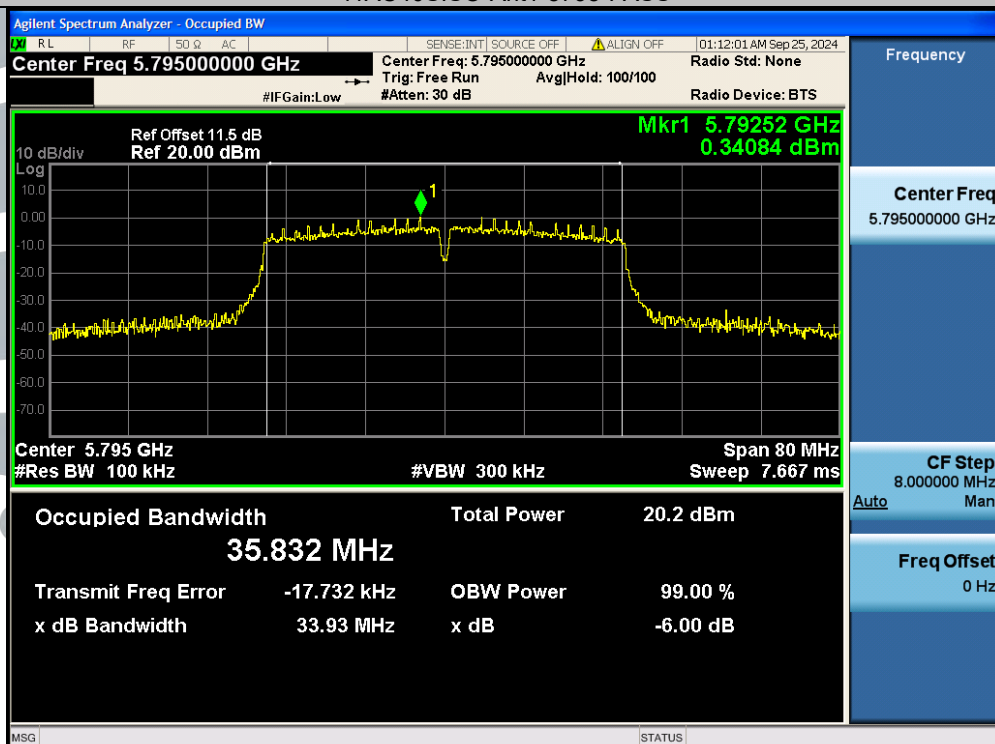
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11AC40SISO-Ant1-5755-PASS



11AC40SISO-Ant1-5795-PASS



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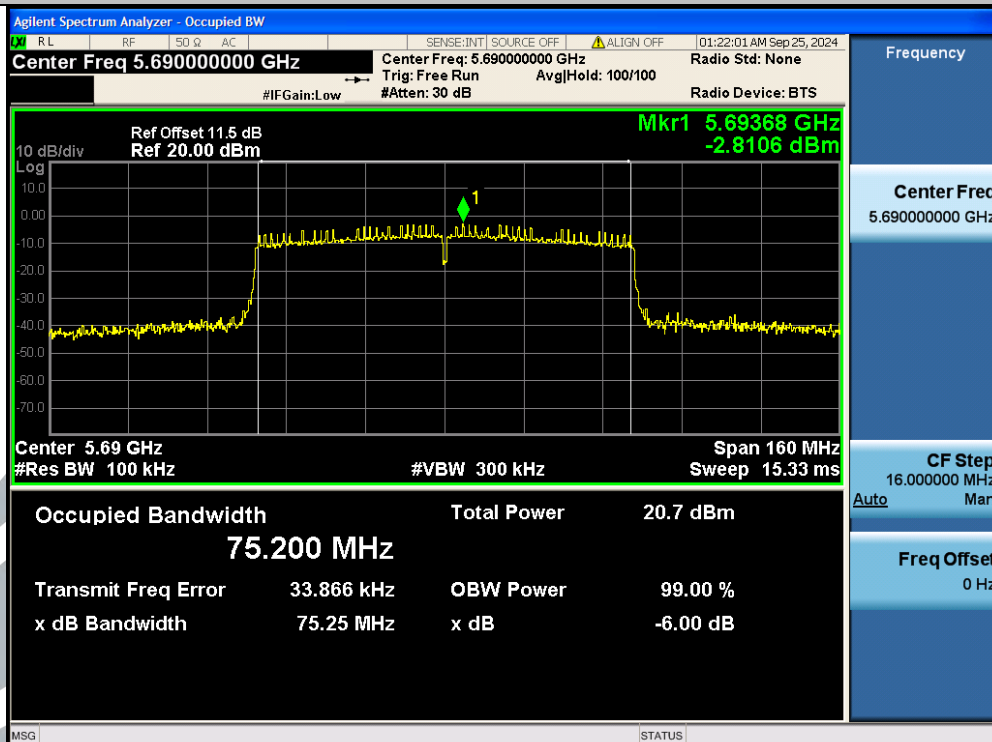
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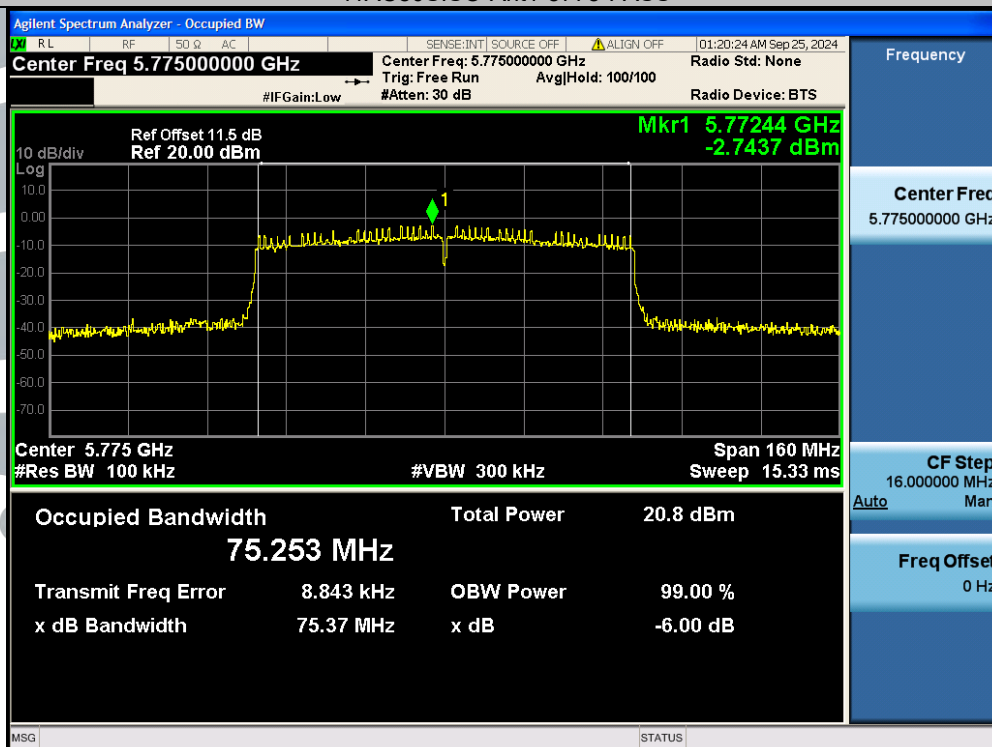
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11AC80SISO-Ant1-5690



11AC80SISO-Ant1-5775-PASS



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Tel: +86-755-28230888

Fax: +86-755-28230886

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A.4 PEAK POWER SPECTRAL DENSITY

For U-NII-1, U-NII-2A, U-NII-2C band

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	3.11	≤11.00	PASS
11A	Ant1	5220	2.95	≤11.00	PASS
11A	Ant1	5240	3.64	≤11.00	PASS
11A	Ant1	5260	3.72	≤11.00	PASS
11A	Ant1	5300	4.01	≤11.00	PASS
11A	Ant1	5320	4.27	≤11.00	PASS
11A	Ant1	5500	3.87	≤11.00	PASS
11A	Ant1	5600	3.70	≤11.00	PASS
11A	Ant1	5700	3.61	≤11.00	PASS
11A	Ant1	5720 UNII-2C	0.82	≤11.00	PASS
11A	Ant1	5720 UNII-3	-1.41	≤30.00	PASS
11A	Ant1	5745	0.75	≤30.00	PASS
11A	Ant1	5785	0.68	≤30.00	PASS
11A	Ant1	5825	0.54	≤30.00	PASS
11N20SISO	Ant1	5180	3.10	≤11.00	PASS
11N20SISO	Ant1	5220	3.41	≤11.00	PASS
11N20SISO	Ant1	5240	3.26	≤11.00	PASS
11N20SISO	Ant1	5260	3.27	≤11.00	PASS
11N20SISO	Ant1	5300	3.47	≤11.00	PASS
11N20SISO	Ant1	5320	3.63	≤11.00	PASS
11N20SISO	Ant1	5500	3.49	≤11.00	PASS
11N20SISO	Ant1	5600	2.67	≤11.00	PASS
11N20SISO	Ant1	5700	2.72	≤11.00	PASS
11N20SISO	Ant1	5720 UNII-2C	0.09	≤11.00	PASS
11N20SISO	Ant1	5720 UNII-3	-1.84	≤30.00	PASS
11N20SISO	Ant1	5745	0.50	≤30.00	PASS
11N20SISO	Ant1	5785	0.35	≤30.00	PASS
11N20SISO	Ant1	5825	0.66	≤30.00	PASS
11N40SISO	Ant1	5190	-0.16	≤11.00	PASS
11N40SISO	Ant1	5230	0.00	≤11.00	PASS
11N40SISO	Ant1	5270	-0.02	≤11.00	PASS
11N40SISO	Ant1	5310	0.32	≤11.00	PASS
11N40SISO	Ant1	5510	-4.10	≤11.00	PASS
11N40SISO	Ant1	5590	-4.34	≤11.00	PASS
11N40SISO	Ant1	5670	-4.43	≤11.00	PASS
11N40SISO	Ant1	5710 UNII-2C	-7.02	≤11.00	PASS
11N40SISO	Ant1	5710 UNII-3	-10.60	≤30.00	PASS
11N40SISO	Ant1	5755	-2.61	≤30.00	PASS
11N40SISO	Ant1	5795	-2.55	≤30.00	PASS
11AC20SISO	Ant1	5180	2.71	≤11.00	PASS
11AC20SISO	Ant1	5220	2.55	≤11.00	PASS
11AC20SISO	Ant1	5240	2.98	≤11.00	PASS
11AC20SISO	Ant1	5260	2.85	≤11.00	PASS
11AC20SISO	Ant1	5300	2.85	≤11.00	PASS
11AC20SISO	Ant1	5320	3.23	≤11.00	PASS
11AC20SISO	Ant1	5500	3.31	≤11.00	PASS
11AC20SISO	Ant1	5600	3.27	≤11.00	PASS
11AC20SISO	Ant1	5700	2.39	≤11.00	PASS
11AC20SISO	Ant1	5720 UNII-2C	0.18	≤11.00	PASS
11AC20SISO	Ant1	5720 UNII-3	-1.79	≤30.00	PASS
11AC20SISO	Ant1	5745	0.12	≤30.00	PASS
11AC20SISO	Ant1	5785	0.52	≤30.00	PASS
11AC20SISO	Ant1	5825	0.25	≤30.00	PASS
11AC40SISO	Ant1	5190	-0.61	≤11.00	PASS
11AC40SISO	Ant1	5230	-0.92	≤11.00	PASS
11AC40SISO	Ant1	5270	-0.68	≤11.00	PASS
11AC40SISO	Ant1	5310	-0.31	≤11.00	PASS
11AC40SISO	Ant1	5510	-4.45	≤11.00	PASS

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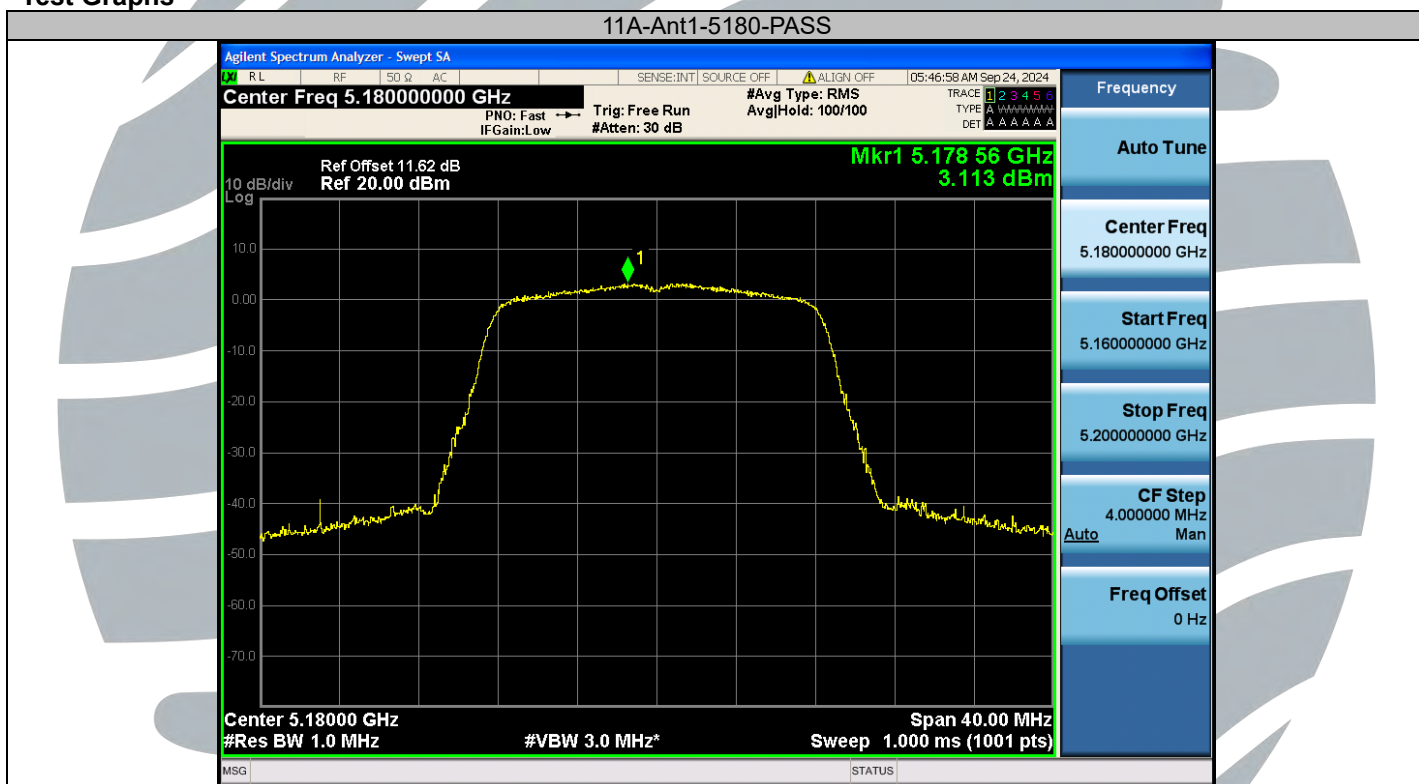
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11AC40SISO	Ant1	5590	0.09	≤11.00	PASS
11AC40SISO	Ant1	5670	-4.34	≤11.00	PASS
11AC40SISO	Ant1	5710 UNII-2C	-6.97	≤11.00	PASS
11AC40SISO	Ant1	5710 UNII-3	-10.71	≤30.00	PASS
11AC40SISO	Ant1	5755	-2.62	≤30.00	PASS
11AC40SISO	Ant1	5795	-2.41	≤30.00	PASS
11AC80SISO	Ant1	5210	-3.02	≤11.00	PASS
11AC80SISO	Ant1	5290	-2.72	≤11.00	PASS
11AC80SISO	Ant1	5530	-5.24	≤11.00	PASS
11AC80SISO	Ant1	5610	-3.02	≤11.00	PASS
11AC80SISO	Ant1	5690 UNII-2C	-5.95	≤11.00	PASS
11AC80SISO	Ant1	5690 UNII-3	-9.56	≤30.00	PASS
11AC80SISO	Ant1	5775	-5.71	≤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.

Test Graphs



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Tel: +86-755-28230888

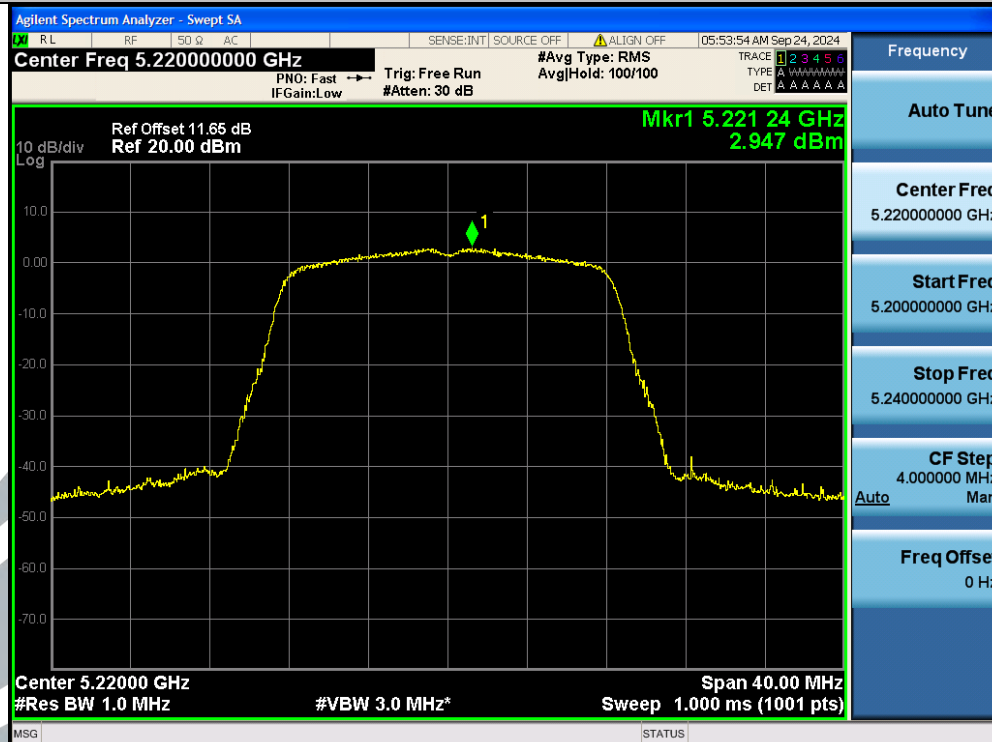
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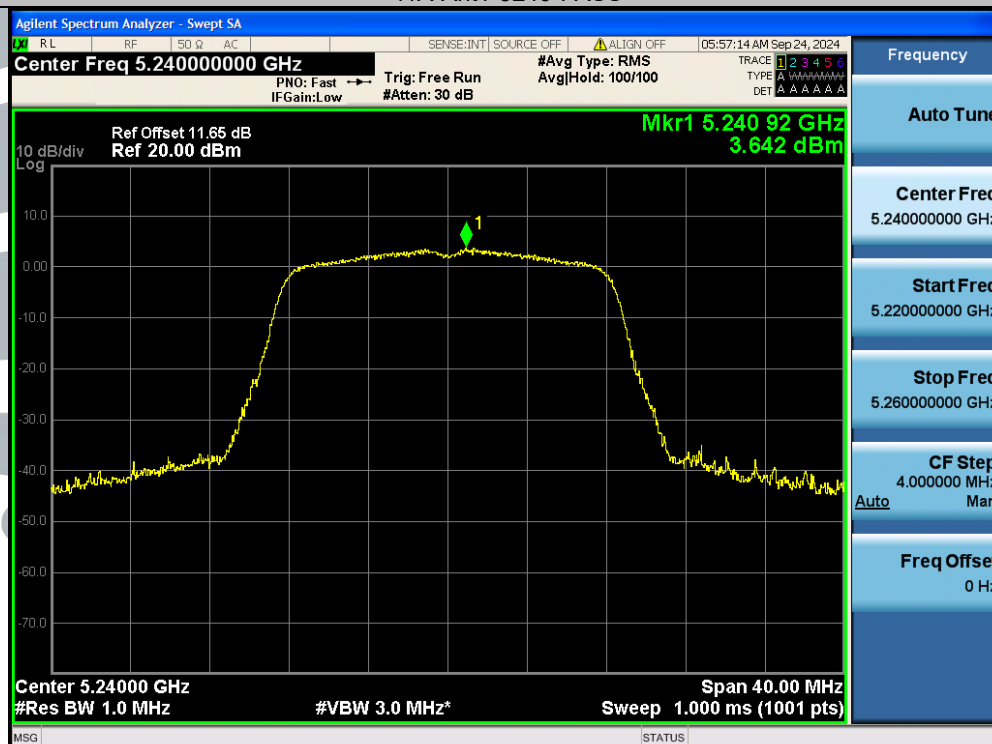
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11A-Ant1-5220-PASS



11A-Ant1-5240-PASS



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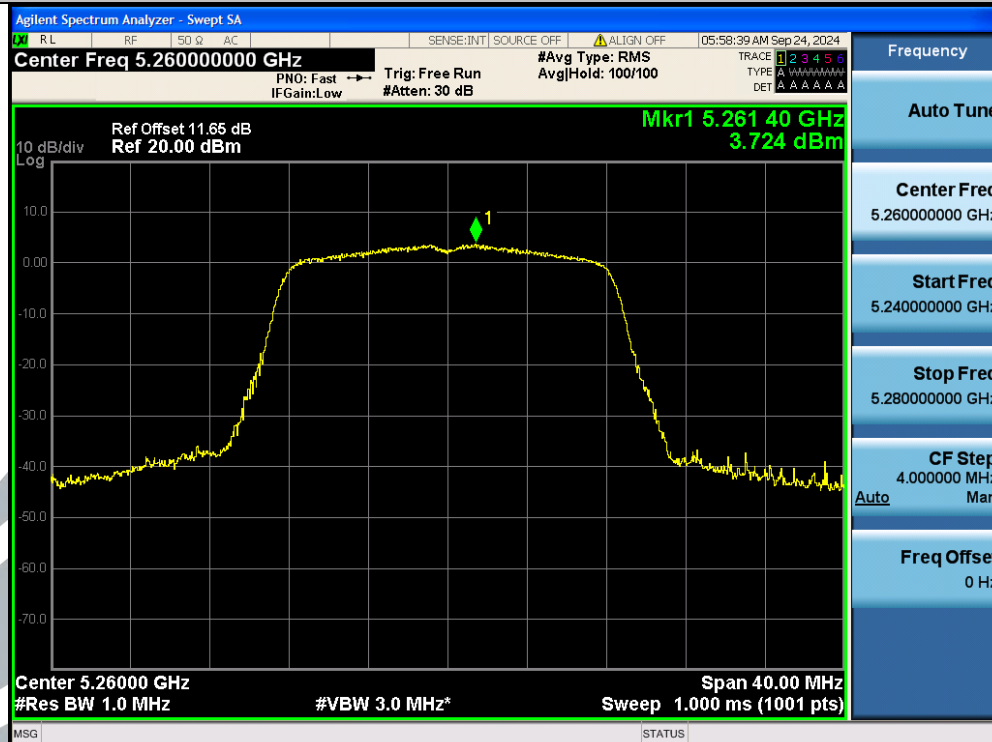
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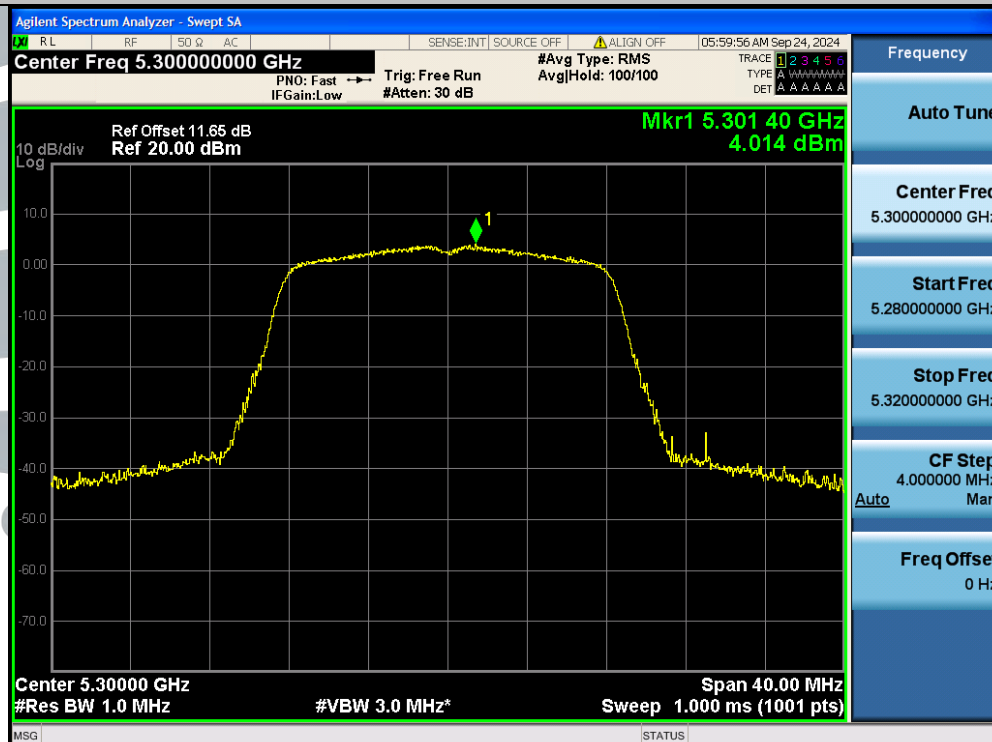
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**Shenzhen UnionTrust Quality and Technology Co., Ltd.**

Address: 16/F, Block A, Building 6th, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com<http://www.uttlab.com>

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