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April 11, 2022

VIA E-MAIL ONLY

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Marlene H. Dortch, Secretary
Federal Communications Commission
45 L. Street NE
Washington DC 20554

Re: W292DV (FX), New York, New York (FAC# 155888);
Request for Special Temporary Authority.

Dear Madam Secretary:

On the behalf of Apple 107.1. Inc., ("Apple"), the Licensee of W292DV (FX), New York, New York (FAC# 155888) (the "Station" or "W292DV"), this is to respectfully request Special Temporary Authority ("STA") in which to operate at the reduced power of 3 watts from a temporary location. Technical exhibits are attached.

This STA has become necessary as the Station location for implementation of new Channel 300 as authorized by LMS-00001866888 has been delayed. W292DV (new W300EI), must return to the air on or before May 2, 2022 (See BLSTA-20211214AAA). While Apple hopes to have the Station built out and operating prior to that deadline, out an abundance of caution, it proposes temporary operations at this proposed STA location to break the silent status of the Station. Considering the forgoing, Apple respectfully requests up to sixty (60) days in which to operate at reduced power from the temporary location. Because of the looming license deadline, we respectfully request **expedited processing**.

Attached hereto is an Anti-Drug Certificated signed by Counsel. Pursuant to FCC *Public Notice*, DA 22-29, (released January 11, 2022) (the "Public Notice") this instant STA Request is being submitted by e-mail to audiofillings@fcc.gov. Should there be any questions regarding this STA Request, please feel free to contact this Office.

Very truly yours,



John C. Trent

Attachments

cc: audiofillings@fcc.gov (Via E-mail Only)

ANTI-DRUG ABUSE ACT CERTIFICATION

The Applicant certifies that, in the case of an individual applicant, he or she is not subject to a denial of federal benefits pursuant to section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §853a, or, in the case of a nonindividual applicant (*e.g.*, corporation, partnership or other unincorporated association), no party to the application is subject to a denial of federal benefits pursuant to that section. For the definition of a “party” for these purposes, *see* 47 C.F.R. §1.2002(b).

Yes ☒

No ☐

Name of Applicant: Apple 107.1, Inc.	Signature: 
Date: 04/11/2022	Title: Counsel

APPLE 107.1, Inc.

W292DV will be a fill in service for WXMC-AM, at 3 watts

40-42-57.3N

74-02-03.5W

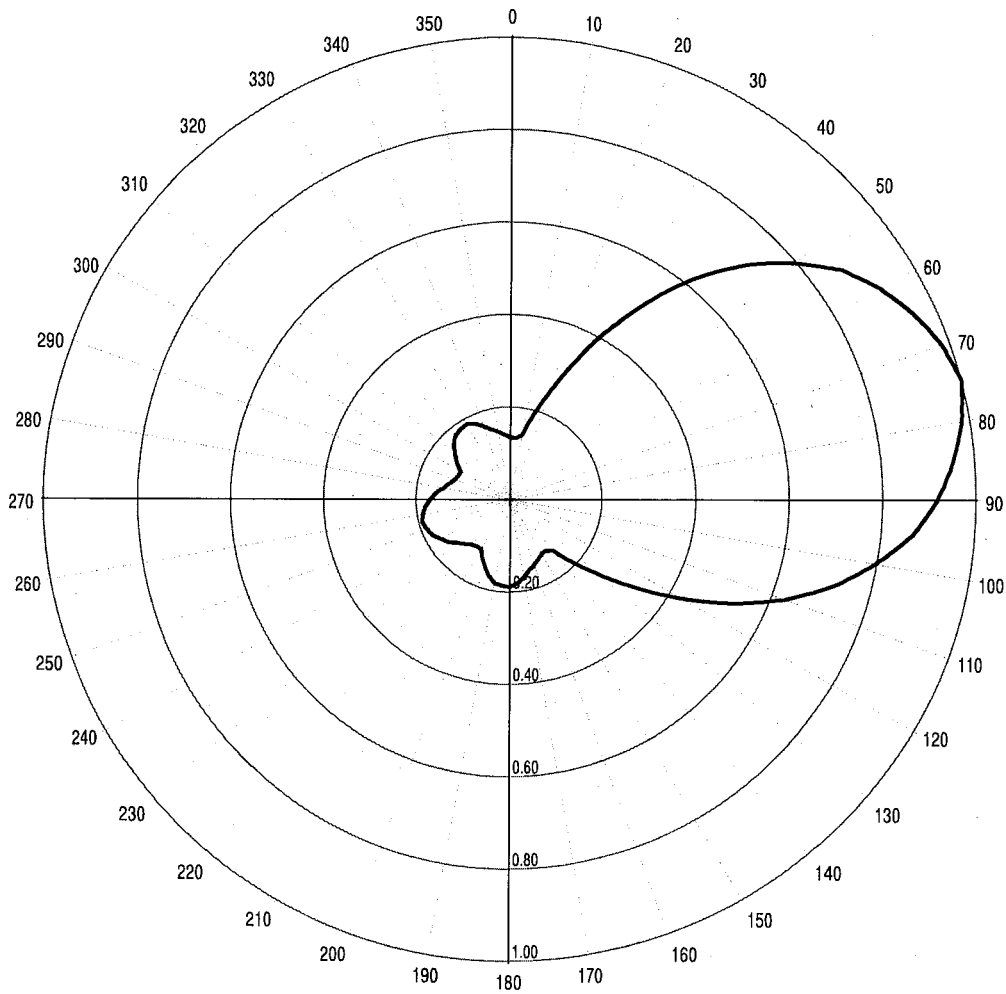
174 AGL

164 HAAT

We are asking for this STA because we are running out of time and this will revitalize our license until we can get the install completed at 55 Water Street location. Tammy Celenza had 2 emergency brain surgeries in February which had to take priority. We had to get the equipment ordered and it took us longer to get the equipment in hand because of the lead time to produce and ship the equipment.

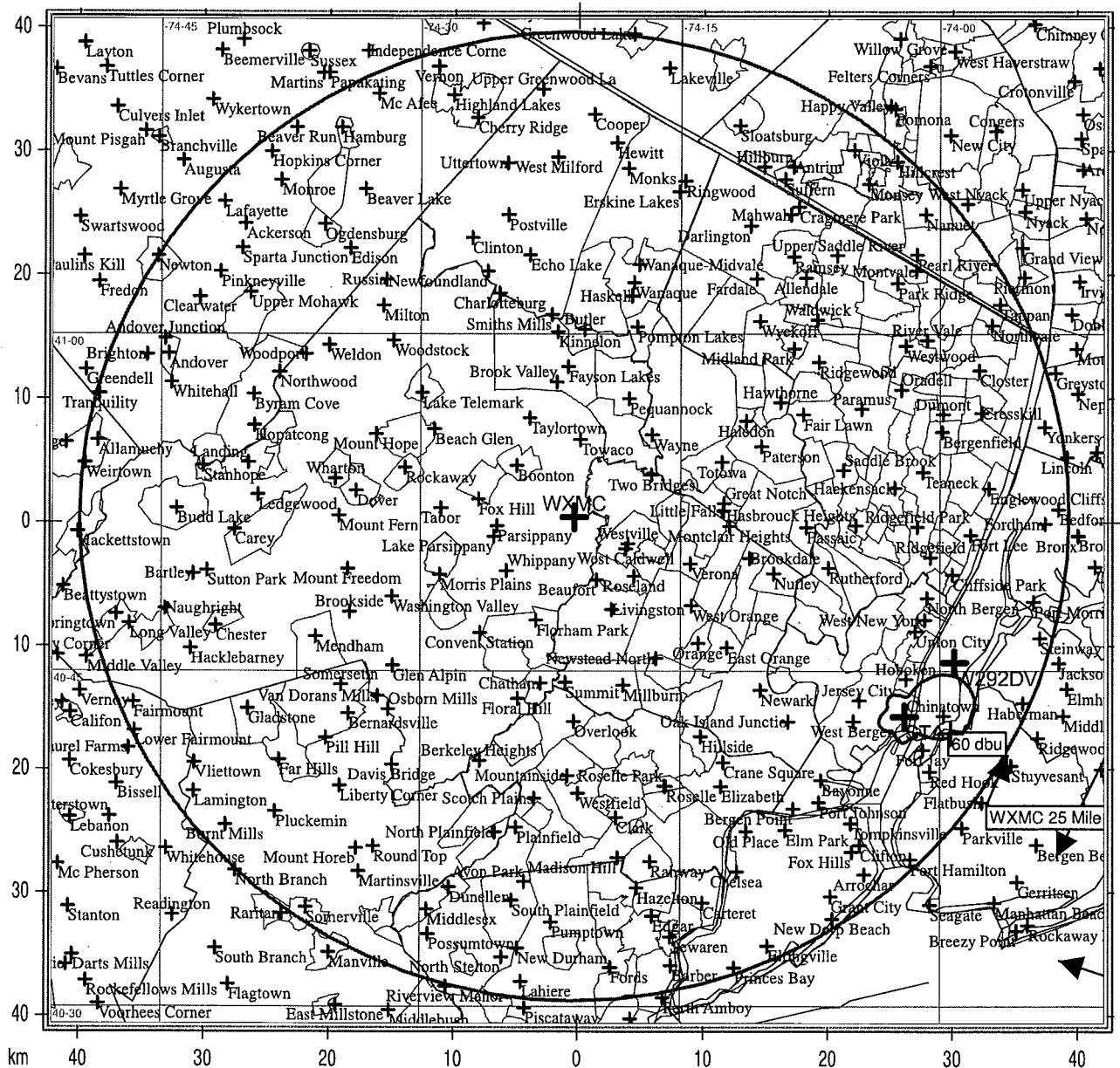
We are asking for your assistance so we have the time needed to construct the translator.

WAIVER REQUEST This engineering statement is prepared on behalf of (Apple 107.1, Inc. Apple.). Apple request a STA to their licensed FM translator W292DV New York, NY. Facility ID 155888 . Apple proposes 3 watts E.R.P., the antenna pattern. This proposal is within the service contour of station WQXR and WLTW Apple is requesting for a waiver of section 74.1204 of the rules towards stations WQXR and WLTW. The signal level at the site of Apple worst case scenario is WQXR fm station is a 98 DBU (50,50) the translators interfering contour is 40 DBU (50,10) which together would be the worst-case scenario 138 DBU (50,10). Using the undesired-to desired method for the purpose of determining lack of interference for an FM translator. The proposed interfering contour with respect to station WQXR is 138 DBU See attached FREE SPACE STUDY Apple interfering contour doesn't touch the rooftop, ground or population the antenna is mounted on a pole which is above a mechanical room above the roof at 10 meters Apple is respectfully requesting a waiver.



Azim	Rel.FS	ERP [W]	dBk	Azim	Rel.FS	ERP [W]	dBk	Azim	Rel.FS	ERP [W]	dBk	Azim	Rel.FS	ERP [W]	dBk
0.0	0.135	0.073	-41.393	90.0	0.915	3.333	-24.772	180.0	0.189	0.142	-38.471	270.0	0.170	0.115	-39.391
5.0	0.134	0.071	-41.458	95.0	0.866	2.986	-25.250	185.0	0.187	0.139	-38.563	275.0	0.160	0.102	-39.918
10.0	0.142	0.080	-40.954	100.0	0.796	2.522	-25.982	190.0	0.183	0.133	-38.751	280.0	0.145	0.084	-40.773
15.0	0.190	0.144	-38.425	105.0	0.718	2.052	-26.878	195.0	0.171	0.116	-39.340	285.0	0.135	0.073	-41.393
20.0	0.247	0.243	-36.146	110.0	0.628	1.570	-28.041	200.0	0.155	0.096	-40.193	290.0	0.127	0.064	-41.924
25.0	0.329	0.431	-33.656	115.0	0.528	1.110	-29.547	205.0	0.140	0.078	-41.077	295.0	0.123	0.060	-42.202
30.0	0.423	0.712	-31.473	120.0	0.423	0.712	-31.473	210.0	0.123	0.060	-42.202	300.0	0.123	0.060	-42.202
35.0	0.528	1.110	-29.547	125.0	0.329	0.431	-33.656	215.0	0.123	0.060	-42.202	305.0	0.140	0.078	-41.077
40.0	0.628	1.570	-28.041	130.0	0.247	0.243	-36.146	220.0	0.127	0.064	-41.924	310.0	0.155	0.096	-40.193
45.0	0.718	2.052	-26.878	135.0	0.190	0.144	-38.425	225.0	0.135	0.073	-41.393	315.0	0.171	0.116	-39.340
50.0	0.796	2.522	-25.982	140.0	0.142	0.080	-40.954	230.0	0.145	0.084	-40.773	320.0	0.183	0.133	-38.751
55.0	0.866	2.986	-25.250	145.0	0.134	0.071	-41.458	235.0	0.160	0.102	-39.918	325.0	0.187	0.139	-38.563
60.0	0.915	3.333	-24.772	150.0	0.135	0.073	-41.393	240.0	0.170	0.115	-39.391	330.0	0.189	0.142	-38.471
65.0	0.952	3.608	-24.427	155.0	0.142	0.080	-40.954	245.0	0.182	0.132	-38.799	335.0	0.181	0.130	-38.846
70.0	0.982	3.839	-24.158	160.0	0.150	0.090	-40.478	250.0	0.188	0.141	-38.517	340.0	0.170	0.115	-39.391
75.0	1.000	3.981	-24.000	165.0	0.157	0.098	-40.082	255.0	0.193	0.148	-38.289	345.0	0.157	0.098	-40.082
80.0	0.982	3.839	-24.158	170.0	0.170	0.115	-39.391	260.0	0.188	0.141	-38.517	350.0	0.150	0.090	-40.478
85.0	0.952	3.608	-24.427	175.0	0.181	0.130	-38.846	265.0	0.182	0.132	-38.799	355.0	0.142	0.080	-40.954

STA Fill in map WXMC



APPLE 1071, INC.

National Borders
 County Borders
 State Borders
 City Borders
 Lat/Lon Grid

Map Scale: 1:513916 1 cm = 5.14 km Vih Size: 81.29 x 84.33 km

M CELENZA COMMUNICATIONS, INC.

Proposed Antenna: Scala CA-5

Proposed Power: 0.003 kW

Antenna Height AGL: 10 meters

Interference Contour: 138 dBu f(50:10)

Artificial Rcv Antenna Height: 2 meters

Distance (Free Space) Equation: $= (10^{((106.92 - [\text{desired dBu}] + [\text{ERP in dBk}]) / 20)}) * 1000$

Field Strength (dBu) Equation: $= 106.92 - (20 * (\text{LOG10}[\text{DistMeters} / 1000])) + [\text{ERP in dBk}]$

Fill in
yellow cells

Depression				Distance				
Angle	Antenna			from Ant.	Distance	Field Strength	Distance	Field Strength
Below	Relative	ERP	ERP	to Interf	from Ant. to	in dBu @	from Ant.	in dBu @
Horizon	Field	in kW	in dBk	Contour	Artificial Plane	Artificial Plane	to Ground Level	Ground Level
0°	1.000	0.003	-25.23	1.53 m	infinite		infinite	
-5°	0.982	0.003	-25.39	1.50 m	91.79 m	102.28 dBu	114.74 m	100.34 dBu
-10°	0.952	0.003	-25.66	1.46 m	46.07 m	103.00 dBu	57.59 m	106.06 dBu
-15°	0.915	0.003	-26.00	1.40 m	30.91 m	103.12 dBu	38.64 m	109.18 dBu
-20°	0.866	0.002	-26.48	1.32 m	23.39 m	103.08 dBu	29.24 m	111.88 dBu
-25°	0.796	0.002	-27.21	1.22 m	18.93 m	102.47 dBu	23.66 m	112.28 dBu
-30°	0.700	0.001	-28.33	1.07 m	16.00 m	101.61 dBu	20.00 m	112.57 dBu
-35°	0.628	0.001	-29.27	0.96 m	13.95 m	100.76 dBu	17.43 m	112.82 dBu
-40°	0.528	0.001	-30.78	0.81 m	12.45 m	100.24 dBu	15.56 m	113.11 dBu
-45°	0.423	0.001	-32.70	0.65 m	11.31 m	99.15 dBu	14.14 m	113.21 dBu
-50°	0.329	0.000	-34.88	0.50 m	10.44 m	98.66 dBu	13.05 m	109.72 dBu
-55°	0.247	0.000	-37.37	0.38 m	9.77 m	100.73 dBu	12.21 m	107.45 dBu
-60°	0.190	0.000	-39.65	0.29 m	9.24 m	107.96 dBu	11.55 m	106.02 dBu
-65°	0.142	0.000	-42.18	0.22 m	8.83 m	105.62 dBu	11.03 m	103.88 dBu
-70°	0.134	0.000	-42.69	0.20 m	8.51 m	105.63 dBu	10.64 m	103.69 dBu
-75°	0.135	0.000	-42.62	0.21 m	8.28 m	105.93 dBu	10.35 m	103.01 dBu
-80°	0.142	0.000	-42.18	0.22 m	8.12 m	106.64 dBu	10.15 m	102.50 dBu
-85°	0.150	0.000	-41.71	0.23 m	8.03 m	107.12 dBu	10.04 m	105.18 dBu
-90°	0.157	0.000	-41.31	0.24 m	8.00 m	107.55 dBu	10.00 m	105.61 dBu