



September 24, 2010

Re: ABS-CBN INTERNATIONAL, INC
RICHMOND, CA (E000584)
Ku-Band Transmit-Receive Earth Station
Job Number: 100924COMSGE02

Dear Frequency Coordinator:

This notice is being provided in accordance with Section 25.203(c) of the FCC Rules and Regulations. We are forwarding the attached coordination data on behalf of ABS-CBN INTERNATIONAL, INC, 2301 COLUMBIA AVE CONTRA COSTA, CA 94804 for a Ku-Band Transmit-Receive Earth Station to be located in RICHMOND, CA.

The coordination notice is being circulated to the owners (or their protection agents) of all existing or proposed terrestrial facilities operating in a shared frequency band within the coordination contours of the proposed station(s).

We respectfully request that you examine this data for its interference potential with your system(s). In the event that your analysis identifies potential interference cases that have not been resolved, please contact us by October 29, 2010.

If there are any questions concerning this coordination notice, please contact Comsearch.

Sincerely,

COMSEARCH

Gary K. Edwards
Senior Manager
gedwards@comsearch.com

Enclosure(s)

Date: 09/23/2010
Job Number: <PCNJobCode>

Administrative Information

Status ENGINEER PROPOSAL
Call Sign <PCNCallSign>
Licensee Code ABSCBN
Licensee Name ABS-CBN INTERNATIONAL, INC

Site Information**RICHMOND, CA**

Venue Name
Latitude (NAD 83) 37° 54' 16.0" N
Longitude (NAD 83) 122° 18' 59.0" W
Climate Zone A
Rain Zone 4
Ground Elevation (AMSL) 5.4 m / 17.7 ft

Link Information

Satellite Type Geostationary
Mode TR - Transmit-Receive
Modulation Digital
Satellite Arc 50° W to 194° West Longitude
Azimuth Range 101.1° to 258.5°
Corresponding Elevation Angles 5.2° / 5.7°
Antenna Centerline (AGL) 4.88 m / 16.0 ft

Antenna Information**Receive - FCC32****Transmit - FCC32**

Manufacturer	Andrew 7.6 Meter	Andrew 7.6 Meter
Model	ES76K-1	ES76K-1
Gain / Diameter	57.8 dBi / 7.6 m	59.3 dBi / 7.6 m
3-dB / 15-dB Beamwidth	0.44° / 0.78°	0.50° / 1.00°
Max Available RF Power	(dBW/4 kHz) (dBW/MHz)	0.0 24.0
Maximum EIRP	(dBW/4 kHz) (dBW/MHz)	59.3 83.3
Interference Objectives:	Long Term Short Term	-156.0 dBW/MHz 20% -146.0 dBW/MHz 0.01% -151.0 dBW/4 kHz 20% -128.0 dBW/4 kHz 0.0025%

Frequency Information**Receive 11.0 GHz****Transmit 14.0 GHz**

Emission / Frequency Range (MHz) 38K4G7W - 36M0G7F / 10900.0 - 11200.0 38K4G7W - 36M0G7F / 14000.0 - 14500.0
38K4G7W - 36M0G7F / 11450.0 - 12800.0

Max Great Circle Coordination Distance 631.7 km / 392.5 mi 409.2 km / 254.2 mi
Precipitation Scatter Contour Radius 420.3 km / 261.1 mi 154.8 km / 96.2 mi

Coordination Values		RICHMOND, CA			
Licensee Name		ABS-CBN INTERNATIONAL, INC			
Latitude (NAD 83)		37° 54' 16.0" N			
Longitude (NAD 83)		122° 18' 59.0" W			
Ground Elevation (AMSL)		5.4 m / 17.7 ft			
Antenna Centerline (AGL)		4.88 m / 16.0 ft			
Antenna Model		Andrew 7.6 Meter			
Antenna Mode		Receive 11.0 GHz		Transmit 14.0 GHz	
Interference Objectives: Long Term		-156.0 dBW/MHz	20%	-151.0 dBW/4 kHz	20%
Short Term		-146.0 dBW/MHz	0.01%	-128.0 dBW/4 kHz	0.0025%
Max Available RF Power			0.0 (dBW/4 kHz)		

Azimuth (°)	Horizon Elevation (°)	Antenna Discrimination (°)	Receive 11.0 GHz		Transmit 14.0 GHz		Coordination Distance (km)
			Horizon Gain (dBi)	Coordination Distance (km)	Horizon Gain (dBi)	Coordination Distance (km)	
0	1.52	101.06	-10.00	161.64	-10.00	100.00	
5	2.00	96.08	-10.00	146.53	-10.00	100.00	
10	2.26	91.08	-10.00	140.63	-10.00	100.00	
15	2.66	86.09	-10.00	132.37	-10.00	100.00	
20	3.25	81.09	-10.00	122.93	-10.00	100.00	
25	3.44	76.09	-10.00	119.59	-10.00	100.00	
30	3.73	71.09	-10.00	114.73	-10.00	100.00	
35	4.30	66.09	-10.00	106.50	-10.00	100.00	
40	4.54	61.09	-10.00	103.56	-10.00	100.00	
45	4.72	56.09	-10.00	101.38	-10.00	100.00	
50	4.28	51.09	-10.00	106.72	-10.00	100.00	
55	4.40	46.09	-9.59	106.68	-9.59	100.00	
60	4.19	41.09	-8.34	113.76	-8.34	100.00	
65	4.05	36.10	-6.94	120.76	-6.94	100.00	
70	3.79	31.11	-5.32	129.82	-5.32	100.00	
75	3.84	26.12	-3.42	136.79	-3.42	100.00	
80	3.71	21.14	-1.13	150.49	-1.13	100.00	
85	3.61	16.16	1.79	171.43	1.79	100.00	
90	3.37	11.23	5.74	197.47	5.74	108.71	
95	3.65	6.28	12.05	221.89	12.05	126.82	
100	3.57	1.96	24.69	631.69	24.69	409.21	
105	3.35	4.19	16.43	341.97	16.43	202.86	
110	3.33	8.02	9.39	213.83	9.39	122.57	
115	3.33	11.78	5.22	195.76	5.22	107.49	
120	3.82	15.13	2.50	170.59	2.50	100.00	
125	2.97	19.29	-0.13	176.39	-0.13	100.00	
130	2.97	22.77	-1.93	163.91	-1.93	100.00	
135	3.02	26.06	-3.40	154.44	-3.40	100.00	
140	1.90	30.06	-4.95	178.09	-4.95	100.00	
145	1.67	33.21	-6.03	179.58	-6.03	102.00	
150	1.47	36.11	-6.94	181.38	-6.94	104.29	
155	0.00	39.77	-7.99	240.39	-7.99	163.49	
160	0.00	41.93	-8.56	237.76	-8.56	159.82	
165	0.00	43.69	-9.01	235.75	-9.01	158.16	
170	0.00	45.00	-9.33	234.32	-9.33	156.99	
175	0.00	45.80	-9.52	233.47	-9.52	156.28	
180	0.00	46.08	-9.59	233.18	-9.59	156.05	
185	0.00	45.80	-9.52	233.47	-9.52	156.28	

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Antenna Centerline (AGL)		4.88 m / 16.0 ft			
Antenna Model		Andrew 7.6 Meter			
Antenna Mode		Receive 11.0 GHz		Transmit 14.0 GHz	
Interference Objectives: Long Term		-156.0 dBW/MHz	20%	-151.0 dBW/4 kHz	20%
	Short Term	-146.0 dBW/MHz	0.01%	-128.0 dBW/4 kHz	0.0025%
Max Available RF Power		0.0 (dBW/4 kHz)			

Azimuth (°)	Horizon Elevation (°)	Antenna Discrimination (°)	Receive 11.0 GHz		Transmit 14.0 GHz		Coordination Distance (km)
			Horizon Gain (dBi)	Coordination Distance (km)	Horizon Gain (dBi)	Coordination Distance (km)	
190	0.00	45.00	-9.33	234.32	-9.33		156.99
195	0.00	43.69	-9.01	235.75	-9.01		158.16
200	0.00	41.93	-8.56	237.76	-8.56		159.82
205	0.00	39.77	-7.99	240.39	-7.99		163.49
210	0.00	37.27	-7.28	243.66	-7.28		166.17
215	0.00	34.48	-6.44	247.79	-6.44		169.38
220	0.54	31.06	-5.30	222.12	-5.30		140.18
225	0.00	28.22	-4.26	258.46	-4.26		177.65
230	0.00	24.83	-2.87	265.56	-2.87		182.93
235	0.00	21.31	-1.21	274.31	-1.21		189.24
240	0.00	17.67	0.82	285.43	0.82		196.96
245	0.00	13.96	3.38	297.13	3.38		205.90
250	0.00	10.17	6.82	319.87	6.82		219.75
255	0.55	6.23	12.14	397.02	12.14		253.33
260	0.00	5.89	12.74	604.59	12.74		390.71
265	0.00	8.64	8.59	333.19	8.59		227.20
270	0.00	12.82	4.31	302.84	4.31		209.54
275	0.00	17.43	0.97	286.26	0.97		197.53
280	0.78	22.03	-1.57	227.17	-1.57		141.15
285	0.50	26.97	-3.77	231.09	-3.77		147.34
290	0.30	31.91	-5.60	241.38	-5.60		160.24
295	0.00	36.88	-7.17	244.33	-7.17		166.61
300	0.00	41.82	-8.53	237.90	-8.53		159.93
305	0.00	46.77	-9.75	232.47	-9.75		155.47
310	0.00	51.72	-10.00	231.37	-10.00		154.56
315	0.00	56.69	-10.00	231.37	-10.00		154.56
320	0.00	61.65	-10.00	231.37	-10.00		154.56
325	0.00	66.62	-10.00	231.37	-10.00		154.56
330	0.00	71.59	-10.00	231.37	-10.00		154.56
335	0.00	76.57	-10.00	231.37	-10.00		154.56
340	0.29	81.54	-10.00	222.91	-10.00		145.80
345	0.55	86.51	-10.00	204.38	-10.00		126.80
350	0.75	91.49	-10.00	194.71	-10.00		118.07
355	1.26	96.48	-10.00	173.21	-10.00		100.84