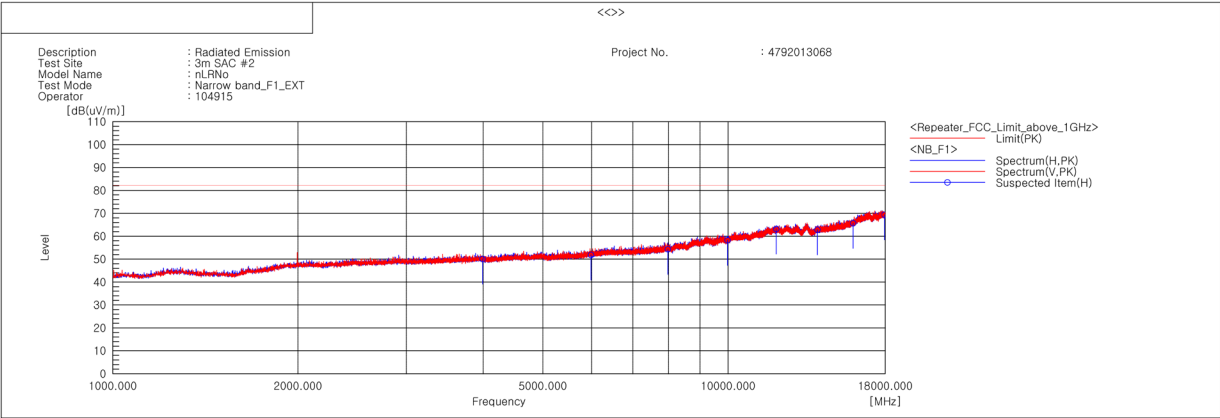


SPURIOUS EMISSIONS (AWS-2&-4 External Antenna)



Spectrum Selection

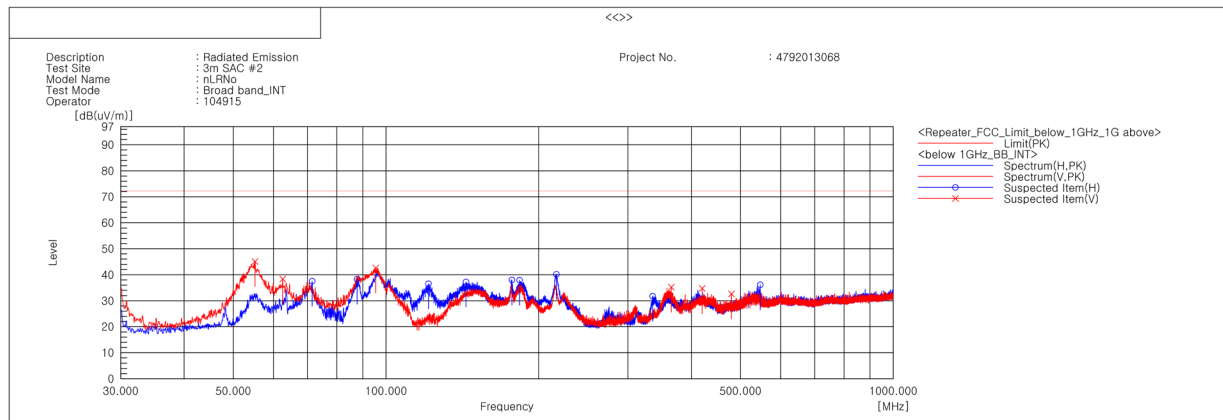
Horizontal Polarization		Polarization																			
No.	Frequency	Reading	c.f	Result	Limit	Margin	Height	Angle	Remark												
	[MHz]	[dB(uV)]	[dB(1/m)]	[dB(uV/m)]	[dB(uV/m)]	[dB]	[cm]	[deg]													
1	3990.300	42.5	7.6	50.1	82.2	32.1	299.9	311.1													
2	5985.250	39.4	12.4	51.8	82.2	30.4	149.7	293.2													
3	7981.049	37.8	16.5	54.3	82.2	27.9	299.9	205.4													
4	9975.999	37.9	20.4	58.3	82.2	23.9	149.7	219.1													
5	11971.800	39.5	23.6	63.1	82.2	19.1	199.6	285.9													
6	13967.600	38.6	24.3	62.9	82.2	19.3	199.6	129.4													
7	15962.550	38.1	27.6	65.7	82.2	16.5	149.7	301.3													
8	17957.500	39.0	30.4	69.4	82.2	12.8	199.6	59.8													

Supplementary information:

- c.f = Antenna Factor(dB/m) + Cableloss(dB) - Amp gain(dB)
- Measured distance: 3m

9.1.2. RADIATED SPURIOUS TEST RESULTS (BELOW 1GHz)

SPURIOUS EMISSIONS (Broadband PCS Internal Antenna)



Spectrum Selection

Horizontal Polarization		Reading		c.f		Result		Limit		Margin		Height		Angle		Remark	
No.	Frequency [MHz]	[dB(uV)]	[dB(1/m)]	[dB(uV/m)]	[dB(uV/m)]	[dB]	[cm]	[deg]									
1	71.550	49.8	-12.3	37.5	72.2	34.7	199.8	153.9									
2	87.750	50.6	-12.2	38.4	72.2	33.8	299.7	84.7									
3	121.250	47.9	-11.4	36.5	72.2	35.7	199.8	347.7									
4	143.800	50.3	-13.0	37.3	72.2	34.9	199.8	176.8									
5	177.100	49.5	-11.5	38.0	72.2	34.2	99.8	53.9									
6	183.400	48.8	-10.9	37.9	72.2	34.3	99.8	216.0									
7	216.650	49.4	-9.2	40.2	72.2	32.0	99.8	216.0									
8	335.400	36.6	-4.8	31.8	72.2	40.4	99.8	226.1									
9	546.650	37.0	-0.9	36.1	72.2	36.1	199.8	132.7									

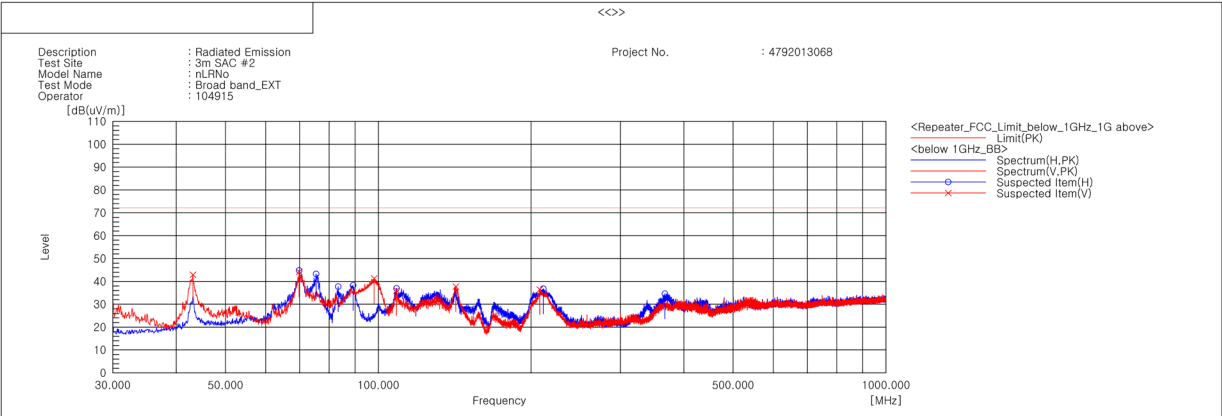
Vertical Polarization		Reading		c.f		Result		Limit		Margin		Height		Angle		Remark	
No.	Frequency [MHz]	[dB(uV)]	[dB(1/m)]	[dB(uV/m)]	[dB(uV/m)]	[dB]	[cm]	[deg]									
1	55.200	52.8	-7.7	45.1	72.2	27.1	99.8	0.6									
2	62.600	47.6	-9.2	38.4	72.2	33.8	99.8	59.1									
3	95.500	52.9	-10.2	42.7	72.2	29.5	99.8	224.4									
4	365.000	39.9	-4.7	35.2	72.2	37.0	99.8	79.0									
5	420.000	37.9	-3.1	34.8	72.2	37.4	99.8	131.9									
6	480.000	34.6	-2.0	32.6	72.2	39.6	99.8	125.2									

Supplementary information:

- c.f = Antenna Factor(dB/m) + Cableloss(dB) - Amp gain(dB)

- Measured distance: 3m

SPURIOUS EMISSIONS (Broadband PCS External Antenna)



Spectrum Selection

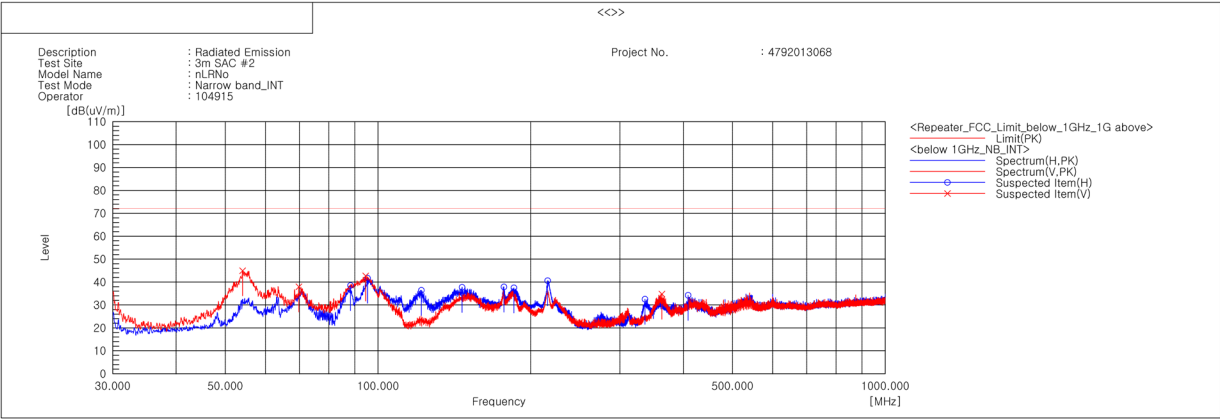
--- Horizontal Polarization ---									
No.	Frequency	Reading	c.f	Result	Limit	Margin	Height	Angle	Remark
	[MHz]	[dB(uV)]	[dB(1/m)]	PK [dB(uV/m)]	PK [dB(uV/m)]	PK [dB]	[cm]	[deg]	
1	69.800	56.4	-11.6	44.8	72.2	27.4	99.8	67.8	
2	75.450	56.8	-13.6	43.2	72.2	29.0	200.2	186.1	
3	83.400	51.4	-13.7	37.7	72.2	34.5	300.3	272.7	
4	89.250	49.8	-11.6	38.2	72.2	34.0	300.3	279.0	
5	108.650	46.4	-9.4	37.0	72.2	35.2	200.2	190.3	
6	211.350	46.2	-9.4	36.8	72.2	35.4	99.8	67.8	
7	366.800	39.2	-4.6	34.6	72.2	37.6	99.8	79.6	

--- Vertical Polarization ---									
No.	Frequency	Reading	c.f	Result	Limit	Margin	Height	Angle	Remark
	[MHz]	[dB(uV)]	[dB(1/m)]	PK [dB(uV/m)]	PK [dB(uV/m)]	PK [dB]	[cm]	[deg]	
1	43.150	50.9	-8.0	42.9	72.2	29.3	99.8	347.7	
2	69.800	55.8	-11.6	44.2	72.2	28.0	99.8	174.9	
3	98.100	51.3	-10.0	41.3	72.2	30.9	99.8	57.7	
4	108.650	45.5	-9.4	36.1	72.2	36.1	99.8	62.8	
5	142.150	50.6	-12.9	37.7	72.2	34.5	99.8	202.0	
6	208.000	46.0	-9.5	36.5	72.2	35.7	199.8	239.9	

Supplementary information:

- c.f = Antenna Factor(dB/m) + Cableloss(dB) - Amp gain(dB)
- Measured distance: 3m

SPURIOUS EMISSIONS (AWS-2&-4 Internal Antenna)



Spectrum Selection

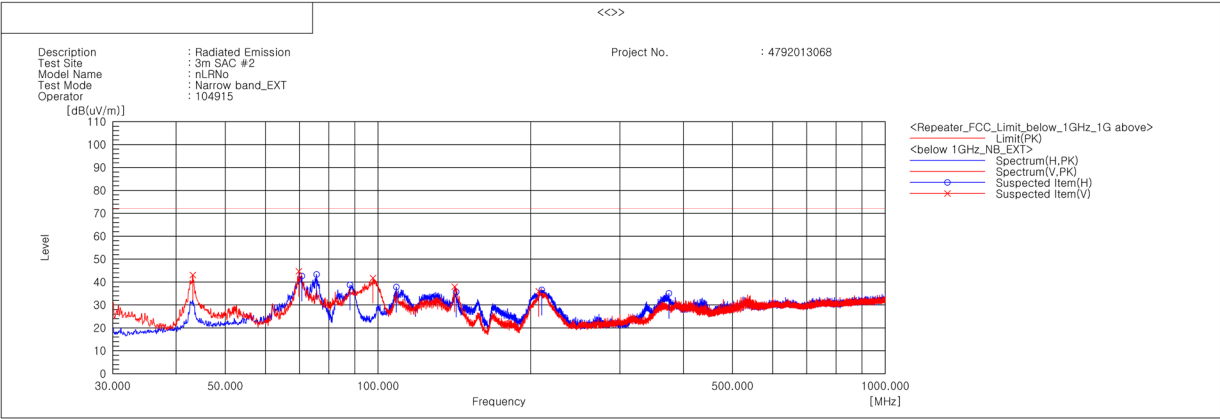
--- Horizontal Polarization ---									
No.	Frequency	Reading	c.f	Result	Limit	Margin	Height	Angle	Remark
	[MHz]	[dB(uV)]	[dB(1/m)]	PK [dB(uV/m)]	PK [dB(uV/m)]	PK [dB]	[cm]	[deg]	
1	88.250	50.5	-12.0	38.5	72.2	33.7	299.8	101.9	
2	95.400	51.9	-10.2	41.7	72.2	30.5	299.8	159.2	
3	121.800	47.8	-11.4	36.4	72.2	35.8	199.9	0.5	
4	146.500	50.6	-12.9	37.7	72.2	34.5	199.9	183.0	
5	177.100	49.4	-11.5	37.9	72.2	34.3	99.8	48.6	
6	185.400	48.2	-10.7	37.5	72.2	34.7	99.8	207.2	
7	215.950	49.8	-9.2	40.6	72.2	31.6	99.8	207.2	
8	336.000	37.3	-4.8	32.5	72.2	39.7	99.8	207.2	
9	408.700	37.3	-3.1	34.2	72.2	38.0	99.8	172.0	

--- Vertical Polarization ---									
No.	Frequency	Reading	c.f	Result	Limit	Margin	Height	Angle	Remark
	[MHz]	[dB(uV)]	[dB(1/m)]	PK [dB(uV/m)]	PK [dB(uV/m)]	PK [dB]	[cm]	[deg]	
1	54.100	52.5	-7.6	44.9	72.2	27.3	99.8	27.2	
2	69.800	49.6	-11.6	38.0	72.2	34.2	400.2	261.6	
3	94.550	52.9	-10.2	42.7	72.2	29.5	99.8	119.6	
4	362.850	39.8	-5.0	34.8	72.2	37.4	99.8	69.9	

Supplementary information:

- c.f = Antenna Factor(dB/m) + Cableloss(dB) - Amp gain(dB)
- Measured distance: 3m

SPURIOUS EMISSIONS (AWS-2&-4 External Antenna)



Spectrum Selection

--- Horizontal Polarization ---									
No.	Frequency	Reading	c.f	Result	Limit	Margin	Height	Angle	Remark
	[MHz]	[dB(uV)]	[dB(1/m)]	PK [dB(uV/m)]	PK [dB(uV/m)]	PK [dB]	[cm]	[deg]	
1	70.800	54.7	-12.0	42.7	72.2	29.5	400.2	80.0	
2	75.700	56.9	-13.6	43.3	72.2	28.9	200.2	162.7	
3	88.050	50.8	-12.1	38.7	72.2	33.5	300.1	271.2	
4	108.700	47.2	-9.4	37.8	72.2	34.4	200.2	194.0	
5	142.600	48.7	-13.0	35.7	72.2	36.5	300.1	147.0	
6	210.350	46.1	-9.5	36.6	72.2	35.6	99.8	68.0	
7	374.600	39.4	-4.3	35.1	72.2	37.1	99.8	85.6	

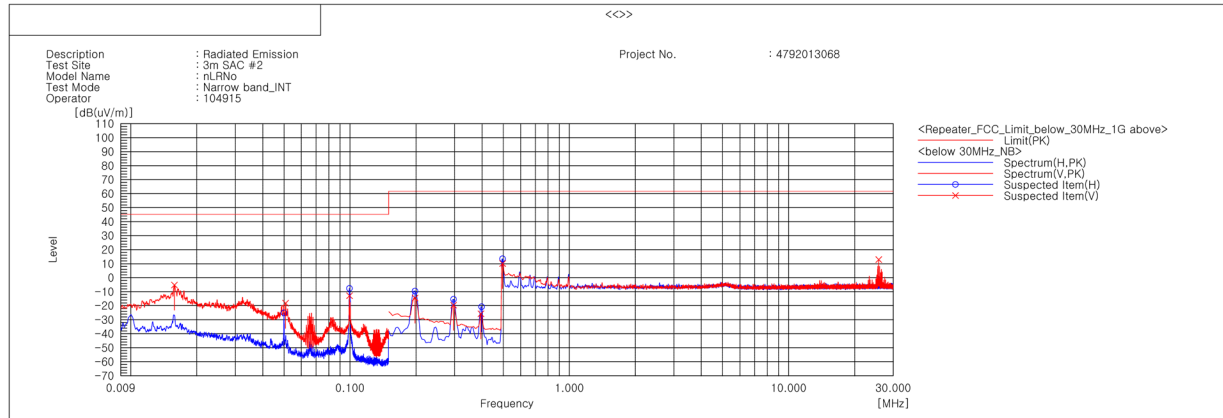
--- Vertical Polarization ---									
No.	Frequency	Reading	c.f	Result	Limit	Margin	Height	Angle	Remark
	[MHz]	[dB(uV)]	[dB(1/m)]	PK [dB(uV/m)]	PK [dB(uV/m)]	PK [dB]	[cm]	[deg]	
1	43.150	51.1	-8.0	43.1	72.2	29.1	99.8	301.3	
2	69.800	56.3	-11.6	44.7	72.2	27.5	99.8	200.7	
3	97.750	51.8	-10.0	41.8	72.2	30.4	99.8	301.3	
4	141.600	50.9	-12.9	38.0	72.2	34.2	99.8	239.7	
5	207.500	45.4	-9.5	35.9	72.2	36.3	199.7	227.4	

Supplementary information:

- c.f = Antenna Factor(dB/m) + Cableloss(dB) - Amp gain(dB)
- Measured distance: 3m

9.1.3. RADIATED SPURIOUS TEST RESULTS (BELOW 30MHz)

SPURIOUS EMISSIONS (Broadband PCS Internal Antenna)



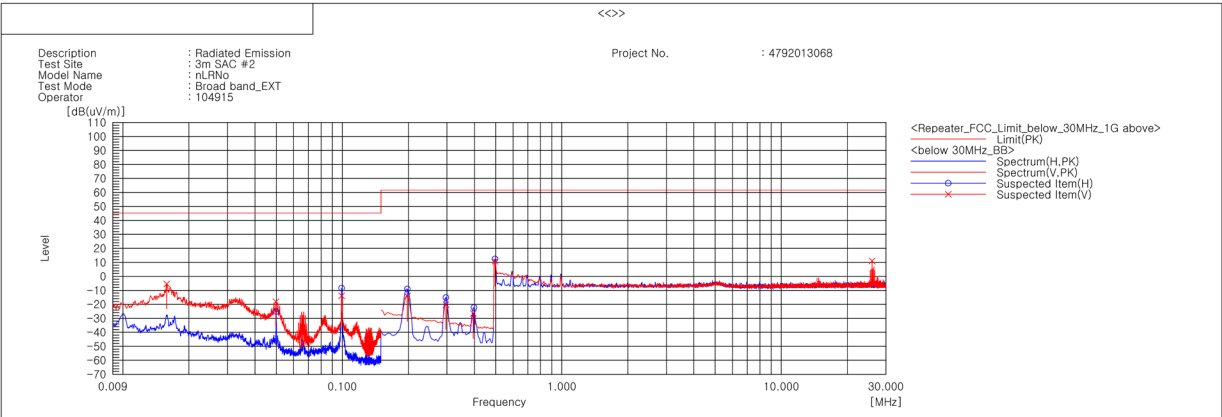
Spectrum Selection

--- Horizontal Polarization ---									
No.	Frequency	Reading	c.f	Result	Limit	Margin	Height	Angle	Remark
	[MHz]	[dB(uV)]	[dB(1/m)]	[dB(uV/m)]	[dB(uV/m)]	[dB]	[cm]	[deg]	
1	0.050	35.0	-60.0	-25.0	45.2	70.2	99.8	108.4	
2	0.099	53.4	-61.0	-7.6	45.2	52.8	99.8	188.1	
3	0.198	52.6	-62.1	-9.5	61.8	71.3	99.8	199.8	
4	0.296	47.0	-62.4	-15.4	61.8	77.2	99.8	193.4	
5	0.398	40.8	-61.6	-20.8	61.8	82.6	99.8	197.1	
6	0.496	32.9	-19.3	13.6	61.8	48.2	99.8	211.9	
--- Vertical Polarization ---									
No.	Frequency	Reading	c.f	Result	Limit	Margin	Height	Angle	Remark
	[MHz]	[dB(uV)]	[dB(1/m)]	[dB(uV/m)]	[dB(uV/m)]	[dB]	[cm]	[deg]	
1	0.016	55.1	-60.3	-5.2	45.2	50.4	99.8	225.2	
2	0.051	41.9	-60.0	-18.2	45.2	63.4	99.8	341.0	
3	0.099	48.2	-61.0	-12.8	45.2	58.0	99.8	235.4	
4	0.198	47.6	-62.1	-14.5	61.8	76.3	99.8	138.0	
5	0.296	42.8	-62.4	-19.6	61.8	81.4	99.8	142.8	
6	0.395	35.9	-61.6	-25.7	61.8	87.5	99.8	153.0	
7	0.496	29.5	-19.3	10.2	61.8	51.6	99.8	139.2	
8	25.734	31.4	-18.3	13.1	61.8	48.7	99.8	191.1	

Supplementary information:

- c.f = Antenna Factor(dB/m) + Cableloss(dB) - Amp gain(dB)
- Measured distance: 3m

SPURIOUS EMISSIONS (Broadband PCS External Antenna)

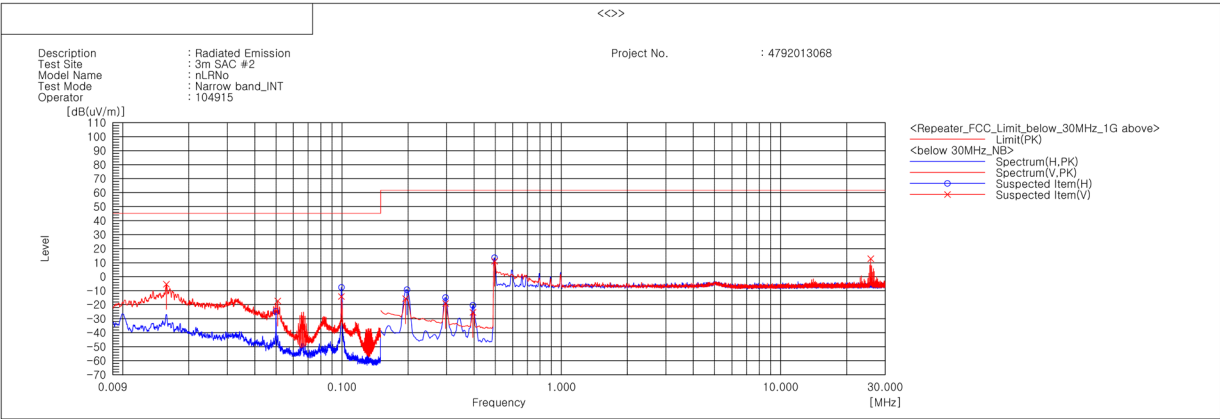


Spectrum Selection

--- Horizontal Polarization ---									
No.	Frequency	Reading	c.f	Result	Limit	Margin	Height	Angle	Remark
	[MHz]	[dB(uV)]	[dB(1/m)]	PK	PK	PK	[cm]	[deg]	
1	0.050	34.9	-60.0	-25.1	45.2	70.3	99.8	121.7	
2	0.099	52.6	-61.0	-8.4	45.2	53.6	99.8	188.3	
3	0.198	53.0	-62.1	-9.1	61.8	70.9	99.8	187.0	
4	0.296	47.2	-62.4	-15.2	61.8	77.0	99.8	179.6	
5	0.398	39.3	-61.6	-22.3	61.8	84.1	99.8	185.0	
6	0.496	31.8	-19.3	12.5	61.8	49.3	99.8	185.0	
--- Vertical Polarization ---									
No.	Frequency	Reading	c.f	Result	Limit	Margin	Height	Angle	Remark
	[MHz]	[dB(uV)]	[dB(1/m)]	PK	PK	PK	[cm]	[deg]	
1	0.016	55.0	-60.3	-5.3	45.2	50.5	99.8	66.2	
2	0.050	42.0	-60.0	-18.0	45.2	63.2	99.8	88.4	
3	0.099	47.1	-61.0	-13.9	45.2	59.1	99.8	229.3	
4	0.198	48.0	-62.1	-14.1	61.8	75.9	99.8	133.2	
5	0.296	42.3	-62.4	-20.1	61.8	81.9	99.8	148.2	
6	0.395	35.1	-61.6	-26.5	61.8	88.3	99.8	138.1	
7	0.496	30.1	-19.3	10.8	61.8	51.0	99.8	143.7	
8	25.946	29.3	-18.3	11.0	61.8	50.8	99.8	119.4	

Supplementary information:
- c.f = Antenna Factor(dB/m) + Cableloss(dB) - Amp gain(dB)
- Measured distance: 3m

SPURIOUS EMISSIONS (AWS-2&-4 Internal Antenna)

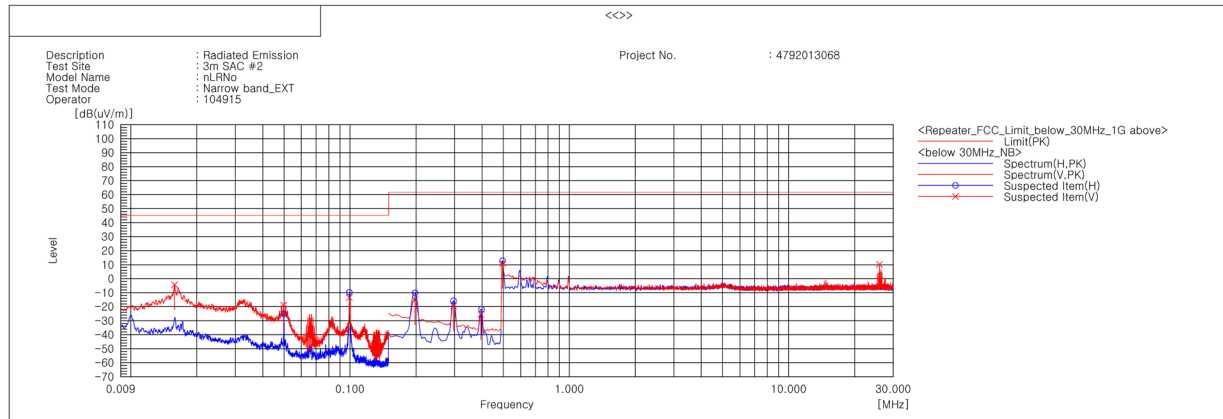


Spectrum Selection

--- Horizontal Polarization ---									
No.	Frequency	Reading	c.f	Result	Limit	Margin	Height	Angle	Remark
	[MHz]	[dB(uV)]	[dB(1/m)]	PK [dB(uV/m)]	PK [dB(uV/m)]	PK [dB]	[cm]	[deg]	
1	0.050	35.2	-60.0	-24.8	45.2	70.0	99.8	106.7	
2	0.099	53.4	-61.0	-7.6	45.2	52.8	99.8	182.5	
3	0.198	52.8	-62.1	-9.3	61.8	71.1	99.8	197.4	
4	0.296	47.5	-62.4	-14.9	61.8	76.7	99.8	206.1	
5	0.395	41.1	-61.6	-20.5	61.8	82.3	99.8	195.0	
6	0.496	32.8	-19.3	13.5	61.8	48.3	99.8	195.0	
--- Vertical Polarization ---									
No.	Frequency	Reading	c.f	Result	Limit	Margin	Height	Angle	Remark
	[MHz]	[dB(uV)]	[dB(1/m)]	PK [dB(uV/m)]	PK [dB(uV/m)]	PK [dB]	[cm]	[deg]	
1	0.016	55.0	-60.3	-5.3	45.2	50.5	99.8	68.2	
2	0.051	42.7	-60.0	-17.3	45.2	62.5	99.8	1.8	
3	0.099	46.9	-61.0	-14.1	45.2	59.3	99.8	223.9	
4	0.195	46.5	-62.1	-15.6	61.8	77.4	99.8	146.4	
5	0.296	43.3	-62.4	-19.1	61.8	80.9	99.8	146.4	
6	0.395	36.1	-61.6	-25.5	61.8	87.3	99.8	161.3	
7	0.496	30.3	-19.3	11.0	61.8	50.8	99.8	131.4	
8	25.746	31.2	-18.3	12.9	61.8	48.9	99.8	192.1	

Supplementary information:
- c.f = Antenna Factor(dB/m) + Cableloss(dB) - Amp gain(dB)
- Measured distance: 3m

SPURIOUS EMISSIONS (AWS-2&-4 External Antenna)



Spectrum Selection

--- Horizontal Polarization ---									
No.	Frequency	Reading	c.f	Result	Limit	Margin	Height	Angle	Remark
	[MHz]	[dB(uV)]	[dB(1/m)]	PK [dB(uV/m)]	PK [dB(uV/m)]	PK [dB]	[cm]	[deg]	
1	0.050	35.0	-60.0	-25.0	45.2	70.2	99.8	103.7	
2	0.099	51.4	-61.0	-9.6	45.2	54.8	99.8	195.1	
3	0.198	51.9	-62.1	-10.2	61.8	72.0	99.8	200.7	
4	0.296	46.6	-62.4	-15.8	61.8	77.6	99.8	193.2	
5	0.398	39.8	-61.6	-21.8	61.8	83.6	99.8	211.8	
6	0.496	32.0	-19.3	12.7	61.8	49.1	99.8	211.8	

--- Vertical Polarization ---									
No.	Frequency	Reading	c.f	Result	Limit	Margin	Height	Angle	Remark
	[MHz]	[dB(uV)]	[dB(1/m)]	PK [dB(uV/m)]	PK [dB(uV/m)]	PK [dB]	[cm]	[deg]	
1	0.016	56.1	-60.3	-4.2	45.2	49.4	99.8	76.8	
2	0.050	41.2	-60.0	-18.8	45.2	64.0	99.8	200.6	
3	0.099	47.5	-61.0	-13.5	45.2	58.7	99.8	124.0	
4	0.198	47.2	-62.1	-14.9	61.8	76.7	99.8	239.8	
5	0.296	42.9	-62.4	-19.5	61.8	81.3	99.8	156.2	
6	0.395	36.1	-61.6	-25.5	61.8	87.3	99.8	145.0	
7	0.496	30.4	-19.3	11.1	61.8	50.7	99.8	173.0	
8	25.949	28.6	-18.3	10.3	61.8	51.5	99.8	108.0	

Supplementary information:

- c.f = Antenna Factor(dB/m) + Cableloss(dB) - Amp gain(dB)
- Measured distance: 3m

END OF REPORT