

# DATA OF CONDUCTED EMISSION TEST

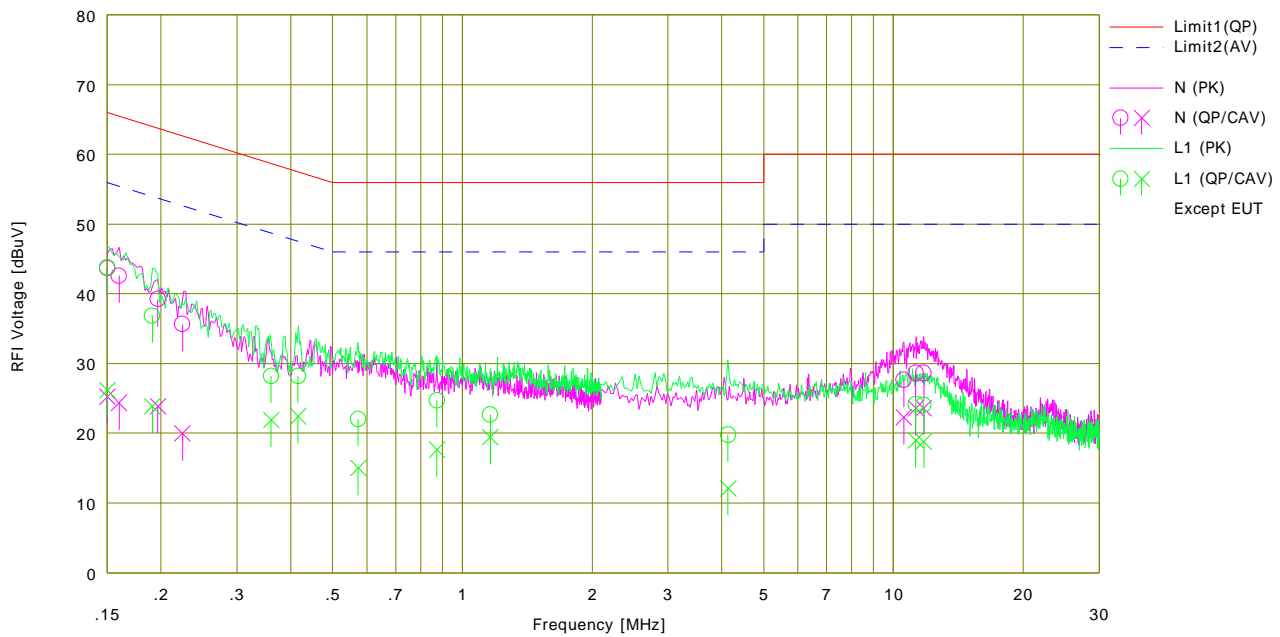
UL Japan, Inc. Shonan EMC Lab. No.1 Shielded Room  
Date : 2019/03/18

Company : Foster Electric Company, Limited  
 Kind of EUT : Bluetooth Headphone  
 Model No. : MB WHP 1  
 Serial No. : 15  
 Remarks : -

Mode : Analog Audio In + Charge  
 Order No. : 12652966S  
 Power : AC 120 V / 60 Hz  
 Temp./Humi. : 23 deg.C / 39 %RH

Limit : FCC\_Part 15 Subpart B(15.107)\_Class B

Engineer : Yusuke Ohnuma



No.	Freq. [MHz]	Reading		C.Fac [dB]	Results		Limit		Margin		Phase	Comment
		<QP> [dBuV]	<CAV> [dBuV]		<QP> [dBuV]	<CAV> [dBuV]	<QP> [dBuV]	<AV> [dBuV]	<QP> [dB]	<AV> [dB]		
1	0.15000	30.55	12.19	13.08	43.63	25.27	66.00	56.00	22.3	30.7	N	
2	0.15975	29.49	11.28	13.08	42.57	24.36	65.48	55.48	22.9	31.1	N	
3	0.19671	26.12	10.79	13.09	39.21	23.88	63.75	53.75	24.5	29.8	N	
4	0.22429	22.54	6.86	13.09	35.63	19.95	62.66	52.66	27.0	32.7	N	
5	10.58258	13.79	8.42	13.84	27.63	22.26	60.00	50.00	32.3	27.7	N	
6	11.27639	14.72	9.69	13.88	28.60	23.57	60.00	50.00	31.4	26.4	N	
7	11.75426	14.70	9.72	13.90	28.60	23.62	60.00	50.00	31.4	26.3	N	
8	0.15000	30.67	13.07	13.08	43.75	26.15	66.00	56.00	22.2	29.8	L1	
9	0.19112	23.78	10.78	13.08	36.86	23.86	63.99	53.99	27.1	30.1	L1	
10	0.35991	15.09	8.81	13.10	28.19	21.91	58.73	48.73	30.5	26.8	L1	
11	0.41563	15.10	9.33	13.11	28.21	22.44	57.54	47.54	29.3	25.1	L1	
12	0.57314	8.91	1.85	13.14	22.05	14.99	56.00	46.00	33.9	31.0	L1	
13	0.87354	11.56	4.48	13.16	24.72	17.64	56.00	46.00	31.2	28.3	L1	
14	1.16181	9.48	6.23	13.19	22.67	19.42	56.00	46.00	33.3	26.5	L1	
15	4.13685	6.37	-1.31	13.40	19.77	12.09	56.00	46.00	36.2	33.9	L1	
16	11.27639	10.23	5.07	13.88	24.11	18.95	60.00	50.00	35.8	31.0	L1	
17	11.75426	10.12	4.89	13.90	24.02	18.79	60.00	50.00	35.9	31.2	L1	

# DATA OF CONDUCTED EMISSION TEST

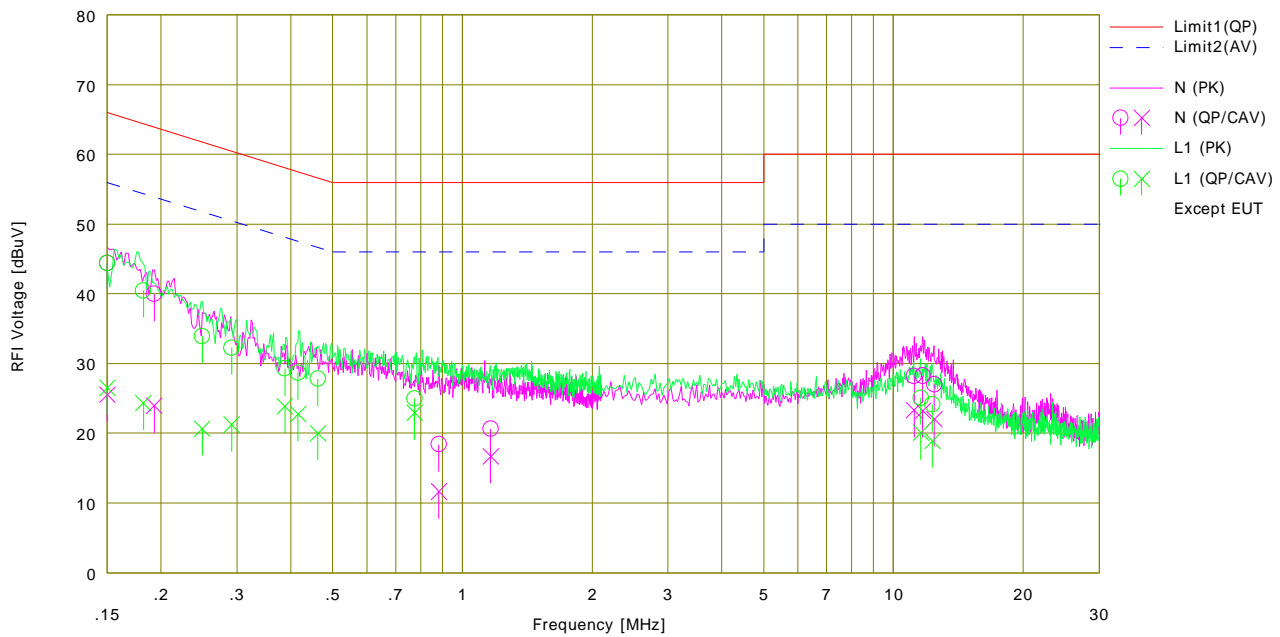
UL Japan, Inc. Shonan EMC Lab. No.1 Shielded Room  
Date : 2019/03/18

Company : Foster Electric Company, Limited  
 Kind of EUT : Bluetooth Headphone  
 Model No. : MB WHP 1  
 Serial No. : 15  
 Remarks : -

Mode : BT Communication + Charge  
 Order No. : 12652966S  
 Power : AC 120 V / 60 Hz  
 Temp./Humi. : 23 deg.C / 39 %RH

Limit : FCC\_Part 15 Subpart B(15.107)\_Class B

Engineer : Yusuke Ohnuma



No.	Freq. [MHz]	Reading		C.Fac [dB]	Results		Limit		Margin		Phase	Comment
		<QP> [dBuV]	<CAV> [dBuV]		<QP> [dBuV]	<CAV> [dBuV]	<QP> [dB]	<AV> [dB]	<QP> [dB]	<AV> [dB]		
1	0.15000	31.31	12.45	13.08	44.39	25.53	66.00	56.00	21.6	30.4	N	
2	0.19291	26.89	10.86	13.08	39.97	23.94	63.91	53.91	23.9	29.9	N	
3	0.88237	5.23	-1.50	13.16	18.39	11.66	56.00	46.00	37.6	34.3	N	
4	1.16378	7.42	3.49	13.19	20.61	16.68	56.00	46.00	35.3	29.3	N	
5	11.16841	14.28	9.42	13.87	28.15	23.29	60.00	50.00	31.8	26.7	N	
6	11.70804	14.33	9.34	13.90	28.23	23.24	60.00	50.00	31.7	26.7	N	
7	12.43761	13.06	8.06	13.94	27.00	22.00	60.00	50.00	33.0	28.0	N	
8	0.15000	31.31	13.45	13.08	44.39	26.53	66.00	56.00	21.6	29.4	L1	
9	0.18197	27.37	11.26	13.08	40.45	24.34	64.40	54.40	23.9	30.0	L1	
10	0.24945	20.81	7.56	13.09	33.90	20.65	61.78	51.78	27.8	31.1	L1	
11	0.29192	19.16	8.14	13.10	32.26	21.24	60.47	50.47	28.2	29.2	L1	
12	0.38745	16.18	10.78	13.11	29.29	23.89	58.12	48.12	28.8	24.2	L1	
13	0.41598	15.56	9.62	13.11	28.67	22.73	57.53	47.53	28.8	24.8	L1	
14	0.46243	14.70	6.89	13.12	27.82	20.01	56.65	46.65	28.8	26.6	L1	
15	0.77461	11.81	9.76	13.15	24.96	22.91	56.00	46.00	31.0	23.0	L1	
16	11.58208	11.19	6.18	13.89	25.08	20.07	60.00	50.00	34.9	29.9	L1	
17	12.30460	10.21	4.98	13.93	24.14	18.91	60.00	50.00	35.8	31.0	L1	

Calculation: Result[dBuV]=Reading[dBuV]+C.Fac(LISN(AMN)+Cable+ATT)[dB]  
 LISN(AMN)=SLS-02

# DATA OF CONDUCTED EMISSION TEST

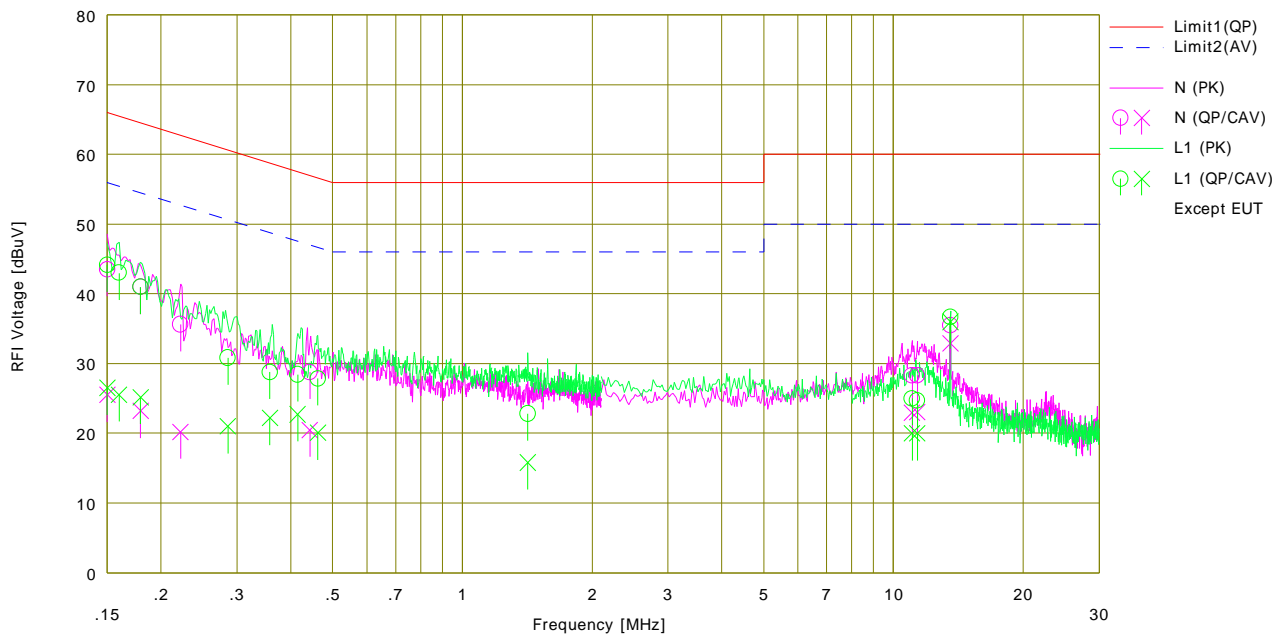
UL Japan, Inc. Shonan EMC Lab. No.1 Shielded Room  
Date : 2019/03/18

Company : Foster Electric Company, Limited  
 Kind of EUT : Bluetooth Headphone  
 Model No. : MB WHP 1  
 Serial No. : 15  
 Remarks : -

Mode : NFC + Charge + BT Standby  
 Order No. : 12652966S  
 Power : AC 120 V / 60 Hz  
 Temp./Humi. : 23 deg.C / 39 %RH

Limit : FCC\_Part 15 Subpart B(15.107)\_Class B

Engineer : Yusuke Ohnuma



No.	Freq. [MHz]	Reading		C.Fac [dB]	Results		Limit		Margin		Phase	Comment
		<QP> [dBuV]	<CAV> [dBuV]		<QP> [dBuV]	<CAV> [dBuV]	<QP> [dBuV]	<AV> [dBuV]	<QP> [dB]	<AV> [dB]		
1	0.15000	30.41	12.43	13.08	43.49	25.51	66.00	56.00	22.5	30.4	N	
2	0.17925	27.89	10.11	13.08	40.97	23.19	64.52	54.52	23.5	31.3	N	
3	0.22215	22.51	7.09	13.09	35.60	20.18	62.74	52.74	27.1	32.5	N	
4	0.44272	15.67	7.37	13.11	28.78	20.48	57.01	47.01	28.2	26.5	N	
5	11.05617	14.42	9.09	13.87	28.29	22.96	60.00	50.00	31.7	27.0	N	
6	11.36744	14.43	9.16	13.88	28.31	23.04	60.00	50.00	31.6	26.9	N	
7	13.55951	21.43	18.89	14.00	35.43	32.89	60.00	50.00	24.5	17.1	N	
8	0.15001	31.08	13.41	13.08	44.16	26.49	66.00	56.00	21.8	29.5	L1	
9	0.15975	29.91	12.45	13.08	42.99	25.53	65.48	55.48	22.4	29.9	L1	
10	0.17925	27.89	12.08	13.08	40.97	25.16	64.52	54.52	23.5	29.3	L1	
11	0.28614	17.71	7.89	13.10	30.81	20.99	60.64	50.64	29.8	29.6	L1	
12	0.35795	15.67	9.11	13.10	28.77	22.21	58.78	48.78	30.0	26.5	L1	
13	0.41527	15.30	9.59	13.11	28.41	22.70	57.54	47.54	29.1	24.8	L1	
14	0.46200	14.71	6.93	13.12	27.83	20.05	56.66	46.66	28.8	26.6	L1	
15	1.41945	9.60	2.60	13.20	22.80	15.80	56.00	46.00	33.2	30.2	L1	
16	11.05617	11.10	6.09	13.87	24.97	19.96	60.00	50.00	35.0	30.0	L1	
17	11.36744	10.79	6.08	13.88	24.67	19.96	60.00	50.00	35.3	30.0	L1	
18	13.55939	22.69	21.97	14.00	36.69	35.97	60.00	50.00	23.3	14.0	L1	

Calculation: Result[dBuV]=Reading[dBuV]+C.Fac(LISN(AMN)+Cable+ATT)[dB]  
 LISN(AMN)=SLS-02

# DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.2 Semi-Anechoic Chamber

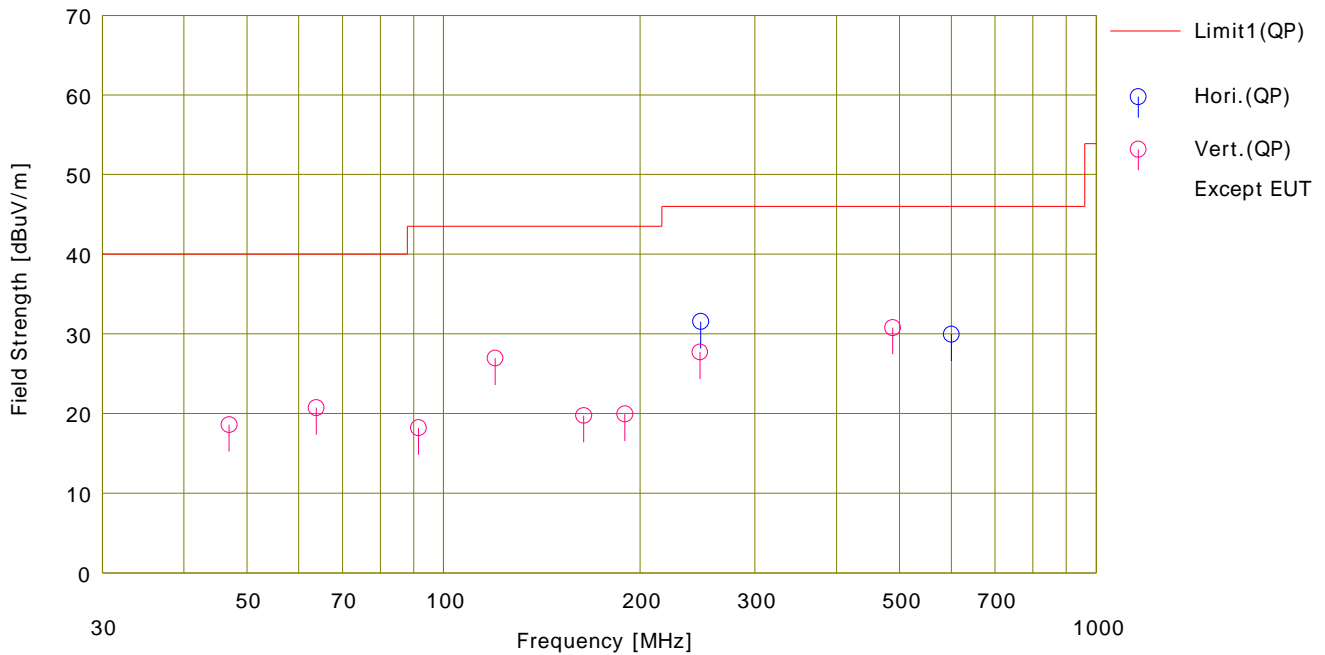
Date : 2019/03/14

Company : Foster Electric Company, Limited  
 Kind of EUT : Bluetooth Headphone  
 Model No. : MB WHP 1  
 Serial No. : 15  
 Remarks : EUT Axis Hor:X, Ver:X

Mode : Analog Audio In + Charge  
 Order No. : 12652966S  
 Power : AC 120 V / 60 Hz  
 Temp./Humi. : 23 deg.C / 33 %RH

Limit : FCC\_Part 15 Subpart B(15.109)\_Class B

Engineer : Yohsuke Matsuzawa



No.	Freq. [MHz]	Reading	Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	S.Fac [dB]	Result	Limit	Margin	Pola. [H/V]	Height [cm]	Angle [deg]	Ant. Type	Comment
		<QP>					<QP>	<QP>	[dBuV/m]					
1	247.927	45.80	11.68	5.79	31.73	0.00	31.54	46.00	14.4	Hori.	148	206	LP	
2	600.000	34.50	19.22	7.84	31.61	0.00	29.95	46.00	16.0	Hori.	138	120	LP	
3	46.945	31.10	12.29	7.15	31.92	-0.02	18.60	40.00	21.4	Vert.	100	53	BC	
4	63.819	38.30	7.42	7.39	31.91	-0.46	20.74	40.00	19.2	Vert.	100	196	BC	
5	91.537	33.50	8.54	7.76	31.89	0.30	18.21	43.50	25.2	Vert.	100	88	BC	
6	120.003	37.80	13.11	8.11	31.86	-0.20	26.96	43.50	16.5	Vert.	100	258	BC	
7	164.016	27.60	15.32	8.58	31.83	0.10	19.77	43.50	23.7	Vert.	100	294	BC	
8	189.748	26.60	16.45	8.82	31.81	-0.12	19.94	43.50	23.5	Vert.	100	299	BC	
9	247.061	42.00	11.66	5.79	31.73	0.00	27.72	46.00	18.2	Vert.	100	79	LP	
10	488.003	37.60	17.44	7.39	31.63	0.00	30.80	46.00	15.2	Vert.	100	205	LP	

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable+ATT)[dB]-Gain(AMP)[dB]+S.Fac( AF)[dB]  
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna SHA\*\* : Horn Antenna

# DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.2 Semi-Anechoic Chamber

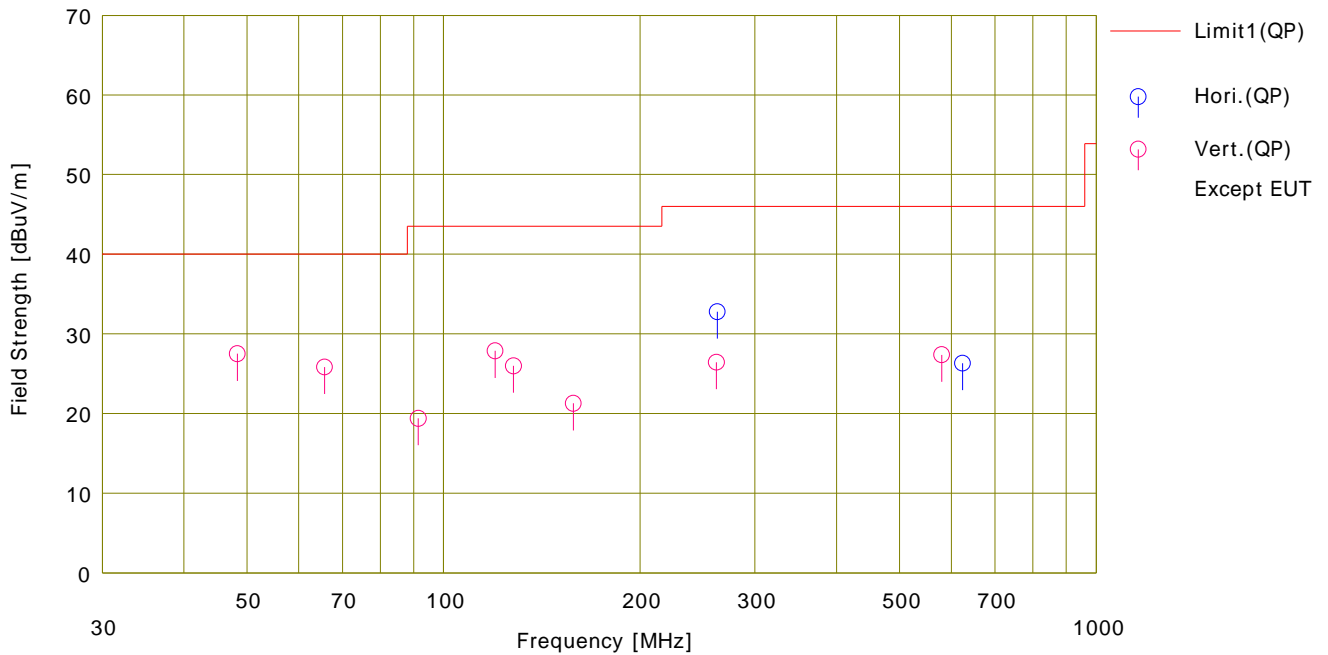
Date : 2019/03/14

Company : Foster Electric Company, Limited  
 Kind of EUT : Bluetooth Headphone  
 Model No. : MB WHP 1  
 Serial No. : 15  
 Remarks : EUT Axis Hor:X, Ver:X

Mode : BT Communication + Charge  
 Order No. : 12652966S  
 Power : AC 120 V / 60 Hz  
 Temp./Humi. : 23 deg.C / 33 %RH

Limit : FCC\_Part 15 Subpart B(15.109)\_Class B

Engineer : Yohsuke Matsuzawa



No.	Freq. [MHz]	Reading	Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	S.Fac [dB]	Result	Limit	Margin	Pola. [H/V]	Height [cm]	Angle [deg]	Ant. Type	Comment
		<QP>					<QP>	<QP>	[dBuV/m]					
1	262.798	46.30	12.31	5.91	31.73	0.00	32.79	46.00	13.2	Hori.	121	223	LP	
2	624.000	30.50	19.49	7.94	31.62	0.00	26.31	46.00	19.6	Hori.	139	137	LP	
3	48.323	40.50	11.78	7.17	31.92	-0.03	27.50	40.00	12.5	Vert.	100	196	BC	
4	65.720	43.70	7.09	7.41	31.91	-0.46	25.83	40.00	14.1	Vert.	100	204	BC	
5	91.487	34.70	8.53	7.76	31.89	0.30	19.40	43.50	24.1	Vert.	100	40	BC	
6	120.001	38.70	13.11	8.11	31.86	-0.20	27.86	43.50	15.6	Vert.	100	26	BC	
7	128.002	36.00	13.79	8.20	31.86	-0.15	25.98	43.50	17.5	Vert.	100	359	BC	
8	158.074	29.30	15.16	8.52	31.83	0.12	21.27	43.50	22.2	Vert.	100	124	BC	
9	261.915	40.00	12.25	5.91	31.73	0.00	26.43	46.00	19.5	Vert.	100	87	LP	
10	580.009	32.60	18.64	7.76	31.63	0.00	27.37	46.00	18.6	Vert.	100	286	LP	

# DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.2 Semi-Anechoic Chamber

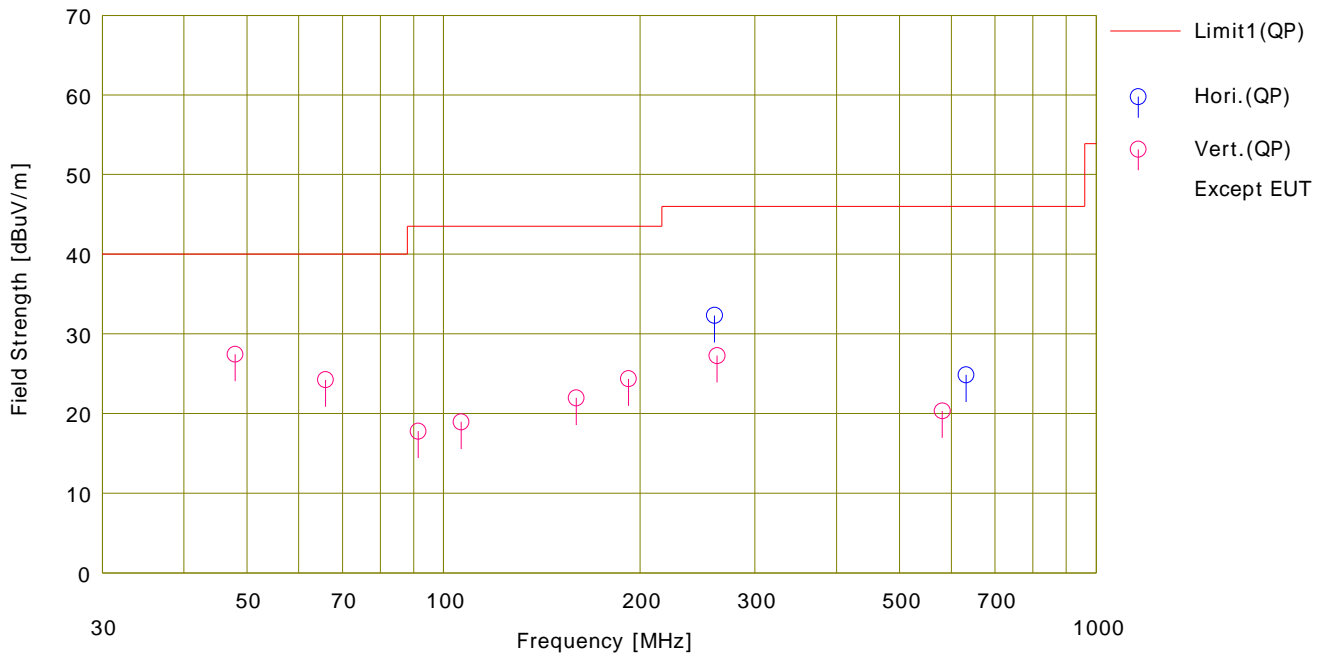
Date : 2019/03/14

Company : Foster Electric Company, Limited  
 Kind of EUT : Bluetooth Headphone  
 Model No. : MB WHP 1  
 Serial No. : 15  
 Remarks : EUT Axis Hor:X, Ver:X

Mode : NFC + Charge + BT Standby  
 Order No. : 12652966S  
 Power : AC 120 V / 60 Hz  
 Temp./Humi. : 23 deg.C / 33 %RH

Limit : FCC\_Part 15 Subpart B(15.109)\_Class B

Engineer : Yohsuke Matsuzawa



No.	Freq. [MHz]	Reading	Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	S.Fac [dB]	Result	Limit	Margin	Pola. [H/V]	Height [cm]	Angle [deg]	Ant. Type	Comment
		<QP> [dBuV]					<QP> [dBuV/m]	<QP> [dB]	<QP> [dBuV/m]					
1	260.163	46.00	12.14	5.89	31.73	0.00	32.30	46.00	13.7	Hori.	139	230	LP	
2	632.025	29.10	19.39	7.98	31.63	0.00	24.84	46.00	21.1	Hori.	142	153	LP	
3	47.948	40.30	11.91	7.17	31.92	-0.03	27.43	40.00	12.5	Vert.	100	54	BC	
4	65.957	42.10	7.06	7.42	31.91	-0.44	24.23	40.00	15.7	Vert.	100	196	BC	
5	91.447	33.10	8.52	7.76	31.89	0.30	17.79	43.50	25.7	Vert.	100	359	BC	
6	106.459	31.60	11.32	7.95	31.87	-0.07	18.93	43.50	24.5	Vert.	100	174	BC	
7	159.712	30.00	15.12	8.54	31.83	0.12	21.95	43.50	21.5	Vert.	100	325	BC	
8	192.089	31.00	16.46	8.84	31.81	-0.13	24.36	43.50	19.1	Vert.	100	292	BC	
9	262.522	40.80	12.29	5.91	31.73	0.00	27.27	46.00	18.7	Vert.	100	91	LP	
10	581.602	25.50	18.69	7.77	31.63	0.00	20.33	46.00	25.6	Vert.	100	102	LP	

# DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.2 Semi-Anechoic Chamber

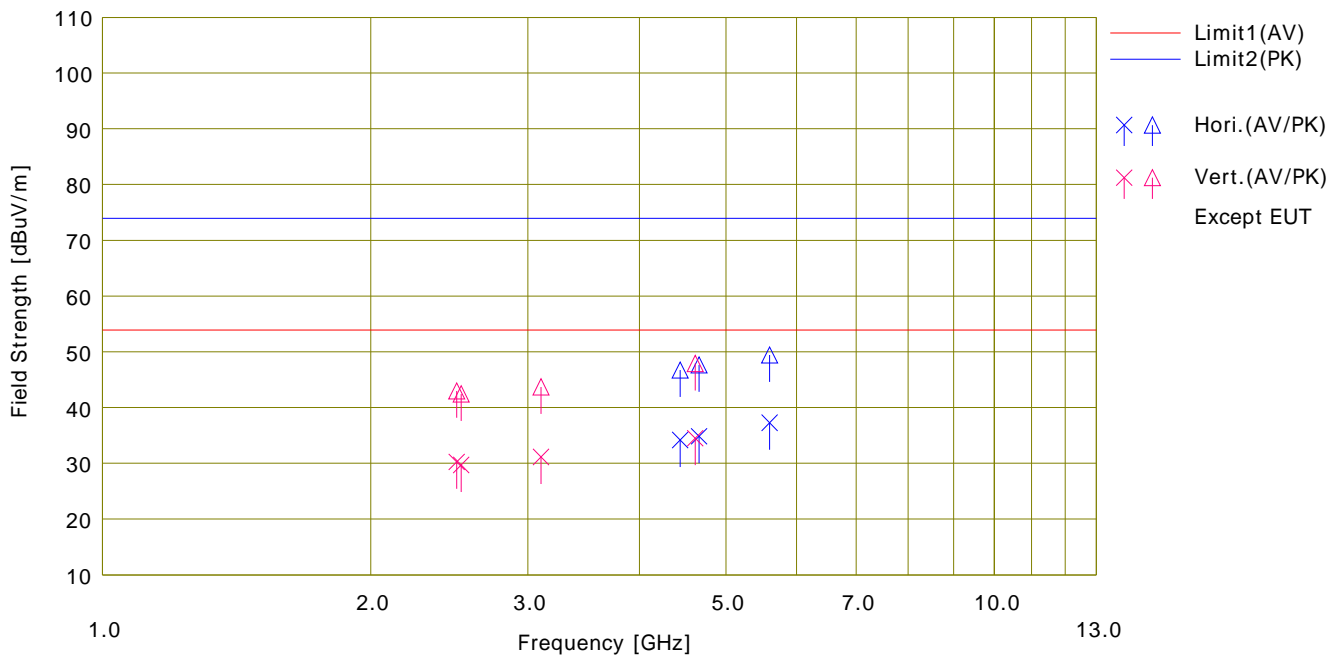
Date : 2019/03/14

Company : Foster Electric Company, Limited  
 Kind of EUT : Bluetooth Headphone  
 Model No. : MB WHP 1  
 Serial No. : 15  
 Remarks : Test Distance=360 cm EUT Axis Hor:X, Ver:X

Mode : Analog Audio In + Charge  
 Order No. : 12652966S  
 Power : AC 120 V / 60 Hz  
 Temp./Humi. : 23 deg.C / 33 %RH

Limit : FCC\_Part 15 Subpart B(15.109)\_Class B

Engineer : Yusuke Tanikawara



No.	Freq. [MHz]	Reading		Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	D.Fac [dB]	Result		Limit		Margin		Pola. [H/V]	Height [cm]	Angle [deg]	Ant. Type	Comment
		<AV>	<PK>					<AV>	<PK>	<AV>	<PK>	<AV>	<PK>					
		[dBuV]	[dBuV]					[dBuV/m]	[dBuV/m]	[dB]	[dB]	[dB]	[dB]					
1	4441.600	36.27	48.83	30.35	8.68	42.73	1.59	34.16	46.72	53.90	73.90	19.7	27.1	Hori.	100	1	SHA02	
2	4664.800	36.25	49.05	30.96	8.89	42.85	1.59	34.84	47.64	53.90	73.90	19.0	26.2	Hori.	100	359	SHA02	
3	5597.200	36.93	49.09	32.07	10.00	43.33	1.59	37.26	49.42	53.90	73.90	16.6	24.4	Hori.	100	1	SHA02	
4	2495.800	36.11	48.85	27.62	6.56	41.63	1.59	30.25	42.99	53.90	73.90	23.6	30.9	Vert.	100	359	SHA02	
5	2524.600	35.45	48.20	27.71	6.59	41.64	1.59	29.70	42.45	53.90	73.90	24.2	31.4	Vert.	100	1	SHA02	
6	3102.400	35.38	47.94	28.85	7.19	41.87	1.59	31.14	43.70	53.90	73.90	22.7	30.2	Vert.	100	359	SHA02	
7	4618.000	36.08	49.49	30.81	8.85	42.84	1.59	34.49	47.90	53.90	73.90	19.4	26.0	Vert.	100	1	SHA02	

Calculation: Result[dBuV/m] = Reading[dBuV] + Ant.Fac[dB/m] + Loss(Cable)[dB] + D.Fac[dB] - Gain(AMP)[dB]

Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna SHA\*:Horn Antenna

# DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.2 Semi-Anechoic Chamber

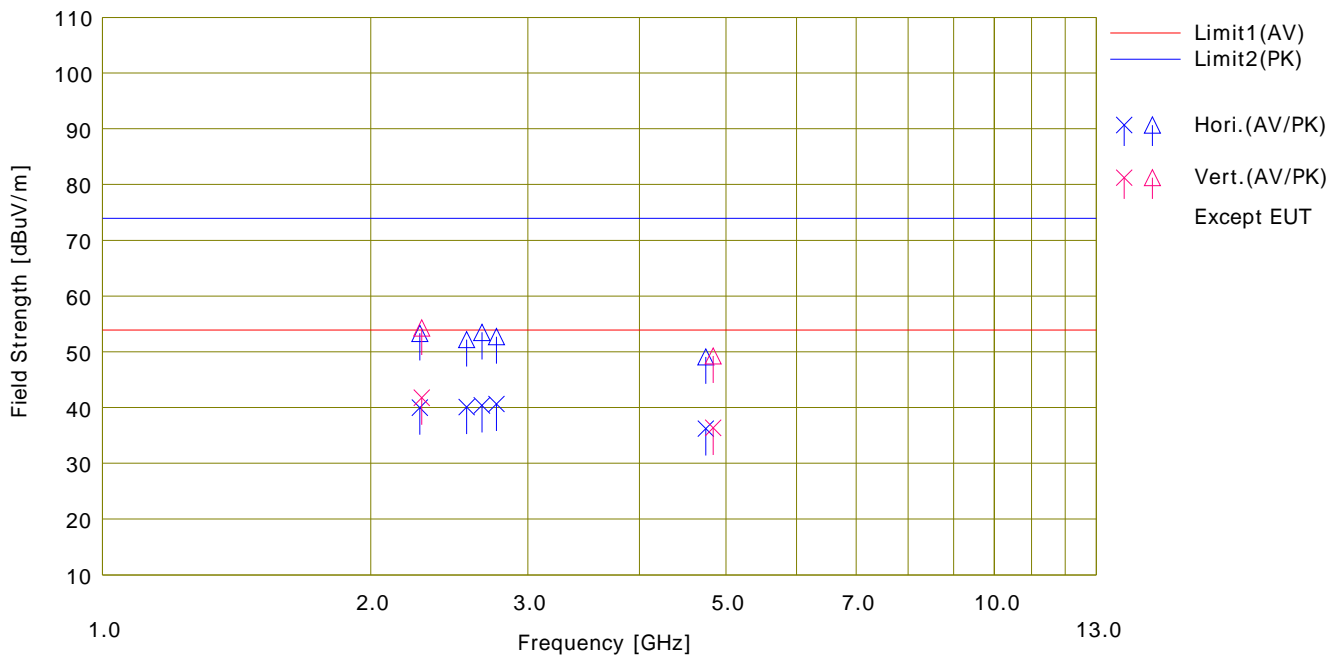
Date : 2019/03/14

Company : Foster Electric Company, Limited  
 Kind of EUT : Bluetooth Headphone  
 Model No. : MB WHP 1  
 Serial No. : 15  
 Remarks : Test Distance=375 cm EUT Axis Hori:X Vert:X

Mode : BT Communication + Charge  
 Order No. : 12652966S  
 Power : AC 120 V / 60 Hz  
 Temp./Humi. : 23 deg.C / 33 %RH

Limit : FCC\_Part 15 Subpart B(15.109)\_Class B

Engineer : Yusuke Tanikawara



No.	Freq. [MHz]	Reading		Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	D.Fac [dB]	Result		Limit		Margin		Pola. [H/V]	Height [cm]	Angle [deg]	Ant. Type	Comment
		<AV>	<PK>					<AV>	<PK>	<AV>	<PK>	<AV>	<PK>					
		[dBuV]	[dBuV]					[dBuV/m]	[dBuV/m]	[dB]	[dB]	[dB]	[dB]					
1	2269.000	35.22	48.53	28.15	16.22	41.55	1.94	39.98	53.29	53.90	73.90	13.9	20.6	Hori.	100	1	SHA02	
2	2560.600	35.36	47.42	27.81	16.64	41.65	1.94	40.10	52.16	53.90	73.90	13.8	21.7	Hori.	100	359	SHA02	
3	2663.200	35.56	48.66	27.82	16.75	41.69	1.94	40.38	53.48	53.90	73.90	13.5	20.4	Hori.	100	1	SHA02	
4	2765.800	35.37	47.47	28.18	16.86	41.73	1.94	40.62	52.72	53.90	73.90	13.2	21.1	Hori.	100	359	SHA02	
5	4747.600	36.47	49.30	31.17	9.51	42.86	1.94	36.23	49.06	53.90	73.90	17.6	24.8	Hori.	100	1	SHA02	
6	2279.800	36.97	49.48	28.16	16.24	41.56	1.94	41.75	54.26	53.90	73.90	12.1	19.6	Vert.	100	359	SHA02	
7	4836.800	36.45	49.35	31.27	9.56	42.88	1.94	36.34	49.24	53.90	73.90	17.5	24.6	Vert.	100	1	SHA02	

Calculation: Result[dBuV/m] = Reading[dBuV] + Ant.Fac[dB/m] + Loss(Cable+ATT or HighPassFilter)[dB] + D.Fac[dB] - Gain(AMP)[dB]

Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna SHA\*:Horn Antenna



# DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.2 Semi-Anechoic Chamber

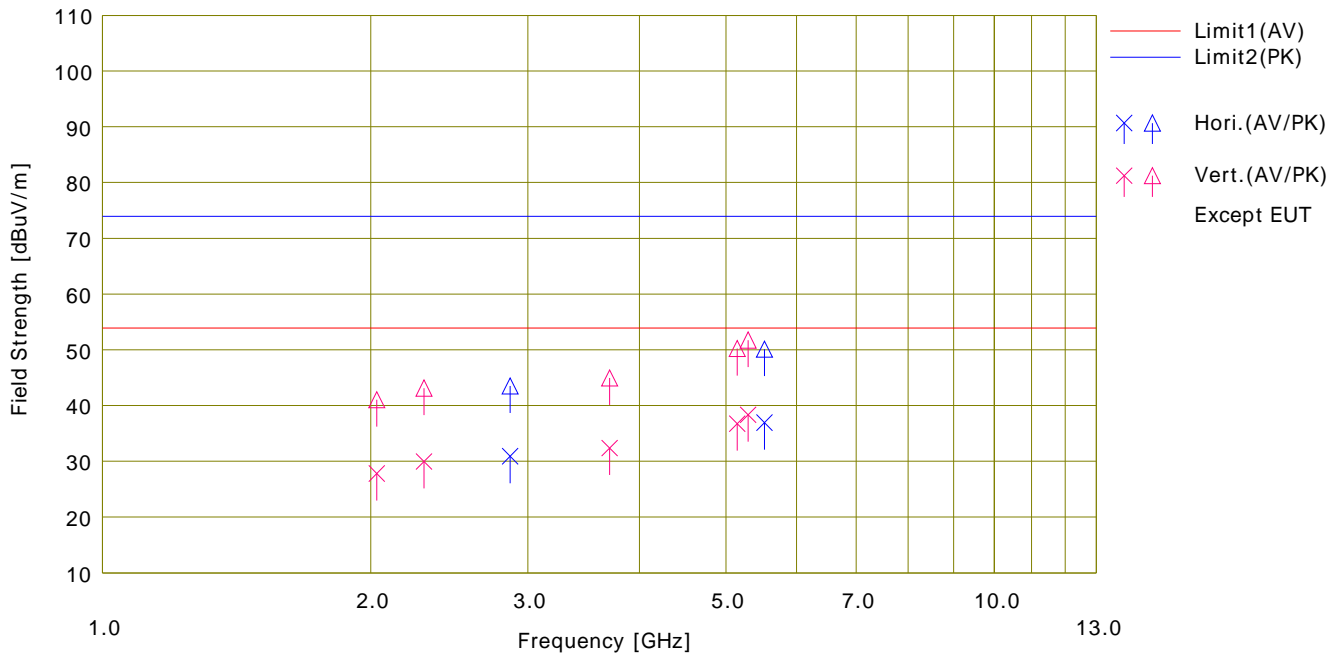
Date : 2019/03/14

Company : Foster Electric Company, Limited  
 Kind of EUT : Bluetooth Headphone  
 Model No. : MB WHP 1  
 Serial No. : 15  
 Remarks : Test Distance=375 cm EUT Axis Hori:X Vert:X

Mode : NFC + Charge + BT Standby  
 Order No. : 12652966S  
 Power : AC 120 V / 60 Hz  
 Temp./Humi. : 23 deg.C / 33 %RH

Limit : FCC\_Part 15 Subpart B(15.109)\_Class B

Engineer : Yusuke Tanikawara



No.	Freq. [MHz]	Reading		Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	D.Fac [dB]	Result		Limit		Margin		Pola. [H/V]	Height [cm]	Angle [deg]	Ant. Type	Comment
		<AV>	<PK>					<AV>	<PK>	<AV>	<PK>							
		[dBuV]	[dBuV]					[dBuV/m]	[dBuV/m]	[dB]	[dB]							
1	2864.800	35.44	48.05	28.33	6.95	41.76	1.94	30.90	43.51	53.90	73.90	23.0	30.3	Hori.	100	1	SHA02	
2	5521.600	36.46	49.64	31.91	9.94	43.33	1.94	36.92	50.10	53.90	73.90	16.9	23.8	Hori.	100	359	SHA02	
3	2031.331	35.52	48.77	25.94	5.87	41.47	1.94	27.80	41.05	53.90	73.90	26.1	32.8	Vert.	100	1	SHA02	
4	2294.200	35.16	48.30	28.17	6.26	41.56	1.94	29.97	43.11	53.90	73.90	23.9	30.7	Vert.	100	359	SHA02	
5	3703.600	35.55	48.11	29.21	7.79	42.12	1.94	32.37	44.93	53.90	73.90	21.5	28.9	Vert.	100	1	SHA02	
6	5147.200	36.31	49.78	32.17	9.38	43.04	1.94	36.76	50.23	53.90	73.90	17.1	23.6	Vert.	100	359	SHA02	
7	5294.800	38.43	51.84	31.51	9.61	43.16	1.94	38.33	51.74	53.90	73.90	15.5	22.1	Vert.	100	1	SHA02	

Calculation: Result[dBuV/m]=Reading[dBuV]+Ant.Fac[dB/m]+Loss(Cable)[dB]+D.Fac[dB]-Gain(AMP)[dB]  
 Ant.Type=BC:Biconical Antenna LP:Logperiodic Antenna SHA\*\* : Horn Antenna

## APPENDIX 3

## Test Instruments

## EMI test equipment

Local ID	Test Name	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Calibration Due Date	Calibration Interval (Month)
KJM-09	CE	145929	Measure	KOMELON	KMC-36	-	-	-	-
SAT3-13	CE	150923	Attenuator	JFW	50HF-003N		2019/1/25	2020/1/31	12
SCC-A12/A13/SRS E-01	CE	144966	Coaxial Cable&RF Selector	Suhner/Suhner/TOYO	RG223U/141PE/NS4906	-/0901-269(RF Selector)	2018/4/9	2019/4/30	12
SLS-02	CE	145539	LISN	Rohde & Schwarz	ENV216	100512	2019/2/20	2020/2/29	12
SOS-16	CE	167990	Humidity Indicator	CUSTOM	CTH-202	708Q08R	2019/1/11	2020/1/31	12
STR-01	CE	145790	Test Receiver	Rohde & Schwarz	ESU40	100093	2018/4/13	2019/4/30	12
STS-01	CE	145792	Digital Hitester	HIOKI	3805-50	80997812	2018/10/16	2019/10/31	12
COTS-SEMI-5	CE,RE	170932	EMI Software	TSJ	TEPTO-DV3(RE,CE,ME,PE)	-	-	-	-
KCC-D18/D19	RE	150894	Coaxial cable	Suhner	SCOFLEX104	268148/4, 268304/4	2019/2/25	2020/2/28	12
SAEC-02(NSA)	RE	145563	Semi-Anechoic Chamber	TDK	SAEC-02(NSA)	2	2018/5/31	2019/5/31	12
SAEC-02(SVSWR)	RE	145598	Semi-Anechoic Chamber	TDK	SAEC-02(SVSWR)	2	2018/7/15	2019/7/31	12
SAF-02	RE	145004	Pre Amplifier	SONOMA	310N	290212	2019/2/5	2020/2/29	12
SAF-06	RE	145005	Pre Amplifier	Toyo Corporation	TPA0118-36	1440491	2019/2/8	2020/2/29	12
SAT10-06	RE	145137	Attenuator	AGILENT	8493C-010	74865	2018/11/25	2019/11/30	12
SAT3-11	RE	150921	Attenuator	JFW	50HF-003N	-	2019/1/25	2020/1/31	12
SAT6-02	RE	145045	Attenuator	JFW	50HF-006N	-	2019/2/5	2020/2/29	12
SBA-02	RE	145022	Biconical Antenna	Schwarzbeck	BBA9106	91032665	2018/6/5	2019/6/30	12
SCC-B1/B3/B5/B7/B8/B13/SRSE-02	RE	144975	Coaxial Cable&RF Selector	Fujikura/Fujikura/Suhner/Suhner/Suhner/Suhner/TOYO	8D2W/12DSFA/141PE/141PE/141PE/141PE/141PE/141P	-/0901-270(RF Selector)	2018/4/9	2019/4/30	12
SCC-B2/B4/B6/B7/B8/B13/SRSE-02	RE	144976	Coaxial Cable&RF Selector	Fujikura/Fujikura/Suhner/Suhner/Suhner/Suhner/TOYO	8D2W/12DSFA/141PE/141PE/141PE/141PE/141PE/141P	-/0901-270(RF Selector)	2018/4/7	2019/4/30	12
SCC-G41	RE	151617	Coaxial Cable	Junkosha	MWX221-01000NFSNMS/B	1612S006	2019/1/25	2020/1/31	12
SFL-02	RE	145301	Highpass Filter	MICRO-TRONICS	HPM50111	51	2018/11/16	2019/11/30	12
SHA-02	RE	145384	Horn Antenna	Schwarzbeck	BBHA9120D	9120D-726	2018/7/23	2019/7/31	12

## EMI test equipment

Local ID	Test Name	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Calibration Due Date	Calibration Interval (Month)
SJM-09	RE	145336	Measure	PROMART	SEN1935	-	-	-	-
SLA-06	RE	145528	Logperiodic Antenna	Schwarzbeck	VUSLP9111B	195	2018/6/5	2019/6/30	12
SOS-03	RE	146317	Humidity Indicator	A&D	AD-5681	4063325	2018/10/25	2019/10/31	12
STR-07	RE	146209	Test Receiver	Rohde & Schwarz	ESU26	100484	2018/9/26	2019/9/30	12
STS-02	RE	145793	Digital Hitester	HIOKI	3805-50	80997819	2018/3/8	2019/3/31	12

The expiration date of the calibration is the end of the expired month.

As for some calibrations performed after the tested dates , those test equipment have been controlled by means of an unbroken chains of calibrations .

All equipment is calibrated with valid calibrations . Each measurement data is traceable to the national or international standards

Test Item:

CE: Conducted emission,

RE: Radiated emission

End of Report