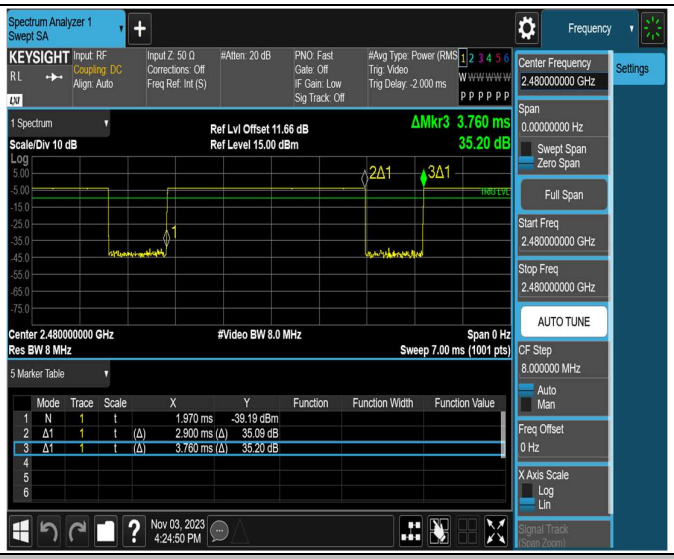
Test Graphs

DH5_Ant1_2402

DH5_Ant1_2441

DH5_Ant1_2480

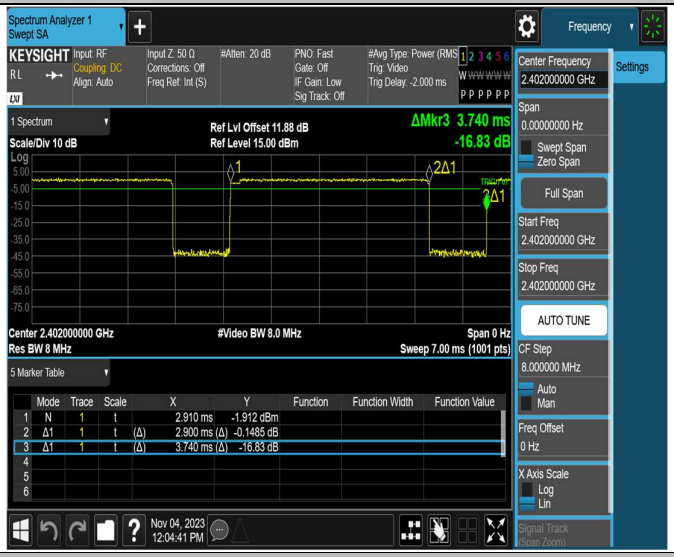


2DH5_Ant1_2402

2DH5_Ant1_2441

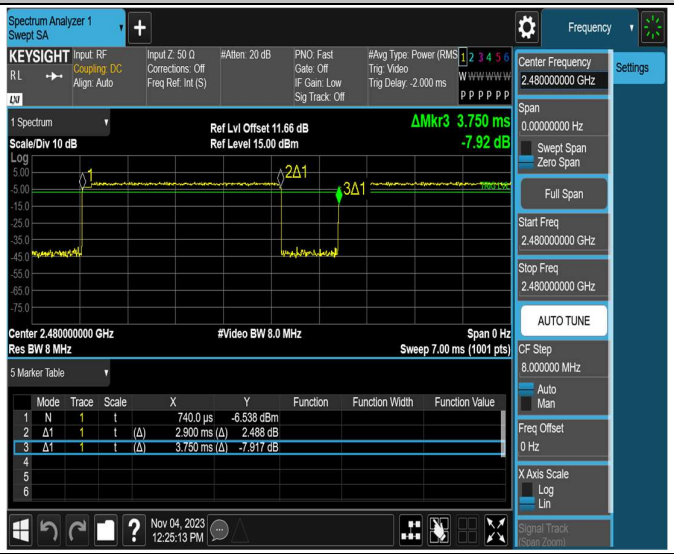
2DH5_Ant1_2480

3DH5_Ant1_2402



3DH5_Ant1_2441

3DH5_Ant1_2480



Appendix J: Emissions in Restricted Bands

Test Result

Mode:	DH5-2402

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2310	47.77	7.07	74.00	26.23	150	329	Horizontal
2	2323.92	48.15	7.18	74.00	25.85	150	144	Horizontal
3	2350	53.04	7.25	74.00	20.96	150	232	Horizontal
4	2365.36	49.31	7.50	74.00	24.69	150	175	Horizontal
5	2383.84	48.85	8.11	74.00	25.15	150	304	Horizontal
6	2390	47.78	8.38	74.00	26.22	150	345	Horizontal

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2310	46.84	7.07	74.00	27.16	150	37	Vertical
2	2326.32	48.63	7.17	74.00	25.37	150	282	Vertical
3	2350.16	48.99	7.25	74.00	25.01	150	346	Vertical
4	2360.16	48.74	7.35	74.00	25.26	150	188	Vertical
5	2373.12	50.06	7.69	74.00	23.94	150	164	Vertical
6	2390	47.73	8.38	74.00	26.27	150	79	Vertical

Mode:	DH5-2480

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.5	48.84	8.62	74.00	25.16	150	27	Horizontal
2	2485.59	50.64	8.43	74.00	23.36	150	160	Horizontal
3	2489.86	50.35	8.27	74.00	23.65	150	113	Horizontal
4	2495.52	50.27	8.41	74.00	23.73	150	205	Horizontal
5	2497.82	50.57	8.20	74.00	23.43	150	27	Horizontal
6	2500	47.21	8.10	74.00	26.79	150	14	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.5	48.86	8.62	74.00	25.14	150	217	Vertical
2	2485.57	49.62	8.43	74.00	24.38	150	308	Vertical
3	2487.74	49.72	8.24	74.00	24.28	150	220	Vertical
4	2491.79	49.71	8.39	74.00	24.29	150	60	Vertical
5	2497.32	48.97	8.26	74.00	25.03	150	131	Vertical
6	2500	47.03	8.10	74.00	26.97	150	16	Vertical

Mode:	2DH5-2402

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2310	47.04	7.07	74.00	26.96	150	241	Horizontal
2	2330.16	48.81	7.19	74.00	25.19	150	197	Horizontal
3	2349.68	53.44	7.23	74.00	20.56	150	216	Horizontal
4	2369.04	48.86	7.45	74.00	25.14	150	86	Horizontal
5	2376.64	48.44	7.88	74.00	25.56	150	131	Horizontal
6	2390	48.58	8.38	74.00	25.42	150	285	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2310	47.27	7.07	74.00	26.73	150	275	Vertical
2	2328.24	48.15	7.15	74.00	25.85	150	116	Vertical
3	2350.4	48.39	7.24	74.00	25.61	150	174	Vertical
4	2364.88	48.69	7.50	74.00	25.31	150	110	Vertical
5	2384.64	49.16	8.13	74.00	24.84	150	282	Vertical
6	2390	48.41	8.38	74.00	25.59	150	302	Vertical

Mode:	2DH5-2480

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.5	48.71	8.62	74.00	25.29	150	273	Horizontal
2	2486.30	50.22	8.37	74.00	23.78	150	328	Horizontal
3	2487.74	50.72	8.24	74.00	23.28	150	58	Horizontal
4	2489.65	49.96	8.26	74.00	24.04	150	178	Horizontal
5	2492.49	49.55	8.41	74.00	24.45	150	61	Horizontal
6	2500	47.58	8.10	74.00	26.42	150	8	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.5	49.08	8.62	74.00	24.92	150	275	Vertical
2	2487.22	49.80	8.31	74.00	24.20	150	275	Vertical
3	2488.78	50.44	8.24	74.00	23.56	150	180	Vertical
4	2491.70	50.06	8.39	74.00	23.94	150	7	Vertical
5	2495.42	49.43	8.42	74.00	24.57	150	78	Vertical
6	2500	47.45	8.10	74.00	26.55	150	4	Vertical

Mode:	3DH5-2402

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2310	46.44	7.07	74.00	27.56	150	357	Horizontal
2	2323.92	48.31	7.18	74.00	25.69	150	255	Horizontal
3	2349.92	52.31	7.25	74.00	21.69	150	313	Horizontal
4	2370.64	48.86	7.52	74.00	25.14	150	73	Horizontal
5	2379.92	49.08	7.88	74.00	24.92	150	210	Horizontal
6	2390	47.92	8.38	74.00	26.08	150	155	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2310	46.60	7.07	74.00	27.40	150	317	Vertical
2	2324.64	49.09	7.12	74.00	24.91	150	203	Vertical
3	2350.24	48.55	7.25	74.00	25.45	150	119	Vertical
4	2363.28	48.97	7.40	74.00	25.03	150	355	Vertical
5	2379.6	49.37	7.87	74.00	24.63	150	110	Vertical
6	2390	48.18	8.38	74.00	25.82	150	158	Vertical

Mode:	3DH5-2480

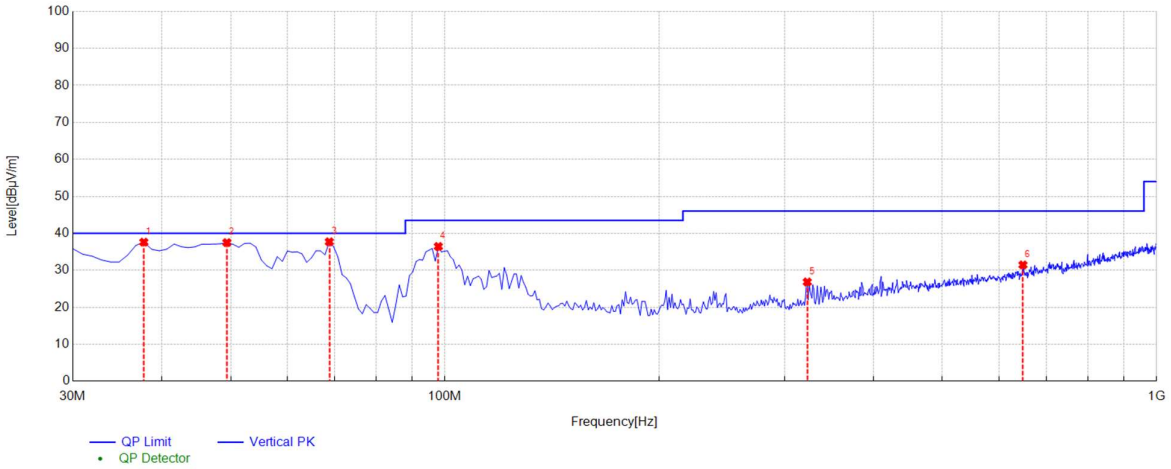
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.5	49.57	8.62	74.00	24.43	150	101	Horizontal
2	2486.83	49.77	8.35	74.00	24.23	150	360	Horizontal
3	2489.29	50.21	8.26	74.00	23.79	150	167	Horizontal
4	2491.55	49.66	8.38	74.00	24.34	150	194	Horizontal
5	2499.43	49.80	8.18	74.00	24.20	150	326	Horizontal
6	2500	47.32	8.10	74.00	26.68	150	336	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.5	48.53	8.62	74.00	25.47	150	311	Vertical
2	2486.37	49.62	8.37	74.00	24.38	150	346	Vertical
3	2489.07	49.80	8.25	74.00	24.20	150	119	Vertical
4	2490.00	49.61	8.27	74.00	24.39	150	14	Vertical
5	2496.40	49.69	8.35	74.00	24.31	150	30	Vertical
6	2500	49.12	8.10	74.00	24.88	150	116	Vertical

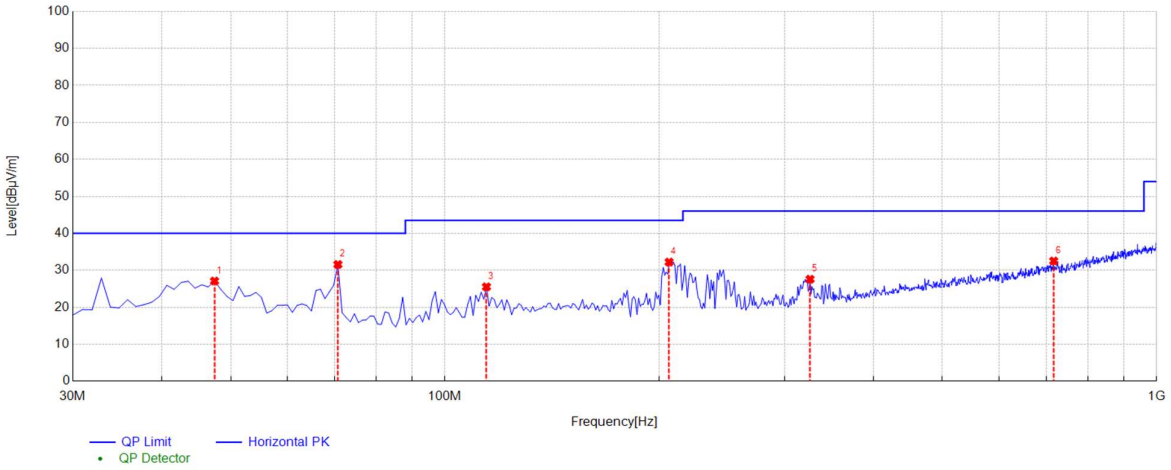
Note：

1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Appendix L: Radiated emissions for transmitter



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	37.7600	37.62	-9.59	40.00	2.38	100	234	Vertical	PASS
2	49.4000	37.50	-9.43	40.00	2.50	100	126	Vertical	PASS
3	68.8000	37.71	-11.78	40.00	2.29	100	206	Vertical	PASS
4	97.9000	36.45	-13.11	43.50	7.05	100	109	Vertical	PASS
5	322.940	26.85	-8.95	46.00	19.15	100	264	Vertical	PASS
6	648.860	31.46	-1.41	46.00	14.54	100	184	Vertical	PASS



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	47.4600	27.11	-9.36	40.00	12.89	100	12	Horizontal	PASS
2	70.7400	31.59	-12.13	40.00	8.41	100	348	Horizontal	PASS
3	114.390	25.54	-11.70	43.50	17.96	100	126	Horizontal	PASS
4	206.540	32.23	-12.53	43.50	11.27	100	196	Horizontal	PASS
5	325.850	27.60	-8.86	46.00	18.40	100	292	Horizontal	PASS
6	716.760	32.53	-0.15	46.00	13.47	100	62	Horizontal	PASS

Mode:	DH5-2402

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1494	42.94	1.34	74.00	31.06	150	115	Horizontal
2	2004	47.64	6.14	74.00	26.36	150	251	Horizontal
3	4804.55	51.02	-14.86	74.00	22.98	150	135	Horizontal
4	6396.28	44.04	-12.18	74.00	29.96	150	138	Horizontal
5	9606.71	50.41	-8.59	74.00	23.59	150	251	Horizontal
6	15290.1	49.41	-0.84	74.00	24.59	150	347	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1316	43.09	1.15	74.00	30.91	150	276	Vertical
2	2294	49.28	7.13	74.00	24.72	150	340	Vertical
3	4291.96	41.85	-16.31	74.00	32.15	150	74	Vertical
4	4744.60	48.80	-14.64	74.00	25.20	150	39	Vertical
5	9609.71	48.54	-8.59	74.00	25.46	150	356	Vertical
6	12901.0	48.82	-3.17	74.00	25.18	150	281	Vertical

Mode:	DH5-2441

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1282	43.12	1.13	74.00	30.88	150	202	Horizontal
2	2008	48.13	6.17	74.00	25.87	150	163	Horizontal
3	4882.49	48.85	-14.64	74.00	25.15	150	141	Horizontal
4	7292.56	44.35	-11.93	74.00	29.65	150	244	Horizontal
5	9765.58	50.34	-7.92	74.00	23.66	150	101	Horizontal
6	15682.8	49.34	-0.42	74.00	24.66	150	39	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1326	43.27	1.12	74.00	30.73	150	126	Vertical
2	2008	47.45	6.17	74.00	26.55	150	322	Vertical
3	4882.49	44.56	-14.64	74.00	29.44	150	75	Vertical
4	6225.41	43.94	-12.41	74.00	30.06	150	56	Vertical
5	9762.58	48.15	-7.91	74.00	25.85	150	197	Vertical
6	13128.8	49.48	-3.08	74.00	24.52	150	87	Vertical

Mode:	DH5-2480

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1362	43.04	1.11	74.00	30.96	150	239	Horizontal
2	1942	47.04	5.46	74.00	26.96	150	239	Horizontal
3	4960.43	46.54	-15.17	74.00	27.46	150	134	Horizontal
4	7088.72	44.41	-11.59	74.00	29.59	150	245	Horizontal
5	9918.46	49.63	-8.57	74.00	24.37	150	103	Horizontal
6	14369.9	49.29	-1.31	74.00	24.71	150	285	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1374	43.50	1.16	74.00	30.50	150	349	Vertical
2	2004	47.97	6.14	74.00	26.03	150	167	Vertical
3	3953.23	46.07	-17.30	74.00	27.93	150	209	Vertical
4	4960.43	43.58	-15.17	74.00	30.42	150	86	Vertical
5	7358.51	44.71	-11.69	74.00	29.29	150	339	Vertical
6	9921.46	47.85	-8.55	74.00	26.15	150	193	Vertical

Mode:	2DH5-2402

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1302	42.59	1.19	74.00	31.41	150	319	Horizontal
2	2086	48.82	6.44	74.00	25.18	150	90	Horizontal
3	3971.22	42.29	-16.98	74.00	31.71	150	162	Horizontal
4	4804.55	50.91	-14.86	74.00	23.09	150	130	Horizontal
5	9606.71	51.45	-8.59	74.00	22.55	150	226	Horizontal
6	13572.5	48.41	-2.57	74.00	25.59	150	186	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1292	43.25	1.16	74.00	30.75	150	120	Vertical
2	1898	47.72	5.24	74.00	26.28	150	4	Vertical
3	4804.55	47.19	-14.86	74.00	26.81	150	87	Vertical
4	6639.08	44.53	-12.31	74.00	29.47	150	340	Vertical
5	9609.71	48.29	-8.59	74.00	25.71	150	210	Vertical
6	14492.8	48.27	-1.94	74.00	25.73	150	210	Vertical

Mode:	2DH5-2441

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1340	42.73	1.10	74.00	31.27	150	208	Horizontal
2	1764	45.91	3.78	74.00	28.09	150	80	Horizontal
3	4882.49	48.49	-14.64	74.00	25.51	150	324	Horizontal
4	5931.65	43.92	-12.21	74.00	30.08	150	276	Horizontal
5	9765.58	50.60	-7.92	74.00	23.40	150	253	Horizontal
6	13731.4	49.03	-2.44	74.00	24.97	150	20	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1340	42.73	1.10	74.00	31.27	150	343	Vertical
2	2012	47.67	6.18	74.00	26.33	150	261	Vertical
3	4882.49	46.21	-14.64	74.00	27.79	150	32	Vertical
4	6399.28	44.55	-12.16	74.00	29.45	150	199	Vertical
5	9765.58	47.77	-7.92	74.00	26.23	150	195	Vertical
6	12097.7	47.93	-3.79	74.00	26.07	150	222	Vertical

Mode:	2DH5-2480

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1294	43.37	1.17	74.00	30.63	150	228	Horizontal
2	1986	47.34	5.96	74.00	26.66	150	86	Horizontal
3	3911.27	41.55	-16.73	74.00	32.45	150	155	Horizontal
4	4960.43	47.15	-15.17	74.00	26.85	150	143	Horizontal
5	9921.46	50.16	-8.55	74.00	23.84	150	124	Horizontal
6	13647.4	48.67	-2.36	74.00	25.33	150	250	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1442	42.48	1.33	74.00	31.52	150	191	Vertical
2	2024	48.15	6.23	74.00	25.85	150	258	Vertical
3	5272.18	47.90	-14.02	74.00	26.10	150	127	Vertical
4	6926.85	44.22	-12.18	74.00	29.78	150	8	Vertical
5	9921.46	47.59	-8.55	74.00	26.41	150	194	Vertical
6	12127.6	47.88	-4.31	74.00	26.12	150	289	Vertical

Mode:	3DH5-2402

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1226	43.29	1.07	74.00	30.71	150	219	Horizontal
2	1800	46.90	4.22	74.00	27.10	150	122	Horizontal
3	4804.55	51.05	-14.86	74.00	22.95	150	135	Horizontal
4	7784.17	44.29	-11.30	74.00	29.71	150	213	Horizontal
5	9609.71	51.32	-8.59	74.00	22.68	150	186	Horizontal
6	15520.9	49.89	-0.99	74.00	24.11	150	131	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1212	42.61	1.10	74.00	31.39	150	349	Vertical
2	2080	48.34	6.42	74.00	25.66	150	336	Vertical
3	4804.55	47.29	-14.86	74.00	26.71	150	47	Vertical
4	6651.07	44.86	-12.27	74.00	29.14	150	344	Vertical
5	9609.71	50.26	-8.59	74.00	23.74	150	344	Vertical
6	15607.9	50.32	-0.50	74.00	23.68	150	153	Vertical

Mode:	3DH5-2441

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1340	42.76	1.10	74.00	31.24	150	188	Horizontal
2	2070	47.66	6.39	74.00	26.34	150	341	Horizontal
3	4882.49	51.98	-14.64	74.00	22.02	150	168	Horizontal
4	7421.46	43.82	-11.68	74.00	30.18	150	168	Horizontal
5	9765.58	50.43	-7.92	74.00	23.57	150	255	Horizontal
6	13662.4	49.70	-2.35	74.00	24.30	150	298	Horizontal

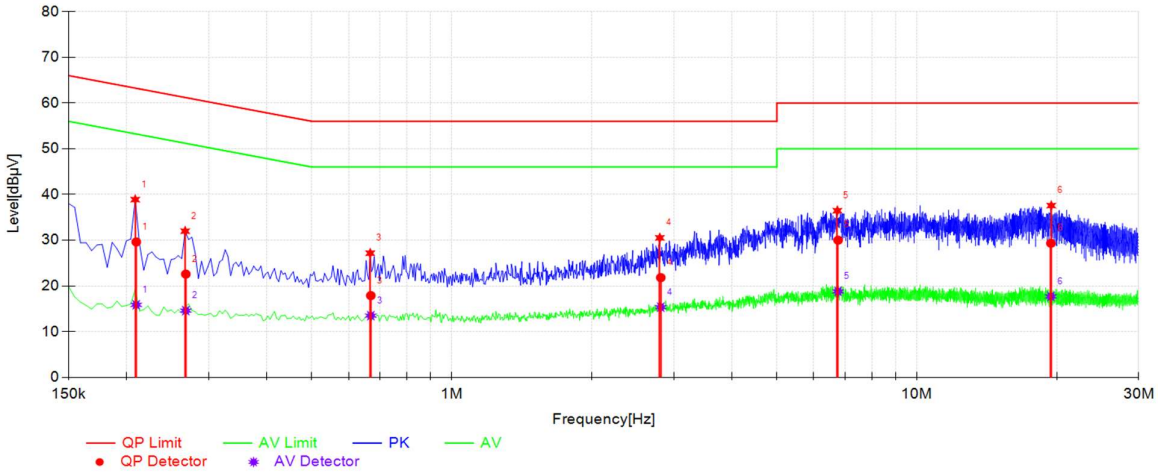
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1258	44.38	1.06	74.00	29.62	150	288	Vertical
2	1844	45.34	4.66	74.00	28.66	150	319	Vertical
3	4882.49	45.93	-14.64	74.00	28.07	150	142	Vertical
4	7304.55	43.93	-11.91	74.00	30.07	150	83	Vertical
5	9765.58	47.92	-7.92	74.00	26.08	150	118	Vertical
6	13653.4	49.15	-2.33	74.00	24.85	150	32	Vertical

Mode:	3DH5-2480

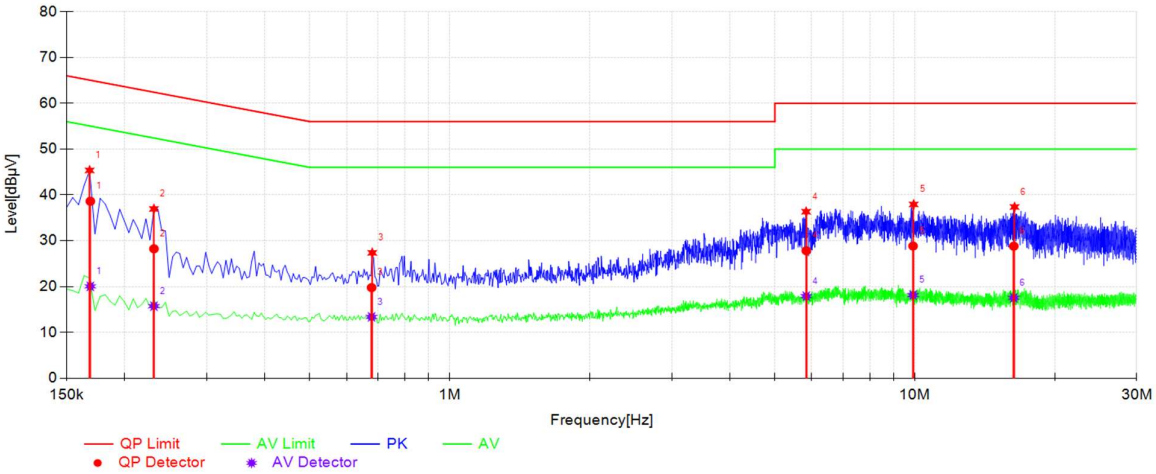
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718	45.28	3.33	74.00	28.72	150	17	Horizontal
2	2058	47.93	6.36	74.00	26.07	150	249	Horizontal
3	4960.43	49.36	-15.17	74.00	24.64	150	137	Horizontal
4	7598.32	44.28	-12.01	74.00	29.72	150	314	Horizontal
5	9921.46	49.51	-8.55	74.00	24.49	150	98	Horizontal
6	14747.6	48.77	-1.80	74.00	25.23	150	173	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1318	43.31	1.15	74.00	30.69	150	216	Vertical
2	2132	48.18	6.60	74.00	25.82	150	330	Vertical
3	4205.03	42.77	-16.46	74.00	31.23	150	243	Vertical
4	5871.70	44.46	-12.72	74.00	29.54	150	118	Vertical
5	9921.46	48.03	-8.55	74.00	25.97	150	188	Vertical
6	14783.5	48.98	-1.47	74.00	25.02	150	278	Vertical

Appendix K: Conducted emission AC power port



Final Data List										
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Type	Verdict
1	0.2095	10.26	29.63	63.23	33.60	15.88	53.23	37.35	L1	PASS
2	0.2678	10.27	22.60	61.19	38.59	14.61	51.19	36.58	L1	PASS
3	0.6694	10.28	17.90	56.00	38.10	13.51	46.00	32.49	L1	PASS
4	2.8139	10.30	21.83	56.00	34.17	15.36	46.00	30.64	L1	PASS
5	6.7703	10.42	30.01	60.00	29.99	18.82	50.00	31.18	L1	PASS
6	19.4238	10.56	29.34	60.00	30.66	17.71	50.00	32.29	L1	PASS



Final Data List										
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Type	Verdict
1	0.1686	10.26	38.63	65.03	26.40	20.05	55.03	34.98	N	PASS
2	0.2310	10.26	28.25	62.42	34.17	15.72	52.42	36.70	N	PASS
3	0.6787	10.28	19.78	56.00	36.22	13.38	46.00	32.62	N	PASS
4	5.8419	10.42	27.83	60.00	32.17	17.91	50.00	32.09	N	PASS
5	9.9119	10.44	28.85	60.00	31.15	18.14	50.00	31.86	N	PASS
6	16.3199	10.59	28.82	60.00	31.18	17.54	50.00	32.46	N	PASS