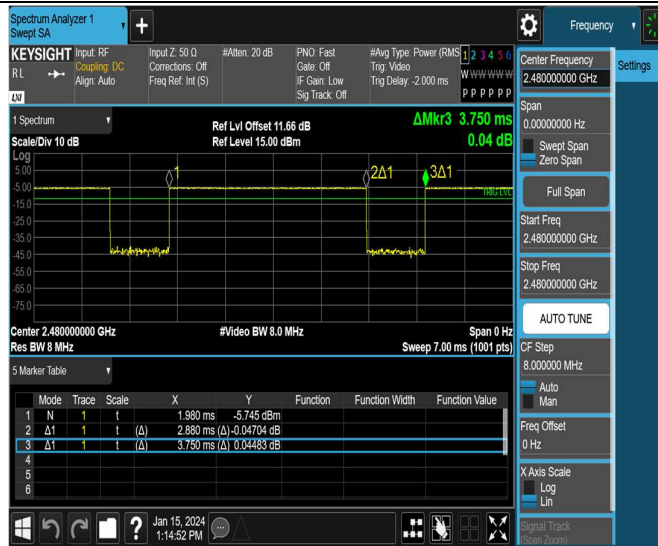


Test Graphs

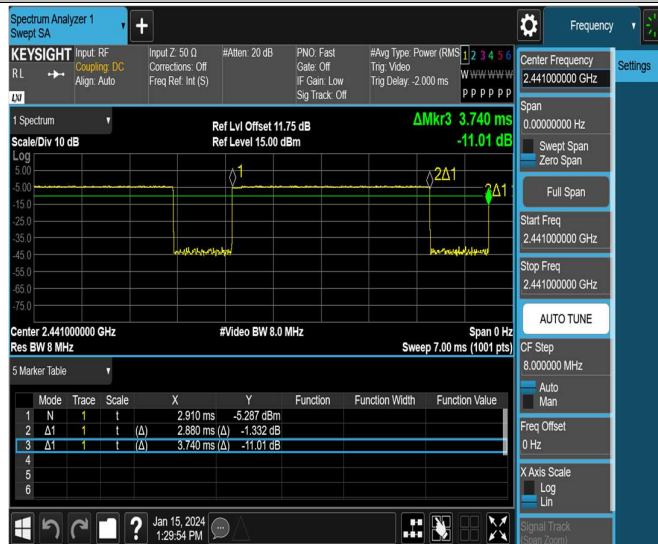




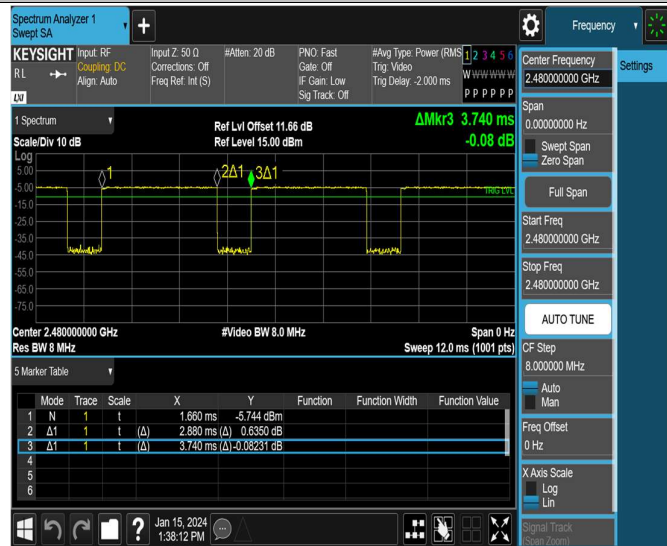
2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441

Appendix J: Emissions in Restricted Bands

Test Result

Mode:	DH5-2402
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NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2318.24	50.18	9.08	74.00	23.82	150	72	Horizontal
2	2338.56	51.72	9.18	74.00	22.28	150	189	Horizontal
3	2347.76	50.40	9.24	74.00	23.60	150	2	Horizontal
4	2354.48	51.50	9.27	74.00	22.50	150	94	Horizontal
5	2364.16	50.79	9.43	74.00	23.21	150	346	Horizontal
6	2375.28	51.46	9.83	74.00	22.54	150	246	Horizontal

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2318.16	49.99	9.08	74.00	24.01	150	265	Vertical
2	2331.84	50.20	9.29	74.00	23.80	150	93	Vertical
3	2350.64	50.50	9.24	74.00	23.50	150	64	Vertical
4	2359.76	50.71	9.35	74.00	23.29	150	64	Vertical
5	2374.64	51.07	9.77	74.00	22.93	150	93	Vertical
6	2382.08	51.03	9.94	74.00	22.97	150	129	Vertical

Mode:	DH5-2480
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2484.58	50.70	10.52	74.00	23.30	150	360	Horizontal
2	2488.84	50.12	10.24	74.00	23.88	150	360	Horizontal
3	2490.92	51.04	10.34	74.00	22.96	150	360	Horizontal
4	2494.27	50.24	10.48	74.00	23.76	150	360	Horizontal
5	2495.79	50.78	10.39	74.00	23.22	150	360	Horizontal
6	2498.25	51.54	10.20	74.00	22.46	150	360	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2485.00	49.83	10.51	74.00	24.17	150	360	Vertical
2	2487.77	50.50	10.24	74.00	23.50	150	360	Vertical
3	2490.19	49.70	10.29	74.00	24.30	150	360	Vertical
4	2492.98	49.86	10.43	74.00	24.14	150	360	Vertical
5	2495.82	49.85	10.39	74.00	24.15	150	360	Vertical
6	2497.85	49.22	10.20	74.00	24.78	150	360	Vertical

Mode:	2DH5-2402
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2317.52	50.03	9.10	74.00	23.97	150	71	Horizontal
2	2335.12	49.93	9.23	74.00	24.07	150	258	Horizontal
3	2350.4	50.44	9.24	74.00	23.56	150	137	Horizontal
4	2363.2	50.27	9.40	74.00	23.73	150	248	Horizontal
5	2372.32	50.76	9.60	74.00	23.24	150	287	Horizontal
6	2379.6	50.93	9.87	74.00	23.07	150	71	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2319.28	50.06	9.15	74.00	23.94	150	185	Vertical
2	2328.72	50.18	9.16	74.00	23.82	150	127	Vertical
3	2347.6	50.00	9.25	74.00	24.00	150	288	Vertical
4	2358.24	50.24	9.37	74.00	23.76	150	13	Vertical
5	2372.48	50.15	9.62	74.00	23.85	150	206	Vertical
6	2380.72	50.69	9.91	74.00	23.31	150	53	Vertical

Mode:	2DH5-2480
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2486.09	51.68	10.38	74.00	22.32	150	204	Horizontal
2	2489.20	51.90	10.25	74.00	22.10	150	285	Horizontal
3	2491.38	51.28	10.37	74.00	22.72	150	213	Horizontal
4	2492.95	51.23	10.43	74.00	22.77	150	198	Horizontal
5	2494.73	51.32	10.46	74.00	22.68	150	204	Horizontal
6	2498.16	51.68	10.19	74.00	22.32	150	204	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2484.96	53.32	10.50	74.00	20.68	150	234	Vertical
2	2487.83	52.18	10.23	74.00	21.82	150	349	Vertical
3	2489.81	51.71	10.27	74.00	22.29	150	300	Vertical
4	2492.92	51.92	10.43	74.00	22.08	150	165	Vertical
5	2495.62	51.44	10.41	74.00	22.56	150	183	Vertical
6	2496.63	51.49	10.33	74.00	22.51	150	148	Vertical

Mode:	3DH5-2402
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2325.44	50.11	9.13	74.00	23.89	150	228	Horizontal
2	2337.36	50.21	9.18	74.00	23.79	150	174	Horizontal
3	2354.32	51.31	9.27	74.00	22.69	150	135	Horizontal
4	2365.52	50.10	9.49	74.00	23.90	150	245	Horizontal
5	2373.68	51.67	9.70	74.00	22.33	150	183	Horizontal
6	2381.44	51.42	9.92	74.00	22.58	150	201	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2321.28	50.12	9.18	74.00	23.88	150	19	Vertical
2	2328.4	50.66	9.15	74.00	23.34	150	278	Vertical
3	2344.64	50.13	9.30	74.00	23.87	150	325	Vertical
4	2360.8	50.44	9.33	74.00	23.56	150	278	Vertical
5	2370.48	50.74	9.51	74.00	23.26	150	353	Vertical
6	2378	50.70	9.86	74.00	23.30	150	248	Vertical

Mode:	3DH5-2480
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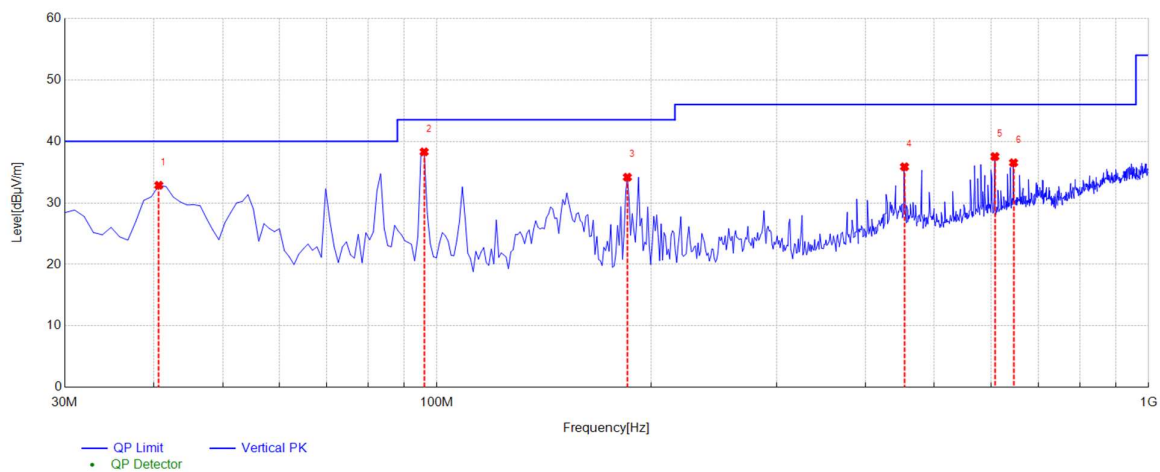
NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.78	51.49	10.58	74.00	22.51	150	216	Horizontal
2	2488.08	51.69	10.21	74.00	22.31	150	260	Horizontal
3	2493.35	51.68	10.45	74.00	22.32	150	294	Horizontal
4	2494.75	51.44	10.45	74.00	22.56	150	216	Horizontal
5	2497.19	51.60	10.28	74.00	22.40	150	98	Horizontal
6	2498.10	51.51	10.19	74.00	22.49	150	291	Horizontal

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2485.39	52.15	10.46	74.00	21.85	150	63	Vertical
2	2488.36	51.38	10.22	74.00	22.62	150	20	Vertical
3	2491.07	51.36	10.35	74.00	22.64	150	211	Vertical
4	2493.61	51.60	10.47	74.00	22.40	150	333	Vertical
5	2496.12	51.83	10.37	74.00	22.17	150	233	Vertical
6	2498.03	50.98	10.18	74.00	23.02	150	357	Vertical

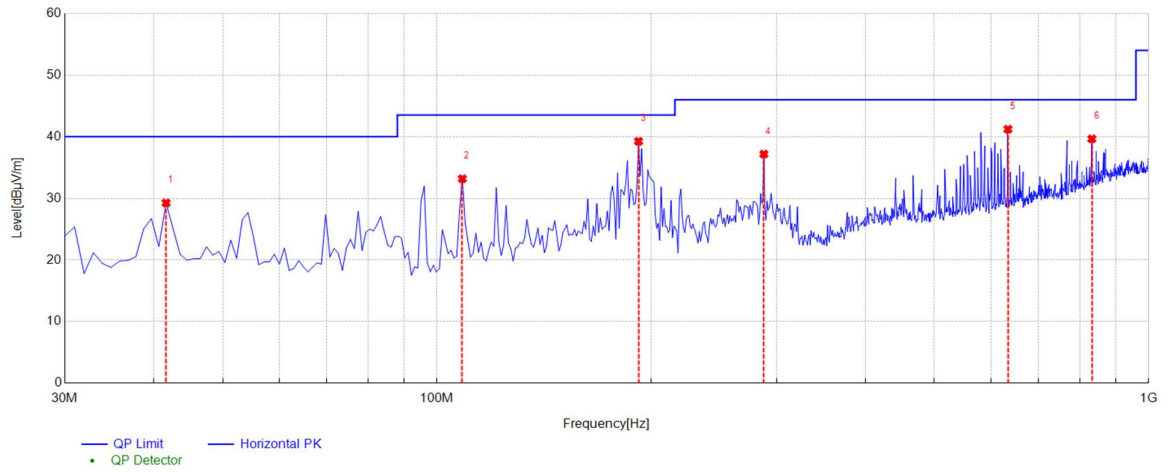
Note:

1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dB μ V/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]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	40.6700	41.88	32.86	-9.02	40.00	7.14	100	356	Vertical	PASS
2	95.9600	51.45	38.30	-13.15	43.50	5.20	100	165	Vertical	PASS
3	185.2000	46.17	34.18	-11.99	43.50	9.32	100	171	Vertical	PASS
4	453.8900	40.78	35.87	-4.91	46.00	10.13	100	40	Vertical	PASS
5	608.1200	39.71	37.54	-2.17	46.00	8.46	100	68	Vertical	PASS
6	645.9500	37.67	36.53	-1.14	46.00	9.47	100	84	Vertical	PASS



NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	41.6400	38.30	29.26	-9.04	40.00	10.74	100	348	Horizontal	PASS
2	108.5700	45.23	33.18	-12.05	43.50	10.32	100	230	Horizontal	PASS
3	191.9900	51.58	39.25	-12.33	43.50	4.25	100	51	Horizontal	PASS
4	288.0200	46.35	37.18	-9.17	46.00	8.82	100	65	Horizontal	PASS
5	634.3100	42.63	41.21	-1.42	46.00	4.79	100	65	Horizontal	PASS
6	832.1900	37.65	39.65	2.00	46.00	6.35	100	334	Horizontal	PASS

Mode:	DH5-2402
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1600	48.10	4.23	74.00	25.90	150	194	Horizontal
2	3771	43.95	-15.04	74.00	30.05	150	49	Horizontal
3	4800	47.66	-12.81	74.00	26.34	150	270	Horizontal
4	6747	46.85	-10.21	74.00	27.15	150	245	Horizontal
5	9603	50.02	-6.60	74.00	23.98	150	120	Horizontal
6	13134	50.77	-1.08	74.00	23.23	150	351	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1282	43.48	3.13	74.00	30.52	150	128	Vertical
2	3969	44.52	-15.02	74.00	29.48	150	59	Vertical
3	4800	46.18	-12.81	74.00	27.82	150	117	Vertical
4	6000	47.46	-10.07	74.00	26.54	150	249	Vertical
5	8994	49.26	-7.74	74.00	24.74	150	49	Vertical
6	13812	50.53	-0.27	74.00	23.47	150	239	Vertical

Mode:	DH5-2441
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1294	43.38	3.17	74.00	30.62	150	108	Horizontal
2	1878	46.93	7.03	74.00	27.07	150	69	Horizontal
3	4878	50.23	-12.75	74.00	23.77	150	119	Horizontal
4	7317	46.43	-9.86	74.00	27.57	150	106	Horizontal
5	9759	49.49	-5.90	74.00	24.51	150	109	Horizontal
6	12723	49.76	-1.95	74.00	24.24	150	87	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1408	43.45	3.26	74.00	30.55	150	353	Vertical
2	1824	45.54	6.46	74.00	28.46	150	254	Vertical
3	3849	45.09	-15.37	74.00	28.91	150	326	Vertical
4	4878	47.01	-12.75	74.00	26.99	150	62	Vertical
5	6312	46.07	-10.56	74.00	27.93	150	223	Vertical
6	9282	48.09	-7.10	74.00	25.91	150	360	Vertical

Mode:	DH5-2480
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1386	43.76	3.19	74.00	30.24	150	195	Horizontal
2	1796	45.11	6.17	74.00	28.89	150	134	Horizontal
3	3318	42.99	-16.54	74.00	31.01	150	234	Horizontal
4	4956	52.05	-13.20	74.00	21.95	150	116	Horizontal
5	7170	45.94	-10.27	74.00	28.06	150	221	Horizontal
6	9198	47.24	-6.69	74.00	26.76	150	224	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1600	46.22	4.23	74.00	27.78	150	224	Vertical
2	3243	43.62	-16.71	74.00	30.38	150	217	Vertical
3	4956	48.32	-13.20	74.00	25.68	150	233	Vertical
4	6000	48.15	-10.07	74.00	25.85	150	4	Vertical
5	8724	48.99	-8.32	74.00	25.01	150	49	Vertical
6	9915	48.63	-6.60	74.00	25.37	150	84	Vertical

Mode:	2DH5-2402
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1258	43.15	3.06	74.00	30.85	150	159	Horizontal
2	1786	46.05	6.06	74.00	27.95	150	159	Horizontal
3	4800	46.80	-12.81	74.00	27.20	150	122	Horizontal
4	6924	46.93	-10.19	74.00	27.07	150	292	Horizontal
5	9603	48.67	-6.60	74.00	25.33	150	100	Horizontal
6	12732	51.31	-1.84	74.00	22.69	150	151	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1600	45.34	4.23	74.00	28.66	150	262	Vertical
2	3801	43.99	-14.91	74.00	30.01	150	82	Vertical
3	6000	47.18	-10.07	74.00	26.82	150	124	Vertical
4	8874	47.66	-8.21	74.00	26.34	150	50	Vertical
5	10137	47.91	-5.31	74.00	26.09	150	233	Vertical
6	12105	49.75	-1.84	74.00	24.25	150	275	Vertical

Mode:	2DH5-2441
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1636	43.69	4.58	74.00	30.31	150	148	Horizontal
2	1978	47.80	7.85	74.00	26.20	150	207	Horizontal
3	4800	47.54	-12.81	74.00	26.46	150	309	Horizontal
4	6072	45.84	-10.75	74.00	28.16	150	112	Horizontal
5	9603	50.25	-6.60	74.00	23.75	150	83	Horizontal
6	11328	49.66	-4.13	74.00	24.34	150	172	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1596	45.23	4.20	74.00	28.77	150	205	Vertical
2	4800	45.29	-12.81	74.00	28.71	150	273	Vertical
3	6000	48.05	-10.07	74.00	25.95	150	84	Vertical
4	8997	48.78	-7.74	74.00	25.22	150	46	Vertical
5	9603	48.81	-6.60	74.00	25.19	150	90	Vertical
6	12423	49.66	-2.45	74.00	24.34	150	164	Vertical

Mode:	2DH5-2480
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1294	43.42	3.17	74.00	30.58	150	199	Horizontal
2	1826	45.46	6.48	74.00	28.54	150	102	Horizontal
3	4956	51.95	-13.20	74.00	22.05	150	122	Horizontal
4	7683	46.49	-9.60	74.00	27.51	150	30	Horizontal
5	9729	48.00	-6.17	74.00	26.00	150	291	Horizontal
6	11811	49.09	-2.86	74.00	24.91	150	8	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1350	44.03	3.07	74.00	29.97	150	321	Vertical
2	1752	45.43	5.65	74.00	28.57	150	184	Vertical
3	4956	48.06	-13.20	74.00	25.94	150	308	Vertical
4	6891	46.01	-10.29	74.00	27.99	150	336	Vertical
5	9915	48.94	-6.60	74.00	25.06	150	104	Vertical
6	11607	50.23	-3.46	74.00	23.77	150	263	Vertical

Mode:	3DH5-2402
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NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1216	43.29	3.09	74.00	30.71	150	141	Horizontal
2	1844	46.69	6.66	74.00	27.31	150	167	Horizontal
3	4800	47.30	-12.81	74.00	26.70	150	314	Horizontal
4	6819	45.92	-9.89	74.00	28.08	150	356	Horizontal
5	9603	49.88	-6.60	74.00	24.12	150	81	Horizontal
6	12240	50.16	-2.91	74.00	23.84	150	199	Horizontal

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1260	44.24	3.06	74.00	29.76	150	162	Vertical
2	2008	48.32	8.17	74.00	25.68	150	41	Vertical
3	4896	45.26	-12.33	74.00	28.74	150	332	Vertical
4	7002	45.91	-9.57	74.00	28.09	150	202	Vertical
5	8991	48.76	-7.73	74.00	25.24	150	46	Vertical
6	11901	49.73	-2.73	74.00	24.27	150	202	Vertical

Mode:	3DH5-2441
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1272	43.69	3.10	74.00	30.31	150	285	Horizontal
2	2034	47.82	8.27	74.00	26.18	150	6	Horizontal
3	4878	49.99	-12.75	74.00	24.01	150	116	Horizontal
4	6960	45.62	-9.97	74.00	28.38	150	232	Horizontal
5	9759	49.83	-5.90	74.00	24.17	150	120	Horizontal
6	11781	49.45	-3.06	74.00	24.55	150	292	Horizontal

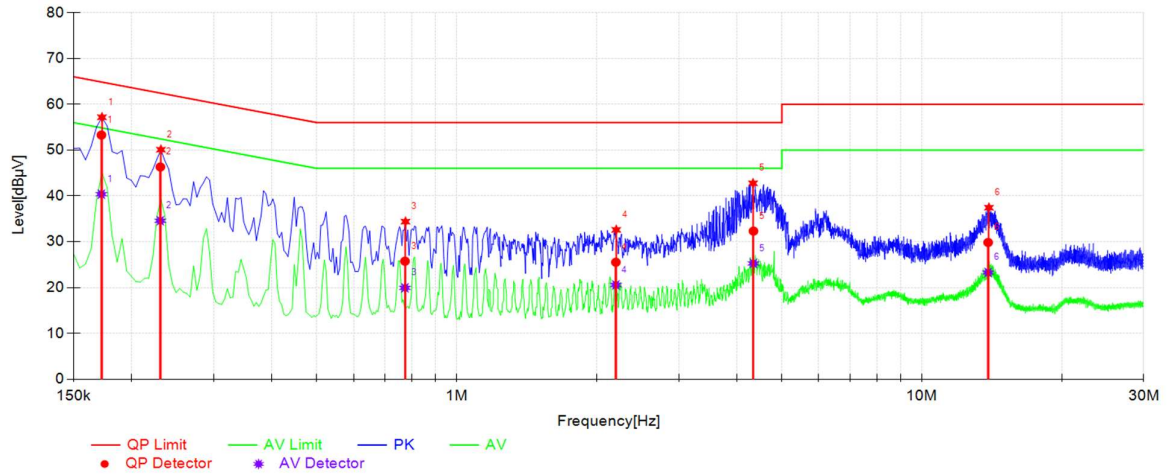
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1282	43.62	3.13	74.00	30.38	150	18	Vertical
2	1878	46.73	7.03	74.00	27.27	150	6	Vertical
3	4878	46.83	-12.75	74.00	27.17	150	234	Vertical
4	6882	47.13	-10.27	74.00	26.87	150	143	Vertical
5	9009	48.83	-7.77	74.00	25.17	150	42	Vertical
6	12096	49.24	-1.82	74.00	24.76	150	339	Vertical

Mode:	3DH5-2480
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1454	44.05	3.35	74.00	29.95	150	234	Horizontal
2	1910	46.62	7.31	74.00	27.38	150	144	Horizontal
3	4956	51.50	-13.20	74.00	22.50	150	116	Horizontal
4	6432	46.79	-10.51	74.00	27.21	150	155	Horizontal
5	9915	49.66	-6.60	74.00	24.34	150	100	Horizontal
6	12735	49.93	-1.81	74.00	24.07	150	84	Horizontal

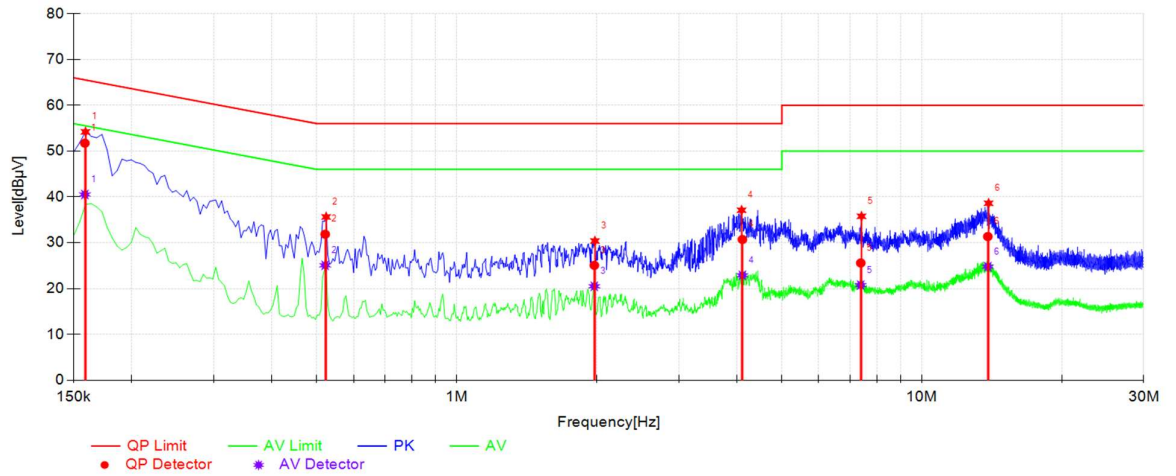
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1306	43.71	3.18	74.00	30.29	150	95	Vertical
2	1694	44.69	5.11	74.00	29.31	150	70	Vertical
3	4956	48.33	-13.20	74.00	25.67	150	52	Vertical
4	6000	49.04	-10.07	74.00	24.96	150	128	Vertical
5	8994	48.47	-7.74	74.00	25.53	150	49	Vertical
6	13077	49.98	-1.40	74.00	24.02	150	360	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	0.1720	10.26	53.29	64.87	11.58	40.38	54.87	14.49	L1	PASS
2	0.2303	10.26	46.33	62.44	16.11	34.58	52.44	17.86	L1	PASS
3	0.7734	10.27	25.76	56.00	30.24	19.94	46.00	26.06	L1	PASS
4	2.1976	10.29	25.53	56.00	30.47	20.57	46.00	25.43	L1	PASS
5	4.3438	10.32	32.33	56.00	23.67	25.27	46.00	20.73	L1	PASS
6	13.8872	10.54	29.85	60.00	30.15	23.29	50.00	26.71	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	0.1585	10.26	51.74	65.54	13.80	40.53	55.54	15.01	N	PASS
2	0.5209	10.28	31.86	56.00	24.14	25.08	46.00	20.92	N	PASS
3	1.9753	10.29	25.07	56.00	30.93	20.50	46.00	25.50	N	PASS
4	4.1128	10.41	30.72	56.00	25.28	22.90	46.00	23.10	N	PASS
5	7.3895	10.43	25.59	60.00	34.41	20.76	50.00	29.24	N	PASS
6	13.8653	10.54	31.36	60.00	28.64	24.78	50.00	25.22	N	PASS