

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.948	2401.538	2402.486	---	---
		2441	0.942	2440.538	2441.480	---	---
		2480	0.963	2479.535	2480.498	---	---
2DH5	Ant1	2402	1.314	2401.346	2402.660	---	---
		2441	1.272	2440.370	2441.642	---	---
		2480	1.281	2479.370	2480.651	---	---
3DH5	Ant1	2402	1.260	2401.364	2402.624	---	---
		2441	1.272	2440.358	2441.630	---	---
		2480	1.254	2479.364	2480.618	---	---

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 B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.87845	2401.5629	2402.4414	---	---
		2441	0.88327	2440.5580	2441.4413	---	---
		2480	0.88805	2479.5605	2480.4486	---	---
2DH5	Ant1	2402	1.1883	2401.4066	2402.5949	---	---
		2441	1.1786	2440.4103	2441.5889	---	---
		2480	1.1716	2479.4152	2480.5868	---	---
3DH5	Ant1	2402	1.1601	2401.4230	2402.5831	---	---
		2441	1.1668	2440.4202	2441.5870	---	---
		2480	1.1580	2479.4228	2480.5808	---	---

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 C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.51	≤30	PASS
		2441	1.39	≤30	PASS
		2480	1.33	≤30	PASS
2DH5	Ant1	2402	2.2	≤20.97	PASS
		2441	2.05	≤20.97	PASS
		2480	2.05	≤20.97	PASS
3DH5	Ant1	2402	2.85	≤20.97	PASS
		2441	2.6	≤20.97	PASS
		2480	2.73	≤20.97	PASS

Test Mode	Antenna	Frequency[MHz]	E.I.R.P [dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	3.32	≤36	PASS
		2441	3.2	≤36	PASS
		2480	3.14	≤36	PASS
2DH5	Ant1	2402	4.01	≤36	PASS
		2441	3.86	≤36	PASS
		2480	3.86	≤36	PASS
3DH5	Ant1	2402	4.66	≤36	PASS
		2441	4.41	≤36	PASS
		2480	4.54	≤36	PASS

Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.012	≥ 0.963	PASS
2DH5	Ant1	Hop	1.018	≥ 0.876	PASS
3DH5	Ant1	Hop	0.972	≥ 0.848	PASS

Test Graphs

DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop

Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.868	106.67	0.306	≤0.4	PASS
2DH5	Ant1	Hop	2.879	106.67	0.307	≤0.4	PASS
3DH5	Ant1	Hop	2.879	106.67	0.307	≤0.4	PASS

Test Graphs

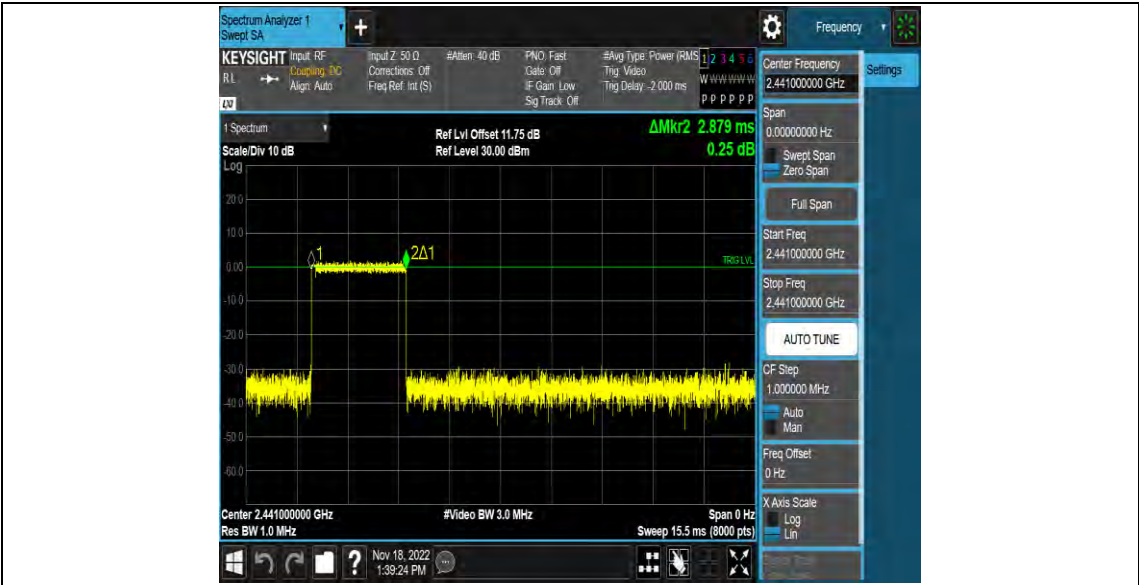
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop



Appendix F: Number of hopping channels

Test Result

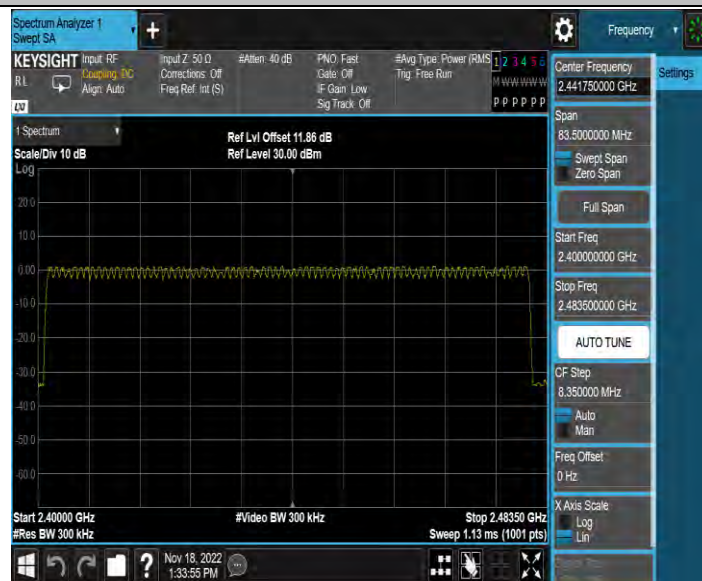
TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

Test Graphs

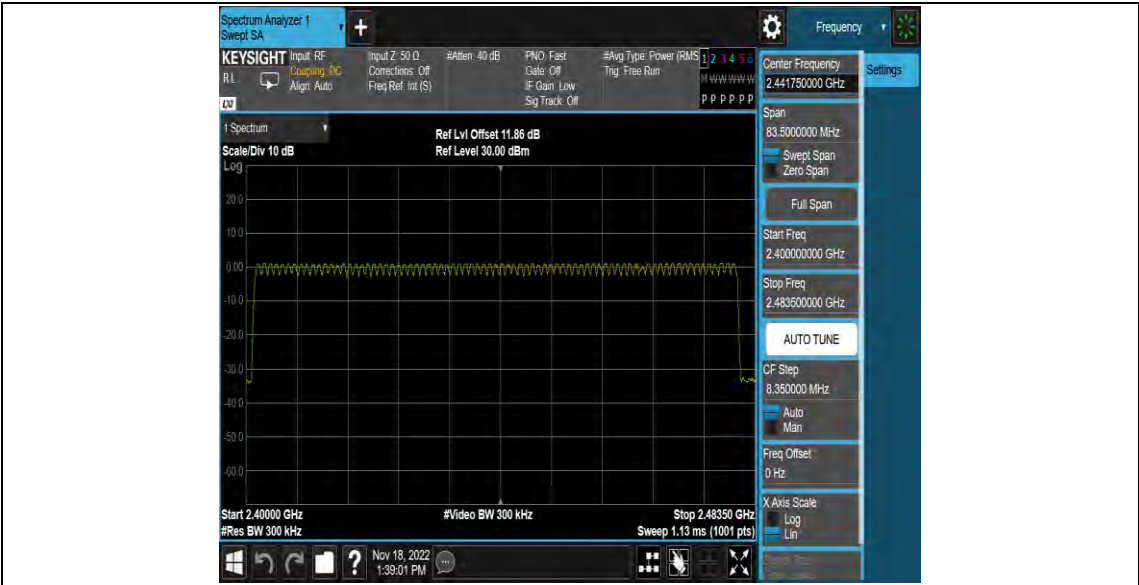
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop



Appendix G: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.77	-45.93	≤-19.23	PASS
		High	2480	0.67	-46.9	≤-19.33	PASS
		Low	Hop_2402	0.61	-46.21	≤-19.39	PASS
		High	Hop_2480	0.59	-46.35	≤-19.41	PASS
2DH5	Ant1	Low	2402	0.83	-46.7	≤-19.18	PASS
		High	2480	0.22	-46.63	≤-19.78	PASS
		Low	Hop_2402	0.66	-45.94	≤-19.34	PASS
		High	Hop_2480	0.06	-45.86	≤-19.94	PASS
3DH5	Ant1	Low	2402	0.75	-46.71	≤-19.25	PASS
		High	2480	0.71	-47.21	≤-19.29	PASS
		Low	Hop_2402	-0.83	-45.44	≤-20.83	PASS
		High	Hop_2480	0.74	-46.05	≤-19.26	PASS

Test Graphs

DH5_Ant1_Low_2402



DH5_Ant1_High_2480



DH5_Ant1_Low_Hop_2402



DH5_Ant1_High_Hop_2480



2DH5_Ant1_High_Hop_2480



2DH5_Ant1_Low_2402

2DH5_Ant1_High_2480



2DH5_Ant1_Low_Hop_2402



2DH5_Ant1_High_Hop_2480



3DH5_Ant1_Low_2402



3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480



Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	0.82	0.82	---	PASS
			30~1000	0.82	-57.82	≤-19.18	PASS
			1000~26500	0.82	-42.81	≤-19.18	PASS
		2441	Reference	0.69	0.69	---	PASS
			30~1000	0.69	-58.5	≤-19.31	PASS
			1000~26500	0.69	-44.05	≤-19.31	PASS
		2480	Reference	0.66	0.66	---	PASS
			30~1000	0.66	-56.34	≤-19.34	PASS
			1000~26500	0.66	-41.52	≤-19.34	PASS
2DH5	Ant1	2402	Reference	0.65	0.65	---	PASS
			30~1000	0.65	-56.31	≤-19.35	PASS
			1000~26500	0.65	-44.21	≤-19.35	PASS
		2441	Reference	0.51	0.51	---	PASS
			30~1000	0.51	-58.67	≤-19.49	PASS
			1000~26500	0.51	-44.46	≤-19.49	PASS
		2480	Reference	0.44	0.44	---	PASS
			30~1000	0.44	-47.41	≤-19.56	PASS
			1000~26500	0.44	-41.67	≤-19.56	PASS
3DH5	Ant1	2402	Reference	0.85	0.85	---	PASS
			30~1000	0.85	-55.91	≤-19.15	PASS
			1000~26500	0.85	-44.11	≤-19.15	PASS
		2441	Reference	0.69	0.69	---	PASS
			30~1000	0.69	-57.59	≤-19.31	PASS
			1000~26500	0.69	-44.72	≤-19.31	PASS
		2480	Reference	0.65	0.65	---	PASS
			30~1000	0.65	-58.55	≤-19.35	PASS
			1000~26500	0.65	-42.14	≤-19.35	PASS

Test Graphs

DH5_Ant1_2402_0~Reference



DH5_Ant1_2402_30~1000



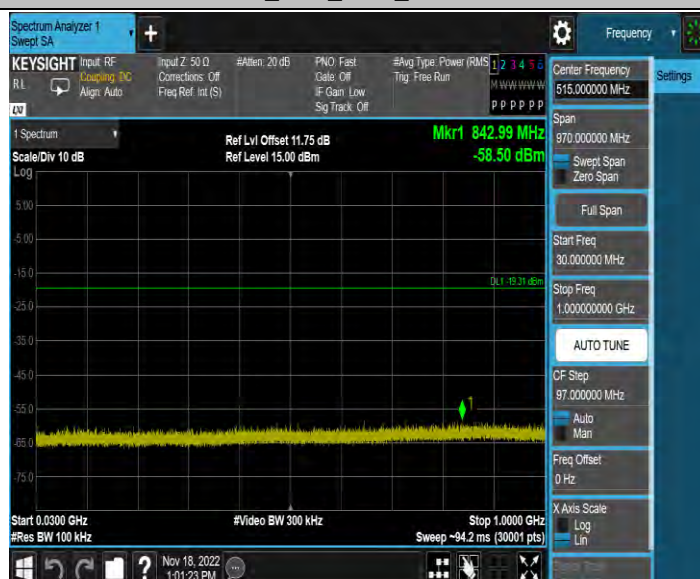
DH5_Ant1_2402_1000~26500



DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000



DH5_Ant1_2441_1000~26500



DH5_Ant1_2480_0~Reference



DH5_Ant1_2480_30~1000



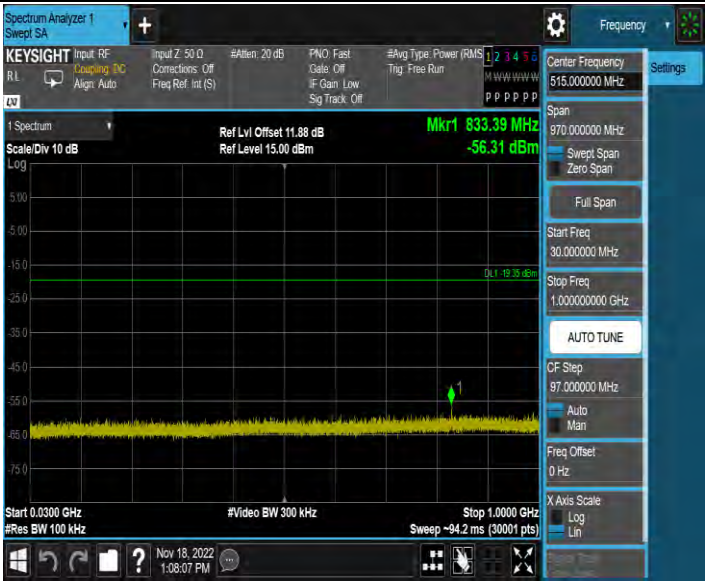
DH5_Ant1_2480_1000~26500



2DH5_Ant1_2402_0~Reference



2DH5_Ant1_2402_30~1000



2DH5_Ant1_2402_1000~26500



2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000



2DH5_Ant1_2441_1000~26500



2DH5_Ant1_2480_0~Reference



2DH5_Ant1_2480_30~1000



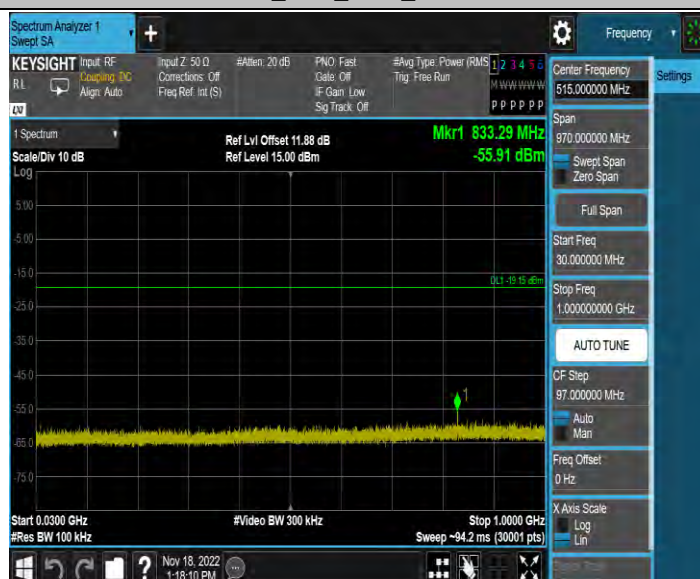
2DH5_Ant1_2480_1000~26500



3DH5_Ant1_2402_0~Reference



3DH5_Ant1_2402_30~1000



3DH5_Ant1_2402_1000~26500



3DH5_Ant1_2441_0~Reference



3DH5_Ant1_2441_30~1000



3DH5_Ant1_2441_1000~26500



3DH5_Ant1_2480_0~Reference



3DH5_Ant1_2480_30~1000



Spectrum Analyzer 1 Sweep SA Frequency



Appendix I: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]
DH5	Ant1	2402	2.87	3.76	76.33
		2441	2.87	3.75	76.53
		2480	2.87	3.75	76.53
2DH5	Ant1	2402	2.87	3.74	76.74
		2441	2.88	3.75	76.80
		2480	2.89	3.75	77.07
3DH5	Ant1	2402	2.88	3.75	76.80
		2441	2.89	3.76	76.86
		2480	2.88	3.75	76.80

Duty Cycle Correction Factor Consideration for AFH mode:

Bluetooth normal hopping rate is 1600Hz and reduced to 800Hz in AFH mode; due to the reduced number of hopping frequencies, with the same packet configuration the dwell time in each channel frequency within 100msec period is longer in AFH mode than normal mode.

In AFH mode, the minimum hopping frequencies are 20, to get the longest dwell time DH5 packet is observed; the on time period to have DH5 packet completing one hopping sequence is

$$2.89 \text{ ms} \times 20 \text{ channels} = 57.8\text{ms}$$

There cannot be 2 complete hopping sequences within 100ms period, considering the random hopping behavior, maximum 2 hops can be possibly observed within the period. $[100 \text{ ms} / 57.8 \text{ ms}] = 2$ hops Thus, the maximum possible ON time:

$$2.89 \text{ ms} \times 2 = 5.78\text{ms}$$

Worst case Duty Cycle Correction factor, which is derived from the maximum possible ON time,

$$20 \times \log(5.78 \text{ ms}/100 \text{ ms}) = -24.76 \text{ dB}$$

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



Appendix L: Emissions in Restricted Bands

Test Result

Mode:	DH5-2402
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PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2310	39.65	47.11	7.46	74.00	26.89	Horizontal	PASS
2	2320.49	41.86	49.32	7.46	74.00	24.68	Horizontal	PASS
3	2334.98	41.90	49.35	7.45	74.00	24.65	Horizontal	PASS
4	2358.04	40.61	48.07	7.46	74.00	25.93	Horizontal	PASS
5	2365.25	40.96	48.42	7.46	74.00	25.58	Horizontal	PASS
6	2390	39.69	47.14	7.45	74.00	26.86	Horizontal	PASS

PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2310	39.65	47.11	7.46	74.00	26.89	Vertical	PASS
2	2324.57	41.44	48.89	7.45	74.00	25.11	Vertical	PASS
3	2334.98	41.44	48.89	7.45	74.00	25.11	Vertical	PASS
4	2352.68	40.95	48.40	7.45	74.00	25.60	Vertical	PASS
5	2370.22	40.96	48.41	7.45	74.00	25.59	Vertical	PASS
6	2390	39.92	47.37	7.45	74.00	26.63	Vertical	PASS

Mode:	DH5-2480
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PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2483.5	40.14	48.10	7.96	74.00	25.90	Horizonta	PASS
2	2487.32	41.37	49.36	7.99	74.00	24.64	Horizonta	PASS
3	2491.63	41.48	49.49	8.01	74.00	24.51	Horizonta	PASS
4	2494.22	41.57	49.59	8.02	74.00	24.41	Horizonta	PASS
5	2495.59	41.80	49.84	8.04	74.00	24.16	Horizonta	PASS
6	2500	40.20	48.26	8.06	74.00	25.74	Horizonta	PASS

PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2483.5	39.79	47.75	7.96	74.00	26.25	Vertical	PASS
2	2485.19	41.68	49.65	7.97	74.00	24.35	Vertical	PASS
3	2487.39	41.54	49.53	7.99	74.00	24.47	Vertical	PASS
4	2494.55	40.90	48.92	8.02	74.00	25.08	Vertical	PASS
5	2495.97	42.06	50.10	8.04	74.00	23.90	Vertical	PASS
6	2500	39.86	47.92	8.06	74.00	26.08	Vertical	PASS

Mode:	2DH5-2402
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PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2310	40.32	47.78	7.46	74.00	26.22	Horizontal	PASS
2	2323.61	41.04	48.49	7.45	74.00	25.51	Horizontal	PASS
3	2336.98	41.29	48.75	7.46	74.00	25.25	Horizontal	PASS
4	2350.36	41.34	48.79	7.45	74.00	25.21	Horizontal	PASS
5	2356.36	40.58	48.04	7.46	74.00	25.96	Horizontal	PASS
6	2390	39.85	47.30	7.45	74.00	26.70	Horizontal	PASS

PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2310	39.79	47.25	7.46	74.00	26.75	Vertical	PASS
2	2328.65	41.49	48.95	7.46	74.00	25.05	Vertical	PASS
3	2339.06	41.13	48.59	7.46	74.00	25.41	Vertical	PASS
4	2356.04	40.52	47.98	7.46	74.00	26.02	Vertical	PASS
5	2366.45	41.55	49.01	7.46	74.00	24.99	Vertical	PASS
6	2390	39.78	47.23	7.45	74.00	26.77	Vertical	PASS

Mode:	2DH5-2480
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PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2483.5	39.88	47.84	7.96	74.00	26.16	Horizontal	PASS
2	2487.70	41.29	49.28	7.99	74.00	24.72	Horizontal	PASS
3	2490.44	41.97	49.97	8.00	74.00	24.03	Horizontal	PASS
4	2492.32	41.72	49.73	8.01	74.00	24.27	Horizontal	PASS
5	2493.58	42.02	50.04	8.02	74.00	23.96	Horizontal	PASS
6	2500	40.35	48.41	8.06	74.00	25.59	Horizontal	PASS

PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2483.5	39.43	47.39	7.96	74.00	26.61	Vertical	PASS
2	2487.21	40.96	48.94	7.98	74.00	25.06	Vertical	PASS
3	2492.11	40.96	48.97	8.01	74.00	25.03	Vertical	PASS
4	2495.11	40.80	48.84	8.04	74.00	25.16	Vertical	PASS
5	2496.71	40.67	48.71	8.04	74.00	25.29	Vertical	PASS
6	2500	40.19	48.25	8.06	74.00	25.75	Vertical	PASS

Mode:	3DH5-2402
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PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dB μ V/m]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Polarity	Verdict
1	2310	40.10	47.56	7.46	74.00	26.44	Horizontal	PASS
2	2327.77	41.38	48.84	7.46	74.00	25.16	Horizontal	PASS
3	2344.75	41.81	49.26	7.45	74.00	24.74	Horizontal	PASS
4	2360.53	41.70	49.15	7.45	74.00	24.85	Horizontal	PASS
5	2373.58	41.07	48.52	7.45	74.00	25.48	Horizontal	PASS
6	2390	39.99	47.44	7.45	74.00	26.56	Horizontal	PASS

PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dB μ V/m]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Polarity	Verdict
1	2310	39.22	46.68	7.46	74.00	27.32	Vertical	PASS
2	2329.61	40.73	48.19	7.46	74.00	25.81	Vertical	PASS
3	2341.47	41.17	48.62	7.45	74.00	25.38	Vertical	PASS
4	2358.84	41.66	49.12	7.46	74.00	24.88	Vertical	PASS
5	2364.93	42.00	49.45	7.45	74.00	24.55	Vertical	PASS
6	2390	39.51	46.96	7.45	74.00	27.04	Vertical	PASS

Mode:	3DH5-2480
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PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dB μ V/m]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Polarity	Verdict
1	2483.5	40.32	48.28	7.96	74.00	25.72	Horizonta	PASS
2	2485.11	41.58	49.55	7.97	74.00	24.45	Horizonta	PASS
3	2491.09	42.27	50.27	8.00	74.00	23.73	Horizonta	PASS
4	2492.16	41.81	49.82	8.01	74.00	24.18	Horizonta	PASS
5	2493.89	41.15	49.17	8.02	74.00	24.83	Horizonta	PASS
6	2500	40.08	48.14	8.06	74.00	25.86	Horizonta	PASS

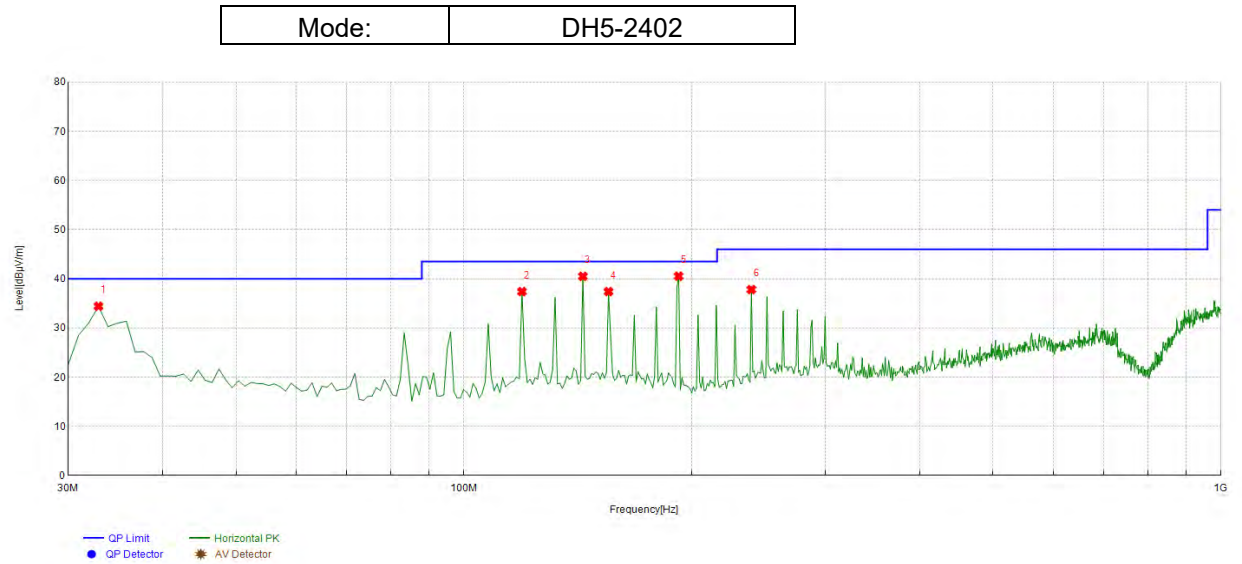
PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dB μ V/m]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Polarity	Verdict
1	2483.5	40.51	48.47	7.96	74.00	25.53	Vertical	PASS
2	2486.27	40.96	48.94	7.98	74.00	25.06	Vertical	PASS
3	2489.01	41.36	49.35	7.99	74.00	24.65	Vertical	PASS
4	2492.60	40.87	48.88	8.01	74.00	25.12	Vertical	PASS
5	2495.72	41.22	49.26	8.04	74.00	24.74	Vertical	PASS
6	2500	39.13	47.19	8.06	74.00	26.81	Vertical	PASS

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.

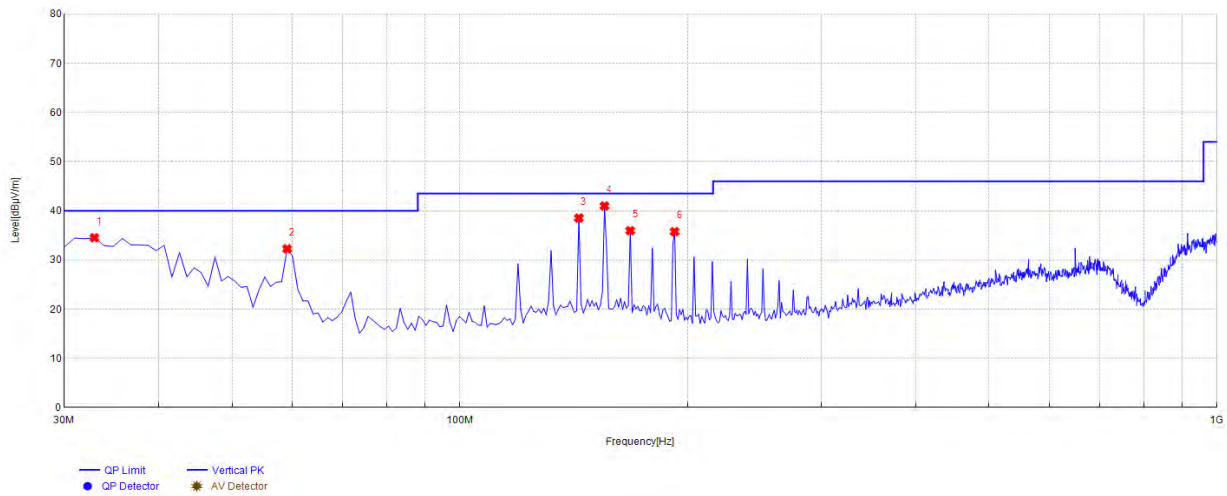
Appendix L: Spurious emissions

The worst case was recorded.



NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	32.9129	51.08	34.41	-16.67	40.00	5.59	Horizontal	PASS
2	119.329	55.81	37.39	-18.42	43.50	6.11	Horizontal	PASS
3	143.603	57.46	40.49	-16.97	43.50	3.01	Horizontal	PASS
4	155.255	53.91	37.39	-16.52	43.50	6.11	Horizontal	PASS
5	192.152	59.58	40.52	-19.06	43.50	2.98	Horizontal	PASS
6	239.729	56.37	37.80	-18.57	46.00	8.20	Horizontal	PASS

Mode:	DH5-2402
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NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Verdict
1	32.9129	51.19	34.52	-16.67	40.00	5.48	Vertical	PASS
2	59.1291	49.77	32.27	-17.50	40.00	7.73	Vertical	PASS
3	143.603	55.49	38.52	-16.97	43.50	4.98	Vertical	PASS
4	155.255	57.49	40.97	-16.52	43.50	2.53	Vertical	PASS
5	167.877	53.06	35.95	-17.11	43.50	7.55	Vertical	PASS
6	192.152	54.82	35.76	-19.06	43.50	7.74	Vertical	PASS

Mode:	DH5-2402
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PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	3480.16	57.64	41.88	-15.76	74.00	32.12	Horizontal	PASS
2	4805.60	63.64	51.38	-12.26	74.00	22.62	Horizontal	PASS
3	5705.90	55.95	45.25	-10.70	74.00	28.75	Horizontal	PASS
4	7206.40	56.89	47.58	-9.31	74.00	26.42	Horizontal	PASS
5	9607.20	65.08	59.09	-5.99	74.00	14.91	Horizontal	PASS
6	12558.1	50.65	49.33	-1.32	74.00	24.67	Horizontal	PASS

AV Data List								
NO.	Freq. [MHz]	PK Level [dBμV/m]	DC Factor [dB]	AV Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	9607.20	59.09	-24.76	34.33	54.00	19.67	Horizontal	PASS

PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	3950.31	62.48	47.85	-14.63	74.00	26.15	Vertical	PASS
2	4805.60	63.91	51.65	-12.26	74.00	22.35	Vertical	PASS
3	7206.40	56.82	47.51	-9.31	74.00	26.49	Vertical	PASS
4	9607.20	65.14	59.15	-5.99	74.00	14.85	Vertical	PASS
5	12078.0	50.13	48.80	-1.33	74.00	25.20	Vertical	PASS
6	17459.8	48.02	53.40	5.38	74.00	20.60	Vertical	PASS

AV Data List								
NO.	Freq. [MHz]	PK Level [dBμV/m]	DC Factor [dB]	AV Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	9607.20	59.15	-24.76	34.49	54.00	19.73	Vertical	PASS

Mode:	DH5-2441
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PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	3815.27	58.87	43.80	-15.07	74.00	30.20	Horizontal	PASS
2	4880.62	63.52	50.57	-12.95	74.00	23.43	Horizontal	PASS
3	6416.13	55.51	45.71	-9.80	74.00	28.29	Horizontal	PASS
4	9762.25	63.75	57.65	-6.10	74.00	16.35	Horizontal	PASS
5	13243.4	49.15	49.25	0.10	74.00	24.75	Horizontal	PASS
6	16959.6	48.74	53.66	4.92	74.00	20.34	Horizontal	PASS

AV Data List								
NO.	Freq. [MHz]	PK Level [dBμV/m]	DC Factor [dB]	AV Level [dBμV/m]	Limit [dBμV/ m]	Margin [dB]	Polarity	Verdict
1	9762.25	57.65	-24.76	32.89	54.00	21.11	Horizontal	PASS

PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	3935.31	59.62	45.12	-14.50	74.00	28.88	Vertical	PASS
2	4880.62	64.25	51.30	-12.95	74.00	22.70	Vertical	PASS
3	6581.19	55.69	45.89	-9.80	74.00	28.11	Vertical	PASS
4	9762.25	65.04	58.94	-6.10	74.00	15.06	Vertical	PASS
5	14333.7	48.91	49.66	0.75	74.00	24.34	Vertical	PASS
6	17449.8	47.98	53.25	5.27	74.00	20.75	Vertical	PASS

AV Data List								
NO.	Freq. [MHz]	PK Level [dBμV/m]	DC Factor [dB]	AV Level [dBμV/m]	Limit [dBμV/ m]	Margin [dB]	Polarity	Verdict
1	9762.25	58.94	-24.76	34.18	54.00	19.82	Vertical	PASS

Mode:	DH5-2480
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PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	1064.06	39.75	40.88	1.13	74.00	33.12	Horizontal	PASS
2	3935.31	59.38	44.88	-14.50	74.00	29.12	Horizontal	PASS
3	4960.65	64.05	51.14	-12.91	74.00	22.86	Horizontal	PASS
4	6136.04	55.02	44.98	-10.04	74.00	29.02	Horizontal	PASS
5	9922.30	63.71	58.17	-5.54	74.00	15.83	Horizontal	PASS
6	12203.0	50.18	48.37	-1.81	74.00	25.63	Horizontal	PASS

AV Data List								
NO.	Freq. [MHz]	PK Level [dBμV/m]	DC Factor [dB]	AV Level [dBμV/m]	Limit [dBμV/ m]	Margin [dB]	Polarity	Verdict
1	9922.30	58.17	-24.76	33.41	54.00	20.59	Horizontal	PASS

PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	4250.41	58.24	43.94	-14.30	74.00	30.06	Vertical	PASS
2	4960.65	62.79	49.88	-12.91	74.00	24.12	Vertical	PASS
3	6076.02	55.57	45.56	-10.01	74.00	28.44	Vertical	PASS
4	8416.80	53.73	46.31	-7.42	74.00	27.69	Vertical	PASS
5	9922.30	64.31	58.77	-5.54	74.00	15.23	Vertical	PASS
6	17104.7	47.92	52.89	4.97	74.00	21.11	Vertical	PASS

AV Data List								
NO.	Freq. [MHz]	PK Level [dBμV/m]	DC Factor [dB]	AV Level [dBμV/m]	Limit [dBμV/ m]	Margin [dB]	Polarity	Verdict
1	9922.30	58.77	-24.76	34.01	54.00	19.99	Vertical	PASS

Mode:	2DH5-2402
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PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	3960.32	58.22	43.50	-14.72	74.00	30.50	Horizontal	PASS
2	4805.60	62.63	50.37	-12.26	74.00	23.63	Horizontal	PASS
3	6216.07	55.43	45.39	-10.04	74.00	28.61	Horizontal	PASS
4	8156.71	54.01	46.19	-7.82	74.00	27.81	Horizontal	PASS
5	9607.20	64.97	58.98	-5.99	74.00	15.02	Horizontal	PASS
6	17274.7	47.51	52.96	5.45	74.00	21.04	Horizontal	PASS

AV Data List								
NO.	Freq. [MHz]	PK Level [dBμV/m]	DC Factor [dB]	AV Level [dBμV/m]	Limit [dBμV/ m]	Margin [dB]	Polarity	Verdict
1	9607.20	58.98	-24.76	34.22	54.00	19.78	Horizontal	PASS

PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	4225.40	57.36	43.14	-14.22	74.00	30.86	Vertical	PASS
2	4805.60	64.53	52.27	-12.26	74.00	21.73	Vertical	PASS
3	5265.75	62.42	50.33	-12.09	74.00	23.67	Vertical	PASS
4	6186.06	55.48	45.49	-9.99	74.00	28.51	Vertical	PASS
5	9607.20	64.90	58.91	-5.99	74.00	15.09	Vertical	PASS
6	17619.8	48.81	53.62	4.81	74.00	20.38	Vertical	PASS

AV Data List								
NO.	Freq. [MHz]	PK Level [dBμV/m]	DC Factor [dB]	AV Level [dBμV/m]	Limit [dBμV/ m]	Margin [dB]	Polarity	Verdict
1	9607.20	58.91	-24.76	34.15	54.00	19.85	Vertical	PASS

Mode:	2DH5-2441
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PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	3835.27	58.21	43.35	-14.86	74.00	30.65	Horizontal	PASS
2	4880.62	62.90	49.95	-12.95	74.00	24.05	Horizontal	PASS
3	5945.98	55.40	45.08	-10.32	74.00	28.92	Horizontal	PASS
4	9762.25	63.67	57.57	-6.10	74.00	16.43	Horizontal	PASS
5	12358.1	50.02	48.55	-1.47	74.00	25.45	Horizontal	PASS
6	17624.8	49.48	54.28	4.80	74.00	19.72	Horizontal	PASS

AV Data List								
NO.	Freq. [MHz]	PK Level [dBμV/m]	DC Factor [dB]	AV Level [dBμV/m]	Limit [dBμV/ m]	Margin [dB]	Polarity	Verdict
1	9762.25	57.57	-24.76	32.81	54.00	21.19	Horizontal	PASS
2	17624.8	54.28	-24.76	29.52	54.00	24.48	Horizontal	PASS

PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	4240.41	57.63	43.37	-14.26	74.00	30.63	Vertical	PASS
2	4880.62	63.65	50.70	-12.95	74.00	23.30	Vertical	PASS
3	6851.28	54.05	45.06	-8.99	74.00	28.94	Vertical	PASS
4	9762.25	64.85	58.75	-6.10	74.00	15.25	Vertical	PASS
5	13323.4	49.26	49.58	0.32	74.00	24.42	Vertical	PASS
6	17769.9	47.77	53.39	5.62	74.00	20.61	Vertical	PASS

AV Data List								
NO.	Freq. [MHz]	PK Level [dBμV/m]	DC Factor [dB]	AV Level [dBμV/m]	Limit [dBμV/ m]	Margin [dB]	Polarity	Verdict
1	9762.25	58.75	-24.76	33.99	54.00	20.01	Vertical	PASS

Mode:	2DH5-2480
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PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Verdict
1	3835.27	57.93	43.07	-14.86	74.00	30.93	Horizontal	PASS
2	4960.65	62.32	49.41	-12.91	74.00	24.59	Horizontal	PASS
3	5495.83	55.91	44.30	-11.61	74.00	29.70	Horizontal	PASS
4	9922.30	64.21	58.67	-5.54	74.00	15.33	Horizontal	PASS
5	11447.8	52.72	50.19	-2.53	74.00	23.81	Horizontal	PASS
6	16954.6	48.13	53.05	4.92	74.00	20.95	Horizontal	PASS

AV Data List								
NO.	Freq. [MHz]	PK Level [dBµV/m]	DC Factor [dB]	AV Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Verdict
1	9922.30	58.67	-24.76	33.91	54.00	20.09	Horizontal	PASS

PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Verdict
1	3955.31	60.92	46.25	-14.67	74.00	27.75	Vertical	PASS
2	4960.65	63.66	50.75	-12.91	74.00	23.25	Vertical	PASS
3	6821.27	54.33	45.45	-8.88	74.00	28.55	Vertical	PASS
4	8306.76	53.67	45.92	-7.75	74.00	28.08	Vertical	PASS
5	9922.30	63.23	57.69	-5.54	74.00	16.31	Vertical	PASS
6	14303.7	48.51	49.31	0.80	74.00	24.69	Vertical	PASS

AV Data List								
NO.	Freq. [MHz]	PK Level [dBµV/m]	DC Factor [dB]	AV Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Verdict
1	9922.30	57.69	-24.76	32.93	54.00	21.07	Vertical	PASS

Mode:	3DH5-2402
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PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	3850.28	57.87	43.16	-14.71	74.00	30.84	Horizontal	PASS
2	4805.60	64.41	52.15	-12.26	74.00	21.85	Horizontal	PASS
3	5610.87	56.18	44.80	-11.38	74.00	29.20	Horizontal	PASS
4	6901.30	55.42	46.26	-9.16	74.00	27.74	Horizontal	PASS
5	9607.20	65.39	59.40	-5.99	74.00	14.60	Horizontal	PASS
6	17329.7	47.49	52.90	5.41	74.00	21.10	Horizontal	PASS

AV Data List								
NO.	Freq. [MHz]	PK Level [dBμV/m]	DC Factor [dB]	AV Level [dBμV/m]	Limit [dBμV/ m]	Margin [dB]	Polarity	Verdict
1	9607.20	59.40	-24.76	34.64	54.00	19.36	Horizontal	PASS

PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	3870.29	59.31	44.81	-14.50	74.00	29.19	Vertical	PASS
2	4805.60	64.40	52.14	-12.26	74.00	21.86	Vertical	PASS
3	5965.98	55.17	45.04	-10.13	74.00	28.96	Vertical	PASS
4	7206.40	56.33	47.02	-9.31	74.00	26.98	Vertical	PASS
5	9607.20	64.92	58.93	-5.99	74.00	15.07	Vertical	PASS
6	13283.4	49.28	49.65	0.37	74.00	24.35	Vertical	PASS

AV Data List								
NO.	Freq. [MHz]	PK Level [dBμV/m]	DC Factor [dB]	AV Level [dBμV/m]	Limit [dBμV/ m]	Margin [dB]	Polarity	Verdict
1	9607.20	58.93	-24.76	34.17	54.00	19.83	Vertical	PASS

Mode:	3DH5-2441
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PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	3425.14	58.39	42.32	-16.07	74.00	31.68	Horizontal	PASS
2	4880.62	62.80	49.85	-12.95	74.00	24.15	Horizontal	PASS
3	7006.33	54.86	45.95	-8.91	74.00	28.05	Horizontal	PASS
4	9762.25	64.26	58.16	-6.10	74.00	15.84	Horizontal	PASS
5	13563.5	48.91	49.38	0.47	74.00	24.62	Horizontal	PASS
6	17314.7	48.23	53.77	5.54	74.00	20.23	Horizontal	PASS

AV Data List								
NO.	Freq. [MHz]	PK Level [dBμV/m]	DC Factor [dB]	AV Level [dBμV/m]	Limit [dBμV/ m]	Margin [dB]	Polarity	Verdict
1	9762.25	58.16	-24.76	33.40	54.00	20.6	Horizontal	PASS

PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	3945.31	59.19	44.60	-14.59	74.00	29.40	Vertical	PASS
2	4880.62	63.09	50.14	-12.95	74.00	23.86	Vertical	PASS
3	6051.01	55.85	45.91	-9.94	74.00	28.09	Vertical	PASS
4	7761.58	54.44	46.06	-8.38	74.00	27.94	Vertical	PASS
5	9762.25	65.06	58.96	-6.10	74.00	15.04	Vertical	PASS
6	17289.7	47.60	53.19	5.59	74.00	20.81	Vertical	PASS

AV Data List								
NO.	Freq. [MHz]	PK Level [dBμV/m]	DC Factor [dB]	AV Level [dBμV/m]	Limit [dBμV/ m]	Margin [dB]	Polarity	Verdict
1	9762.25	58.96	-24.76	34.20	54.00	19.80	Vertical	PASS

Mode:	3DH5-2480
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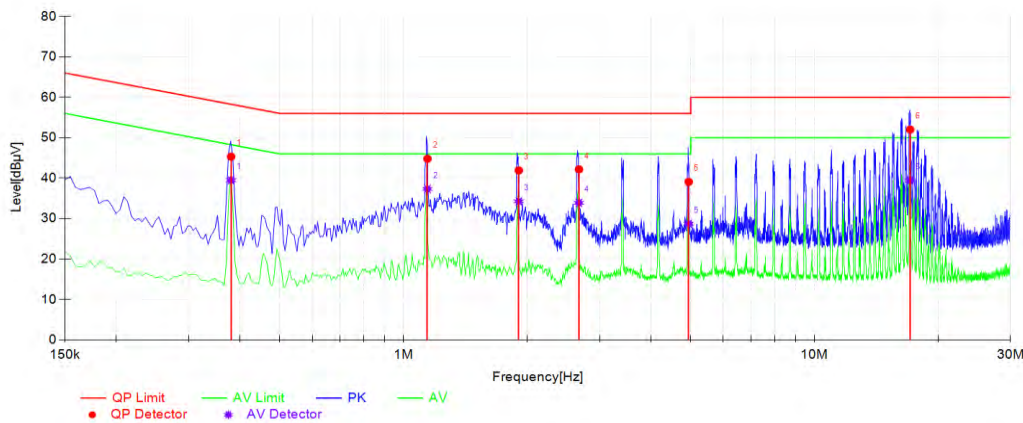
PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	3835.27	57.73	42.87	-14.86	74.00	31.13	Horizontal	PASS
2	4960.65	62.15	49.24	-12.91	74.00	24.76	Horizontal	PASS
3	5925.97	55.94	45.43	-10.51	74.00	28.57	Horizontal	PASS
4	7896.63	55.27	47.01	-8.26	74.00	26.99	Horizontal	PASS
5	9922.30	64.28	58.74	-5.54	74.00	15.26	Horizontal	PASS
6	13268.4	49.23	49.50	0.27	74.00	24.50	Horizontal	PASS

AV Data List								
NO.	Freq. [MHz]	PK Level [dBμV/m]	DC Factor [dB]	AV Level [dBμV/m]	Limit [dBμV/ m]	Margin [dB]	Polarity	Verdict
1	9922.30	58.74	-24.76	33.98	54.00	20.02	Horizontal	PASS

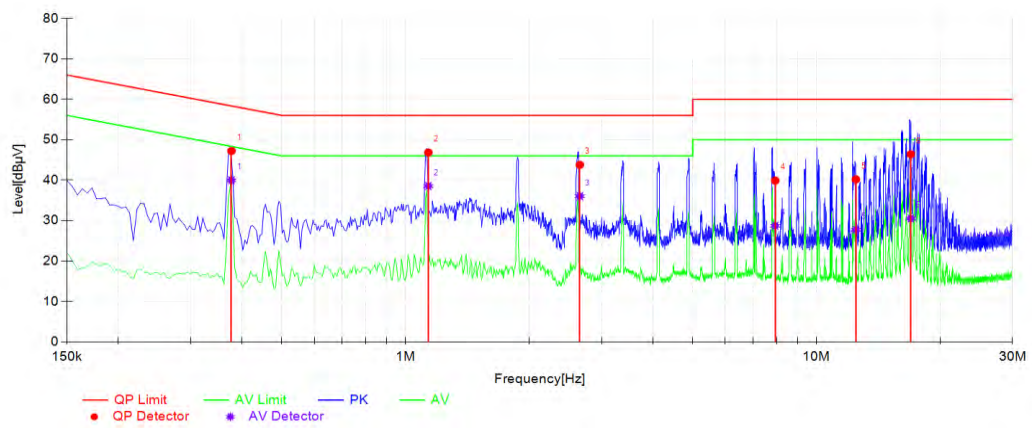
PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	4280.42	58.36	43.97	-14.39	74.00	30.03	Vertical	PASS
2	4960.65	63.88	50.97	-12.91	74.00	23.03	Vertical	PASS
3	5265.75	61.34	49.25	-12.09	74.00	24.75	Vertical	PASS
4	5840.94	55.30	44.52	-10.78	74.00	29.48	Vertical	PASS
5	9922.30	63.92	58.38	-5.54	74.00	15.62	Vertical	PASS
6	17639.8	48.64	53.43	4.79	74.00	20.57	Vertical	PASS

AV Data List								
NO.	Freq. [MHz]	PK Level [dBμV/m]	DC Factor [dB]	AV Level [dBμV/m]	Limit [dBμV/ m]	Margin [dB]	Polarity	Verdict
1	9922.30	58.38	-24.76	33.62	54.00	20.38	Vertical	PASS

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	0.3804	10.26	45.34	58.27	12.93	39.49	48.27	8.78	N	PASS
2	1.1435	10.28	44.79	56.00	11.21	37.33	46.00	8.67	N	PASS
3	1.9079	10.29	41.93	56.00	14.07	34.28	46.00	11.72	N	PASS
4	2.6726	10.33	42.19	56.00	13.81	33.91	46.00	12.09	N	PASS
5	4.9444	10.41	39.09	56.00	16.91	28.74	46.00	17.26	N	PASS
6	17.1082	10.60	52.03	60.00	7.97	39.40	50.00	10.60	N	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	0.3770	10.26	47.22	58.34	11.12	39.98	48.34	8.36	L1	PASS
2	1.1366	10.28	46.85	56.00	9.15	38.54	46.00	7.46	L1	PASS
3	2.6567	10.30	43.80	56.00	12.20	36.04	46.00	9.96	L1	PASS
4	7.9411	10.43	39.91	60.00	20.09	28.73	50.00	21.27	L1	PASS
5	12.4766	10.49	40.21	60.00	19.79	27.74	50.00	22.26	L1	PASS
6	16.9693	10.56	46.40	60.00	13.60	30.53	50.00	19.47	L1	PASS

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