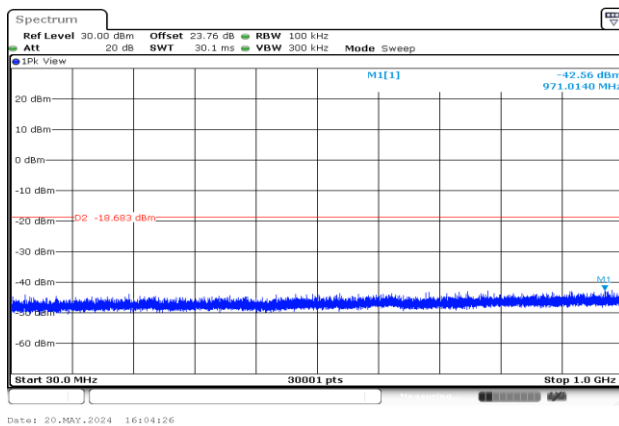


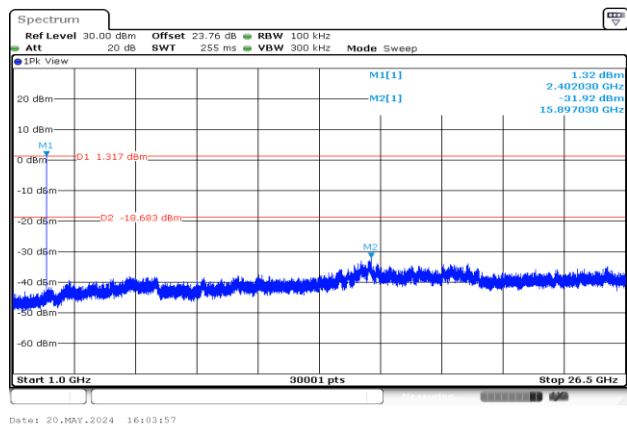


<3Mbps>

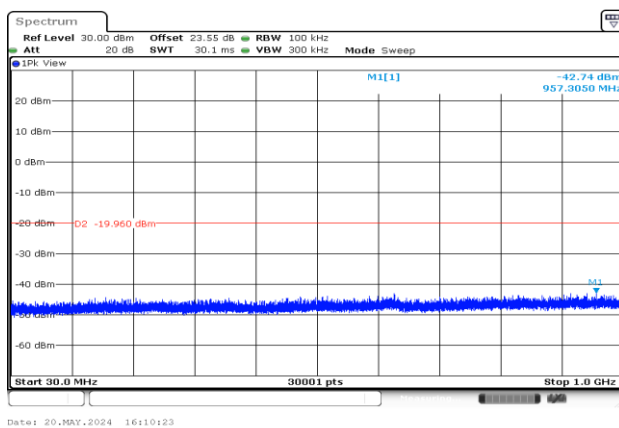
CSE Plot on Low Ch between 30MHz ~ 1 GHz



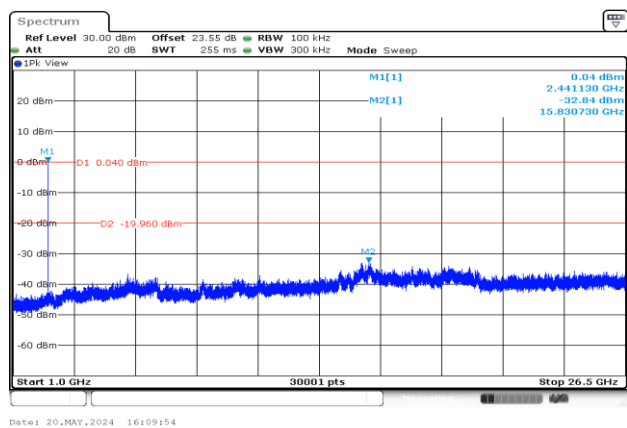
CSE Plot on Low Ch between 1GHz ~ 26.5GHz



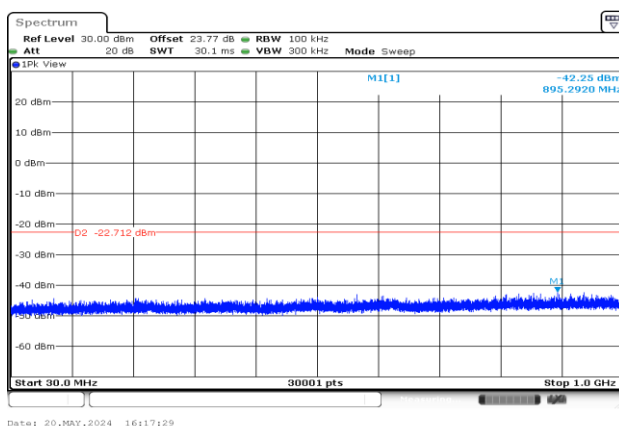
CSE Plot on Mid. Ch between 30MHz ~ 1 GHz



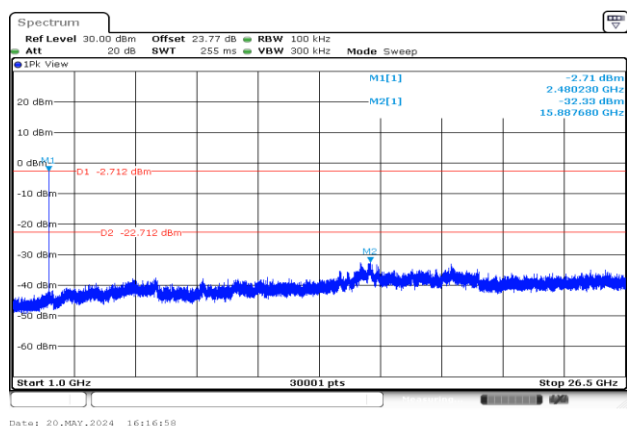
CSE Plot on Mid. Ch between 1GHz ~ 26.5GHz



CSE Plot on High Ch between 30MHz ~ 1 GHz



CSE Plot on High Ch between 1GHz ~ 26.5GHz





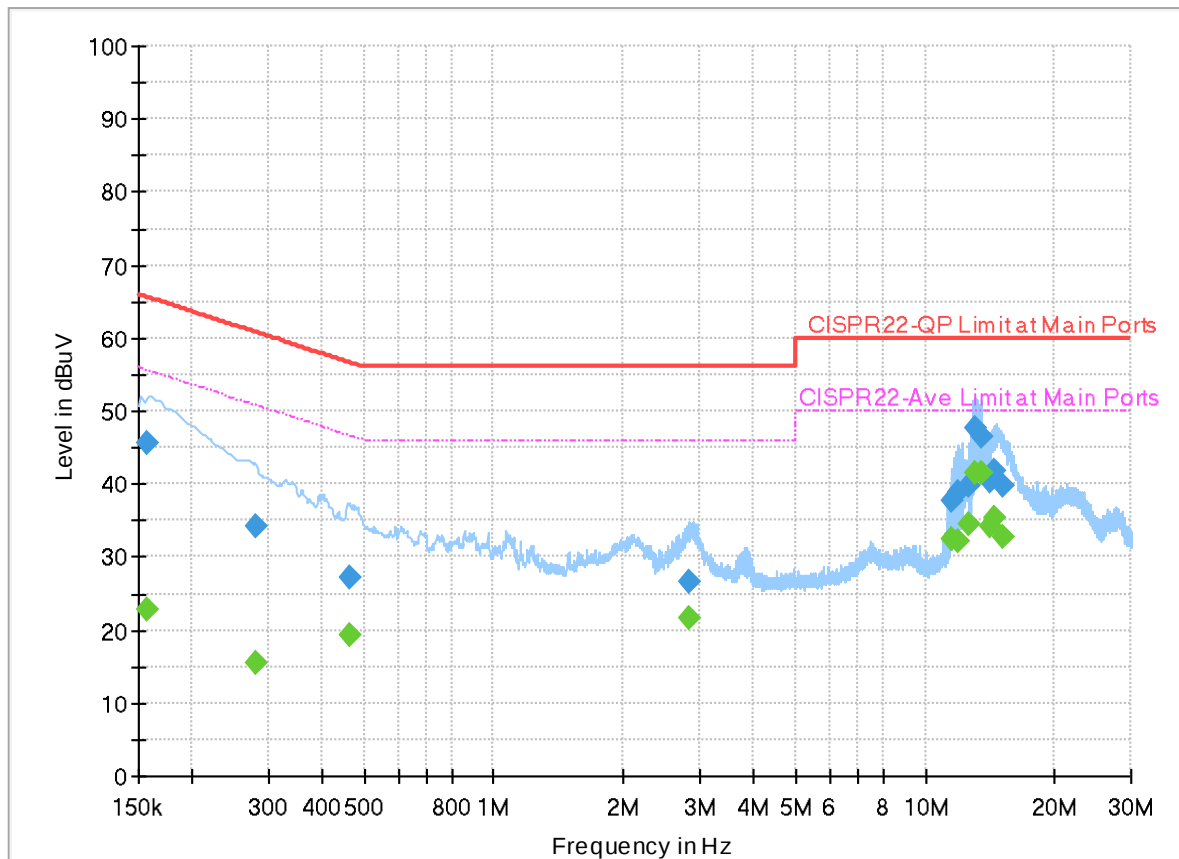
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	Temperature :	22.3~24.7°C
		Relative Humidity :	40.4~48.9%

EUT Information

Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



Final_Result

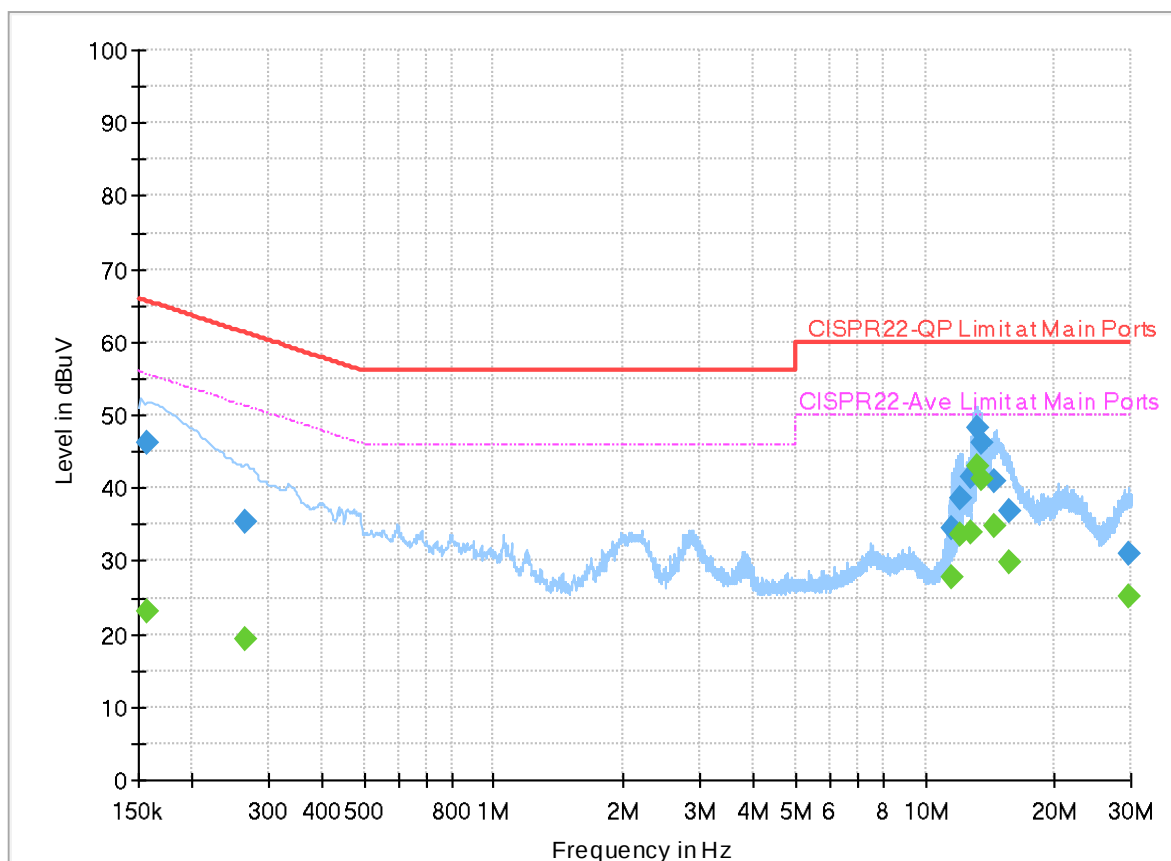
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.156750	---	22.86	55.63	32.77	L1	OFF	19.9
0.156750	45.74	---	65.63	19.89	L1	OFF	19.9
0.280770	---	15.55	50.79	35.24	L1	OFF	19.9
0.280770	34.26	---	60.79	26.53	L1	OFF	19.9
0.462840	---	19.18	46.64	27.46	L1	OFF	19.9
0.462840	27.05	---	56.64	29.59	L1	OFF	19.9
2.835150	---	21.54	46.00	24.46	L1	OFF	20.0
2.835150	26.52	---	56.00	29.48	L1	OFF	20.0
11.564070	---	32.34	50.00	17.66	L1	OFF	20.1
11.564070	37.63	---	60.00	22.37	L1	OFF	20.1
11.936670	---	32.07	50.00	17.93	L1	OFF	20.1
11.936670	38.96	---	60.00	21.04	L1	OFF	20.1
12.659730	---	34.51	50.00	15.49	L1	OFF	20.1
12.659730	39.76	---	60.00	20.24	L1	OFF	20.1
13.059870	---	41.41	50.00	8.59	L1	OFF	20.1
13.059870	47.53	---	60.00	12.47	L1	OFF	20.1
13.558920	---	41.46	50.00	8.54	L1	OFF	20.1
13.558920	46.47	---	60.00	13.53	L1	OFF	20.1
14.155440	---	34.12	50.00	15.88	L1	OFF	20.1

14.155440	40.20	---	60.00	19.80	L1	OFF	20.1
14.550000	---	35.43	50.00	14.57	L1	OFF	20.1
14.550000	41.81	---	60.00	18.19	L1	OFF	20.1
15.148500	---	32.88	50.00	17.12	L1	OFF	20.1
15.148500	39.68	---	60.00	20.32	L1	OFF	20.1

EUT Information

Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.156750	---	23.01	55.63	32.62	N	OFF	19.9
0.156750	46.26	---	65.63	19.37	N	OFF	19.9
0.264750	---	19.36	51.28	31.92	N	OFF	19.9
0.264750	35.40	---	61.28	25.88	N	OFF	19.9
11.571000	---	27.77	50.00	22.23	N	OFF	20.1
11.571000	34.50	---	60.00	25.50	N	OFF	20.1
12.032610	---	33.48	50.00	16.52	N	OFF	20.1
12.032610	38.62	---	60.00	21.38	N	OFF	20.1
12.766830	---	33.82	50.00	16.18	N	OFF	20.1
12.766830	41.44	---	60.00	18.56	N	OFF	20.1
13.152570	---	42.98	50.00	7.02	N	OFF	20.1
13.152570	48.27	---	60.00	11.73	N	OFF	20.1
13.561710	---	41.23	50.00	8.77	N	OFF	20.1
13.561710	46.12	---	60.00	13.88	N	OFF	20.1
14.550000	---	34.93	50.00	15.07	N	OFF	20.1
14.550000	41.02	---	60.00	18.98	N	OFF	20.1
15.744750	---	29.80	50.00	20.20	N	OFF	20.2
15.744750	36.90	---	60.00	23.10	N	OFF	20.2
29.617350	---	25.04	50.00	24.96	N	OFF	20.2

29.617350	30.97	---	60.00	29.03	N	OFF	20.2
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Appendix C. Radiated Spurious Emission

Test Engineer :	Ken Kuo, BANK Lin, Fred Tseng, and Karl Hou	Temperature :	20.8~24.8°C
		Relative Humidity :	52.4~63.8%

2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

BT Ant	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH00 2402MHz		2376.885	45.66	-28.34	74	42.51	27	8.5	32.35	100	51	P	H
		2376.885	20.87	-33.13	54	-	-	-	-	-	-	A	H
	*	2402	103.59	-	-	100.41	27	8.54	32.36	100	51	P	H
	*	2402	78.8	-	-	-	-	-	-	-	-	A	H
													H
		2374.995	43.81	-30.19	74	40.66	27	8.49	32.34	278	360	P	V
		2374.995	19.02	-34.98	54	-	-	-	-	-	-	A	V
	*	2402	98.13	-	-	94.95	27	8.54	32.36	278	360	P	V
	*	2402	73.34	-	-	-	-	-	-	-	-	A	V
													V
BT CH 39 2441MHz		2375.66	45.66	-28.34	74	42.52	27	8.49	32.35	103	50	P	H
		2375.66	20.87	-33.13	54	-	-	-	-	-	-	A	H
	*	2441	104.27	-	-	101.23	26.81	8.61	32.38	103	50	P	H
	*	2441	79.48	-	-	-	-	-	-	-	-	A	H
		2498.04	41.08	-32.92	74	37.8	26.98	8.72	32.42	103	50	P	H
		2498.04	16.29	-37.71	54	-	-	-	-	-	-	A	H
		2375.1	42.19	-31.81	74	39.05	27	8.49	32.35	283	360	P	V
		2375.1	17.4	-36.6	54	-	-	-	-	-	-	A	V
	*	2441	99.57	-	-	96.53	26.81	8.61	32.38	283	360	P	V
	*	2441	74.78	-	-	-	-	-	-	-	-	A	V
		2500	41.81	-32.19	74	38.51	27	8.72	32.42	283	360	P	V
		2500	17.02	-36.98	54	-	-	-	-	-	-	A	V



BT Ant 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 78 2480MHz	*	2480	102.8	-	-	99.63	26.9	8.68	32.41	100	47	P	H
	*	2480	78.01	-	-	-	-	-	-	-	-	A	H
		2483.68	46.69	-27.31	74	43.51	26.9	8.69	32.41	100	47	P	H
		2483.68	21.9	-32.1	54	-	-	-	-	-	-	A	H
													H
													H
	*	2480	99.71	-	-	96.54	26.9	8.68	32.41	255	0	P	V
	*	2480	74.92	-	-	-	-	-	-	-	-	A	V
		2483.64	43.53	-30.47	74	40.35	26.9	8.69	32.41	255	0	P	V
		2483.64	18.74	-35.26	54	-	-	-	-	-	-	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

BT (Harmonic @ 3m)

BT Ant 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 00 2402MHz		1264	57.71	-16.29	74	59.02	24.3	6.18	31.79	100	51	P	H
		1264	32.92	-21.08	54	-	-	-	-	-	-	A	H
		1410	51.74	-22.26	74	52.26	24.8	6.49	31.81	100	51	P	H
		1410	26.95	-27.05	54	-	-	-	-	-	-	A	H
		4804	43.81	-30.19	74	31.96	32.32	13.03	33.5	-	-	P	H
		4804	19.02	-34.98	54	-	-	-	-	-	-	A	H
													H
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													H
													H
													H
													H
		1040	46.34	-27.66	74	49.09	23.4	5.6	31.75	278	360	P	V
		1040	21.55	-32.45	54	-	-	-	-	-	-	A	V
		1262	51.73	-22.27	74	53.05	24.3	6.17	31.79	278	360	P	V
		1262	26.94	-27.06	54	-	-	-	-	-	-	A	V
		4804	43.69	-30.31	74	31.84	32.32	13.03	33.5	-	-	P	V
		4804	18.9	-35.1	54	-	-	-	-	-	-	A	V
													V
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													V



BT Ant 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 39 2441MHz		1262	54.43	-19.57	74	55.75	24.3	6.17	31.79	103	50	P	H
		1262	29.64	-24.36	54	-	-	-	-	-	-	A	H
		1410	51.65	-22.35	74	52.17	24.8	6.49	31.81	103	50	P	H
		1410	26.86	-27.14	54	-	-	-	-	-	-	A	H
		4882	45.29	-28.71	74	33.15	32.56	13.07	33.49	-	-	P	H
		4882	20.5	-33.5	54	-	-	-	-	-	-	A	H
		7323	50.28	-23.72	74	32.61	37.5	16.02	35.85	-	-	P	H
		7323	25.49	-28.51	54	-	-	-	-	-	-	A	H
													H
													H
													H
													H
		1262	50.98	-23.02	74	52.3	24.3	6.17	31.79	283	360	P	V
		1262	26.19	-27.81	54	-	-	-	-	-	-	A	V
		1410	47.83	-26.17	74	48.35	24.8	6.49	31.81	283	360	P	V
		1410	23.04	-30.96	54	-	-	-	-	-	-	A	V
		4882	44.97	-29.03	74	32.83	32.56	13.07	33.49	-	-	P	V
		4882	20.18	-33.82	54	-	-	-	-	-	-	A	V
		7323	50.12	-23.88	74	32.45	37.5	16.02	35.85	-	-	P	V
		7323	25.33	-28.67	54	-	-	-	-	-	-	A	V
													V
													V
													V
													V

[illegible]

Emission above 18GHz

2.4GHz BT (SHF)

BT	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz BT SHF		23831	37.99	-36.01	74	40.08	38.7	19.18	59.97	-	-	P	H
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Emission below 1GHz

2.4GHz BT (LF)

BT	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz BT LF		45.12	26.98	-13.02	40	41.3	17.25	1.15	32.72	-	-	P	H
		149.88	31.18	-12.32	43.5	44.68	17.03	2.18	32.71	-	-	P	H
		224.94	38.73	-7.27	46	53.18	15.58	2.64	32.67	-	-	P	H
		440.7	37.38	-8.62	46	43.6	22.77	3.75	32.74	-	-	P	H
		675.2	39.88	-6.12	46	41.68	26.39	4.61	32.8	-	-	P	H
		881.7	36.95	-9.05	46	34.58	29.1	5.25	31.98	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
		45.39	33.92	-6.08	40	48.36	17.12	1.16	32.72	-	-	P	V
		146.91	34.37	-9.13	43.5	47.67	17.25	2.16	32.71	-	-	P	V
		224.94	39.32	-6.68	46	53.77	15.58	2.64	32.67	-	-	P	V
		440.7	42.16	-3.84	46	48.38	22.77	3.75	32.74	100	171	Q	V
		675.2	39.57	-6.43	46	41.37	26.39	4.61	32.8	-	-	P	V
		882.4	38.2	-7.8	46	35.83	29.08	5.26	31.97	-	-	P	V
													V
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													V
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against limit line.												
	3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

BT	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH00 2402MHz		2376.885	46.63	-27.37	74	43.48	27	8.5	32.35	357	32	P	H
		2376.885	21.84	-32.16	54	-	-	-	-	-	-	A	H
	*	2402	102.04	-	-	98.86	27	8.54	32.36	357	32	P	H
	*	2402	77.25	-	-	-	-	-	-	-	-	A	H
													H
													H
		2375.835	46.61	-27.39	74	43.46	27	8.5	32.35	232	0	P	V
		2375.835	21.82	-32.18	54	-	-	-	-	-	-	A	V
	*	2402	102.17	-	-	98.99	27	8.54	32.36	232	0	P	V
	*	2402	77.38	-	-	-	-	-	-	-	-	A	V
													V
													V
BT CH 39 2441MHz		2375.24	45.88	-28.12	74	42.74	27	8.49	32.35	389	60	P	H
		2375.24	21.09	-32.91	54	-	-	-	-	-	-	A	H
	*	2441	101.35	-	-	98.31	26.81	8.61	32.38	389	60	P	H
	*	2441	76.56	-	-	-	-	-	-	-	-	A	H
		2486.14	40.64	-33.36	74	37.45	26.9	8.7	32.41	389	60	P	H
		2486.14	15.85	-38.15	54	-	-	-	-	-	-	A	H
		2375.38	50.06	-23.94	74	46.92	27	8.49	32.35	135	4	P	V
		2375.38	25.27	-28.73	54	-	-	-	-	-	-	A	V
	*	2441	102.95	-	-	99.91	26.81	8.61	32.38	135	4	P	V
	*	2441	78.16	-	-	-	-	-	-	-	-	A	V
		2486.7	40.68	-33.32	74	37.49	26.9	8.7	32.41	135	4	P	V
		2486.7	15.89	-38.11	54	-	-	-	-	-	-	A	V



BT Ant 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 78 2480MHz	*	2480	101.72	-	-	98.55	26.9	8.68	32.41	369	59	P	H
	*	2480	76.93	-	-	-	-	-	-	-	-	A	H
		2483.56	47	-27	74	43.82	26.9	8.69	32.41	369	59	P	H
		2483.56	22.21	-31.79	54	-	-	-	-	-	-	A	H
													H
													H
	*	2480	100.04	-	-	96.87	26.9	8.68	32.41	218	0	P	V
	*	2480	75.25	-	-	-	-	-	-	-	-	A	V
		2483.6	42.26	-31.74	74	39.08	26.9	8.69	32.41	218	0	P	V
		2483.6	17.47	-36.53	54	-	-	-	-	-	-	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

BT (Harmonic @ 3m)

BT Ant 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 00 2402MHz		1262	55.15	-18.85	74	56.47	24.3	6.17	31.79	357	32	P	H
		1262	30.36	-23.64	54	-	-	-	-	-	-	A	H
		1338	49.61	-24.39	74	50.65	24.42	6.34	31.8	357	32	P	H
		1338	24.82	-29.18	54	-	-	-	-	-	-	A	H
		4804	43.85	-30.15	74	32	32.32	13.03	33.5	-	-	P	H
		4804	19.06	-34.94	54	-	-	-	-	-	-	A	H
													H
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		1144	45.58	-28.42	74	47.26	24.2	5.89	31.77	232	0	P	V
		1144	20.79	-33.21	54	-	-	-	-	-	-	A	V
		1262	42.55	-31.45	74	43.87	24.3	6.17	31.79	232	0	P	V
		1262	17.76	-36.24	54	-	-	-	-	-	-	A	V
		4804	43.57	-30.43	74	31.72	32.32	13.03	33.5	-	-	P	V
		4804	18.78	-35.22	54	-	-	-	-	-	-	A	V
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BT Ant 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 39 2441MHz		1262	48.94	-25.06	74	50.26	24.3	6.17	31.79	389	60	P	H
		1262	24.15	-29.85	54	-	-	-	-	-	-	A	H
		1336	50.39	-23.61	74	51.42	24.44	6.33	31.8	389	60	P	H
		1336	25.6	-28.4	54	-	-	-	-	-	-	A	H
		4882	45.11	-28.89	74	32.97	32.56	13.07	33.49	-	-	P	H
		4882	20.32	-33.68	54	-	-	-	-	-	-	A	H
		7323	49.31	-24.69	74	31.64	37.5	16.02	35.85	-	-	P	H
		7323	24.52	-29.48	54	-	-	-	-	-	-	A	H
													H
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													H
		1262	56.91	-17.09	74	58.23	24.3	6.17	31.79	135	4	P	V
		1262	32.12	-21.88	54	-	-	-	-	-	-	A	
		1336	48.44	-25.56	74	49.47	24.44	6.33	31.8	135	4	P	V
		1336	23.65	-30.35	54	-	-	-	-	-	-	A	V
		4882	44.93	-29.07	74	32.79	32.56	13.07	33.49	-	-	P	V
		4882	20.14	-33.86	54	-	-	-	-	-	-	A	V
		7323	50.01	-23.99	74	32.34	37.5	16.02	35.85	-	-	P	V
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[illegible]

Emission above 18GHz

2.4GHz BT (SHF)

BT	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz BT SHF		24818	38.1	-35.9	74	38.9	39.37	19.69	59.86	-	-	P	H
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Emission below 1GHz

2.4GHz BT (LF)

BT	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz BT LF		45.12	26.98	-13.02	40	41.3	17.25	1.15	32.72	-	-	P	H
		149.88	31.18	-12.32	43.5	44.68	17.03	2.18	32.71	-	-	P	H
		224.94	38.73	-7.27	46	53.18	15.58	2.64	32.67	-	-	P	H
		440.7	37.38	-8.62	46	43.6	22.77	3.75	32.74	-	-	P	H
		675.2	39.88	-6.12	46	41.68	26.39	4.61	32.8	-	-	P	H
		881.7	36.95	-9.05	46	34.58	29.1	5.25	31.98	-	-	P	H
													H
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		45.39	33.92	-6.08	40	48.36	17.12	1.16	32.72	-	-	P	V
		146.91	34.37	-9.13	43.5	47.67	17.25	2.16	32.71	-	-	P	V
		224.94	39.32	-6.68	46	53.77	15.58	2.64	32.67	-	-	P	V
		440.7	42.16	-3.84	46	48.38	22.77	3.75	32.74	100	171	Q	V
		675.2	39.57	-6.43	46	41.37	26.39	4.61	32.8	-	-	P	V
		882.4	38.2	-7.8	46	35.83	29.08	5.26	31.97	-	-	P	V
													V
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												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line. 3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is Margin line.
P/A	Peak or Average
H/V	Horizontal or Vertical



A calculation example for radiated spurious emission is shown as below:

BT	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH 00 2402MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) =
Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
= 55.45 (dBμV/m)
2. Margin (dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 55.45(dBμV/m) – 74(dBμV/m)
= -18.55(dB)

Peak measured complies with the limit line, so test result is “PASS”.

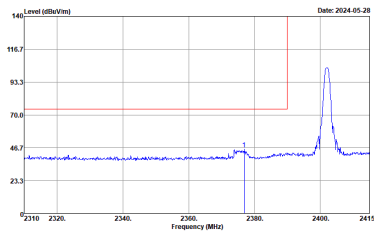
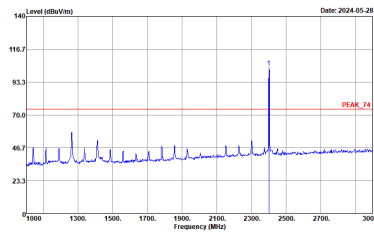


Appendix D. Radiated Spurious Emission Plots

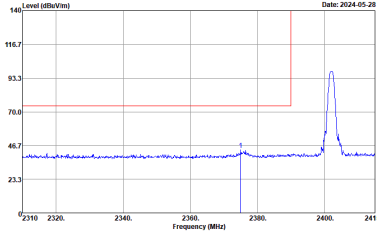
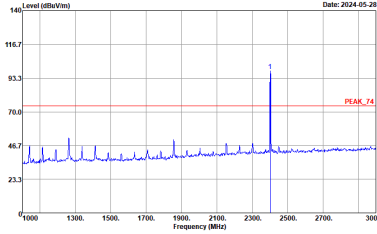
Test Engineer :	Ken Kuo, BANK Lin, Fred Tseng, and Karl Hou	Temperature :	20.8~24.8°C
		Relative Humidity :	52.4~63.8%

2.4GHz 2400~2483.5MHz

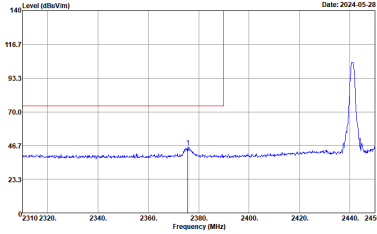
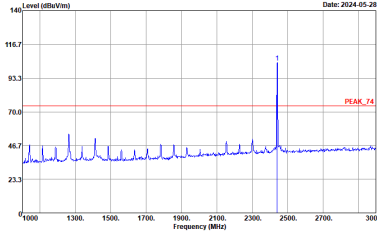
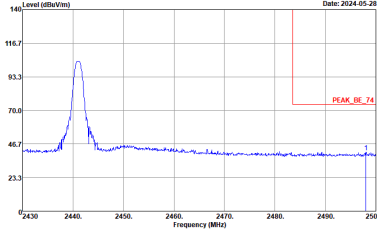
BT (Band Edge @ 3m)

BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BT CH00 2402MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

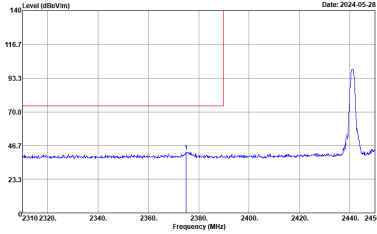
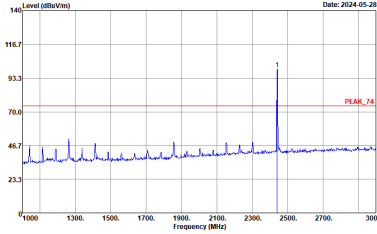
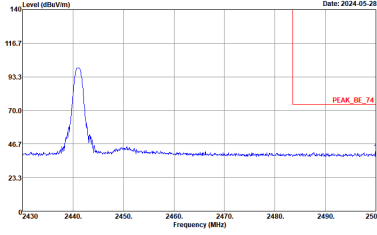


BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BT CH00 2402MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH22-11Y Condition : PEAK_95_74 3m LEZ004A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-11Y Condition : PEAK_74 3m LEZ004A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

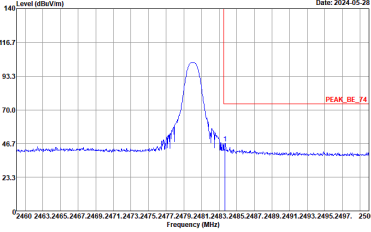
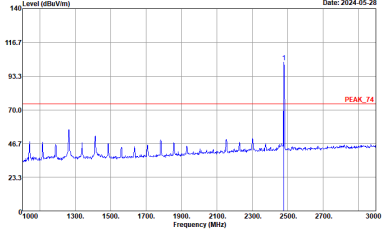


BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BT CH39 2441MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2004A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LE2004A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2004A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

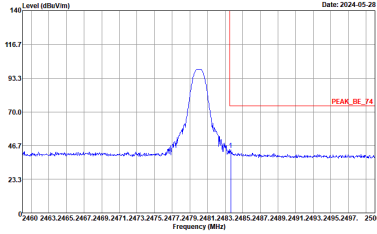
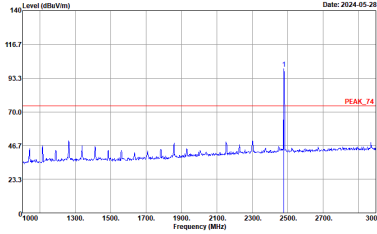


BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BT CH39 2441MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2004A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LE2004A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2004A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



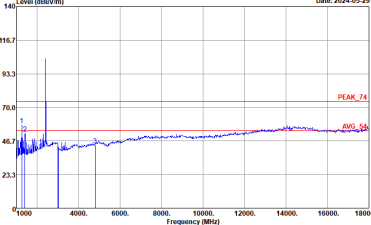
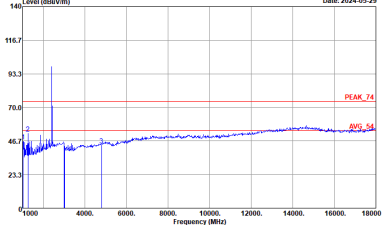
BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BT CH78 2480MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH22-11Y Condition : PEAK_74 3m LE2004A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-11Y Condition : PEAK_74 3m LE2004A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



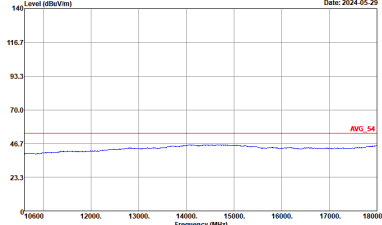
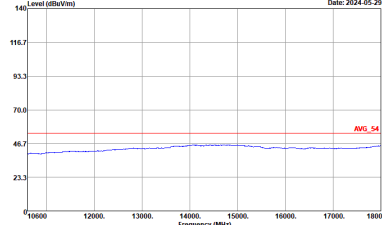
BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BT CH78 2480MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH22-11Y Condition : PEAK_74 3m LEZ004A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-11Y Condition : PEAK_74 3m LEZ004A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



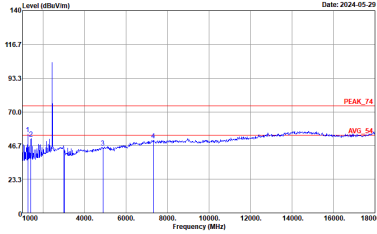
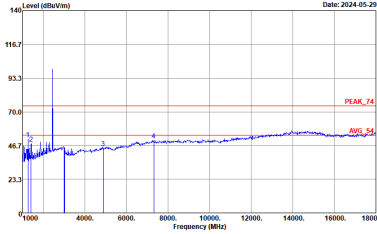
2.4GHz 2400~2483.5MHz
BT (Harmonic @ 3m)

BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BT CH00 2402MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH22-HY Condition : PEAK_74 3m LE2004A18EN_230712 HORIZONTAL	 Site : 03CH22-HY Condition : PEAK_74 3m LE2004A18EN_230712 VERTICAL

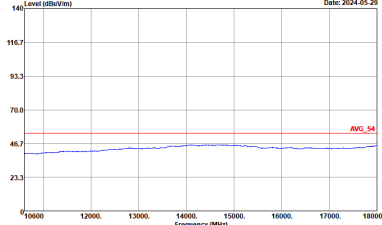
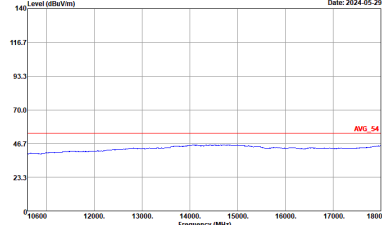


BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BT CH00 2402MHz	
1	Horizontal	Vertical
10.6G ~18G Avg.	 Site : 03CH22-11Y Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL :	 Site : 03CH22-11Y Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL :

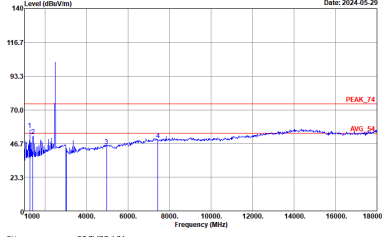
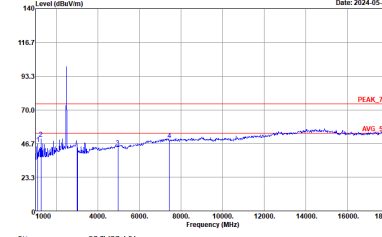


BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BT CH39 2441MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH22-1V Condition : PEAK_74 3m LE2004A18EN_230712 HORIZONTAL	 Site : 03CH22-1V Condition : PEAK_74 3m LE2004A18EN_230712 VERTICAL



BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BT CH39 2441MHz	
1	Horizontal	Vertical
10.6G ~18G Avg.	 Site : 03CH22-11Y Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL :	 Site : 03CH22-11Y Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL :



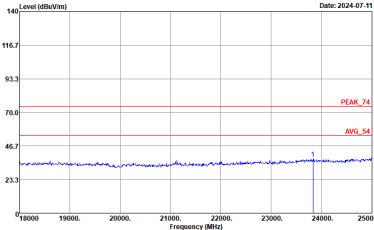
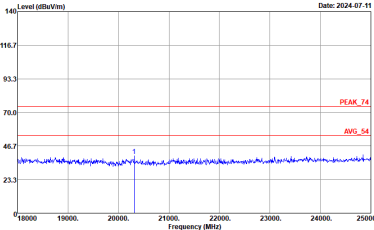
BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BT CH78 2480MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH22-1V Condition : PEAK_74 3m LE2004A18EN_230712 HORIZONTAL	 Site : 03CH22-1V Condition : PEAK_74 3m LE2004A18EN_230712 VERTICAL



BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BT CH78 2480MHz	
1	Horizontal	Vertical
10.6G ~18G Avg	Level (dBuV/m) Date: 2024-05-29 Site : 03CH22-11Y Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL :	Level (dBuV/m) Date: 2024-05-29 Site : 03CH22-11Y Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL :



Emission above 18GHz
2.4GHz BT (SHF @ 1m)

BT	2.4GHz 2400~2483.5MHz	
ANT	BT SHF	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH22-HY Condition : PEAK_74 1m SHF 1224_240624 HORIZONTAL :	 Site : 03CH22-HY Condition : PEAK_74 1m SHF 1224_240624 VERTICAL :

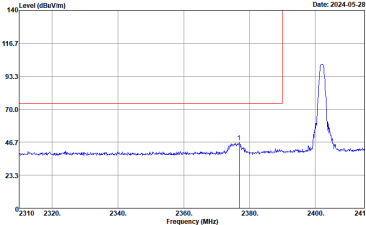
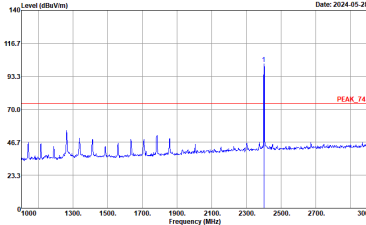


2.4GHz BT (LF)

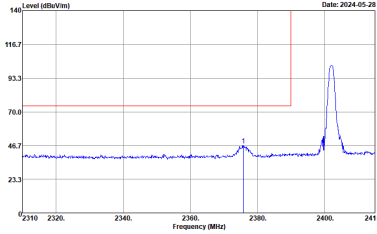
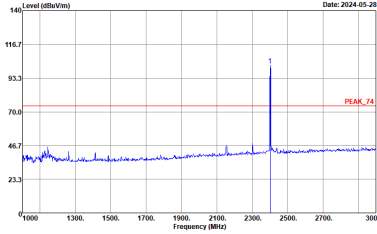
**QP /
Peak**



2.4GHz 2400~2483.5MHz
BT (Band Edge @ 3m)

BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BT CH00 2402MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH22-HV Condition : PEAK_RE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VSW:3000.000KHz SWT:Auto	 Site : 03CH22-HV Condition : PEAK_RE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VSW:3000.000KHz SWT:Auto



BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BT CH00 2402MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH22-11Y Condition : PEAK_95_74 3m LEZ004A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-11Y Condition : PEAK_74 3m LEZ004A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BT CH39 2441MHz	
2	Horizontal	Fundamental
Peak	Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2004A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH22-HY Condition : PEAK_74 3m LE2004A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Peak	Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2004A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

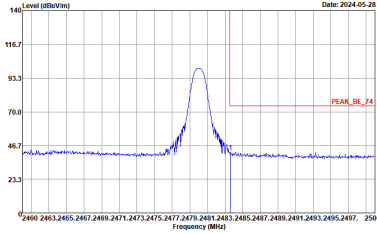
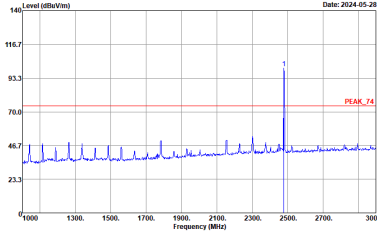


BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BT CH39 2441MHz	
2	Vertical	Fundamental
Peak	Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2004A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH22-HY Condition : PEAK_74 3m LE2004A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Peak	Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2004A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BT CH78 2480MHz	
2	Horizontal	Fundamental
Peak	Site : 03CH22-11Y Condition : PEAK_74 3m LE2004A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH22-11Y Condition : PEAK_74 3m LE2004A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BT CH78 2480MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH22-11Y Condition : PEAK_74 3m LEZ004A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-11Y Condition : PEAK_74 3m LEZ004A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

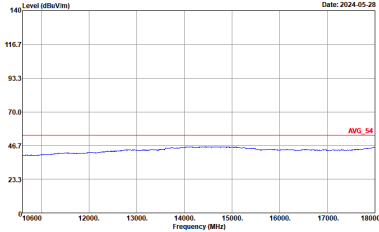
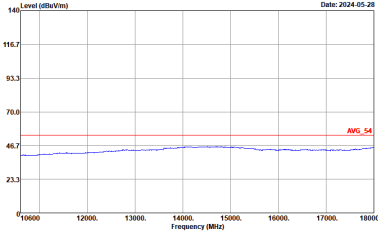


2.4GHz 2400~2483.5MHz

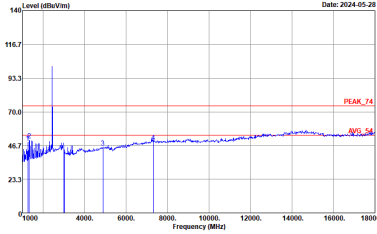
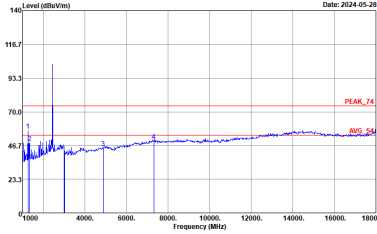
BT (Harmonic @ 3m)

BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BT CH00 2402MHz	
2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2024-05-28 Site : 03CH22-HY Condition : PEAK_74 3m LE2C04A18EN_230712 HORIZONTAL	Level (dBuV/m) Date: 2024-05-28 Site : 03CH22-HY Condition : PEAK_74 3m LE2C04A18EN_230712 VERTICAL

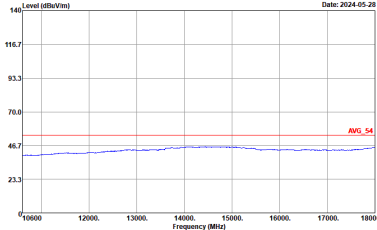
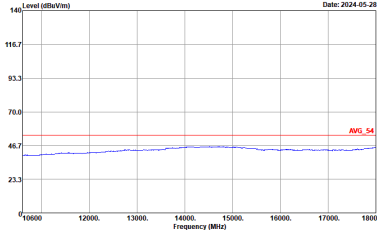


BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BT CH00 2402MHz	
2	Horizontal	Vertical
10.6G ~18G Avg.	 Site : 03CH22-11Y Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL :	 Site : 03CH22-11Y Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL :

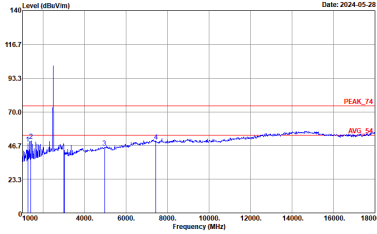
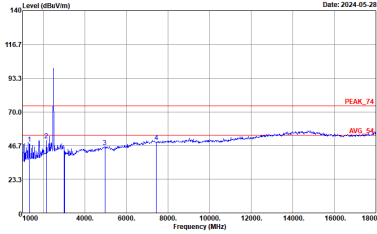


BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BT CH39 2441MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH22-1V Condition : PEAK_74 3m LE2004A18EN_230712 HORIZONTAL	 Site : 03CH22-1V Condition : PEAK_74 3m LE2004A18EN_230712 VERTICAL

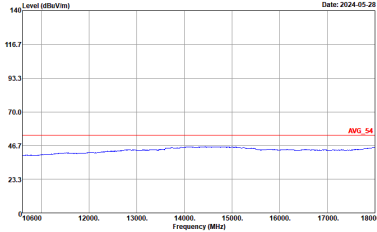
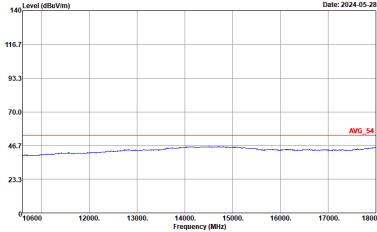


BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BT CH39 2441MHz	
2	Horizontal	Vertical
10.6G ~18G Avg.	 Site : 03CH22-11Y Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL :	 Site : 03CH22-11Y Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL :



BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BT CH78 2480MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH22-1V Condition : PEAK_74 3m LE2004A18EN_230712 HORIZONTAL :	 Site : 03CH22-1V Condition : PEAK_74 3m LE2004A18EN_230712 VERTICAL :



BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BT CH78 2480MHz	
2	Horizontal	Vertical
10.6G ~18G Avg.	 Site : 03CH22-11Y Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL :	 Site : 03CH22-11Y Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL :



Emission above 18GHz
2.4GHz BT (SHF @ 1m)

BT	2.4GHz 2400~2483.5MHz	
ANT	BT SHF	
2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2024-07-11 Site : 03CH22-HY Condition : PEAK_74 1m SHF 1224_240624 HORIZONTAL	Level (dBuV/m) Date: 2024-07-11 Site : 03CH22-HY Condition : PEAK_74 1m SHF 1224_240624 VERTICAL

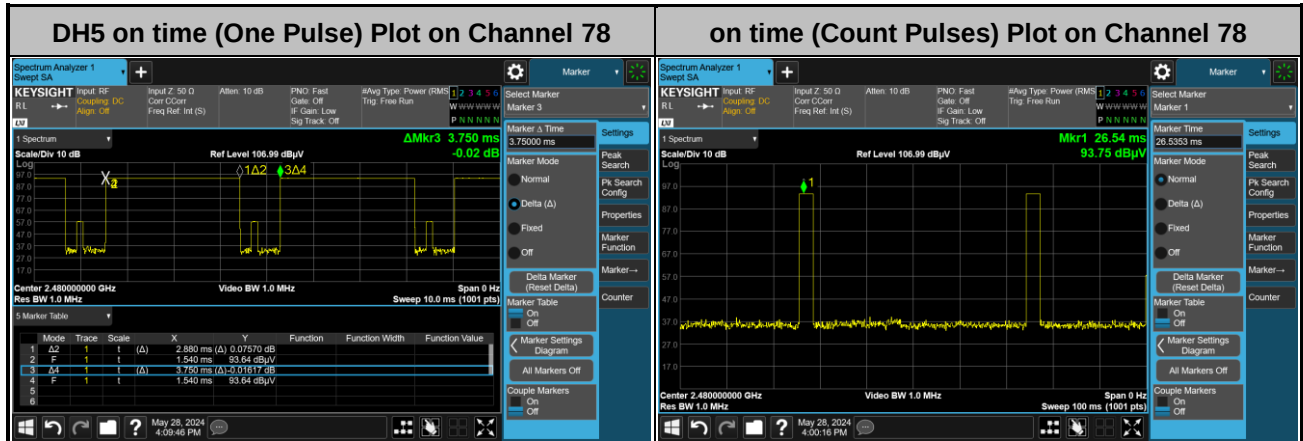


Emission below 1GHz
2.4GHz BT (LF)

BT	2.4GHz 2400~2483.5MHz	
ANT	BT LF	
2	Horizontal	Vertical
QP / Peak	Level (dBuV/m) Date: 2024-07-09 Site : 03CH22-HY Condition : QP 3m BIL0663304_231015_16 HORIZONTAL	Level (dBuV/m) Date: 2024-07-09 Site : 03CH22-HY Condition : QP 3m BIL0663304_231015_16 VERTICAL

Appendix E. Duty Cycle Plots

<Ant. 1>



Note:

1. Worst case Duty cycle = on time/100 milliseconds = $2 \times 2.88 / 100 = 5.76 \%$
2. Worst case Duty cycle correction factor = $20 \times \log(\text{Duty cycle}) = -24.79 \text{ dB}$
3. DH5 has the highest duty cycle worst case and is reported.

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

$$2.88 \text{ ms} \times 20 \text{ channels} = 57.6 \text{ ms}$$

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. $[100 \text{ ms} / 57.6 \text{ ms}] = 2 \text{ hops}$

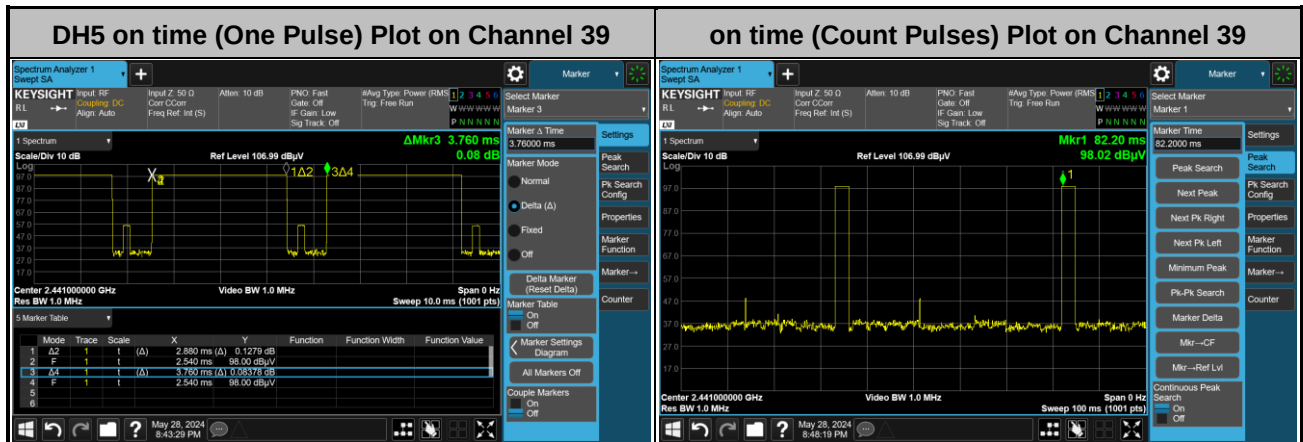
Thus, the maximum possible ON time:

$$2.88 \text{ ms} \times 2 = 5.76 \text{ ms}$$

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

$$20 \times \log(5.76 \text{ ms}/100 \text{ ms}) = -24.79 \text{ dB}$$

<Ant. 2>



Note:

4. Worst case Duty cycle = on time/100 milliseconds = $2 \times 2.88 / 100 = 5.76 \%$
5. Worst case Duty cycle correction factor = $20 \times \log(\text{Duty cycle}) = -24.79 \text{ dB}$
6. DH5 has the highest duty cycle worst case and is reported.

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

$$2.88 \text{ ms} \times 20 \text{ channels} = 57.6 \text{ ms}$$

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. $[100 \text{ ms} / 57.6 \text{ ms}] = 2 \text{ hops}$

Thus, the maximum possible ON time:

$$2.88 \text{ ms} \times 2 = 5.76 \text{ ms}$$

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

$$20 \times \log(5.76 \text{ ms}/100 \text{ ms}) = -24.79 \text{ dB}$$



Appendix G. Spot Check Evaluation on KC50E22

Conducted power test and radiated spurious emission test configurations were selected from the worst cases identified in the reference model and tested to demonstrate the test data from reference model remains representative for the variant model.

The deviation between the spot check and the referenced values is within 3dB, therefore data referencing is justified according to the guidance in the ECR inquiry

Mode	Test Item	UZ7KC50A22 Reference Worst mode Test Result	UZ7KC50E22 Variant Check Test Result	Deviation	Limit (dB)
Bluetooth	Number of Channels	79	79	0	Within the authorized block
	Hopping Channel Separation	1.003	1.007	0.004	Within the authorized block
	Dwell Time of Each Channel	0.31	0.31	0	Within the authorized block
	20dB Bandwidth	0.893	0.891	0.002	Within the authorized frequency block
	99% Bandwidth	0.827	0.827	0	Within the authorized frequency block
	Conducted Band Edges	-41.22	-41.73	0.51	Deviation (ddB) < 3 dB
	Conducted Spurious Emission	-31.93	-32.30	0.37	Deviation (ddB) < 3 dB
	Peak Output Power	5.40	6.20	0.8	Deviation (ddB) < 3 dB
	Radiated Band Edges and Radiated Spurious Emission	42.16	39.94	2.22	Deviation (ddB) < 3 dB
	AC Conducted Emission	42.98	40.01	2.97	Deviation (ddB) < 3 dB
Bluetooth-LE	6dB Bandwidth	0.674	0.668	0.006	Within the authorized frequency block
	99% Bandwidth	1.019	1.019	0	Within the authorized frequency block
	Power Spectral Density	-9.55	-10.09	0.54	Deviation (ddB) < 3 dB
	Conducted Band Edges	-41.10	-42.38	1.28	Deviation (ddB) < 3 dB
	Conducted Spurious Emission	-31.69	-32.23	0.54	Deviation (ddB) < 3 dB
	Power Output Measurement	4.80	4.60	0.2	Deviation (ddB) < 3 dB
	Radiated Band Edges and Spurious Emission	42.35	39.81	2.54	Deviation (ddB) < 3 dB
	AC Conducted Emission	42.98	40.01	2.97	Deviation (ddB) < 3 dB
WIFI 2.4G	6dB Bandwidth	8.06	8.08	0.02	Within the authorized frequency block
	99% Bandwidth	13.04	13.09	0.05	Within the authorized frequency block
	Power Spectral Density	3.70	3.78	0.08	Deviation (ddB) < 3 dB
	Conducted Band Edges	-36.65	-36.24	0.41	Deviation (ddB) < 3 dB
	Conducted Spurious Emission	-42.84	-41.89	0.95	Deviation (ddB) < 3 dB
	Output Power	26.46	26.36	0.1	Deviation (ddB) < 3 dB
	Radiated Band Edges and Spurious Emission	52.24	51.35	0.89	Deviation (ddB) < 3 dB
	AC Conducted Emission	42.98	40.01	2.97	Deviation (ddB) < 3 dB



Mode	Test Item	UZ7KC50A22 Reference Worst mode Test Result	UZ7KC50E22 Variant Check Test Result	Deviation	Limit (dB)
WIFI 5G	26dB Bandwidth	165.98	165.94	0.04	Within the authorized frequency block
	99% Bandwidth	156.32	156.56	0.24	Within the authorized frequency block
	Power Spectral Density	10.52	10.38	0.14	Deviation (ddB) < 3 dB
	Maximum Conducted Output Power	23.58	23.48	0.1	Deviation (ddB) < 3 dB
	Unwanted Emissions	66.96	64.84	2.12	Deviation (ddB) < 3 dB
	AC Conducted Emission	41.81	40.50	1.31	Deviation (ddB) < 3 dB
WIFI 6G	26dB Emission Bandwidth	165.84	166.56	0.72	Within the authorized frequency block
	99% Occupied Bandwidth	156.80	157.76	0.96	Within the authorized frequency block
	Contention Based Protocol	-66.35	-68.65	2.3	Within the authorized block
	Fundamental Maximum EIRP	26.54	25.96	0.58	Deviation (ddB) < 3 dB
	Fundamental Power Spectral Density	16.81	16.71	0.1	Deviation (ddB) < 3 dB
	In-Band Emissions (Channel Mask)	-42.43	-41.04	1.39	Deviation (ddB) < 3 dB
	Unwanted Emissions	67.14	66.93	0.21	Deviation (ddB) < 3 dB
	AC Conducted Emission	41.15	40.16	0.99	Deviation (ddB) < 3 dB



List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9kHz~30MHz	Sep. 12, 2023	Aug. 02, 2024~ Aug. 06, 2024	Sep. 11, 2024	Radiation (03CH22-HY)
Bilog Antenna with 6dB	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63304 & 002	30MHz~1GHz	Oct. 15, 2023	Aug. 02, 2024~ Aug. 06, 2024	Oct. 14, 2024	Radiation (03CH22-HY)
Amplifier	SONOMA	310N	421581	N/A	Jul. 14, 2024	Aug. 02, 2024~ Aug. 06, 2024	Jul. 13, 2025	Radiation (03CH22-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C04A18E N	1GHz~18GHz	Jul. 11, 2024	Aug. 02, 2024~ Aug. 06, 2024	Jul. 10, 2025	Radiation (03CH22-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	1224	18GHz~40GHz	Jun. 24, 2024	Aug. 02, 2024~ Aug. 06, 2024	Jun. 23, 2025	Radiation (03CH22-HY)
Amplifier	EMEC	EM01G18GA	060877	N/A	Sep. 28, 2023	Aug. 02, 2024~ Aug. 06, 2024	Sep. 27, 2024	Radiation (03CH22-HY)
Preamplifier	EMEC	EM18G40G	060872	18-40GHz	Sep. 06, 2023	Aug. 02, 2024~ Aug. 06, 2024	Sep. 05, 2024	Radiation (03CH22-HY)
Signal Analyzer	Keysight	N9010B	MY62170278	10Hz~44GHz	Aug. 31, 2023	Aug. 02, 2024~ Aug. 06, 2024	Aug. 30, 2024	Radiation (03CH22-HY)
EMI Test Receiver	Keysight	N9038B	MY62210111	20Hz~8.4GHz	Aug. 23, 2023	Aug. 02, 2024~ Aug. 06, 2024	Aug. 22, 2024	Radiation (03CH22-HY)
Hygrometer	TECPEL	DTM-303A	TP211469	N/A	Jan. 03, 2024	Aug. 02, 2024~ Aug. 06, 2024	Jan. 02, 2025	Radiation (03CH22-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Aug. 02, 2024~ Aug. 06, 2024	N/A	Radiation (03CH22-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Aug. 02, 2024~ Aug. 06, 2024	N/A	Radiation (03CH22-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Aug. 02, 2024~ Aug. 06, 2024	N/A	Radiation (03CH22-HY)
Software	Audix	E3 6.09824_2019 122	RK-002347	N/A	N/A	Aug. 02, 2024~ Aug. 06, 2024	N/A	Radiation (03CH22-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 06, 2024	Aug. 02, 2024~ Aug. 06, 2024	Mar. 05, 2025	Radiation (03CH22-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804390/2,804 611/2,804615/ 2	N/A	Oct. 24, 2023	Aug. 02, 2024~ Aug. 06, 2024	Oct. 23, 2024	Radiation (03CH22-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Jul. 16, 2024	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jul. 16, 2024	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBE CK	VTSD 9561-F N	9561-F N00373	9kHz~200MHz	Oct. 20, 2023	Jul. 16, 2024	Oct. 19, 2024	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 14, 2024	Jul. 16, 2024	Mar. 13, 2025	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 10, 2024	Jul. 16, 2024	Mar. 09, 2025	Conduction (CO07-HY)
Four-Line V-Network	TESEQ	NNB 52	36122	N/A	Mar. 07, 2024	Jul. 16, 2024	Mar. 06, 2025	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Sep. 20, 2023	Jul. 16, 2024	Sep. 19, 2024	Conduction (CO07-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 07, 2023	Jul. 27, 2024	Nov. 06, 2024	Conducted (TH05-HY)
Power Meter	Anritsu	ML2495A	0932001	N/A	Sep. 08, 2023	Jul. 27, 2024	Sep. 07, 2024	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	0846202	300MHz~40GH z	Sep. 08, 2023	Jul. 27, 2024	Sep. 07, 2024	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 23, 2023	Jul. 27, 2024	Aug. 22, 2024	Conducted (TH05-HY)
BT Base Station (Measure)	Rohde & Schwarz	CBT	101136	BT 3.0	Oct. 22, 2023	Jul. 27, 2024	Oct. 21, 2024	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final version_24041 1	N/A	Conducted Other Test Item	N/A	Jul. 27, 2024	N/A	Conducted (TH05-HY)

—THE END—