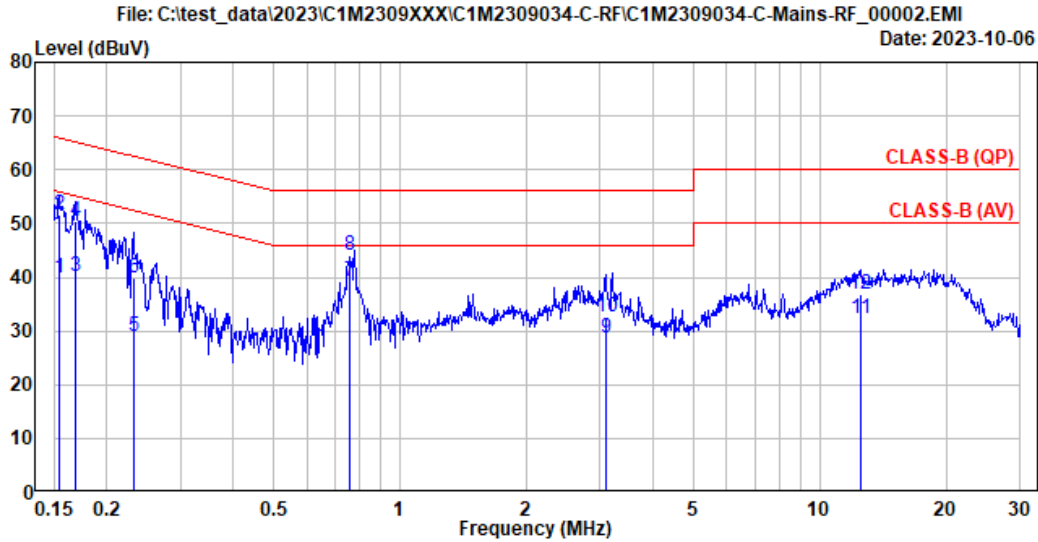


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A.1 CONDUCTED EMISSION

Test Date	2023/10/06	Temp./Hum.	24°C/55%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Roy Hung
Test SKU	SKU (Mode) 1 with LG (INPAQ), WA-P-LELE-04-009		



Site No.	: No.8 Shielded Room	Data No.	: 2
Instrument 1	: Receiver ESR(774)		
Instrument 2	: ENV432 (567)(A) CE-08 ESH3-Z2 (354)		
Limit	: CLASS-B (QP)	Phase	: Neutral
Environment	: 24°C/55%	Test Rating	: 120Vac/60Hz
EUT Model	: 16Z90S	Engineer	: Roy Hung
Test Mode	: Operating Inpaq		

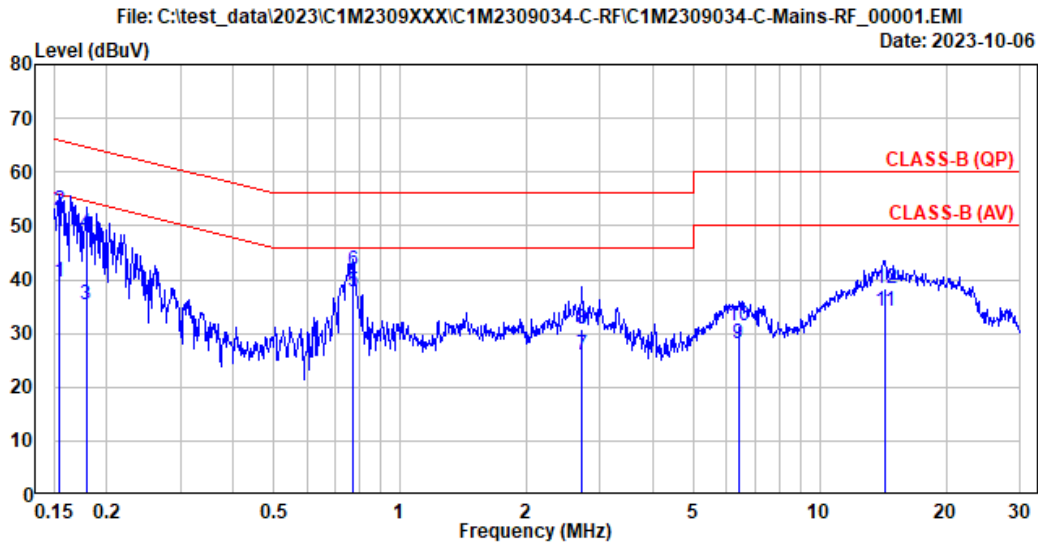
	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.154	10.30	0.03	9.85	19.73	39.91	55.79	15.88	Average
2	0.154	10.30	0.03	9.85	31.37	51.55	65.79	14.24	QP
3	0.168	10.30	0.03	9.85	19.89	40.07	55.05	14.98	Average
4	0.168	10.30	0.03	9.85	30.09	50.27	65.05	14.78	QP
5	0.231	10.29	0.03	9.85	8.74	28.91	52.40	23.49	Average
6	0.231	10.29	0.03	9.85	19.71	39.88	62.40	22.52	QP
7	0.758	10.29	0.04	9.85	19.21	39.39	46.00	6.61	Average
8	0.758	10.29	0.04	9.85	23.78	43.96	56.00	12.04	QP
9	3.091	10.35	0.07	9.86	8.52	28.80	46.00	17.20	Average
10	3.091	10.35	0.07	9.86	12.47	32.75	56.00	23.25	QP
11	12.478	10.70	0.15	9.90	11.62	32.37	50.00	17.63	Average
12	12.478	10.70	0.15	9.90	15.97	36.72	60.00	23.28	QP

Remarks: 1. Emission Level(dBμV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBμV).

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Test Date	2023/10/06	Temp./Hum.	24°C/55%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Roy Hung
Test SKU	SKU (Mode) 1 with LG (INPAQ), WA-P-LELE-04-009		



Site No.	: No.8 Shielded Room	Data No.	: 1
Instrument 1	: Receiver ESR(774)		
Instrument 2	: ENV432 (567)(A) CE-08 ESH3-Z2 (354)		
Limit	: CLASS-B (QP)	Phase	: Line
Environment	: 24°C/55%	Test Rating	: 120Vac/60Hz
EUT Model	: 16Z90S	Engineer	: Roy Hung
Test Mode	: Operating Inpaq		

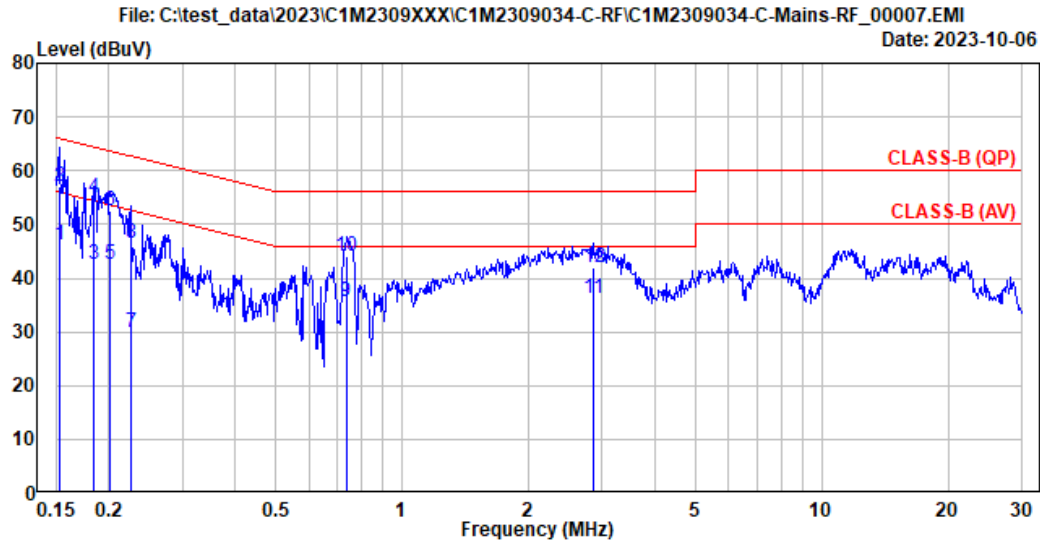
	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.155	10.30	0.03	9.85	19.51	39.69	55.75	16.06	Average
2	0.155	10.30	0.03	9.85	32.65	52.83	65.75	12.92	QP
3	0.179	10.29	0.03	9.85	15.11	35.28	54.55	19.27	Average
4	0.179	10.29	0.03	9.85	28.44	48.61	64.55	15.94	QP
5	0.769	10.28	0.04	9.85	17.51	37.68	46.00	8.32	Average
6	0.769	10.28	0.04	9.85	21.40	41.57	56.00	14.43	QP
7	2.701	10.31	0.07	9.86	5.65	25.89	46.00	20.11	Average
8	2.701	10.31	0.07	9.86	10.53	30.77	56.00	25.23	QP
9	6.398	10.40	0.10	9.87	7.64	28.01	50.00	21.99	Average
10	6.398	10.40	0.10	9.87	11.03	31.40	60.00	28.60	QP
11	14.275	10.59	0.17	9.91	13.42	34.09	50.00	15.91	Average
12	14.275	10.59	0.17	9.91	17.65	38.32	60.00	21.68	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

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Test Date	2023/10/06	Temp./Hum.	24°C/55%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Roy Hung
Test SKU	SKU (Mode) 2 with LG (Luxshare), L1LRF008-CS-H		



Site No.	: No.8 Shielded Room	Data No.	: 7
Instrument 1	: Receiver ESR(774)		
Instrument 2	: ENV432 (567)(A) CE-08 ESH3-Z2 (354)		
Limit	: CLASS-B (QP)	Phase	: Neutral
Environment	: 24°C/55%	Test Rating	: 120Vac/60Hz
EUT Model	: 16Z90S	Engineer	: Roy Hung
Test Mode	: Operating Luxshare		

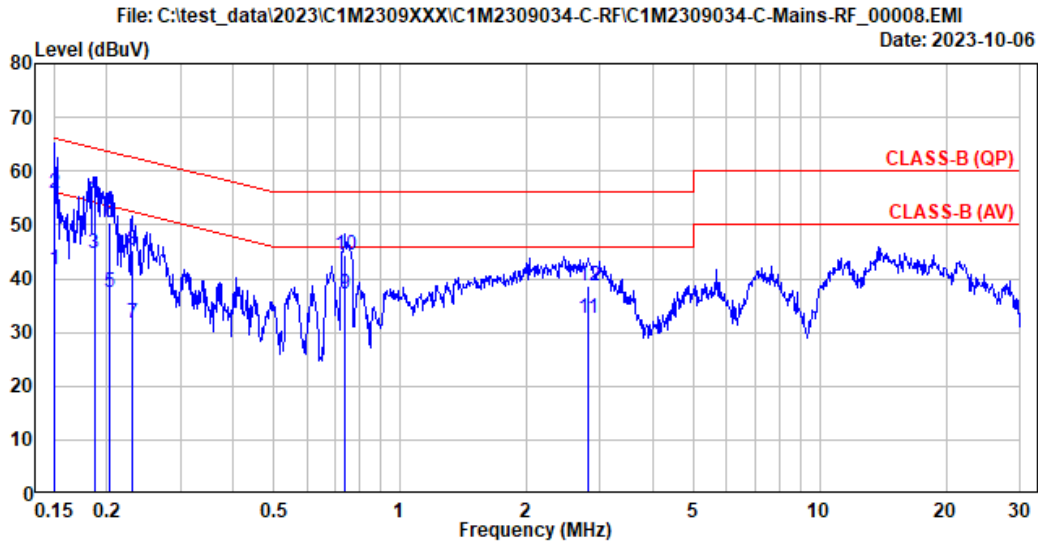
	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.152	10.30	0.03	9.85	25.93	46.11	55.88	9.77	Average
2	0.152	10.30	0.03	9.85	37.00	57.18	65.88	8.70	QP
3	0.185	10.29	0.03	9.85	22.28	42.45	54.26	11.81	Average
4	0.185	10.29	0.03	9.85	34.66	54.83	64.26	9.43	QP
5	0.201	10.29	0.03	9.85	22.49	42.66	53.56	10.90	Average
6	0.201	10.29	0.03	9.85	32.49	52.66	63.56	10.90	QP
7	0.226	10.29	0.03	9.85	9.81	29.98	52.61	22.63	Average
8	0.226	10.29	0.03	9.85	26.27	46.44	62.61	16.17	QP
9	0.736	10.29	0.04	9.85	15.35	35.53	46.00	10.47	Average
10	0.736	10.29	0.04	9.85	23.91	44.09	56.00	11.91	QP
11	2.854	10.34	0.07	9.86	16.11	36.38	46.00	9.62	Average
12	2.854	10.34	0.07	9.86	21.66	41.93	56.00	14.07	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

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Test Date	2023/10/06	Temp./Hum.	24°C/55%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Roy Hung
Test SKU	SKU (Mode) 2 with LG (Luxshare), L1LRF008-CS-H		



Site No.	: No.8 Shielded Room	Data No.	: 8
Instrument 1	: Receiver ESR(774)		
Instrument 2	: ENV432 (567)(A) CE-08 ESH3-Z2 (354)		
Limit	: CLASS-B (QP)	Phase	: Line
Environment	: 24°C/55%	Test Rating	: 120Vac/60Hz
EUT Model	: 16Z90S	Engineer	: Roy Hung
Test Mode	: Operating Luxshare		

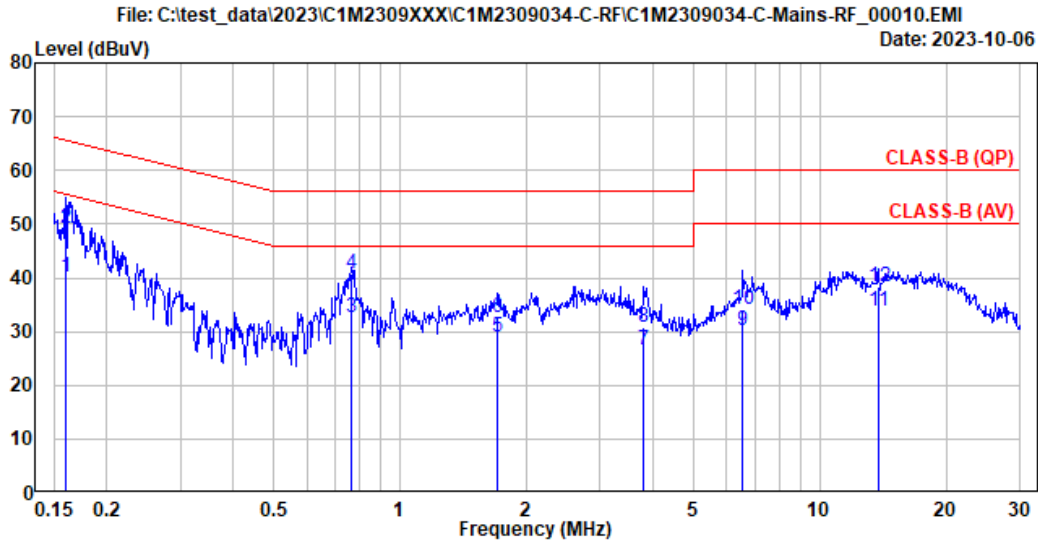
	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.151	10.30	0.03	9.85	21.45	41.63	55.96	14.33	Average
2	0.151	10.30	0.03	9.85	35.75	55.93	65.96	10.03	QP
3	0.187	10.28	0.03	9.85	24.39	44.55	54.18	9.63	Average
4	0.187	10.28	0.03	9.85	35.13	55.29	64.18	8.89	QP
5	0.203	10.28	0.03	9.85	17.33	37.49	53.47	15.98	Average
6	0.203	10.28	0.03	9.85	30.36	50.52	63.47	12.95	QP
7	0.230	10.28	0.03	9.85	11.62	31.78	52.44	20.66	Average
8	0.230	10.28	0.03	9.85	25.14	45.30	62.44	17.14	QP
9	0.739	10.28	0.04	9.85	17.02	37.19	46.00	8.81	Average
10	0.739	10.28	0.04	9.85	24.21	44.38	56.00	11.62	QP
11	2.811	10.31	0.07	9.86	12.21	32.45	46.00	13.55	Average
12	2.811	10.31	0.07	9.86	18.42	38.66	56.00	17.34	QP

Remarks: 1. Emission Level(dBμV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBμV).

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Test Date	2023/10/06	Temp./Hum.	24°C/55%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Roy Hung
Test SKU	SKU (Mode) 3 with LG (INPAQ), WA-P-LBLB-04-110		



Site No.	: No.8 Shielded Room	Data No.	: 10
Instrument 1	: Receiver ESR(774)		
Instrument 2	: ENV432 (567)(A) CE-08 ESH3-Z2 (354)		
Limit	: CLASS-B (QP)	Phase	: Neutral
Environment	: 24°C/55%	Test Rating	: 120Vac/60Hz
EUT Model	: 16Z90S	Engineer	: Roy Hung
Test Mode	: Operating		
	Touch		

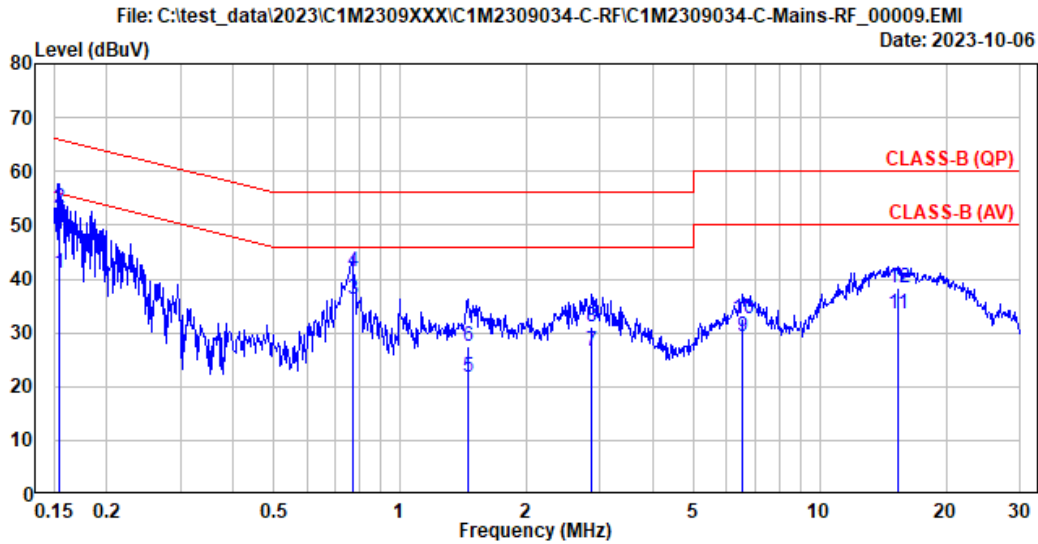
	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.159	10.30	0.03	9.85	19.87	40.05	55.50	15.45	Average
2	0.159	10.30	0.03	9.85	29.08	49.26	65.50	16.24	QP
3	0.765	10.29	0.04	9.85	12.34	32.52	46.00	13.48	Average
4	0.765	10.29	0.04	9.85	20.61	40.79	56.00	15.21	QP
5	1.708	10.31	0.05	9.86	8.88	29.10	46.00	16.90	Average
6	1.708	10.31	0.05	9.86	12.44	32.66	56.00	23.34	QP
7	3.810	10.36	0.08	9.86	6.39	26.69	46.00	19.31	Average
8	3.810	10.36	0.08	9.86	10.49	30.79	56.00	25.21	QP
9	6.560	10.47	0.11	9.87	9.72	30.17	50.00	19.83	Average
10	6.560	10.47	0.11	9.87	13.67	34.12	60.00	25.88	QP
11	13.786	10.76	0.16	9.91	13.04	33.87	50.00	16.13	Average
12	13.786	10.76	0.16	9.91	17.56	38.39	60.00	21.61	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

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Test Date	2023/10/06	Temp./Hum.	24°C/55%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Roy Hung
Test SKU	SKU (Mode) 3 with LG (INPAQ), WA-P-LBLB-04-110		



Site No.	: No.8 Shielded Room	Data No.	: 9
Instrument 1	: Receiver ESR(774)		
Instrument 2	: ENV432 (567)(A) CE-08 ESH3-Z2 (354)		
Limit	: CLASS-B (QP)	Phase	: Line
Environment	: 24°C/55%	Test Rating	: 120Vac/60Hz
EUT Model	: 16Z90S	Engineer	: Roy Hung
Test Mode	: Operating		
	Touch		

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.155	10.30	0.03	9.85	20.78	40.96	55.75	14.79	Average
2	0.155	10.30	0.03	9.85	33.08	53.26	65.75	12.49	QP
3	0.769	10.28	0.04	9.85	15.92	36.09	46.00	9.91	Average
4	0.769	10.28	0.04	9.85	21.11	41.28	56.00	14.72	QP
5	1.449	10.29	0.05	9.86	1.66	21.86	46.00	24.14	Average
6	1.449	10.29	0.05	9.86	7.14	27.34	56.00	28.66	QP
7	2.868	10.32	0.07	9.86	6.39	26.64	46.00	19.36	Average
8	2.868	10.32	0.07	9.86	10.76	31.01	56.00	24.99	QP
9	6.560	10.40	0.11	9.87	8.88	29.26	50.00	20.74	Average
10	6.560	10.40	0.11	9.87	12.11	32.49	60.00	27.51	QP
11	15.384	10.62	0.17	9.91	12.87	33.57	50.00	16.43	Average
12	15.384	10.62	0.17	9.91	17.77	38.47	60.00	21.53	QP

Remarks: 1. Emission Level(dBμV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBμV).

A.2 RADIATED EMISSION

Test Date	2023/09/28 ~ 10/06	Temp./Hum.	23 ~ 24°C/47 ~ 63%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Martin Chen/ Hua Wu

A.2.1 Emissions within Restricted Frequency Bands

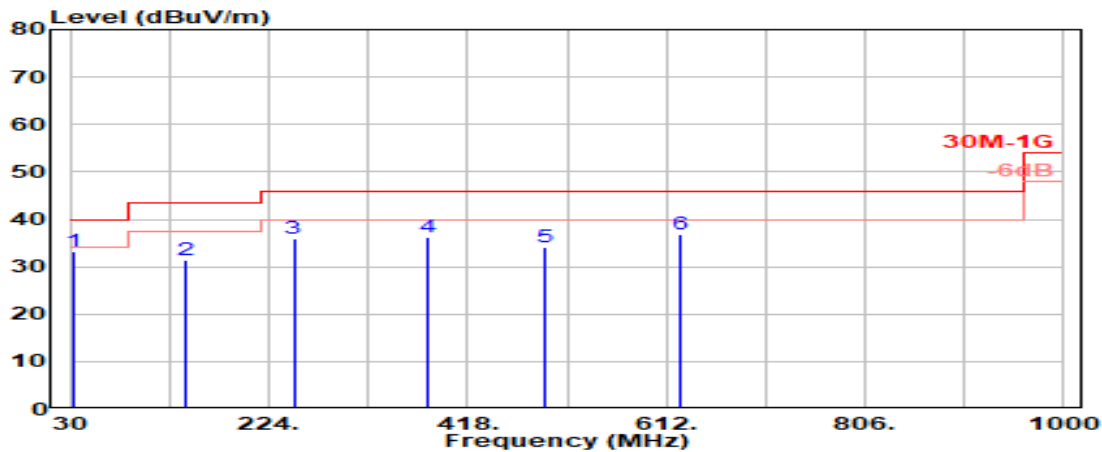
A.2.1.1 Frequency 9kHz~30MHz

The emissions (9kHz~30MHz) not reported for there is no emission be found.

A.2.1.2 Frequency Below 1GHz

Test SKU: SKU (Mode) 1 with LG (INPAQ), WA-P-LELE-04-009

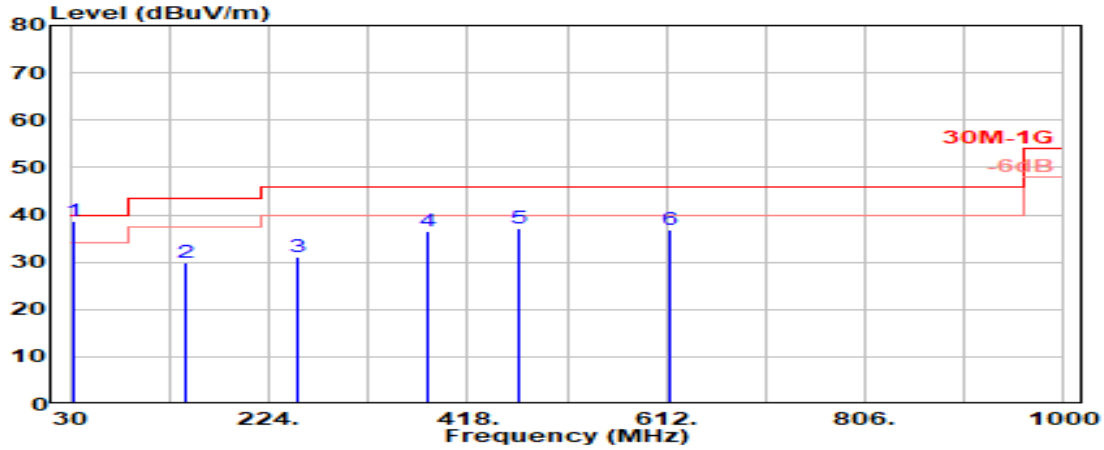
Mode	802.11ax-HE160	U-NII Band	5
		Frequency	TX 6345MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
32.425	23.06	1.25	26.52	35.55	33.35	40.00	6.65	Peak
142.358	17.04	2.79	26.06	37.71	31.48	43.50	12.02	Peak
248.250	18.00	3.86	25.73	39.67	35.80	46.00	10.20	Peak
378.392	21.05	5.29	26.35	36.35	36.34	46.00	9.66	Peak
492.367	23.02	6.34	27.12	32.01	34.25	46.00	11.75	Peak
626.550	24.43	6.91	27.41	32.79	36.72	46.00	9.28	Peak

Mode	802.11ax-HE160	U-NII Band	5
		Frequency	TX 6345MHz

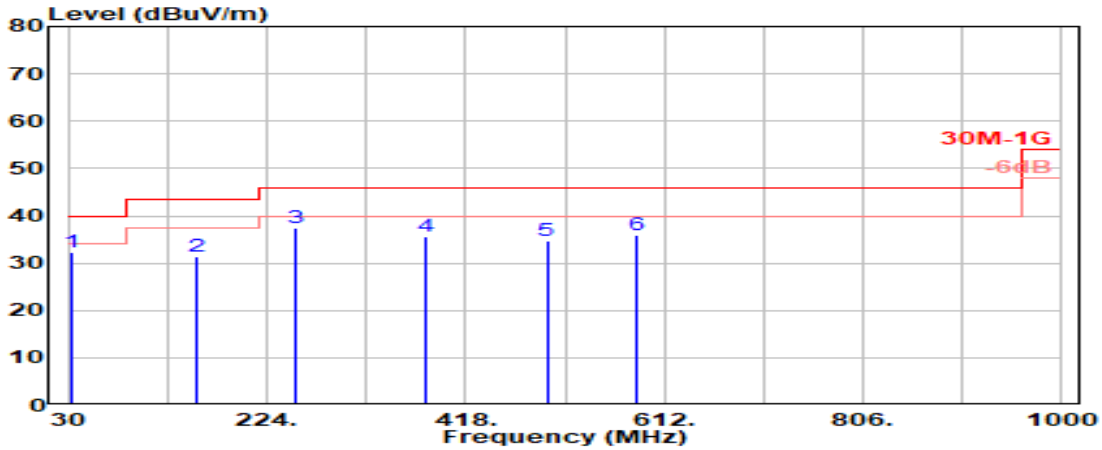


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
34.042	22.48	1.28	0.00	15.02	38.78	40.00	1.22	QP
142.358	17.04	2.79	26.06	35.99	29.76	43.50	13.74	Peak
252.292	18.13	3.89	25.72	34.70	31.00	46.00	15.00	Peak
378.392	21.05	5.29	26.35	36.44	36.43	46.00	9.57	Peak
468.117	22.67	6.14	26.97	35.21	37.05	46.00	8.95	Peak
615.233	24.39	6.85	27.41	33.10	36.93	46.00	9.07	Peak

Test SKU: SKU (Mode) 2 with LG (Luxshare), L1LRF008-CS-H

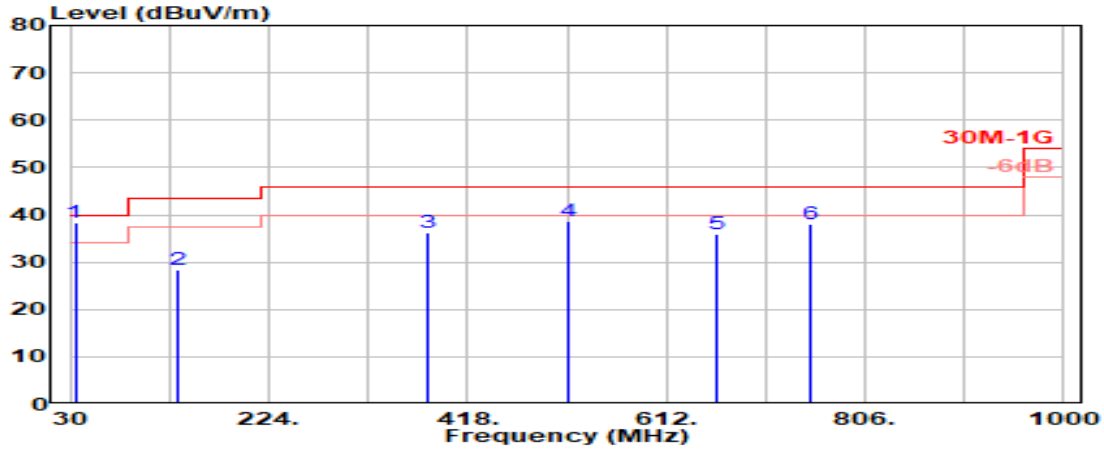
Mode	802.11ax-HE160	U-NII Band	5
		Frequency	TX 6345MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
33.233	22.77	1.27	26.52	34.64	32.15	40.00	7.85	Peak
155.292	16.27	2.93	25.99	38.23	31.44	43.50	12.06	Peak
252.292	18.13	3.89	25.72	41.15	37.44	46.00	8.56	Peak
378.392	21.05	5.29	26.35	35.49	35.49	46.00	10.51	Peak
497.217	23.08	6.38	27.14	32.45	34.77	46.00	11.23	Peak
586.133	24.19	6.71	27.38	32.37	35.89	46.00	10.11	Peak

Mode	802.11ax-HE160	U-NII Band	5
		Frequency	TX 6345MHz

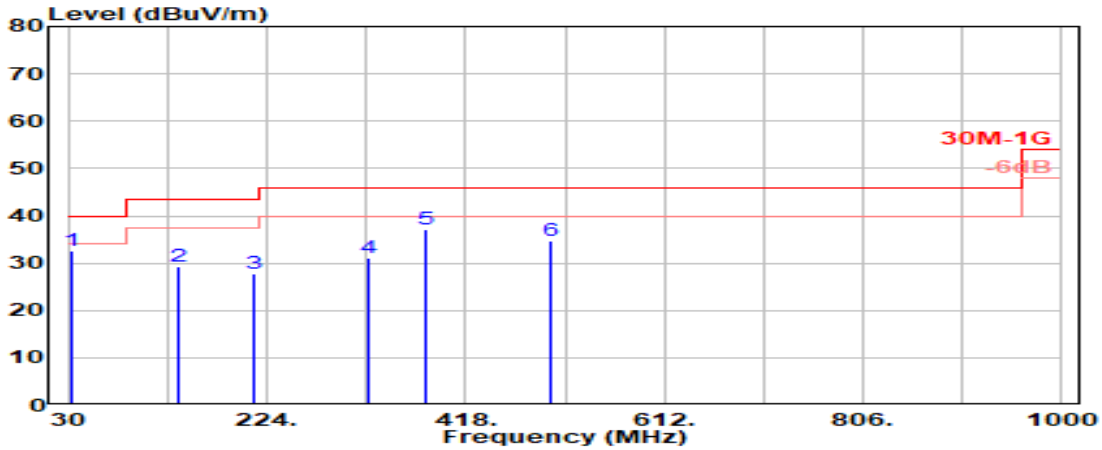


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
34.850	22.21	1.30	0.00	14.96	38.46	40.00	1.54	QP
135.892	17.31	2.72	26.09	34.43	28.37	43.50	15.13	Peak
378.392	21.05	5.29	26.35	36.19	36.18	46.00	9.82	Peak
517.425	23.36	6.47	27.21	35.87	38.49	46.00	7.51	Peak
662.117	24.57	7.11	27.40	31.70	35.97	46.00	10.03	Peak
753.458	24.86	7.66	27.33	32.85	38.03	46.00	7.97	Peak

Test SKU: SKU (Mode) 3 with LG (INPAQ), WA-P-LBLB-04-110

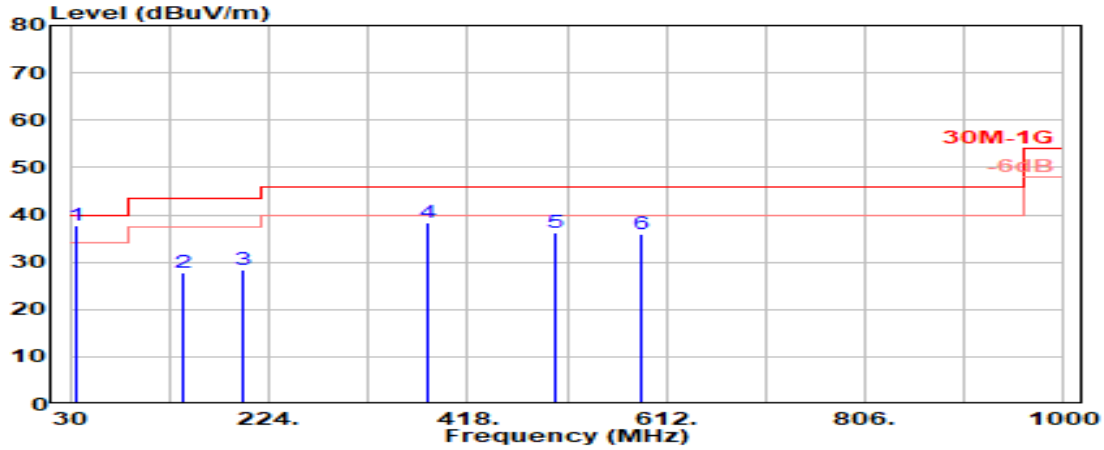
Mode	802.11ax-HE160	U-NII Band	5
		Frequency	TX 6345MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
33.233	22.77	1.27	26.52	35.20	32.71	40.00	7.29	Peak
138.317	17.23	2.74	26.08	35.29	29.19	43.50	14.31	Peak
211.875	16.02	3.52	25.79	34.05	27.80	43.50	15.70	Peak
324.233	19.61	4.67	25.89	32.82	31.21	46.00	14.79	Peak
378.392	21.05	5.29	26.35	37.03	37.02	46.00	8.98	Peak
500.450	23.13	6.40	27.16	32.20	34.57	46.00	11.43	Peak

Mode	802.11ax-HE160	U-NII Band	5
		Frequency	TX 6345MHz



Antenna at Vertical Polarization

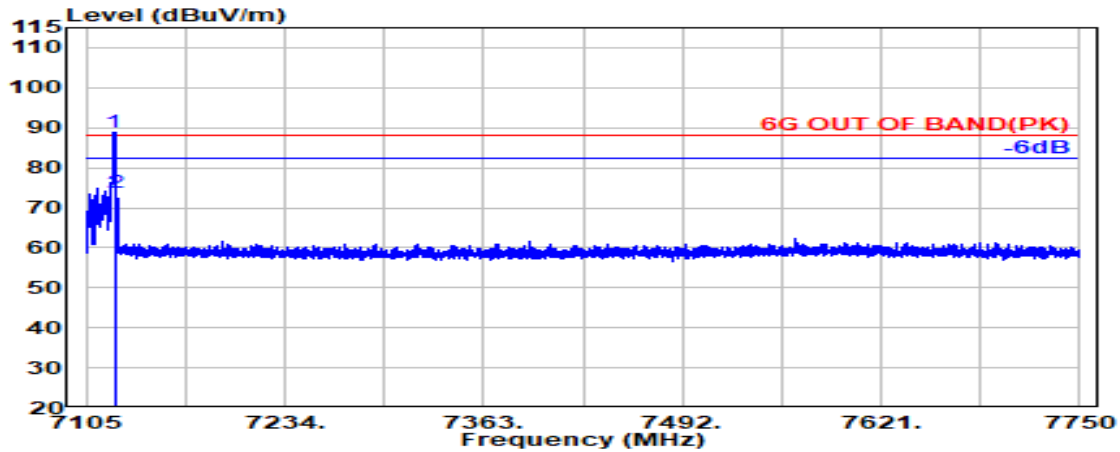
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
35.658	21.78	1.31	0.00	14.73	37.82	40.00	2.18	QP
140.742	17.14	2.77	26.06	33.90	27.74	43.50	15.76	Peak
199.750	15.29	3.40	25.81	35.49	28.36	43.50	15.14	Peak
378.392	21.05	5.29	26.35	38.36	38.35	46.00	7.65	Peak
503.683	23.17	6.41	27.17	33.91	36.33	46.00	9.67	Peak
586.942	24.20	6.72	27.38	32.42	35.96	46.00	10.04	Peak

A.2.1.3 Band Edge

- OFDM Modulation

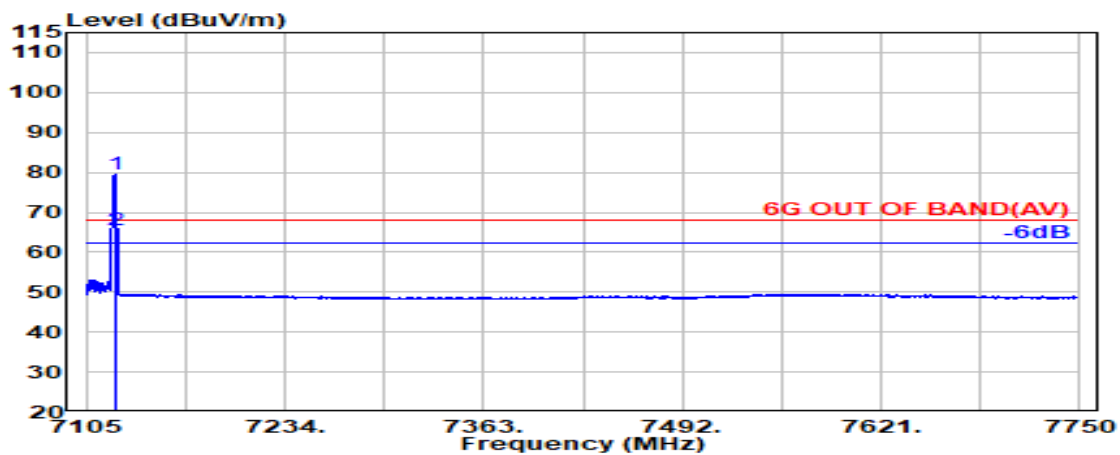
Test SKU: SKU (Mode) 1 with LG (INPAQ), WA-P-LELE-04-009

Tones	26T	RU Index	8
Mode	802.11ax-HE20	U-NII Band	8
		Frequency	TX 7115MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7123.400	35.80	9.80	34.55	77.81	88.86	---	---	Peak
7125.000	35.80	9.80	34.55	62.68	73.73	88.20	14.47	Peak

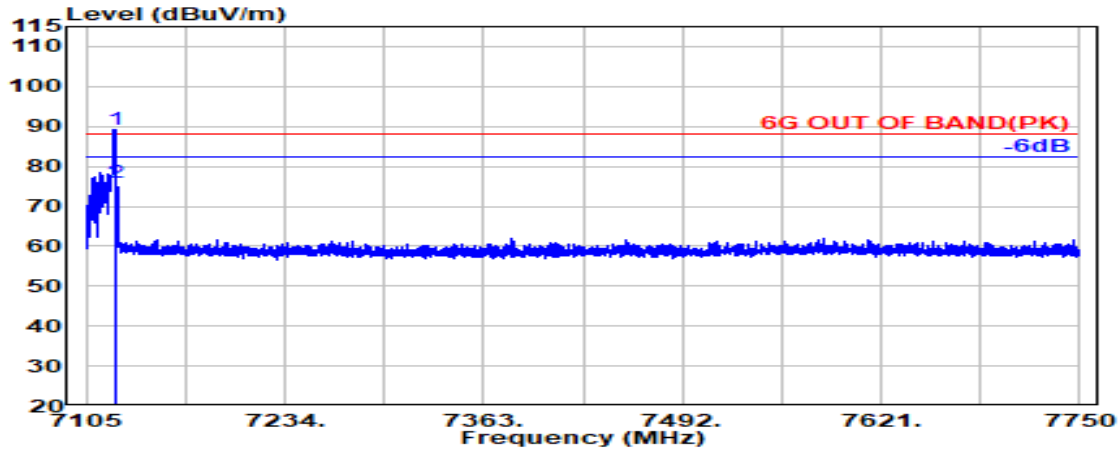


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7123.600	35.80	9.80	34.55	68.52	79.57	---	---	Average
7125.000	35.80	9.80	34.55	54.59	65.64	68.20	2.56	Average

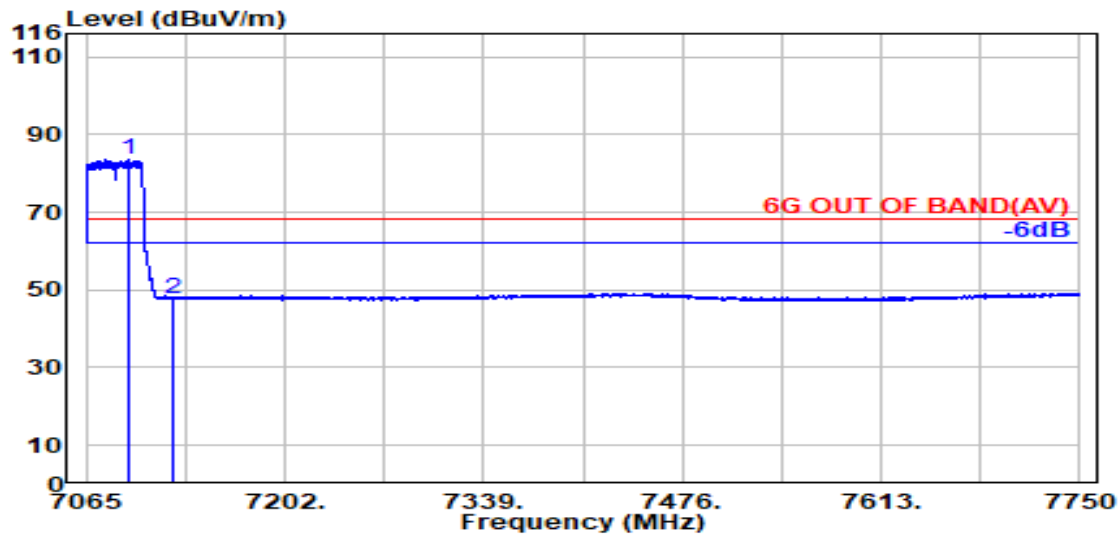
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	26T	RU Index	8
Mode	802.11ax-HE20	U-NII Band	8
		Frequency	TX 7115MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7123.600	35.80	9.80	34.55	78.10	89.15	---	---	Peak
7125.000	35.80	9.80	34.55	64.90	75.95	88.20	12.25	Peak



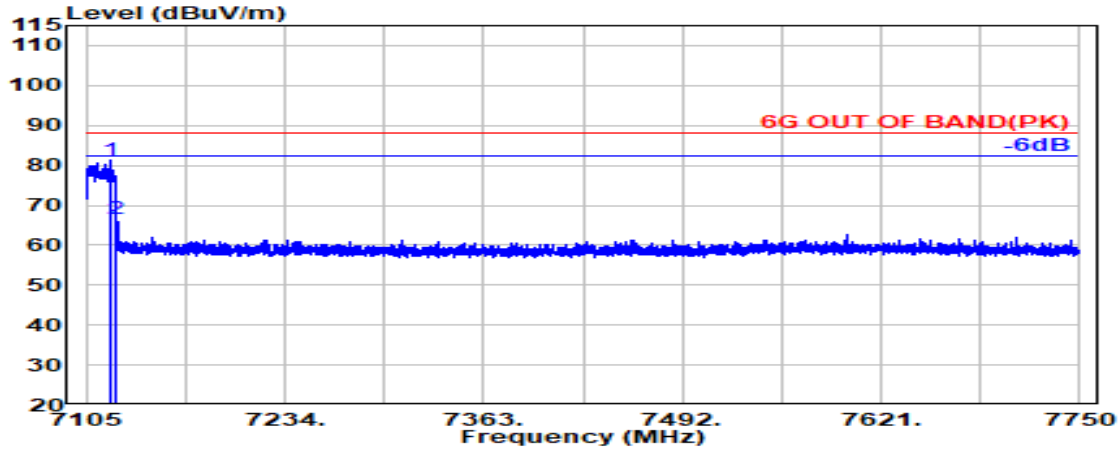
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7123.400	35.80	9.80	34.55	69.96	81.00	---	---	Average
7125.000	35.80	9.80	34.55	55.36	66.40	68.20	1.80	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

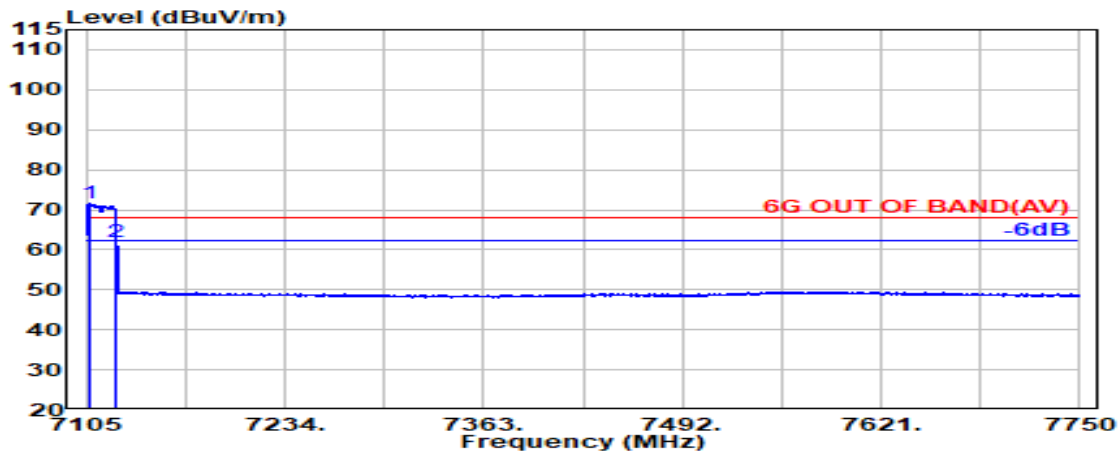
Test SKU: SKU (Mode) 2 with LG (Luxshare), L1LRF008-CS-H

Tones	242T	RU Index	61
Mode	802.11ax-HE20	U-NII Band	8
		Frequency	TX 7115MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 7120.500	35.80	9.80	34.55	70.26	81.31	---	---	Peak
7125.000	35.80	9.80	34.55	55.66	66.71	88.20	21.49	Peak

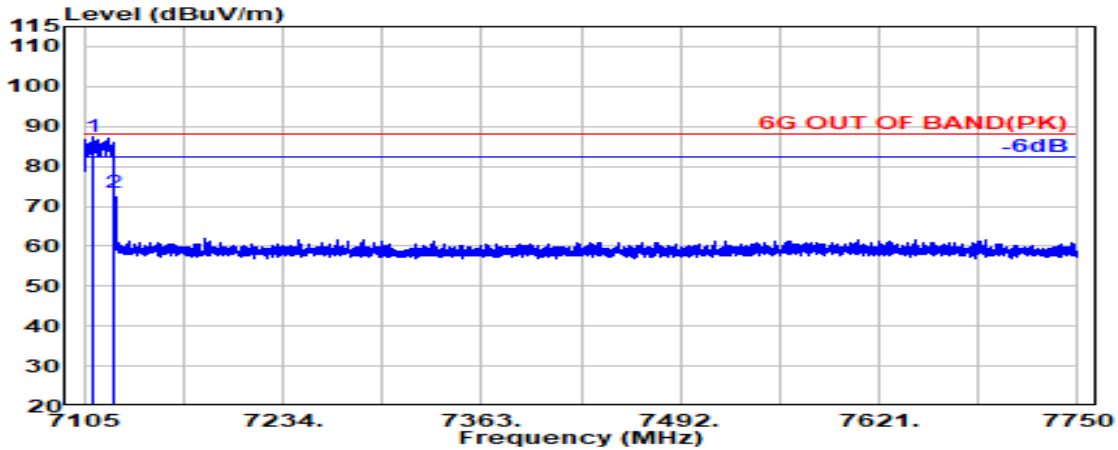


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 7107.800	35.80	9.79	34.54	60.63	71.68	---	---	Average
7125.000	35.80	9.80	34.55	50.84	61.89	68.20	6.31	Average

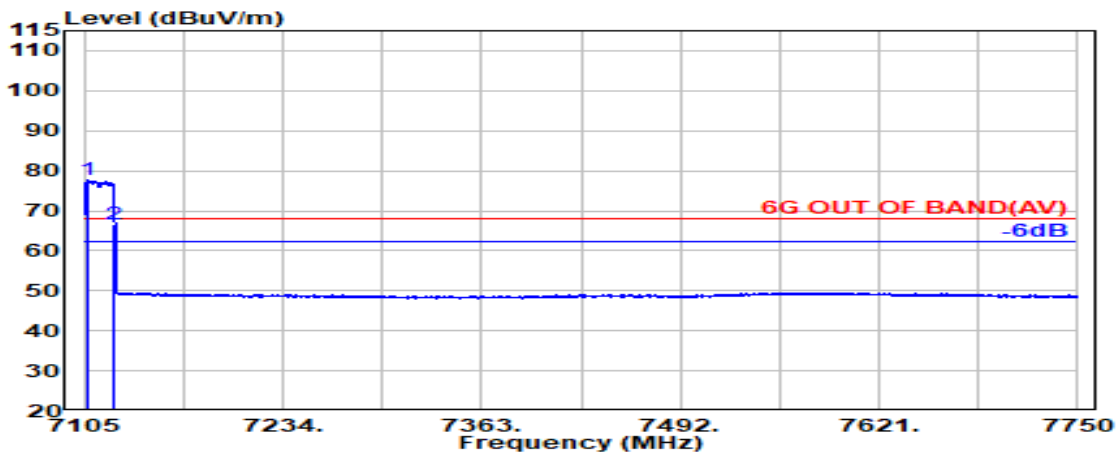
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	242T	RU Index	61
Mode	802.11ax-HE20	U-NII Band	8
		Frequency	TX 7115MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7110.800	35.80	9.79	34.54	76.28	87.32	---	---	Peak
7125.000	35.80	9.80	34.55	62.27	73.32	88.20	14.88	Peak



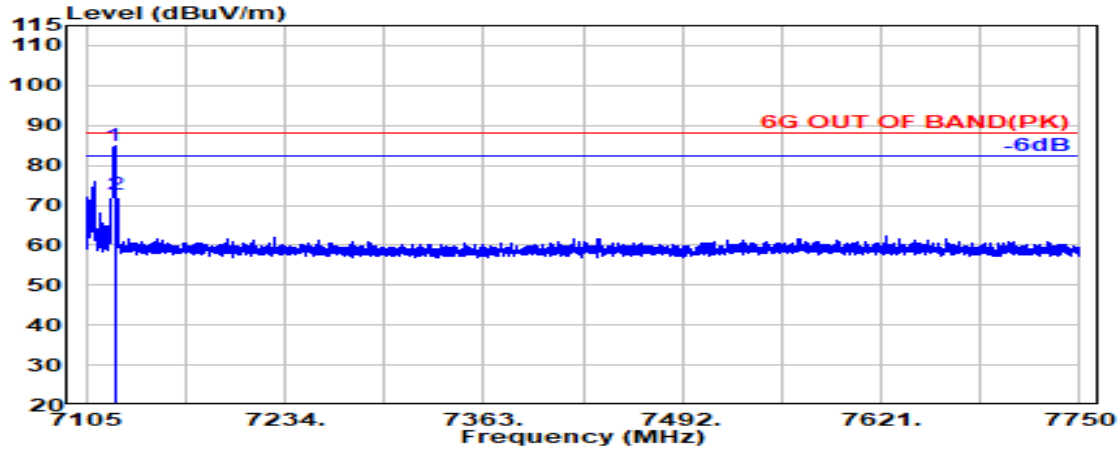
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7107.700	35.80	9.79	34.54	66.53	77.58	---	---	Average
7125.000	35.80	9.80	34.55	55.64	66.69	68.20	1.51	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

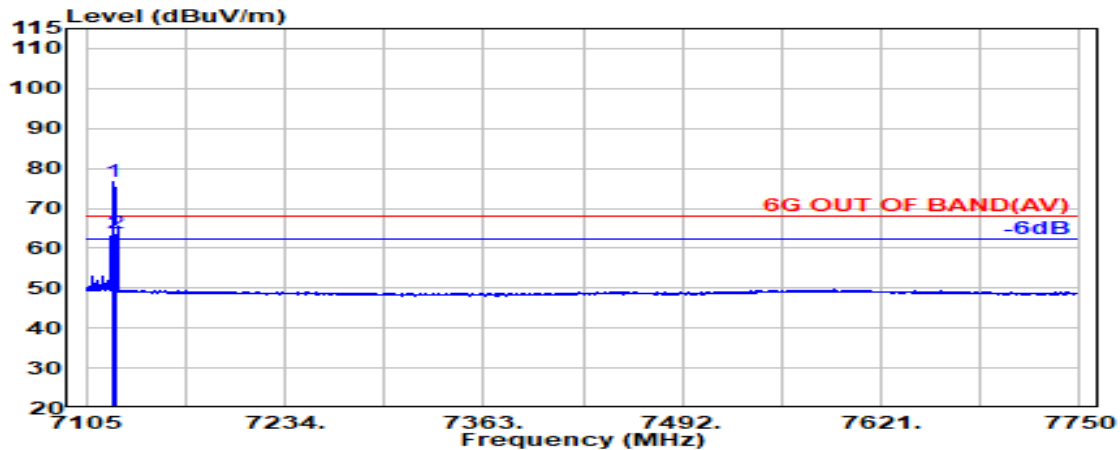
Test SKU: SKU (Mode) 3 with LG (INPAQ), WA-P-LBLB-04-110

Tones	26T	RU Index	8
Mode	802.11ax-HE20	U-NII Band	8
		Frequency	TX 7115MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7123.400	35.80	9.80	34.55	73.79	84.84	---	---	Peak
7125.000	35.80	9.80	34.55	61.59	72.64	88.20	15.56	Peak

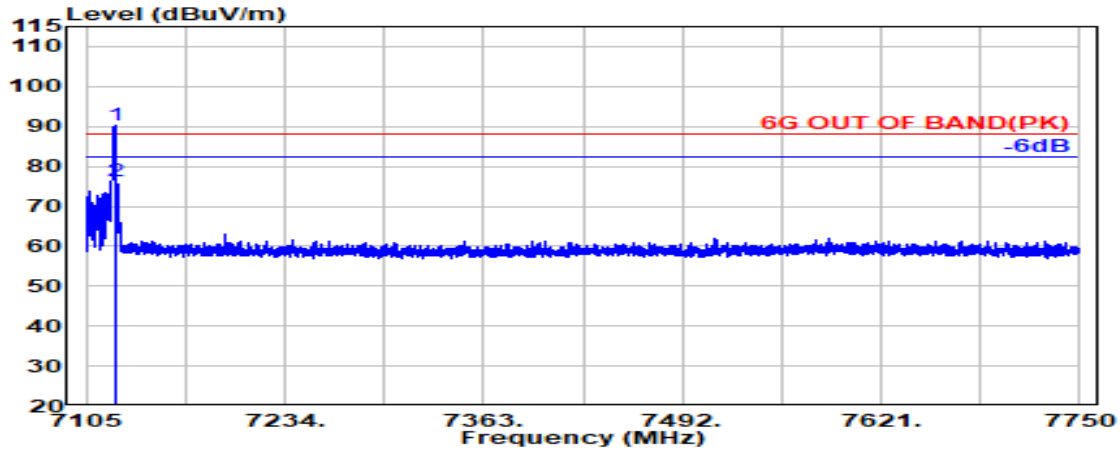


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7123.100	35.80	9.80	34.55	65.65	76.70	---	---	Average
7125.000	35.80	9.80	34.55	52.65	63.70	68.20	4.50	Average

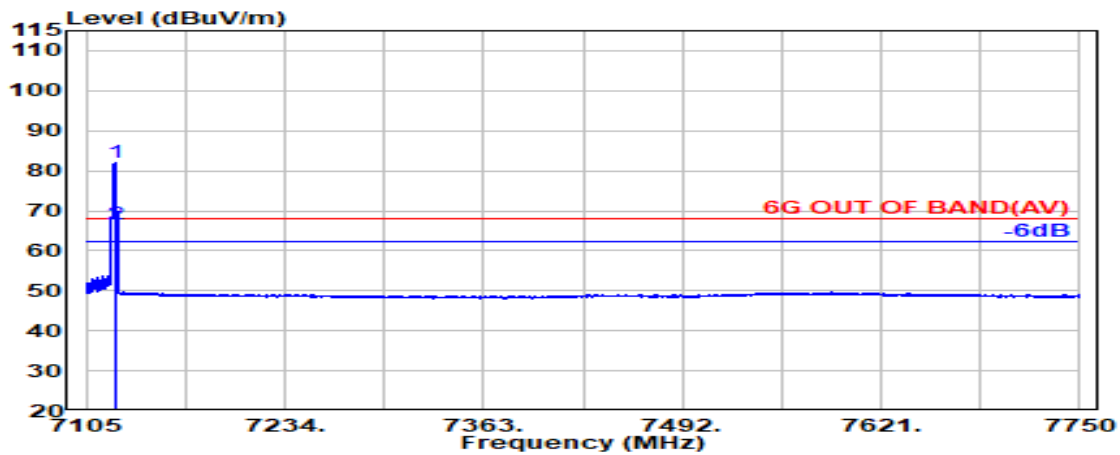
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	26T	RU Index	8
Mode	802.11ax-HE20	U-NII Band	8
		Frequency	TX 7115MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7123.500	35.80	9.80	34.55	79.16	90.21	---	---	Peak
7125.000	35.80	9.80	34.55	65.12	76.17	88.20	12.03	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7123.700	35.80	9.80	34.55	70.92	81.97	---	---	Average
7125.000	35.80	9.80	34.55	55.53	66.58	68.20	1.62	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

A.2.2 Emissions outside the frequency band

The emissions (up to 40GHz) not reported for there is no emission be found.

- OFDM Modulation

Test SKU: SKU (Mode) 1 with LG (INPAQ), WA-P-LELE-04-009

Mode	802.11ax-HE160	U-NII Band	8
		Frequency	TX 6985MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
13970.000	41.81	15.32	32.94	27.36	51.55	54.00	2.45	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
13970.000	41.81	15.32	32.94	27.75	51.93	54.00	2.07	Peak

Test SKU: SKU (Mode) 2 with LG (Luxshare), L1LRF008-CS-H

Mode	802.11ax-HE40	U-NII Band	8
		Frequency	TX 7085MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
14170.000	42.62	15.52	33.13	27.38	52.40	54.00	1.60	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
14170.000	42.62	15.52	33.13	26.82	51.83	54.00	2.17	Peak

Test SKU: SKU (Mode) 3 with LG (INPAQ), WA-P-LBLB-04-110

Mode	802.11ax-HE80	U-NII Band	5
		Frequency	TX 6385MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
12770.000	39.27	14.65	33.71	32.16	52.37	54.00	1.63	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
12770.000	39.27	14.65	33.71	31.78	51.98	54.00	2.02	Peak

A.2.3 Emissions in Non-restricted Frequency Bands

Pursuant to KDB 789033 D02 General UNII Test Procedures New Rules v02r01 that emission levels below the 15.209 general radiated emissions limits is not required.