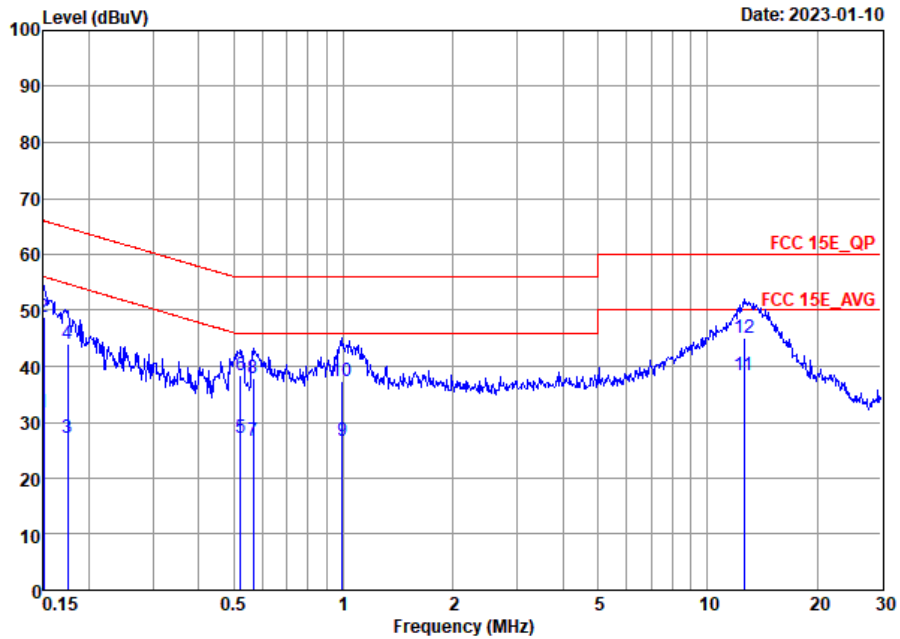




Appendix B. AC Conducted Emission Test Results

Test Engineer :	Lily Qiu	Temperature :	20~23°C
		Relative Humidity :	41~46%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

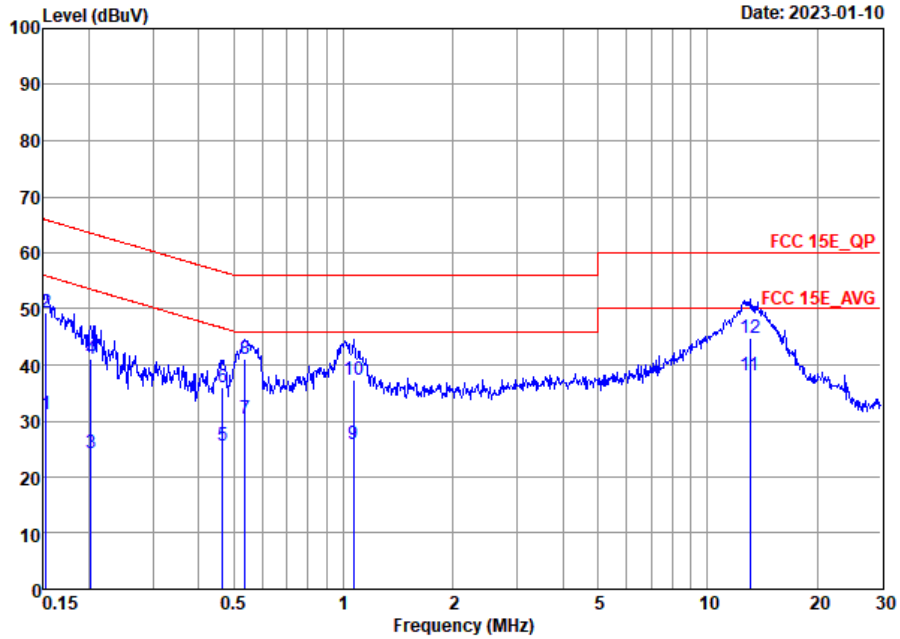


Site : CO01-SZ
 Condition: FCC 15E_QP LISN_20220811_ L LINE

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	31.75	-24.25	56.00	10.70	10.20	10.85	Average
2	0.15	48.85	-17.15	66.00	27.80	10.20	10.85	QP
3	0.17	27.07	-27.65	54.72	6.40	10.20	10.47	Average
4	0.17	43.97	-20.75	64.72	23.30	10.20	10.47	QP
5	0.52	27.28	-18.72	46.00	5.39	10.12	11.77	Average
6	0.52	38.28	-17.72	56.00	16.39	10.12	11.77	QP
7	0.56	26.68	-19.32	46.00	4.99	10.11	11.58	Average
8	0.56	37.98	-18.02	56.00	16.29	10.11	11.58	QP
9	0.99	26.67	-19.33	46.00	6.30	10.12	10.25	Average
10	0.99	37.27	-18.73	56.00	16.90	10.12	10.25	QP
11 *	12.58	38.30	-11.70	50.00	18.20	9.78	10.32	Average
12	12.58	45.10	-14.90	60.00	25.00	9.78	10.32	QP



Test Engineer :	Lily Qiu	Temperature :	20~23°C
		Relative Humidity :	41~46%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-SZ
 Condition: FCC 15E_QP LISN_20220811_N NEUTRAL

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	31.32	-24.55	55.87	10.20	10.31	10.81	Average
2	0.15	49.22	-16.65	65.87	28.10	10.31	10.81	QP
3	0.20	24.26	-29.23	53.49	3.80	10.28	10.18	Average
4	0.20	41.16	-22.33	63.49	20.70	10.28	10.18	QP
5	0.47	25.63	-20.95	46.58	3.70	10.19	11.74	Average
6	0.47	35.93	-20.65	56.58	14.00	10.19	11.74	QP
7	0.54	30.40	-15.60	46.00	8.50	10.21	11.69	Average
8	0.54	41.10	-14.90	56.00	19.20	10.21	11.69	QP
9	1.07	25.96	-20.04	46.00	5.50	10.23	10.23	Average
10	1.07	37.36	-18.64	56.00	16.90	10.23	10.23	QP
11 *	13.06	38.04	-11.96	50.00	17.80	9.91	10.33	Average
12	13.06	44.74	-15.26	60.00	24.50	9.91	10.33	QP

Note:

- Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
- Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)



Appendix C. Radiated Spurious Emission

Test Engineer :	LiangPing Zhou	Temperature :	24~25°C
		Relative Humidity :	48~49%

U NII-4 - 5850~5895MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 169 5845MHz		5644.6	60.51	-7.79	68.3	20.55	31.6	8.36	0	350	290	P	H
		5693.2	61.32	-38.97	100.29	21.03	31.78	8.51	0	350	290	P	H
		5707.6	60.85	-46.58	107.43	20.35	31.85	8.65	0	350	290	P	H
		5723.8	60.24	-59.32	119.56	19.68	31.91	8.65	0	350	290	P	H
		5908.6	61.57	-38.74	100.31	20.27	32.5	8.8	0	350	290	P	H
		6138.4	62.86	-25.44	88.3	20.6	32.92	9.34	0	350	290	P	H
	*	5845	111.8	-	-	70.57	32.34	8.89	0	350	290	P	H
	*	5845	104.46	-	-	63.23	32.34	8.89	0	350	290	A	H
		5647.6	60.14	-8.16	68.3	20.18	31.6	8.36	0	307	226	P	V
		5650.6	61	-7.75	68.75	20.98	31.66	8.36	0	307	226	P	V
		5702.8	61.27	-44.82	106.09	20.77	31.85	8.65	0	307	226	P	V
		5720.8	59.92	-52.8	112.72	19.36	31.91	8.65	0	307	226	P	V
		5903.2	62.69	-41.59	104.28	21.42	32.47	8.8	0	307	226	P	V
		6104.8	62.55	-25.75	88.3	20.51	32.86	9.18	0	307	226	P	V
	*	5845	115.41	-	-	74.18	32.34	8.89	0	307	226	P	V
	*	5845	108.12	-	-	66.89	32.34	8.89	0	307	226	A	V



WiFi Ant. 1+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)
802.11a CH 177 5885MHz	*	5885	113.27	-	-	71.99	32.43	8.85	0	287	289	P	H
	*	5885	106.18	-	-	64.9	32.43	8.85	0	287	289	A	H
		5644.4	60.33	-7.97	68.3	20.37	31.6	8.36	0	287	289	P	H
		5690.6	60.17	-38.2	98.37	19.88	31.78	8.51	0	287	289	P	H
		5715.8	60.47	-49.26	109.73	19.97	31.85	8.65	0	287	289	P	H
		5724.8	59.56	-62.28	121.84	19	31.91	8.65	0	287	289	P	H
		5895.2	94.79	-15.36	110.15	53.52	32.47	8.8	0	287	289	P	H
		6099.2	62.98	-25.32	88.3	20.94	32.86	9.18	0	287	289	P	H
	*	5885	114.98	-	-	73.7	32.43	8.85	0	329	224	P	V
	*	5885	108.73	-	-	67.45	32.43	8.85	0	329	224	A	V
		5622.8	60.46	-7.84	68.3	20.51	31.59	8.36	0	329	224	P	V
		5687	61.41	-34.3	95.71	21.12	31.78	8.51	0	329	224	P	V
		5702.6	61.17	-44.86	106.03	20.67	31.85	8.65	0	329	224	P	V
		5724.8	59.81	-62.03	121.84	19.25	31.91	8.65	0	329	224	P	V
		5895.2	98.75	-11.4	110.15	57.48	32.47	8.8	0	329	224	P	V
		5925.2	63.74	-24.56	88.3	22.41	32.53	8.8	0	329	224	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. Preamp Factor = 0 means no amplifier.												



**U NII-4 5850~5895MHz
WIFI 802.11a (Harmonic @ 3m)**

WIFI Ant. 1+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)
802.11a CH 169 5845MHz		11690	49.64	-24.36	74	52	39.67	11.55	53.58	-	-	P	H
		17535	55.06	-33.24	88.3	52.07	42.33	13.24	52.58	-	-	P	H
		11690	53.25	-20.75	74	55.61	39.67	11.55	53.58	-	-	P	V
		17535	57.07	-31.23	88.3	54.08	42.33	13.24	52.58	-	-	P	V
802.11a CH 173 5865MHz		11730	54.89	-19.11	74	56.4	40.48	11.57	53.56	395	18	P	H
		11730	49.42	-4.58	54	50.93	40.48	11.57	53.56	395	18	A	H
		17595	54.65	-33.65	88.3	49.51	44.5	13.26	52.62	-	-	P	H
		11730	52.78	-21.22	74	54.29	40.48	11.57	53.56	-	-	P	V
		17595	57.8	-30.5	88.3	52.66	44.5	13.26	52.62	-	-	P	V
802.11a CH 177 5885MHz		11770	51.27	-22.73	74	53.44	39.78	11.58	53.53	-	-	P	H
		17655	54.55	-33.75	88.3	51.5	42.45	13.26	52.66	-	-	P	H
		11770	54.26	-19.74	74	56.43	39.78	11.58	53.53	100	314	P	V
		11770	48.94	-5.06	54	51.11	39.78	11.58	53.53	100	314	A	V
		17655	57.99	-30.31	88.3	54.94	42.45	13.26	52.66	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U NII-4 5850~5895MHz
WIFI 802.11ax HE20_Full(Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 1+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). Rows include test data for frequencies from 5628.4 to 6039.4 MHz and 5845 MHz, with various levels and margins.



WIFI Ant. 1+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)
802.11ax HE20 Full CH 177 5885MHz	*	5885	113.7	-	-	72.42	32.43	8.85	0	286	289	P	H
	*	5885	105.28	-	-	64	32.43	8.85	0	286	289	A	H
		5647.4	60.76	-7.54	68.3	20.8	31.6	8.36	0	286	289	P	H
		5675.6	61.44	-25.84	87.28	21.21	31.72	8.51	0	286	289	P	H
		5716.4	60.85	-49.04	109.89	20.35	31.85	8.65	0	286	289	P	H
		5721.2	59.35	-54.29	113.64	18.79	31.91	8.65	0	286	289	P	H
		5895.2	98.33	-11.82	110.15	57.06	32.47	8.8	0	286	289	P	H
		5925.8	67.14	-21.16	88.3	25.81	32.53	8.8	0	286	289	P	H
	*	5885	115.91	-	-	74.63	32.43	8.85	0	297	225	P	V
	*	5885	108.68	-	-	67.4	32.43	8.85	0	297	225	A	V
		5611.4	61.65	-6.65	68.3	21.85	31.58	8.22	0	297	225	P	V
		5693	61.8	-38.34	100.14	21.51	31.78	8.51	0	297	225	P	V
		5706.2	60.75	-46.29	107.04	20.25	31.85	8.65	0	297	225	P	V
		5722.4	60	-56.37	116.37	19.44	31.91	8.65	0	297	225	P	V
		5895.2	106.69	-3.46	110.15	65.42	32.47	8.8	0	297	225	P	V
		5925.8	72.64	-15.66	88.3	31.31	32.53	8.8	0	297	225	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. Preamp Factor = 0 means no amplifier.												



U NII-4 5850~5895MHz
WIFI 802.11ax HE20_Full (Harmonic @ 3m)

WIFI Ant. 1+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)
802.11ax		11690	49.15	-24.85	74	51.51	39.67	11.55	53.58	-	-	P	H
HE20 Full		17535	55.39	-32.91	88.3	52.4	42.33	13.24	52.58	-	-	P	H
CH 169		11690	51.4	-22.6	74	53.76	39.67	11.55	53.58	-	-	P	V
5845MHz		17535	57.99	-30.31	88.3	55	42.33	13.24	52.58	-	-	P	V
802.11ax		11730	50.04	-23.96	74	51.55	40.48	11.57	53.56	-	-	P	H
HE20 Full		17595	55.35	-32.95	88.3	50.21	44.5	13.26	52.62	-	-	P	H
CH 173		11730	52.67	-21.33	74	54.18	40.48	11.57	53.56	-	-	P	V
5865MHz		17595	57.56	-30.74	88.3	52.42	44.5	13.26	52.62	-	-	P	V
802.11ax		11770	51.5	-22.5	74	53.67	39.78	11.58	53.53	-	-	P	H
HE20 Full		17655	55.01	-33.29	88.3	51.96	42.45	13.26	52.66	-	-	P	H
CH 177		11770	54.32	-19.68	74	56.49	39.78	11.58	53.53	100	310	P	V
5885MHz		11770	47.61	-6.39	54	49.78	39.78	11.58	53.53	100	310	A	V
		17655	58.41	-29.89	88.3	55.36	42.45	13.26	52.66	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U NII-4 5850~5895MHz
WIFI 802.11ax HE40_Full (Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 1+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). Rows include test data for 802.11ax HE40 Full CH 167 5835MHz.



WiFi Ant. 1+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)
802.11ax HE40 Full CH 175 5875MHz	*	5875	115.07	-	-	73.79	32.43	8.85	0	299	285	P	H
	*	5875	105.74	-	-	64.46	32.43	8.85	0	299	285	A	H
		5604.2	62.29	-6.01	68.3	22.49	31.58	8.22	0	299	285	P	H
		5659.4	61.87	-13.41	75.28	21.85	31.66	8.36	0	299	285	P	H
		5717.6	62.55	-47.68	110.23	21.99	31.91	8.65	0	299	285	P	H
		5722.4	60.82	-55.55	116.37	20.26	31.91	8.65	0	299	285	P	H
		5895.2	96.48	-13.67	110.15	55.21	32.47	8.8	0	299	285	P	H
		5925.8	86.98	-1.32	88.3	45.65	32.53	8.8	0	299	285	P	H
	*	5875	116.02	-	-	74.74	32.43	8.85	0	298	226	P	V
	*	5875	107.48	-	-	66.2	32.43	8.85	0	298	226	A	V
		5646.8	61.29	-7.01	68.3	21.33	31.6	8.36	0	298	226	P	V
		5657	60.82	-12.68	73.5	20.8	31.66	8.36	0	298	226	P	V
		5720	61.87	-49.03	110.9	21.31	31.91	8.65	0	298	226	P	V
		5720	61.87	-49.03	110.9	21.31	31.91	8.65	0	298	226	P	V
		5898.8	98.93	-8.58	107.51	57.66	32.47	8.8	0	298	226	P	V
	5925.8	88.2	-0.1	88.3	46.87	32.53	8.8	0	298	226	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. Preamp Factor = 0 means no amplifier.												



U NII-4 5850~5895MHz
WIFI 802.11ax HE40_Full (Harmonic @ 3m)

WIFI Ant. 1+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)
802.11ax		11670	50.3	-23.7	74	52.7	39.64	11.55	53.59	-	-	P	H
HE40 Full		17505	63.9	-24.4	88.3	60.92	42.31	13.23	52.56	-	-	P	H
CH 167		11670	51.63	-22.37	74	54.03	39.64	11.55	53.59	-	-	P	V
5835MHz		17505	58.48	-29.82	88.3	55.5	42.31	13.23	52.56	-	-	P	V
802.11ax		11750	50.7	-23.3	74	52.92	39.75	11.58	53.55	-	-	P	H
HE40 Full		17625	58.76	-29.54	88.3	55.72	42.42	13.26	52.64	-	-	P	H
CH 175		11750	49.98	-24.02	74	52.2	39.75	11.58	53.55	-	-	P	V
5875MHz		17625	55.91	-32.39	88.3	52.87	42.42	13.26	52.64	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U NII-4 5850~5895MHz
WIFI 802.11ax HE80_Full (Band Edge @ 3m)

WIFI Ant. 1+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)
802.11ax HE80 Full CH 171 5855MHz		5639.2	61.5	-6.8	68.3	21.54	31.6	8.36	0	291	287	P	H
		5699.8	64.72	-40.43	105.15	24.29	31.78	8.65	0	291	287	P	H
		5710	67.05	-41.05	108.1	26.55	31.85	8.65	0	291	287	P	H
		5722.6	67.78	-49.05	116.83	27.22	31.91	8.65	0	291	287	P	H
		5895	96.39	-13.91	110.3	55.12	32.47	8.8	0	291	287	P	H
		5926.6	84.15	-4.15	88.3	42.82	32.53	8.8	0	291	287	P	H
	*	5855	111.4	-	-	70.11	32.4	8.89	0	291	287	P	H
	*	5855	104.2	-	-	62.91	32.4	8.89	0	291	287	A	H
		5603.2	61.86	-6.44	68.3	22.06	31.58	8.22	0	287	226	P	V
		5692.6	66.83	-33.01	99.84	26.54	31.78	8.51	0	287	226	P	V
		5718.4	69.11	-41.34	110.45	28.55	31.91	8.65	0	287	226	P	V
		5723.2	71.27	-46.93	118.2	30.71	31.91	8.65	0	287	226	P	V
		5895	101.95	-8.35	110.3	60.68	32.47	8.8	0	287	226	P	V
		5927.2	87.71	-0.59	88.3	46.38	32.53	8.8	0	287	226	P	V
		*	5855	113.91	-	-	72.62	32.4	8.89	0	287	226	P
	*	5855	106.68	-	-	65.39	32.4	8.89	0	287	226	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. Preamp Factor = 0 means no amplifier.												



U NII-4 5850~5895MHz

WIFI 802.11ax HE80_Full (Harmonic @ 3m)

WIFI Ant. 1+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)
802.11ax		11710	48.72	-25.28	74	51.03	39.69	11.57	53.57	-	-	P	H
HE80 Full		17565	58.21	-30.09	88.3	55.19	42.36	13.25	52.59	-	-	P	H
CH 171		11710	47.75	-26.25	74	50.06	39.69	11.57	53.57	-	-	P	V
5855MHz		17565	53.98	-34.32	88.3	50.96	42.36	13.25	52.59	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U NII-4 5850~5895MHz
WIFI 802.11ax HE160_Full(Band Edge @ 3m)

WIFI Ant. 1+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)
802.11ax HE160 Full CH 163 5815MHz		5637.4	65.7	-2.6	68.3	25.74	31.6	8.36	0	293	288	P	H
		5697.4	68.78	-34.6	103.38	28.49	31.78	8.51	0	293	288	P	H
		5717.2	72.3	-37.82	110.12	31.8	31.85	8.65	0	293	288	P	H
		5721.4	72.14	-41.95	114.09	31.58	31.91	8.65	0	293	288	P	H
		5895	85.01	-25.29	110.3	43.74	32.47	8.8	0	293	288	P	H
		5941.6	72.98	-15.32	88.3	31.66	32.56	8.76	0	293	288	P	H
	*	5815	104.51	-	-	63.35	32.22	8.94	0	293	288	P	H
	*	5815	97.26	-	-	56.1	32.22	8.94	0	293	288	A	H
		5648.8	66.61	-1.69	68.3	26.65	31.6	8.36	0	287	226	P	V
		5696.8	70	-32.94	102.94	29.71	31.78	8.51	0	287	226	P	V
		5717.2	73.88	-36.24	110.12	33.38	31.85	8.65	0	287	226	P	V
		5721.4	73.29	-40.8	114.09	32.73	31.91	8.65	0	287	226	P	V
		5895	92.3	-18	110.3	51.03	32.47	8.8	0	287	226	P	V
		5947	74.87	-13.43	88.3	33.55	32.56	8.76	0	287	226	P	V
		*	5815	107.54	-	-	66.38	32.22	8.94	0	287	226	P
	*	5815	100.26	-	-	59.1	32.22	8.94	0	287	226	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. Preamp Factor = 0 means no amplifier.												



U NII-4 5850~5895MHz

WIFI 802.11ax HE160_Full(Harmonic @ 3m)

WIFI Ant. 1+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)
802.11ax		11630	48.68	-25.32	74	51.19	39.58	11.53	53.62	-	-	P	H
HE80 Full		17445	52.62	-35.68	88.3	49.6	42.31	13.22	52.51	-	-	P	H
CH 163		11630	48.05	-25.95	74	50.56	39.58	11.53	53.62	-	-	P	V
5815MHz		17445	53	-35.3	88.3	49.98	42.31	13.22	52.51	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

WIFI 802.11ax HE40 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full LF		30	30.33	-9.67	40	46.26	17.56	1.21	34.7	-	-	P	H
		172.59	29.65	-13.85	43.5	44.27	17.63	2.45	34.7	-	-	P	H
		221.09	34.45	-11.55	46	49.63	16.66	2.86	34.7	-	-	P	H
		258.92	38.37	-7.63	46	52.16	17.84	3.05	34.68	-	-	P	H
		323.91	40.92	-5.08	46	52.55	19.65	3.32	34.6	-	-	P	H
		418.97	29	-17	46	38.2	21.93	3.37	34.5	-	-	p	H
		30	27.64	-12.36	40	43.57	17.56	1.21	34.7	-	-	P	V
		63.95	26.47	-13.53	40	41.4	18.13	1.8	34.86	-	-	P	V
		172.59	30.55	-12.95	43.5	45.17	17.63	2.45	34.7	-	-	P	V
		261.83	32.6	-13.4	46	46.29	17.93	3.06	34.68	-	-	P	V
		320.03	29.75	-16.25	46	41.49	19.56	3.3	34.6	-	-	P	V
		441.28	30.71	-15.29	46	39.25	22.52	3.44	34.5	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



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:

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	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)

For Average 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) + 42.6(dBμV) – 35.86 (dB)
= 43.54 (dBμV/m)
2. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)
= 43.54(dBμV/m) – 54(dBμV/m)
= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.



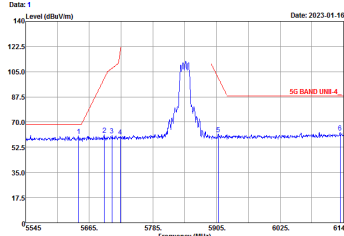
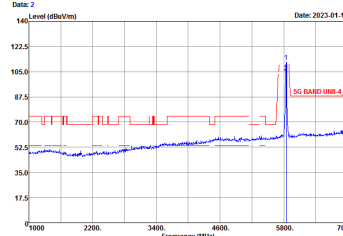
Appendix D. Radiated Spurious Emission Plots

Note symbol

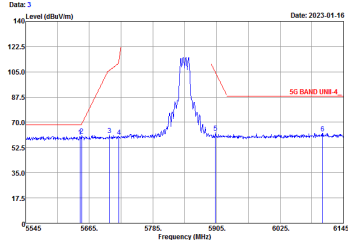
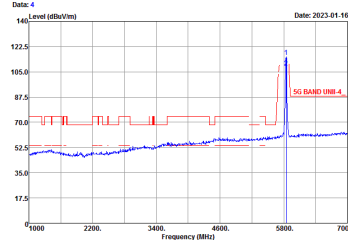
-L	Low channel location
-R	High channel location



U NII-4 - 5850~5895MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	U NII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11a CH169 5845MHz	
1+2	Horizontal	Fundamental
<p>Peak</p>	 <p> <small>Date: 1</small> <small>Level (dBuV/m)</small> <small>Date: 2023-01-16</small> <small>5G BAND U-NII-4</small> <small>Frequency (MHz)</small> </p> <p> <small>Site</small> : 03CH03-SZ <small>Condition</small> : 5G BAND U-NII-4_3m 9120D-1355 HORIZONTAL <small>Project</small> : 201901 <small>Mode</small> : Mode 1 <small>Sample</small> : #2 <small>Plane</small> : Y with Accessory <small>Plane</small> : 6M Powersetting 92 </p>	 <p> <small>Date: 2</small> <small>Level (dBuV/m)</small> <small>Date: 2023-01-16</small> <small>5G BAND U-NII-4</small> <small>Frequency (MHz)</small> </p> <p> <small>Site</small> : 03CH03-SZ <small>Condition</small> : 5G BAND U-NII-4_3m 9120D-1355 HORIZONTAL <small>Project</small> : 201901 <small>Mode</small> : Mode 1 <small>Sample</small> : #2 <small>Plane</small> : Y with Accessory <small>Plane</small> : 6M Powersetting 92 </p>



WIFI	U NII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11a CH169 5845MHz	
1+2	Vertical	Fundamental
Peak	 <p>Site : 01CH03-SZ Condition : 5G BAND UNI-4_3m 9120D-1355 VERTICAL Project : 2D1901 Mode : Mode 1 Sample : #2 Plane : Y with Accessory : 6M Powersetting 92</p>	 <p>Site : 01CH03-SZ Condition : 5G BAND UNI-4_3m 9120D-1355 VERTICAL Project : 2D1901 Mode : Mode 1 Sample : #2 Plane : Y with Accessory : 6M Powersetting 92</p>



WIFI	U NII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11a CH177 5885MHz	
1+2	Horizontal	Fundamental
Peak	<p> Date: 2 Level (dBuV/m) Date: 2023-01-16 140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 5585 5705 5825 5945 6065 6185 Frequency (MHz) Site : 03CH03-SZ Condition : 5G BAND U-NII-4_3m 9120D-1355 HORIZONTAL Project : 2D1901 Mode : Mode 3 Sample : #2 Plane : Y with Accessory : 6M Powersetting 92 </p>	<p> Date: 1 Level (dBuV/m) Date: 2023-01-16 140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 1000 2200 3400 4600 5800 7000 Frequency (MHz) Site : 03CH03-SZ Condition : 5G BAND U-NII-4_3m 9120D-1355 HORIZONTAL Project : 2D1901 Mode : Mode 3 Sample : #2 Plane : Y with Accessory : 6M Powersetting 92 </p>



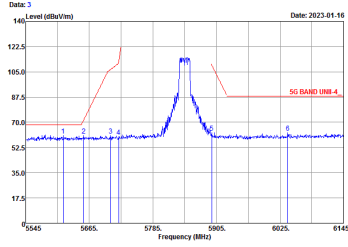
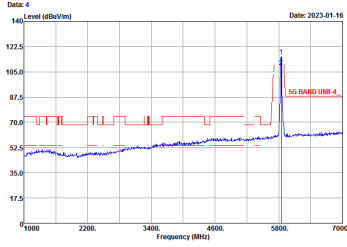
WIFI	U NII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11a CH177 5885MHz	
1+2	Vertical	Fundamental
Peak	<p> Date: 4 Level (dBuV/m) Date: 2023-01-16 140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 5585 5705 5825 5945 6065 6185 Frequency (MHz) 5G BAND UNI-4 Site : 01CH03-SZ Condition : 5G BAND UNI-4_3m 9120D-1355 VERTICAL Project : 2D1901 Mode : Mode 3 Sample : #2 Plane : Y with Accessory : 6M Powersetting 92 </p>	<p> Date: 3 Level (dBuV/m) Date: 2023-01-16 140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 4000 2200 3400 4600 5800 7000 Frequency (MHz) 5G BAND UNI-4 Site : 01CH03-SZ Condition : 5G BAND UNI-4_3m 9120D-1355 VERTICAL Project : 2D1901 Mode : Mode 3 Sample : #2 Plane : Y with Accessory : 6M Powersetting 92 </p>



**U NII-4 5850~5895MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)**

WIFI	U NII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH169 5845MHz	
1+2	Horizontal	Fundamental
Peak	<p>Date: 1 Level (dBuV/m) Date: 2023-01-16</p> <p>Site : 03CH03-SZ Condition : 5G BAND UINI-4_3m 9120D-1355 HORIZONTAL Project : 201901 Mode : Mode 4 Sample : #2 Plane : Y with Accessory MCS0 PowerSetting 94</p>	<p>Date: 2 Level (dBuV/m) Date: 2023-01-16</p> <p>Site : 03CH03-SZ Condition : 5G BAND UINI-4_3m 9120D-1355 HORIZONTAL Project : 201901 Mode : Mode 4 Sample : #2 Plane : Y with Accessory MCS0 PowerSetting 94</p>

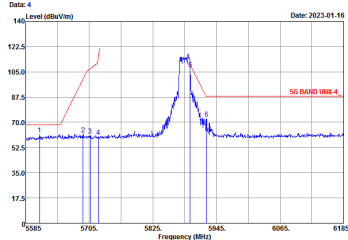
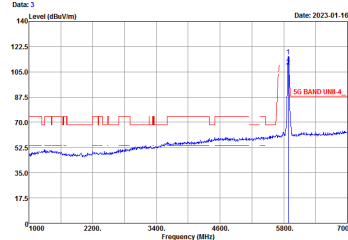


WIFI	U NII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH169 5845MHz	
1+2	Vertical	Fundamental
Peak	 <p>Site : 01CH03-SZ Condition : 5G BAND UNI-4_3m 9120D-1355 VERTICAL Project : 2D1901 Mode : Mode 4 Sample : #2 Plane : Y with Accessory MCS9 PowerSetting 94</p>	 <p>Site : 01CH03-SZ Condition : 5G BAND UNI-4_3m 9120D-1355 VERTICAL Project : 2D1901 Mode : Mode 4 Sample : #2 Plane : Y with Accessory MCS9 PowerSetting 94</p>



WIFI	U NII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH177 5885MHz	
1+2	Horizontal	Fundamental
Peak	<p>Date: 2 Level (dBuV/m) Date: 2023-01-16</p> <p>Site : 03CH03-SZ Condition : 5G BAND U-NII-4_3m 9120D-1355 HORIZONTAL Project : 201901 Mode : Mode 6 Sample : #2 Plane : Y with Accessory MCS0 PowerSetting 94</p>	<p>Date: 1 Level (dBuV/m) Date: 2023-01-16</p> <p>Site : 03CH03-SZ Condition : 5G BAND U-NII-4_3m 9120D-1355 HORIZONTAL Project : 201901 Mode : Mode 6 Sample : #2 Plane : Y with Accessory MCS0 PowerSetting 94</p>



WIFI	U NII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH177 5885MHz	
1+2	Vertical	Fundamental
Peak	 <p> Date: 4 Level (dBuV/m) Date: 2023-01-16 140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 5585 5705 5825 5945 6065 6185 Frequency (MHz) 5G BAND UNI-4 Site : 01CH03-SZ Condition : 5G BAND UNI-4_3m 9120D-1355 VERTICAL Project : 221901 Mode : Mode 6 Sample : #2 Plane : Y with Accessory : MCS9 PowerSetting 94 </p>	 <p> Date: 3 Level (dBuV/m) Date: 2023-01-16 140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 4900 5100 5300 5500 5700 5900 6100 6300 6500 6700 6900 7000 Frequency (MHz) 5G BAND UNI-4 Site : 01CH03-SZ Condition : 5G BAND UNI-4_3m 9120D-1355 VERTICAL Project : 221901 Mode : Mode 6 Sample : #2 Plane : Y with Accessory : MCS9 PowerSetting 94 </p>



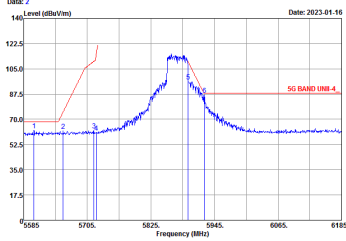
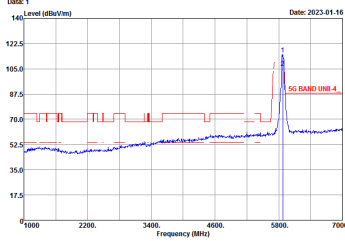
U NII-4 5850~5895MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

Table with 2 columns: WIFI (U NII-4 5850~5895MHz Band Edge @ 3m), ANT (802.11ax HE40 Full CH167 5835MHz). Row 1+2 contains two plots: Horizontal and Fundamental. The Horizontal plot shows a peak at approximately 5880 MHz. The Fundamental plot shows a peak at approximately 5880 MHz. Both plots include metadata such as Date (2023-01-16), Site (03CH03-SZ), and Project (201901).



WIFI	U NII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH167 5835MHz	
1+2	Vertical	Fundamental
Peak		



WIFI	U NII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH175 5875MHz	
1+2	Horizontal	Fundamental
Peak	 <p>Date: 2 Level (dBuV/m) Date: 2023-01-16</p> <p>Site : 03CH03-SZ Condition : 5G BAND UNI-4_3m 9120D-1355 HORIZONTAL Project : 2D1901 Mode : Mode 8 Sample : #2 Plane : Y with Accessory MCS9 Powersetting 110</p>	 <p>Date: 1 Level (dBuV/m) Date: 2023-01-16</p> <p>Site : 03CH03-SZ Condition : 5G BAND UNI-4_3m 9120D-1355 HORIZONTAL Project : 2D1901 Mode : Mode 8 Sample : #2 Plane : Y with Accessory MCS9 Powersetting 110</p>



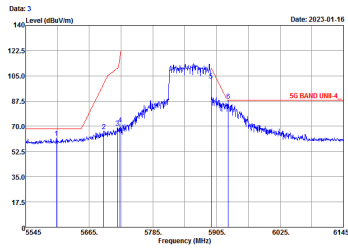
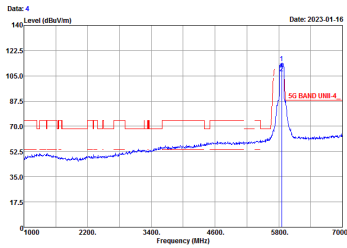
WIFI	U NII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH175 5875MHz	
1+2	Vertical	Fundamental
Peak	<p>Site : 03CH03-SZ Condition : 5G BAND U-NII-4_3m 9120D-1355 VERTICAL Project : 2D1901 Mode : Mode 8 Sample : #2 Plane : Y with Accessory : MCS9 Powersetting 110</p>	<p>Site : 03CH03-SZ Condition : 5G BAND U-NII-4_3m 9120D-1355 VERTICAL Project : 2D1901 Mode : Mode 8 Sample : #2 Plane : Y with Accessory : MCS9 Powersetting 110</p>



**U NII-4 - 5850~5895MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)**

WIFI	U NII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH171 5855MHz	
1+2	Horizontal	Fundamental
Peak	<p>Date: 1 Level (dBuV/m) Date: 2023-01-16</p> <p>Site : 03CH03-SZ Condition : 5G BAND UNI-4_3m 9120D-1355 HORIZONTAL Project : 201901 Mode : Mode 9 Sample : #2 Plane : Y with Accessory MCS9 PowerSetting 101</p>	<p>Date: 2 Level (dBuV/m) Date: 2023-01-16</p> <p>Site : 03CH03-SZ Condition : 5G BAND UNI-4_3m 9120D-1355 HORIZONTAL Project : 201901 Mode : Mode 9 Sample : #2 Plane : Y with Accessory MCS9 PowerSetting 101</p>



WIFI	U NII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH171 5855MHz	
1+2	Vertical	Fundamental
Peak	 <p>Site : 03CH03-SZ Condition : 5G BAND UNI-4_3m 9120D-1355 VERTICAL Project : 201901 Mode : Mode 9 Sample : #2 Plane : Y with Accessory : MCS9 PowerSetting 101</p>	 <p>Site : 03CH03-SZ Condition : 5G BAND UNI-4_3m 9120D-1355 VERTICAL Project : 201901 Mode : Mode 9 Sample : #2 Plane : Y with Accessory : MCS9 PowerSetting 101</p>



U NII-4 5850~5895MHz
WIFI 802.11ax HE160 Full(Band Edge @ 3m)

Table with 2 columns: Horizontal and Fundamental. Row 1: WIFI U NII-4 5850~5895MHz Band Edge @ 3m. Row 2: ANT 802.11ax HE160 Full CH163 5815MHz. Row 3: 1+2. Row 4: Peak. Each plot shows Level (dBuV/m) vs Frequency (MHz) with technical details like Date, Site, and Condition.



WIFI	U NII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH163 5815MHz	
1+2	Vertical	Fundamental
Peak	<p>Site : 03CH03-SZ Condition : 5G BAND UNII-4_3m 9120D-1355 VERTICAL Project : 201901 Mode : Mode 10 Sample : #2 Plane : Y with Accessory MCS0 Powersetting 04</p>	<p>Site : 03CH03-SZ Condition : 5G BAND UNII-4_3m 9120D-1355 VERTICAL Project : 201901 Mode : Mode 10 Sample : #2 Plane : Y with Accessory MCS0 Powersetting 04</p>



U NII-4 - 5850~5895MHz

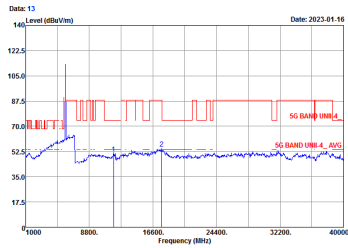
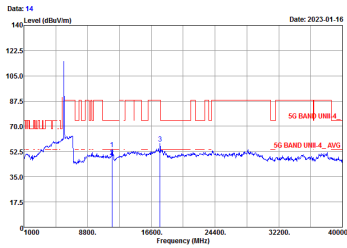
WIFI 802.11a (Harmonic @ 3m)

WIFI	U NII-4 5850~5895MHz Harmonic @ 3m	
ANT	802.11a CH169 5845MHz	
1+2	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH03-SZ Condition : 5G BAND UNII-4_3m 91200-1355 HORIZONTAL Project : 201901 Mode : Mode 1 Sample : #2 Plane : Y with Accessory : 6M Powersetting 92</p>	<p>Site : 03CH03-SZ Condition : 5G BAND UNII-4_3m 91200-1355 VERTICAL Project : 201901 Mode : Mode 1 Sample : #2 Plane : Y with Accessory : 6M Powersetting 92</p>



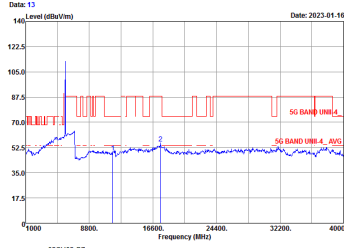
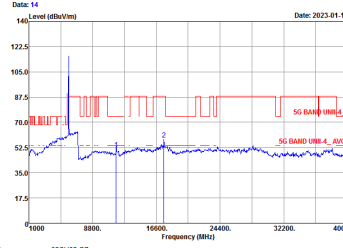
WIFI	U NII-4 5850~5895MHz Harmonic @ 3m	
ANT	802.11a CH173 5865MHz	
1+2	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH03-SZ Condition : 5G BAND UNII-4_3m 9120D-1355 HORIZONTAL Project : 201901 Mode : Mode 2 Sample : #2 Plane : Y with Accessory : 6M Powersetting 92</p>	<p>Site : 03CH03-SZ Condition : 5G BAND UNII-4_3m 9120D-1355 VERTICAL Project : 201901 Mode : Mode 2 Sample : #2 Plane : Y with Accessory : 6M Powersetting 92</p>



WIFI	U NII-4 5850~5895MHz Harmonic @ 3m	
ANT	802.11a CH177 5885MHz	
1+2	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH03-SZ Condition : 5G BAND UNI-4_3m 9120D-1355 HORIZONTAL Project : 2D1901 Mode : Mode 3 Sample : #2 Plane : Y with Accessory : 6M Powersetting 92</p>	 <p>Site : 03CH03-SZ Condition : 5G BAND UNI-4_3m 9120D-1355 VERTICAL Project : 2D1901 Mode : Mode 3 Sample : #2 Plane : Y with Accessory : 6M Powersetting 92</p>



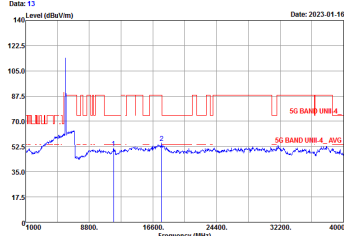
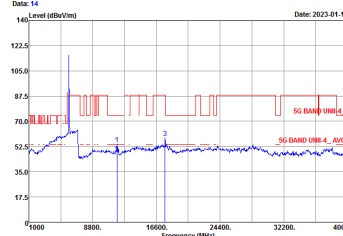
**U NII-4 5850~5895MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)**

WIFI	U NII-4 5850~5895MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH169 5845MHz	
1+2	Horizontal	Vertical
Peak Avg.	 <p> Date: 13 Level (dBuV/m) Date: 2023-01-16 140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 1900 8000 16000 24000 32000 40000 Frequency (MHz) Site : 03CH03-SZ Condition : 5G BAND UWB4_3m 9120D-1355 HORIZONTAL Project : 201901 Mode : Mode 4 Sample : #2 Plane : Y with Accessory MCS9 PowerSetting 94 </p>	 <p> Date: 14 Level (dBuV/m) Date: 2023-01-16 140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 1900 8000 16000 24000 32000 40000 Frequency (MHz) Site : 03CH03-SZ Condition : 5G BAND UWB4_3m 9120D-1355 VERTICAL Project : 201901 Mode : Mode 4 Sample : #2 Plane : Y with Accessory MCS9 PowerSetting 94 </p>



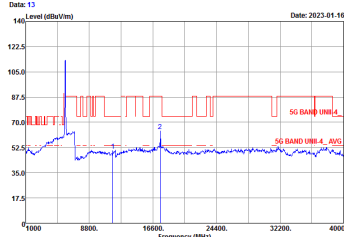
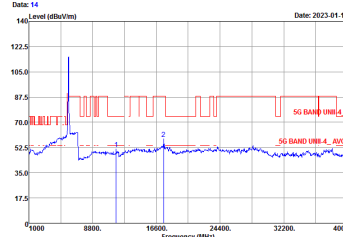
WIFI	U NII-4 5850~5895MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH173 5865MHz	
1+2	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH03-SZ Condition : 5G BAND U-NII-4_3m 9120D-1355 HORIZONTAL Project : 201901 Mode : Mode 5 Sample : #2 Plane : Y with Accessory : MCS9 PowerSetting 94</p>	<p>Site : 03CH03-SZ Condition : 5G BAND U-NII-4_3m 9120D-1355 VERTICAL Project : 201901 Mode : Mode 5 Sample : #2 Plane : Y with Accessory : MCS9 PowerSetting 94</p>



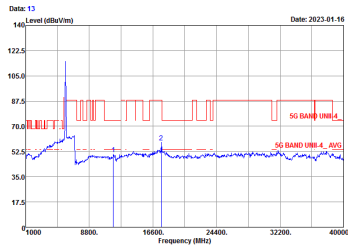
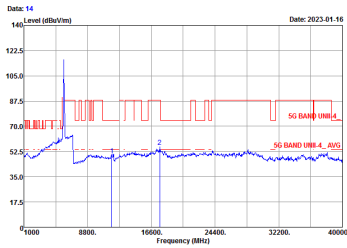
WIFI	U NII-4 5850~5895MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH177 5885MHz	
1+2	Horizontal	Vertical
Peak Avg.	 <p>Date: 13 Date: 2023-01-16</p> <p>Site : 03CH03-SZ Condition : 5G BAND U-NII-4_3m 9120D-1355 HORIZONTAL Project : 2D1901 Mode : Mode 6 Sample : #2 Plane : Y with Accessory MCSO Powersetting 94</p>	 <p>Date: 14 Date: 2023-01-16</p> <p>Site : 03CH03-SZ Condition : 5G BAND U-NII-4_3m 9120D-1355 VERTICAL Project : 2D1901 Mode : Mode 6 Sample : #2 Plane : Y with Accessory MCSO Powersetting 94</p>



**U NII-4 5850~5895MHz
WIFI 802.11ax HE40 Full (Harmonic @ 3m)**

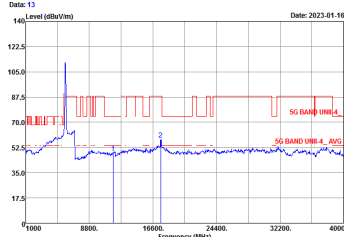
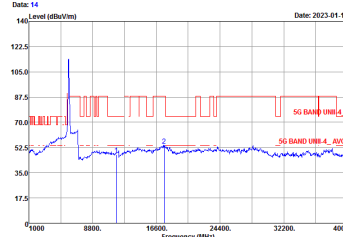
WIFI	U NII-4 5850~5895MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH167 5865MHz	
1+2	Horizontal	Vertical
Peak Avg.	 <p> Date: 13 Level (dBuV/m) Date: 2023-01-16 140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 1900 8000 16000 24000 32000 40000 Frequency (MHz) Site : 03CH03-SZ Condition : 5G BAND UHH4_3m 9120D-1355 HORIZONTAL Project : 201901 Mode : Mode 7 Sample : #2 Plane : Y with Accessory MCS9 PowerSetting 110 </p>	 <p> Date: 14 Level (dBuV/m) Date: 2023-01-16 140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 1900 8000 16000 24000 32000 40000 Frequency (MHz) Site : 03CH03-SZ Condition : 5G BAND UHH4_3m 9120D-1355 VERTICAL Project : 201901 Mode : Mode 7 Sample : #2 Plane : Y with Accessory MCS9 PowerSetting 110 </p>



WIFI	U NII-4 5850~5895MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH175 5885MHz	
1+2	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH03-SZ Condition : 5G BAND UNI-4_3m 9120D-1355 HORIZONTAL Project : 2D1901 Mode : Mode 8 Sample : #2 Plane : Y with Accessory : MCS9 Powersetting 110</p>	 <p>Site : 03CH03-SZ Condition : 5G BAND UNI-4_3m 9120D-1355 VERTICAL Project : 2D1901 Mode : Mode 8 Sample : #2 Plane : Y with Accessory : MCS9 Powersetting 110</p>

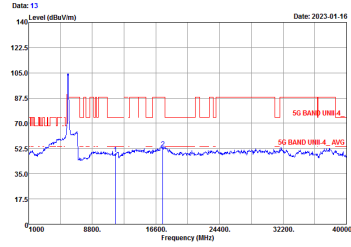
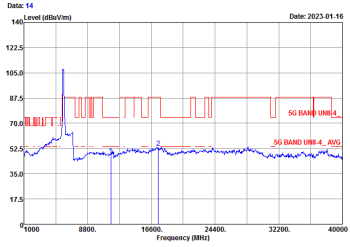


**U NII-4 5850~5895MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

WIFI	U NII-4 5850~5895MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH171 5855MHz	
1+2	Horizontal	Vertical
Peak Avg.	 <p> Date: 13 Level (dBuV/m) Date: 2023-01-16 Site : 03CH03-SZ Condition : 5G BAND UWB4_3m 9120D-1355 HORIZONTAL Project : 201901 Mode : Mode 9 Sample : #2 Plane : Y with Accessory MCS9 PowerSetting 101 </p>	 <p> Date: 14 Level (dBuV/m) Date: 2023-01-16 Site : 03CH03-SZ Condition : 5G BAND UWB4_3m 9120D-1355 VERTICAL Project : 201901 Mode : Mode 9 Sample : #2 Plane : Y with Accessory MCS9 PowerSetting 101 </p>



**U NII-4 5850~5895MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)**

WIFI	U NII-4 5850~5895MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH163 5815MHz	
1+2	Horizontal	Vertical
Peak Avg.	 <p>Date: 13 Level (dBuV/m) Date: 2023-01-16</p> <p>Site : 03CH03-SZ Condition : 5G BAND UHH-4_3m 9120D-1355 HORIZONTAL Project : 201901 Mode : Mode 10 Sample : #2 Plane : Y with Accessory MCS0 PowerSetting 04</p>	 <p>Date: 14 Level (dBuV/m) Date: 2023-01-16</p> <p>Site : 03CH03-SZ Condition : 5G BAND UHH-4_3m 9120D-1355 VERTICAL Project : 201901 Mode : Mode 10 Sample : #2 Plane : Y with Accessory MCS0 PowerSetting 04</p>



Emission below 1GHz
5GHz WIFI 802.11ax HE40 Full (LF)

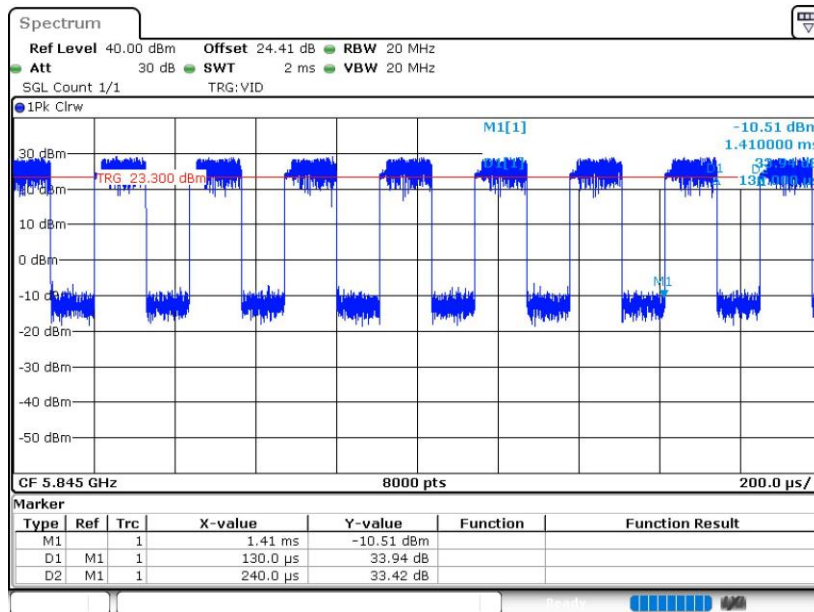
Table with 2 columns: Horizontal and Vertical. Each column contains a spectral plot of Level (dBuV/m) vs Frequency (MHz) from 0 to 1000 MHz. The plots show emission levels with FCC CLASS-B limits. Metadata includes Site: 03CH03-SZ, Condition: FCC CLASS-B 3m VULB9158-01003, Project: 201901, Mode: 11, Sample: #2, Plane: Y with Accessory, MCS9 Powersetting 110.



Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
1+2	802.11a	54.17	0.13	7.692	10kHz
1+2	802.11ax HE20	91.43	0.32	3.125	10kHz
1+2	802.11ax HE40	91.18	0.31	3.226	10kHz
1+2	802.11ax HE80	90.63	0.29	3.448	10kHz
1+2	802.11ax HE160	87.88	0.29	3.448	10kHz

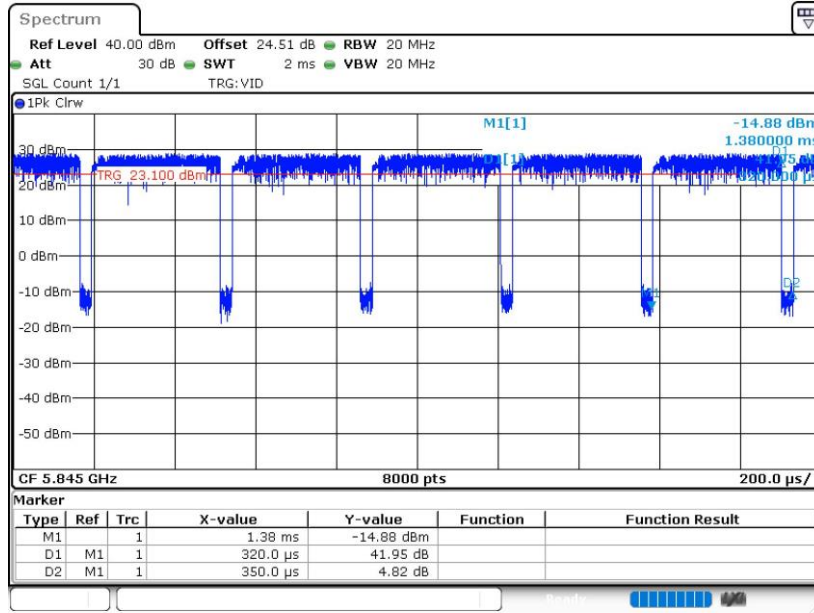
802.11a



Date: 3.JAN.2023 19:56:44

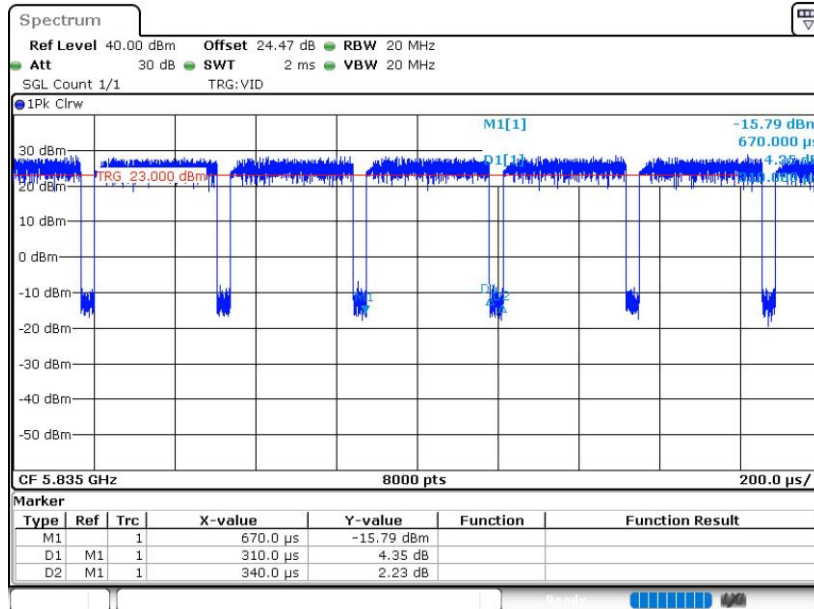


802.11ax HE20



Date: 3.JAN.2023 20:51:24

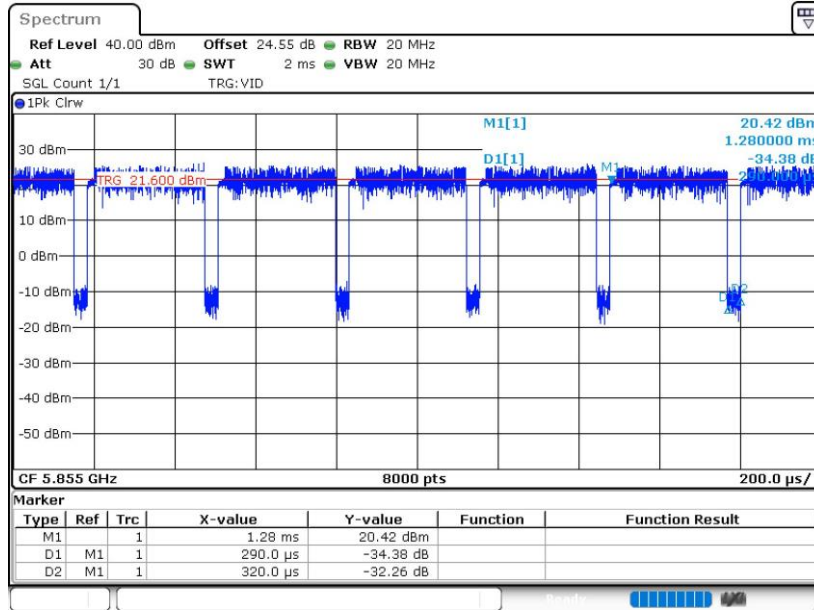
802.11ax HE40



Date: 3.JAN.2023 21:05:23

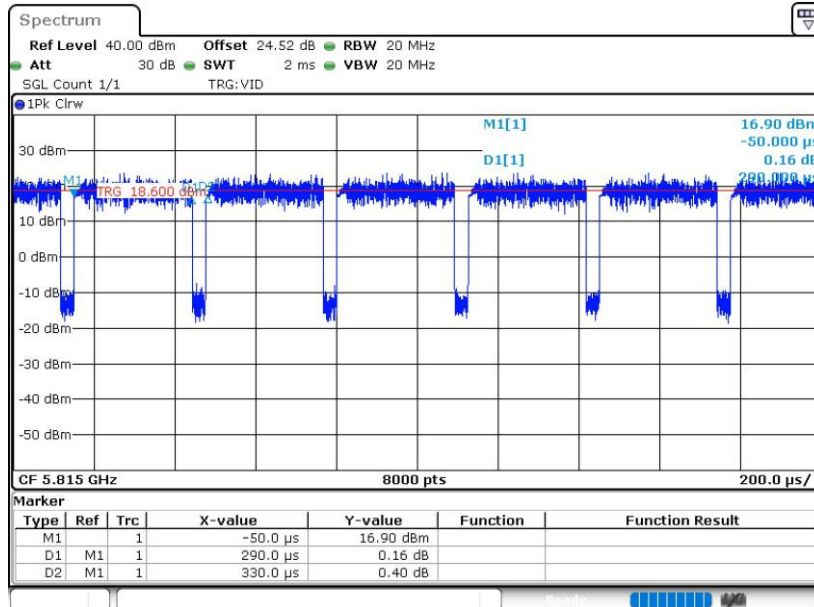


802.11ax HE80



Date: 3.JAN.2023 20:54:48

802.11ax HE160



Date: 3.JAN.2023 20:55:55