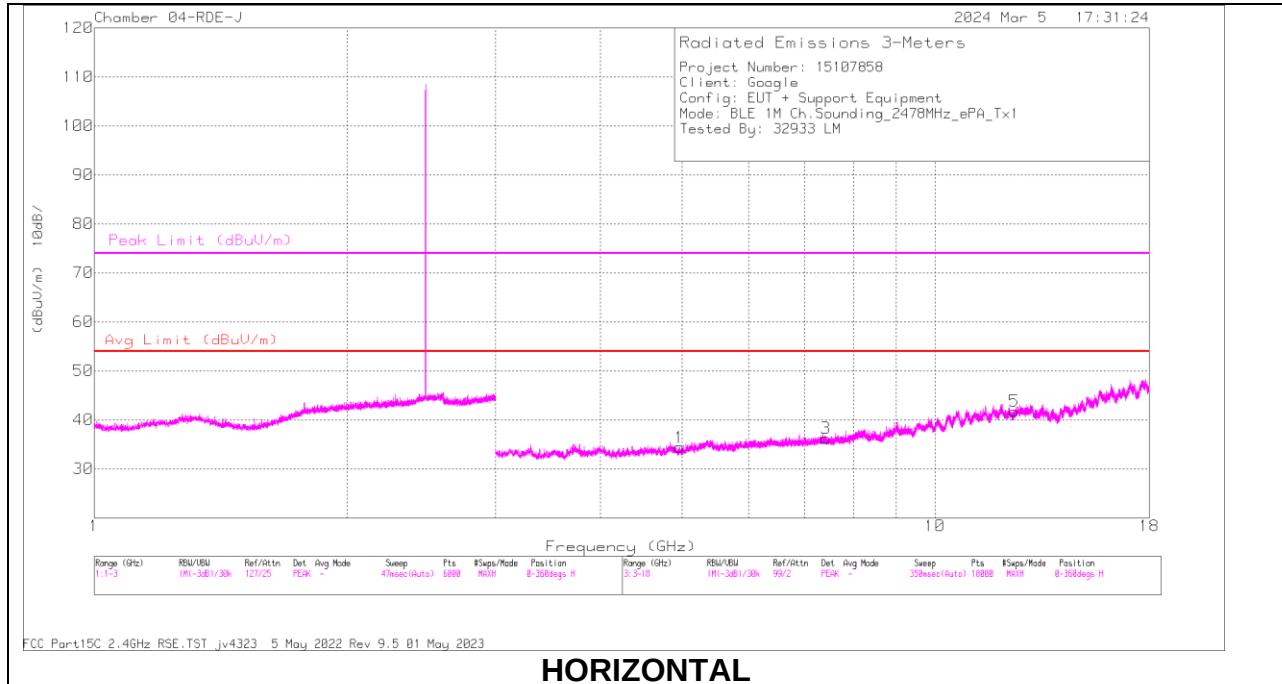
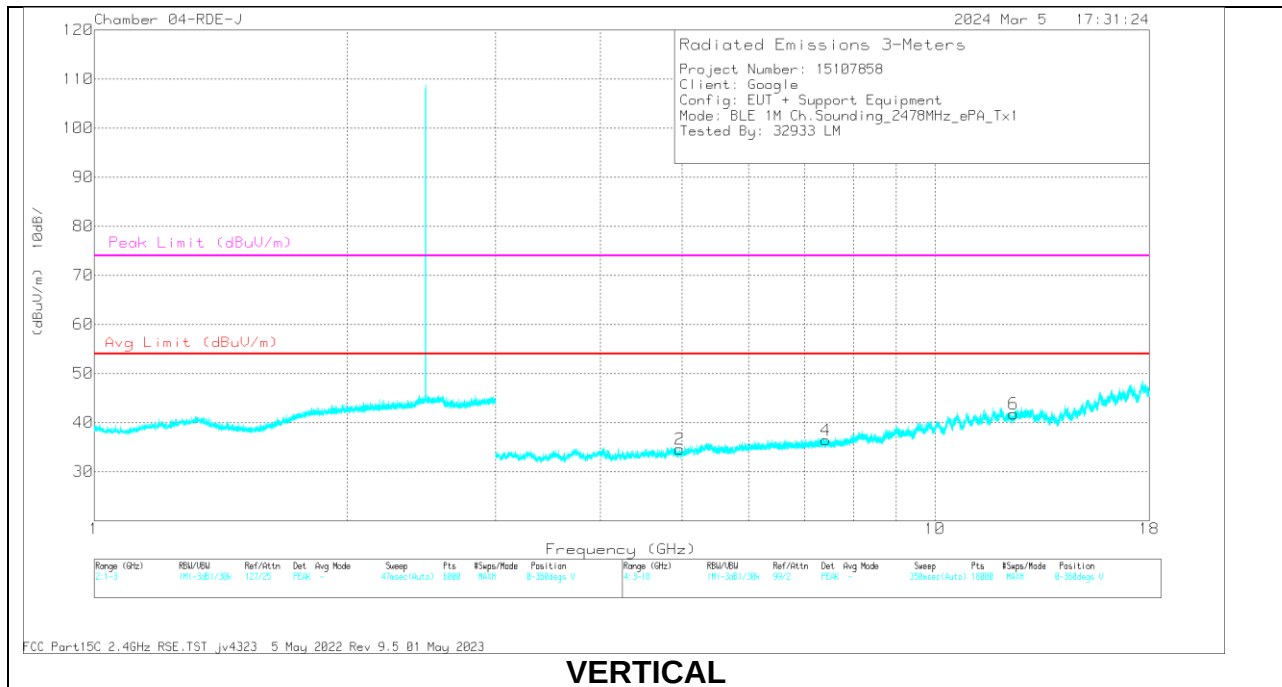


HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.970485	52.55	PKFH	34.1	-44.8	41.85	-	-	74	-32.15	0	240	H
	*** 4.96877	41.08	VA1T	34.1	-44.7	30.48	54	-23.52	-	-	0	240	H
2	*** 4.971726	52.55	PKFH	34.1	-44.7	41.95	-	-	74	-32.05	104	354	V
	*** 4.97052	40.78	VA1T	34.1	-44.7	30.18	54	-23.82	-	-	104	354	V
3	*** 7.423066	49.63	PKFH	35.8	-42.2	43.23	-	-	74	-30.77	54	193	H
	*** 7.424288	38.85	VA1T	35.8	-42.2	32.45	54	-21.55	-	-	54	193	H
4	*** 7.421727	50.04	PKFH	35.8	-42.2	43.64	-	-	74	-30.36	73	239	V
	*** 7.419858	38.73	VA1T	35.8	-42.3	32.23	54	-21.77	-	-	73	239	V
5	*** 12.418281	48.97	PKFH	38.9	-39.2	48.67	-	-	74	-25.33	253	226	H
	*** 12.422102	37.92	VA1T	38.9	-39.3	37.52	54	-16.48	-	-	253	226	H
6	*** 12.415005	49.23	PKFH	38.9	-39.2	48.93	-	-	74	-25.07	81	176	V
	*** 12.414288	38.04	VA1T	38.9	-39.3	37.64	54	-16.36	-	-	81	176	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

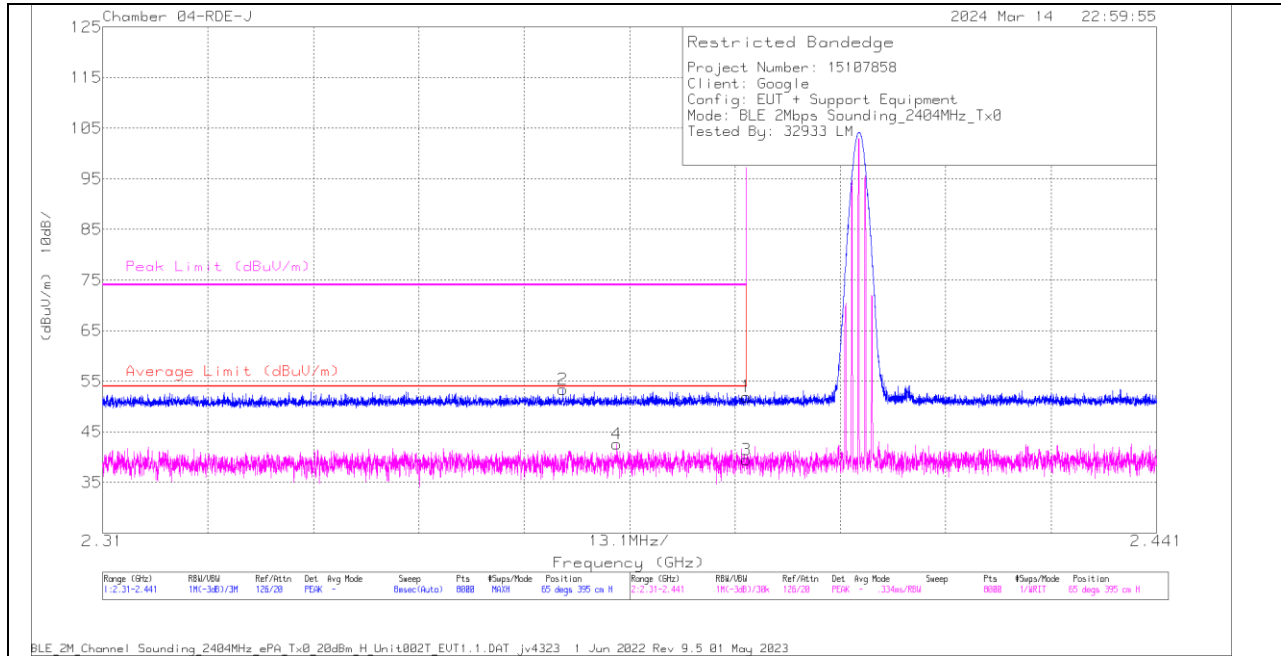
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

10.1.3. BLE ASK, MODE 2 (CHANNEL SOUNDING), 2Mbps

Tx0 Antenna

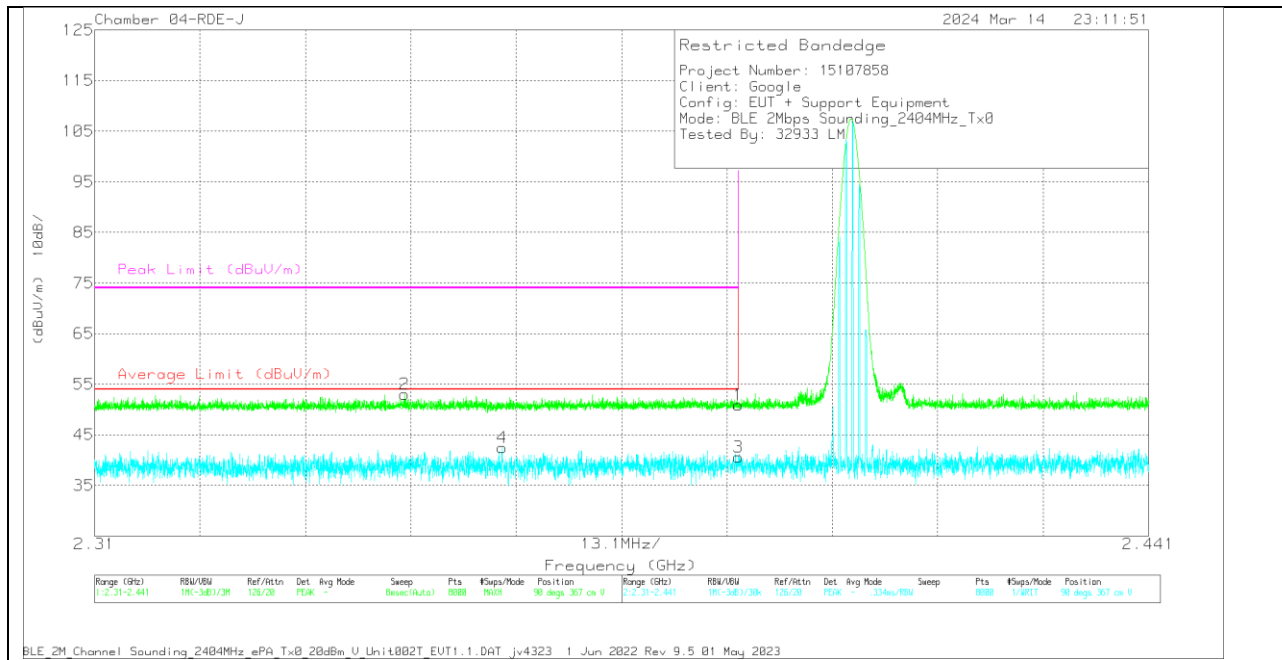
BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*** 2.367238	58.69	Pk	31.9	-37.2	53.39	-	-	74	-20.61	65	395	H
4	*** 2.373903	47.65	VA1T	32	-37.1	42.55	54	-11.45	-	-	65	395	H
1	*** 2.39	57.07	Pk	32	-37.1	51.97	-	-	74	-22.03	65	395	H
3	*** 2.39	44.64	VA1T	32	-37.1	39.54	54	-14.46	-	-	65	395	H

VERTICAL RESULT



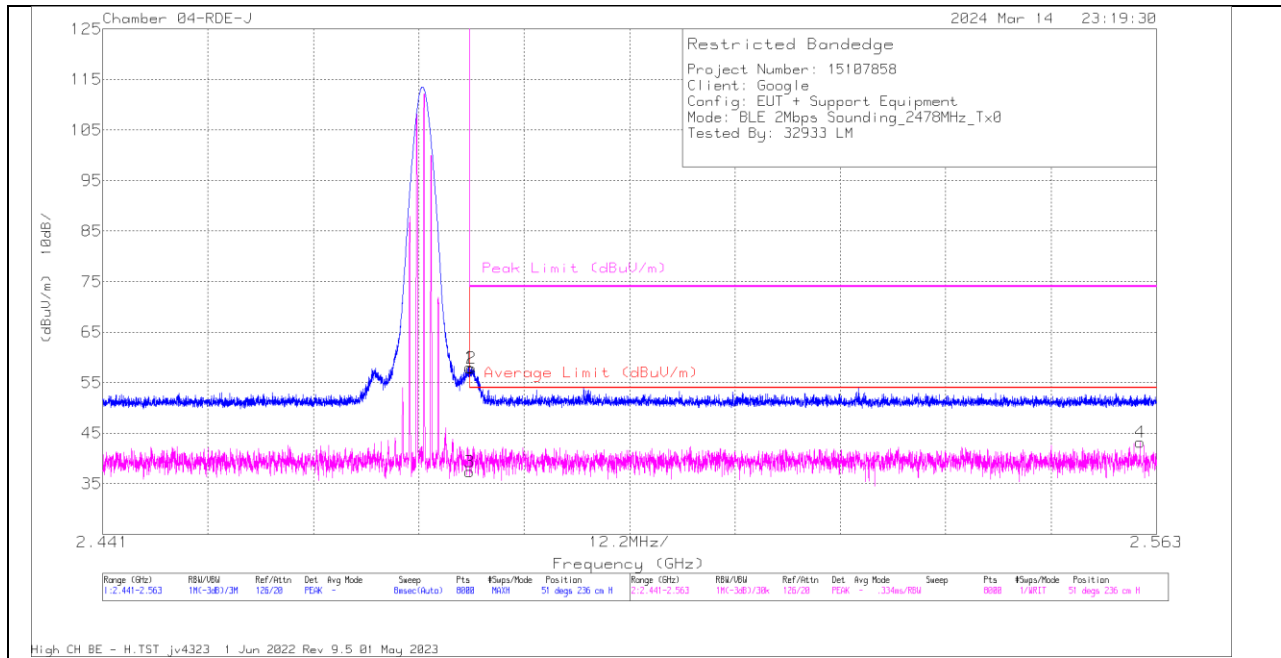
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*** 2.348551	58.16	Pk	31.9	-37	53.06	-	-	74	-20.94	90	367	V
4	*** 2.360638	47.65	VA1T	31.9	-37.1	42.45	54	-11.55	-	-	90	367	V
1	*** 2.39	55.98	Pk	32	-37.1	50.88	-	-	74	-23.12	90	367	V
3	*** 2.39	45.76	VA1T	32	-37.1	40.66	54	-13.34	-	-	90	367	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.4835	62.81	Pk	32.2	-37	58.01	-	-	74	-15.99	51	236	H
3	* ** 2.4835	42.17	VA1T	32.2	-37	37.37	54	-16.63	-	-	51	236	H
2	* ** 2.483721	62.6	Pk	32.3	-37	57.9	-	-	74	-16.1	51	236	H
4	** 2.561125	47.66	VA1T	32.3	-36.8	43.16	54	-10.84	-	-	51	236	H

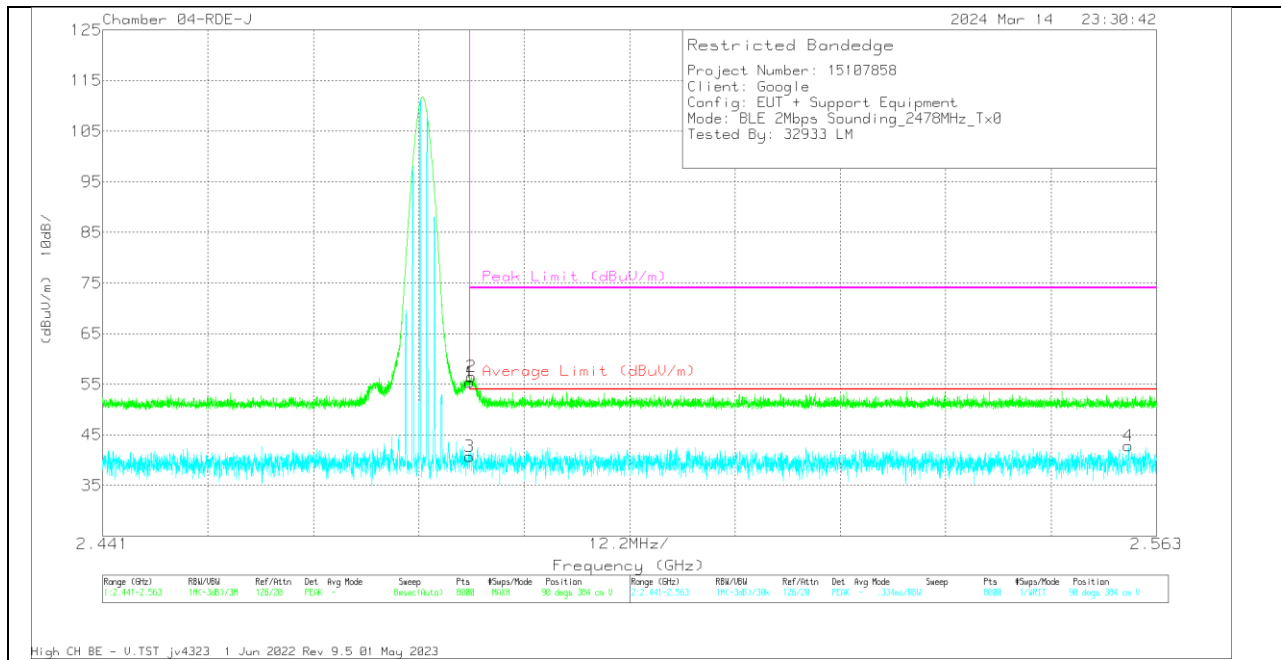
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dBm)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.4835	60.19	PK	32.2	-37	55.39	-	-	74	-18.61	90	384	V
2	*** 2.48369	61.19	PK	32.3	-37	56.49	-	-	74	-17.51	90	384	V
3	*** 2.4835	45.56	VA1T	32.2	-37	40.76	54	-13.24	-	-	90	384	V
4	** 2.559767	47.44	VA1T	32.3	-36.9	42.84	54	-11.16	-	-	90	384	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

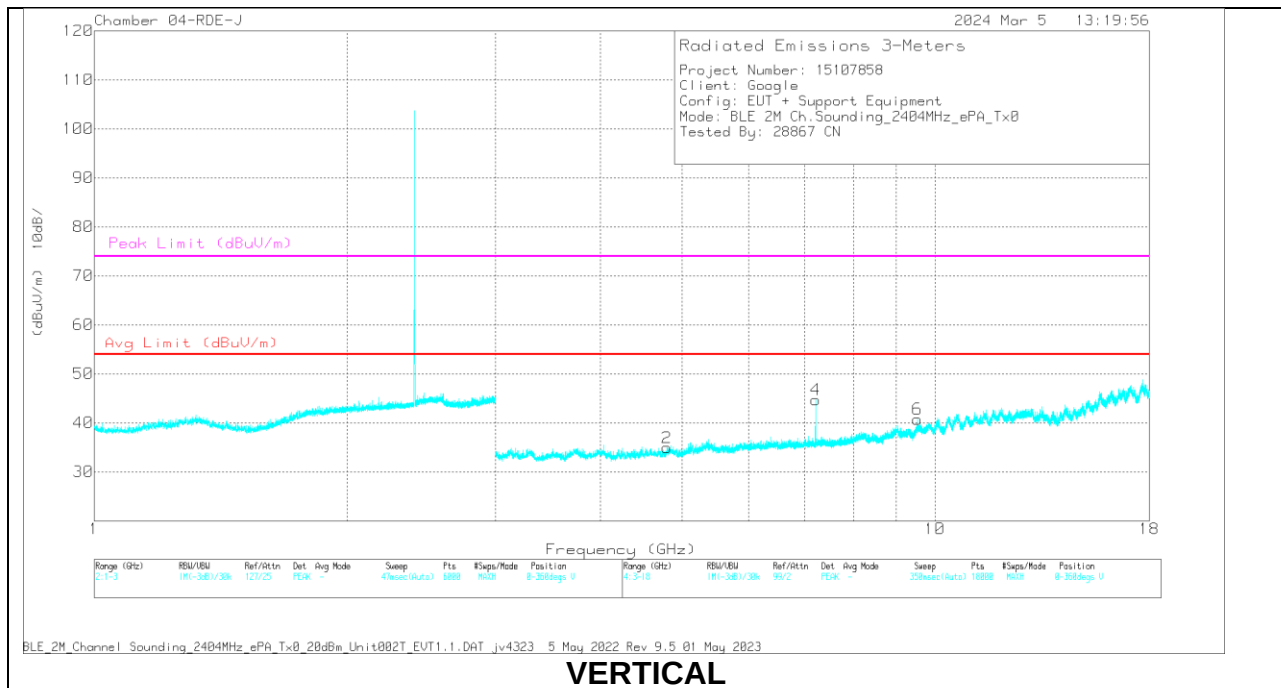
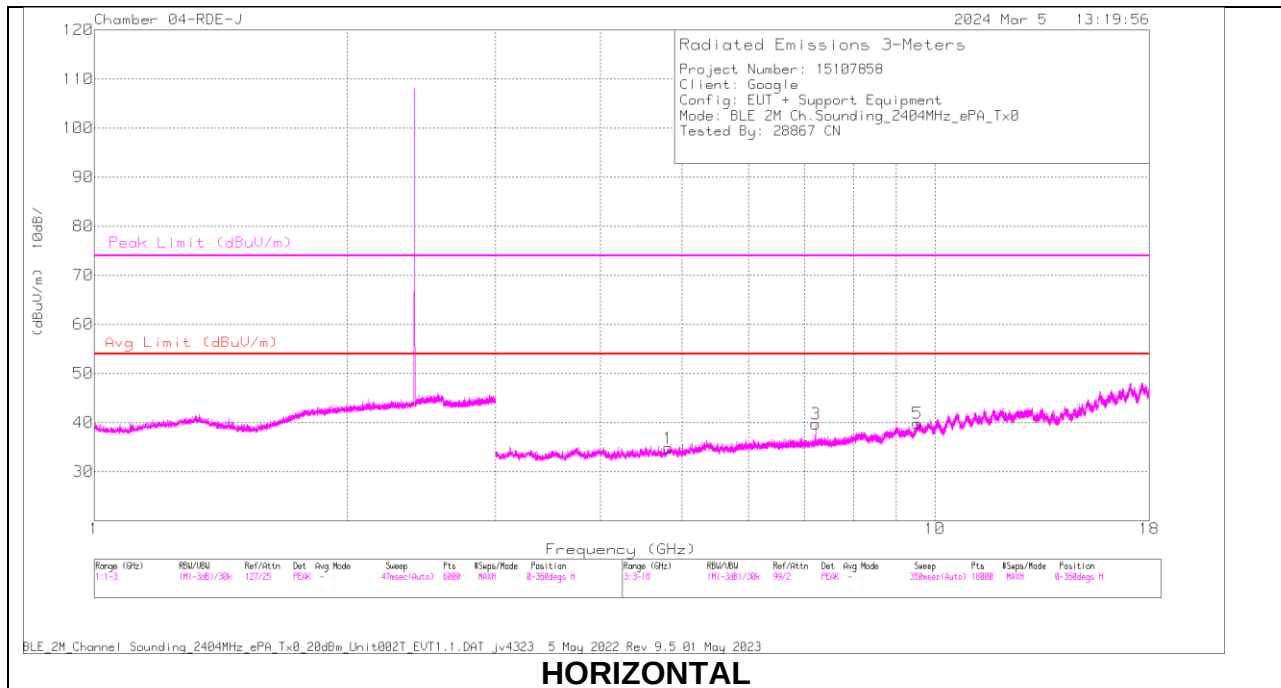
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK - Peak detector

VA1T - FHSS: Linear Voltage Average $V_B = 1/T_{on}$ where: T_{on} is transmit duration

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.817353	53.19	PKFH	34	-45	42.19	-	-	74	-31.81	346	231	H
	* ** 4.817556	41.65	VA1T	34	-45	30.65	54	-23.35	-	-	346	231	H
2	* ** 4.804178	52.95	PKFH	34	-45	41.95	-	-	74	-32.05	76	230	V
	* ** 4.803079	41.83	VA1T	34	-45.1	30.73	54	-23.27	-	-	76	230	V
3	7.209185	39.23	VA1T	35.8	-42.5	32.53	-	-	-	-	239	249	H
	7.209663	51.08	PKFH	35.8	-42.4	44.48	-	-	74	-29.52	239	249	H
4	7.214047	50.81	PKFH	35.8	-42.5	44.11	-	-	74	-29.89	279	145	V
	7.214897	39.42	VA1T	35.8	-42.5	32.72	-	-	-	-	279	145	V
5	9.530244	39.33	VA1T	36.6	-40.1	35.83	-	-	-	-	80	399	H
	9.5337	50.41	PKFH	36.6	-40	47.01	-	-	74	-26.99	80	399	H
6	9.538601	50.9	PKFH	36.6	-40	47.5	-	-	74	-26.5	58	207	V
	9.538982	39.46	VA1T	36.6	-40	36.06	-	-	-	-	58	207	V

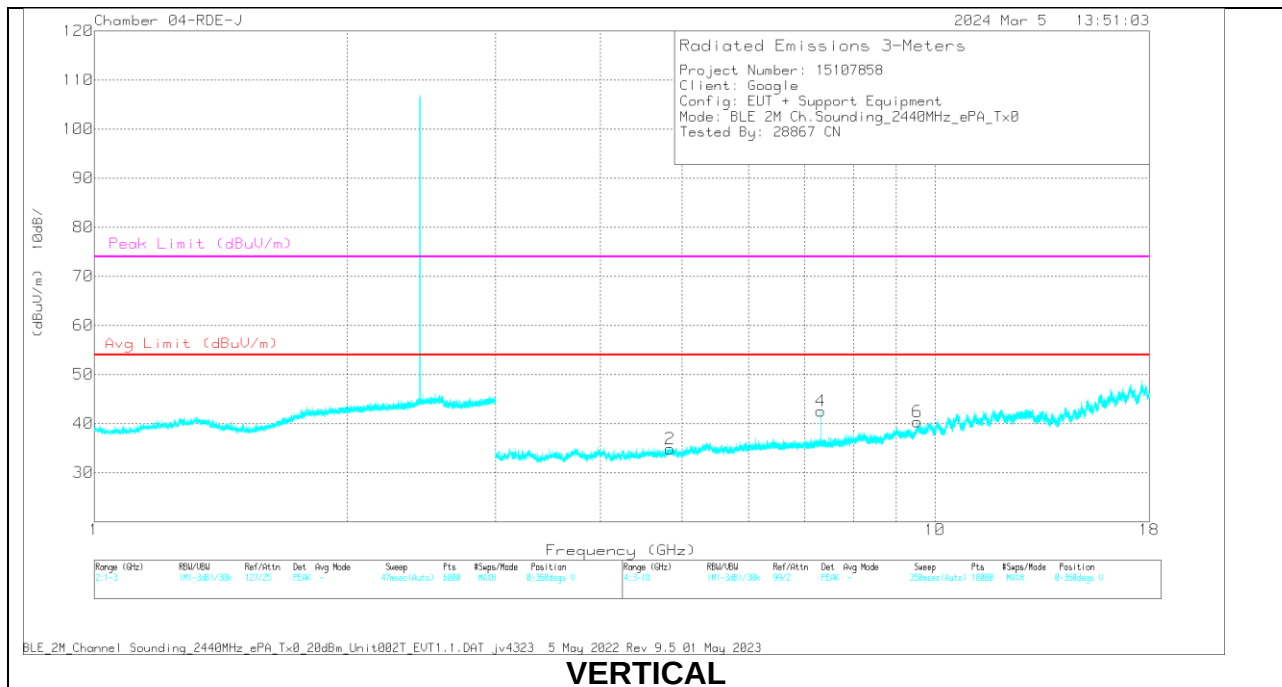
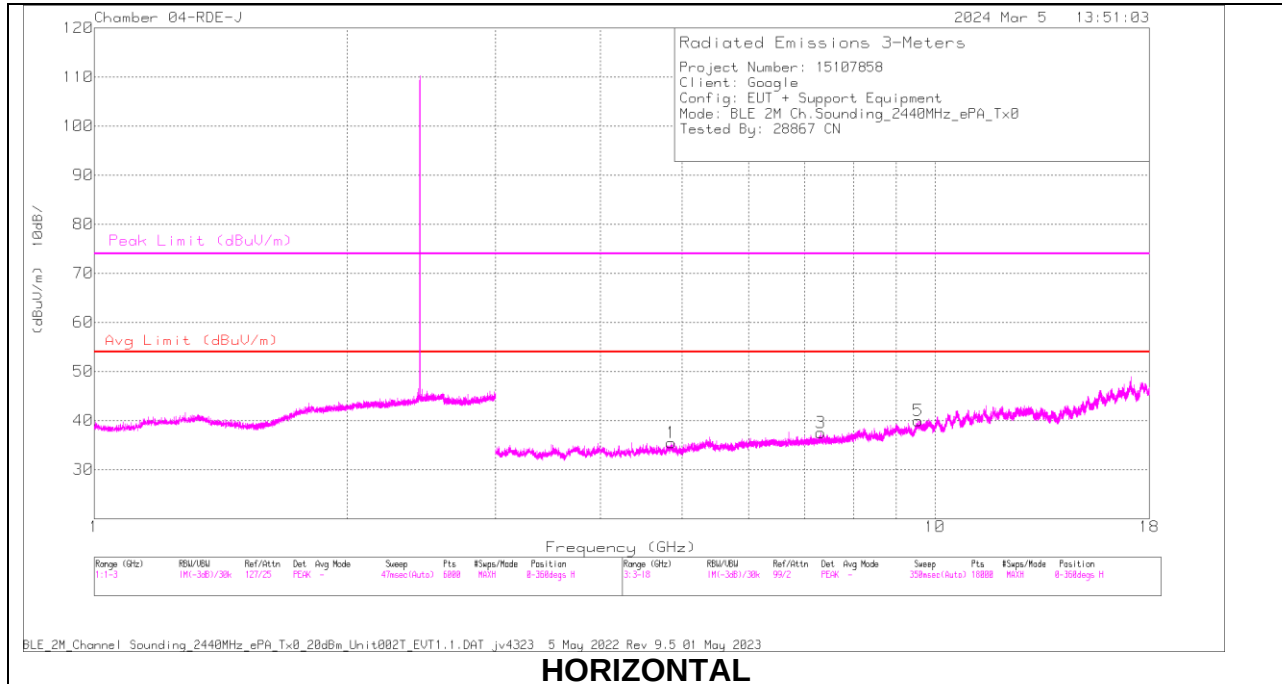
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.860428	52.72	PKFH	34	-44.5	42.22	-	-	74	-31.78	320	136	H
	* ** 4.860507	41.81	VA1T	34	-44.6	31.21	54	-22.79	-	-	320	136	H
2	* ** 4.843935	52.81	PKFH	34	-44.6	42.21	-	-	74	-31.79	213	251	V
	* ** 4.842061	41.44	VA1T	34	-44.6	30.84	54	-23.16	-	-	213	251	V
3	* ** 7.321056	49.65	PKFH	35.8	-42.4	43.05	-	-	74	-30.95	20	228	H
	* ** 7.32013	39.17	VA1T	35.8	-42.4	32.57	54	-21.43	-	-	20	228	H
4	* ** 7.32273	50.07	PKFH	35.8	-42.3	43.57	-	-	74	-30.43	345	306	V
	* ** 7.322064	38.81	VA1T	35.8	-42.3	32.31	54	-21.69	-	-	345	306	V
5	9.548107	39	VA1T	36.6	-40	35.6	-	-	-	-	24	372	H
	9.550976	50.76	PKFH	36.6	-40.2	47.16	-	-	74	-26.84	24	372	H
6	9.52798	50.86	PKFH	36.6	-40.1	47.36	-	-	74	-26.64	126	191	V
	9.52978	39.85	VA1T	36.6	-40.1	36.35	-	-	-	-	126	191	V

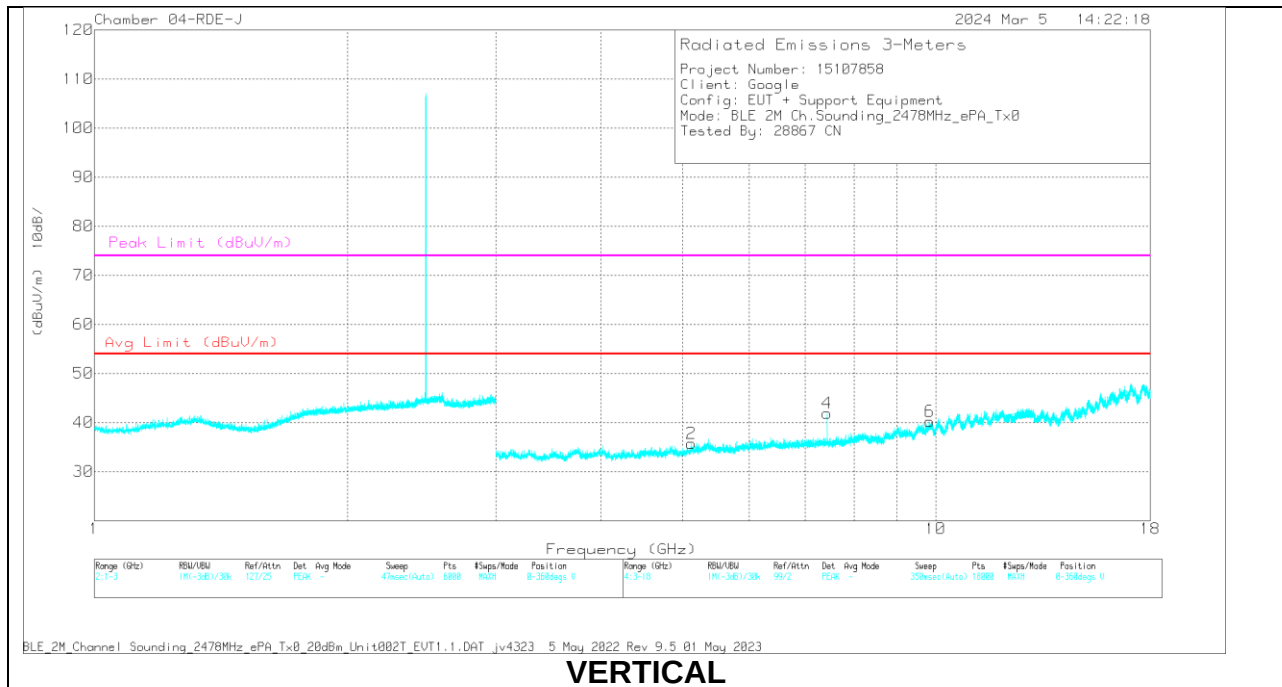
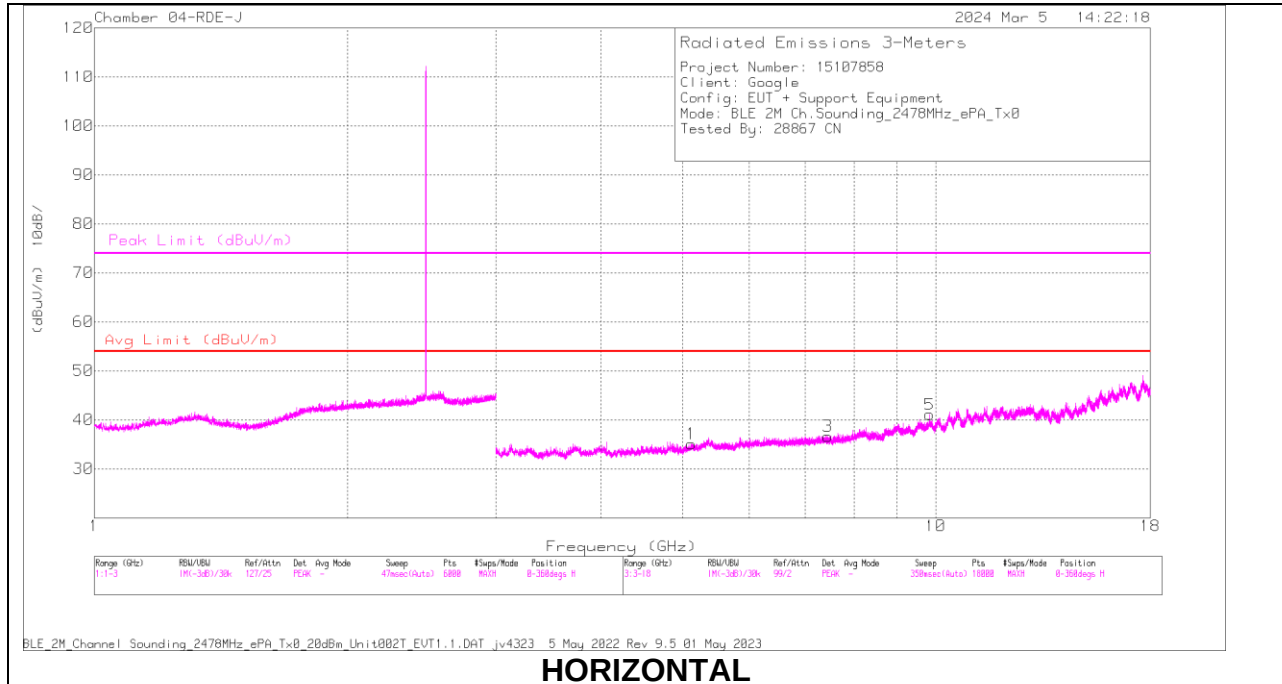
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

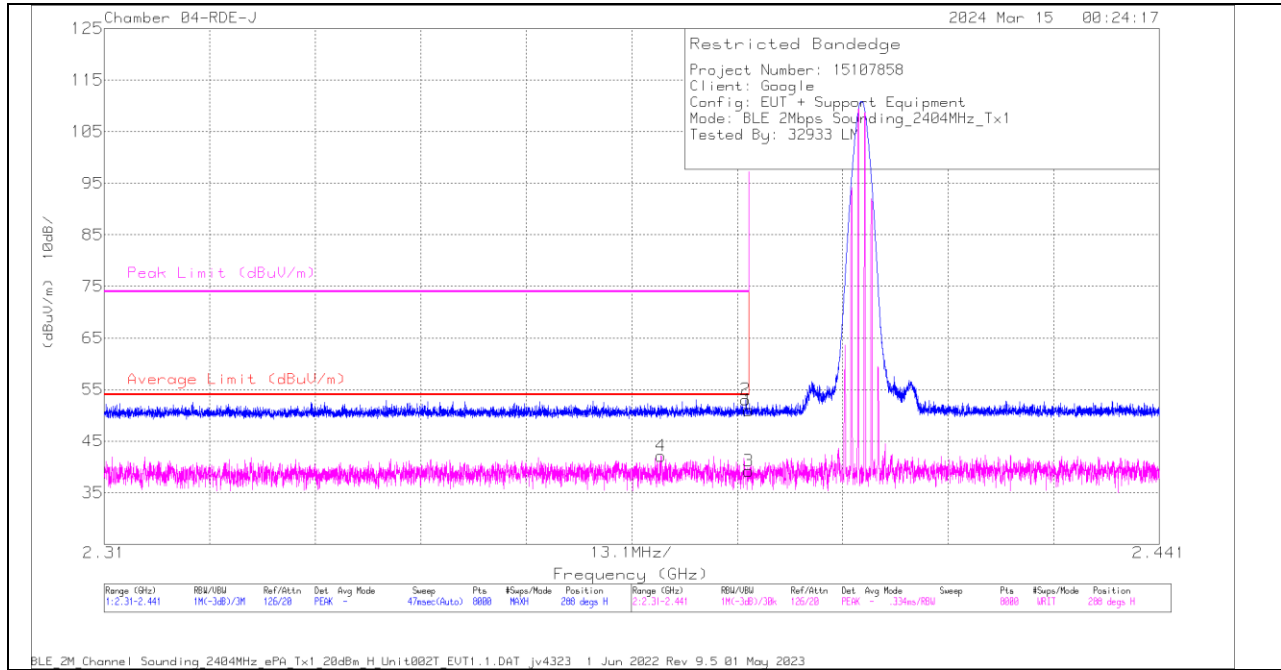
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.124644	52.71	PKFH	34.5	-44.3	42.91	-	-	74	-31.09	175	248	H
	* ** 5.124176	41.43	VA1T	34.5	-44.2	31.73	54	-22.27	-	-	175	248	H
2	* ** 5.119867	51.81	PKFH	34.5	-44.4	41.91	-	-	74	-32.09	283	331	V
	* ** 5.122196	41.08	VA1T	34.5	-44.4	31.18	54	-22.82	-	-	283	331	V
3	* ** 7.4469	50.49	PKFH	35.8	-42.2	44.09	-	-	74	-29.91	21	111	H
	* ** 7.448639	38.69	VA1T	35.8	-42.1	32.39	54	-21.61	-	-	21	111	H
4	* ** 7.435962	50.66	PKFH	35.8	-42.1	44.36	-	-	74	-29.64	13	183	V
	* ** 7.435341	39.36	VA1T	35.8	-42.2	32.96	54	-21.04	-	-	13	183	V
5	9.829655	39.49	VA1T	36.9	-39.8	36.59	-	-	-	-	102	147	H
	9.829812	50.97	PKFH	36.9	-39.8	48.07	-	-	74	-25.93	102	147	H
6	9.842336	39.21	VA1T	36.9	-39.7	36.41	-	-	-	-	273	279	V
	9.843975	50.76	PKFH	36.9	-39.6	48.06	-	-	74	-25.94	273	279	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

Tx1 Antenna**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.39	56.11	Pk	32	-37.1	51.01	-	-	74	-22.99	288	306	H
2	*** 2.389674	58.14	Pk	32	-37.1	53.04	-	-	74	-20.96	288	306	H
3	*** 2.39	44.3	VA1T	32	-37.1	39.2	54	-14.8	-	-	288	306	H
4	*** 2.379144	47.22	VA1T	32	-37.1	42.12	54	-11.88	-	-	288	306	H

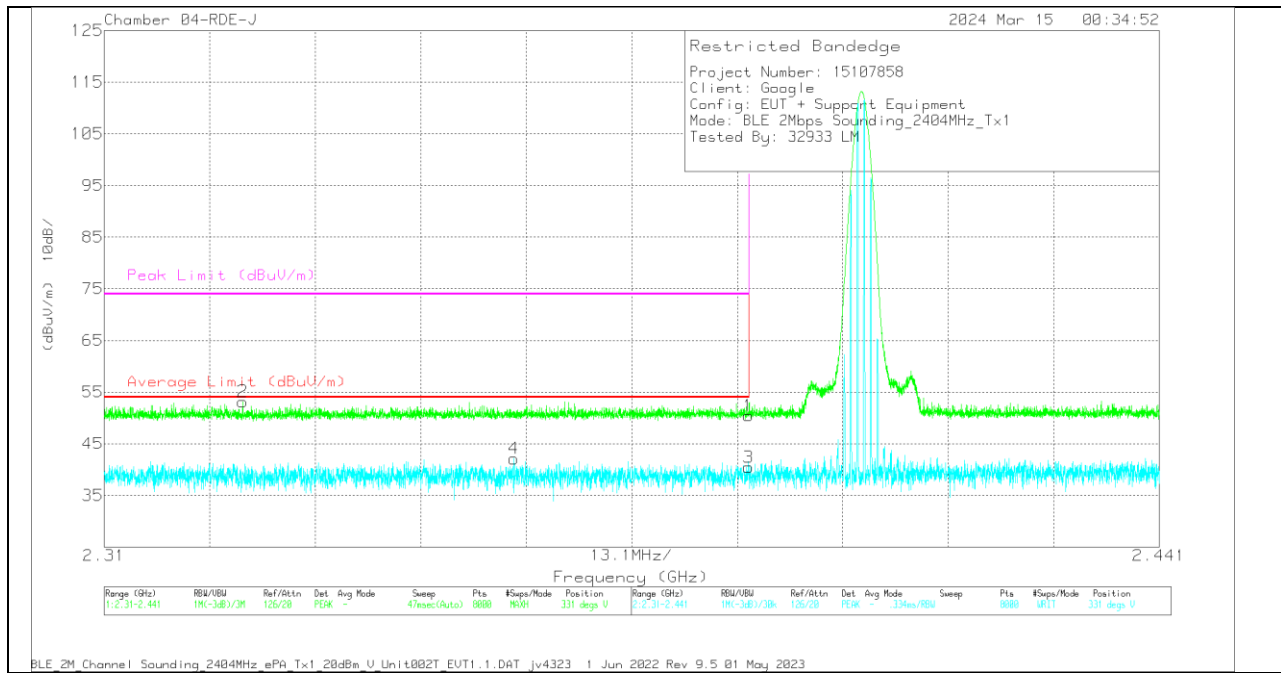
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

VERTICAL RESULT



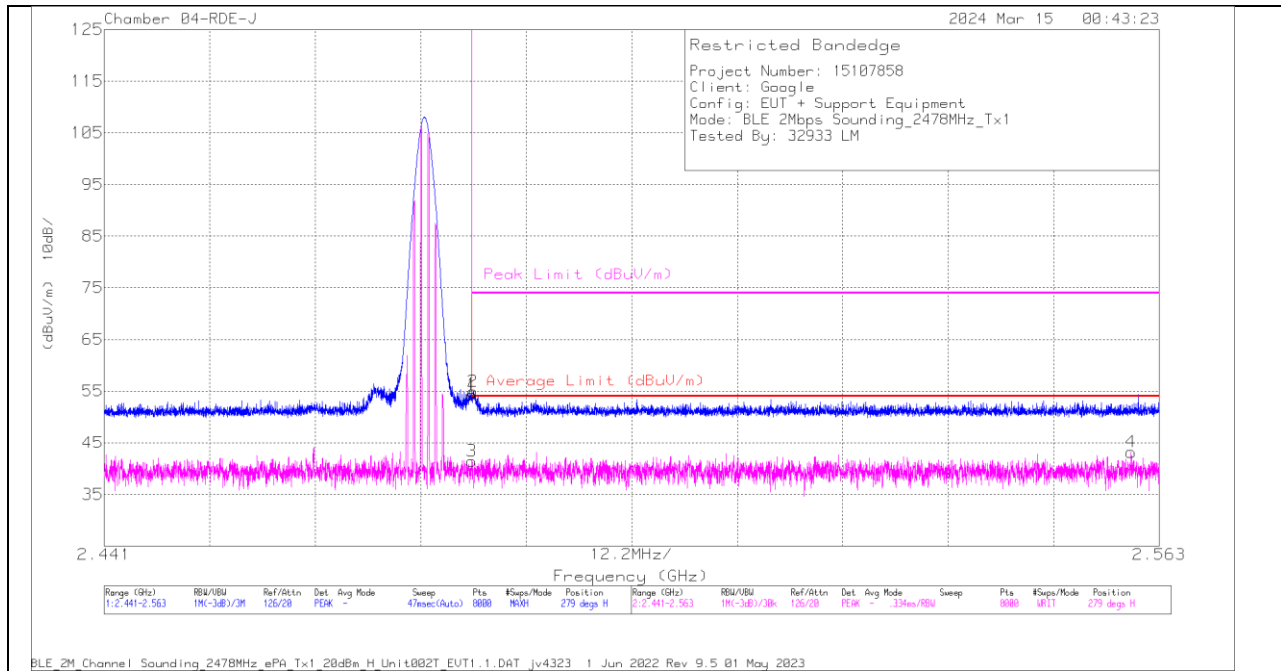
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*** 2.327196	58.54	Pk	31.8	-37.2	53.14	-	-	74	-20.86	331	382	V
4	*** 2.360883	47.31	VA1T	31.9	-37.1	42.11	54	-11.89	-	-	331	382	V
1	** 2.39	55.52	Pk	32	-37.1	50.42	-	-	74	-23.58	331	382	V
3	*** 2.39	45.54	VA1T	32	-37.1	40.44	54	-13.56	-	-	331	382	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $V_B = 1/T_{on}$ where: T_{on} is transmit duration

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.4835	59.14	Pk	32.2	-37	54.34	-	-	74	-19.66	279	232	H
2	*** 2.483645	59.6	Pk	32.3	-37	54.9	-	-	74	-19.1	279	232	H
3	*** 2.4835	46.24	VA1T	32.2	-37	41.44	54	-12.56	-	-	279	232	H
4	** 2.559752	47.8	VA1T	32.3	-36.9	43.2	54	-10.8	-	-	279	232	H

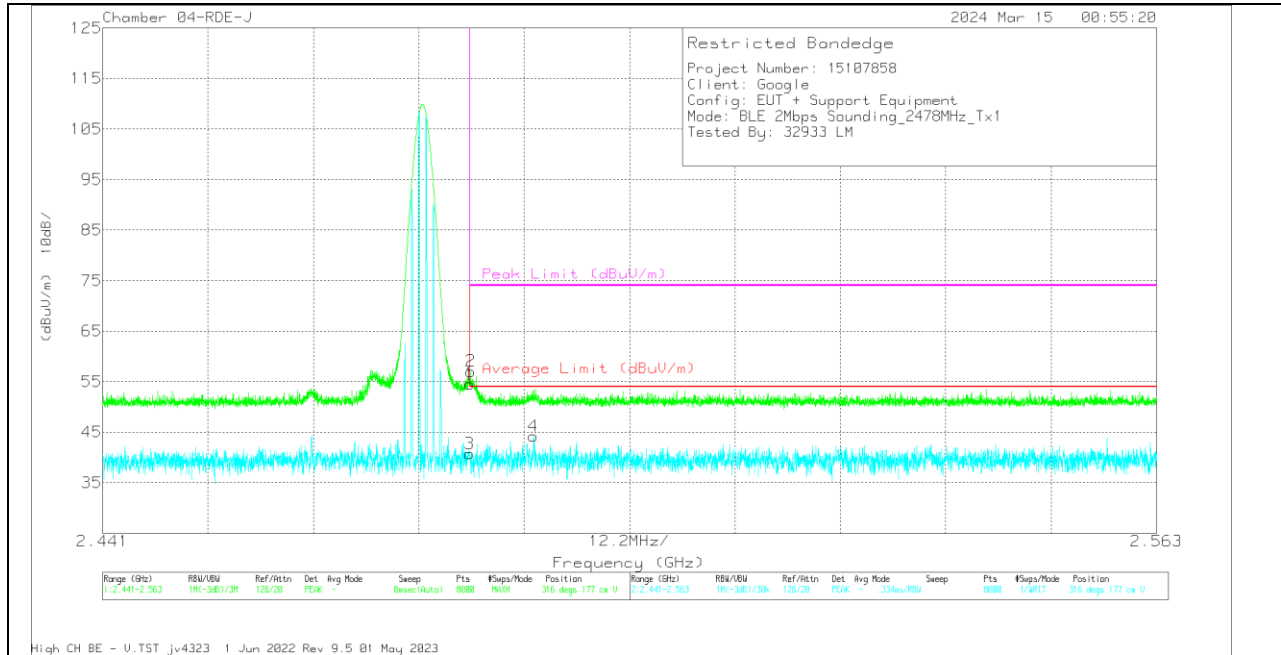
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.4835	59.37	Pk	32.2	-37	54.57	-	-	74	-19.43	316	177	V
3	*** 2.4835	45.55	VA1T	32.2	-37	40.75	54	-13.25	-	-	316	177	V
2	*** 2.483584	61.86	Pk	32.2	-37	57.06	-	-	74	-16.94	316	177	V
4	*** 2.490874	48.9	VA1T	32.3	-37	44.2	54	-9.8	-	-	316	177	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

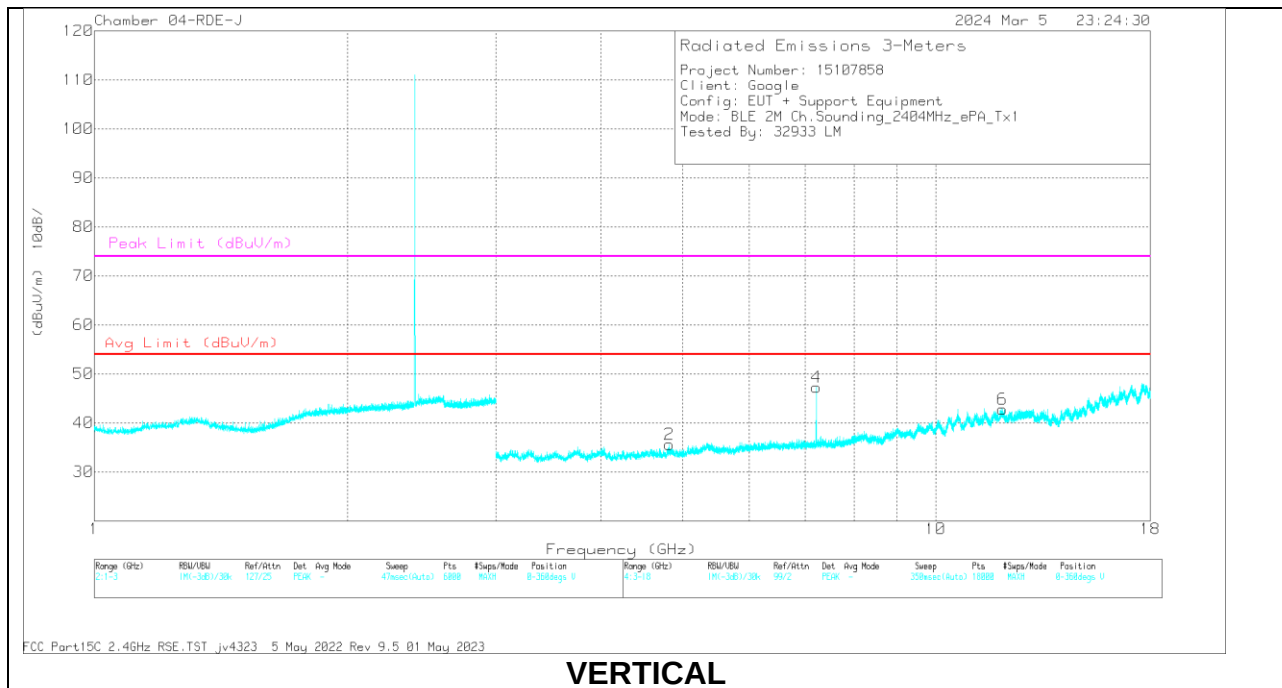
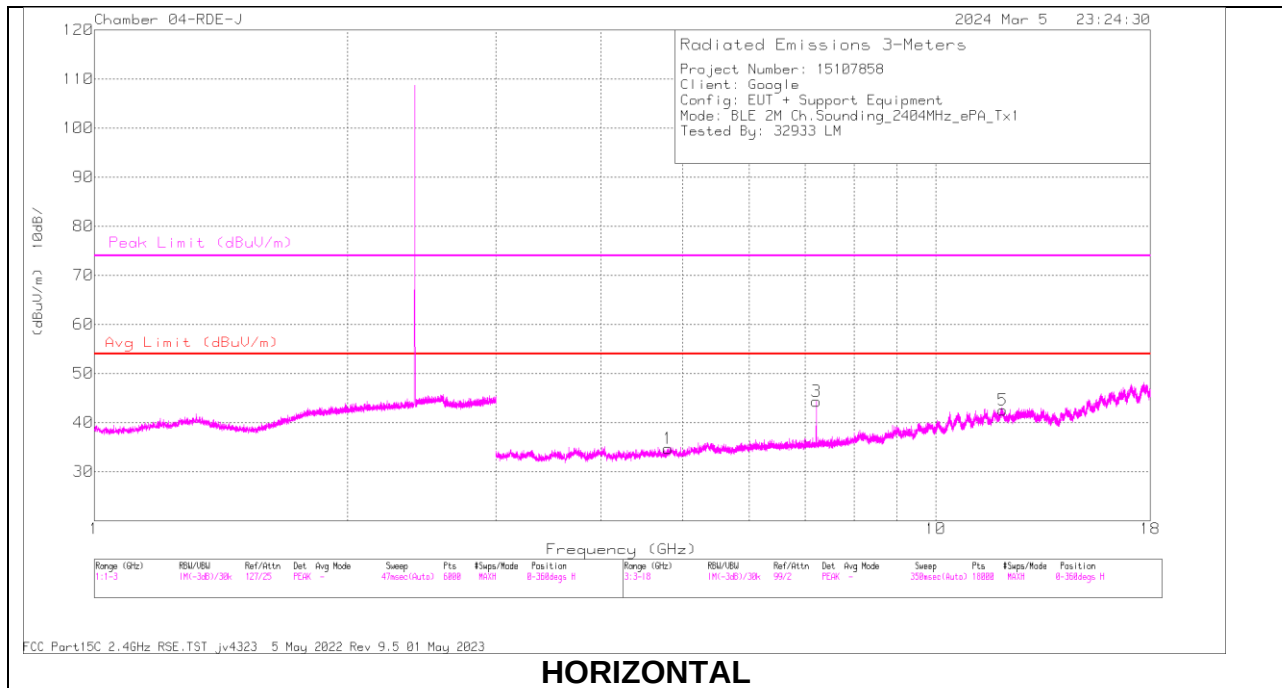
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $V_B = 1/T_{on}$ where: T_{on} is transmit duration

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.806863	53.14	PKFH	34	-45	42.14	-	-	74	-31.86	219	150	H
	* ** 4.807859	42.05	VA1T	34	-45	31.05	54	-22.95	-	-	219	150	H
2	* ** 4.821039	54.01	PKFH	34	-44.8	43.21	-	-	74	-30.79	184	125	V
	* ** 4.822702	42.05	VA1T	34	-44.9	31.15	54	-22.85	-	-	184	125	V
3	7.212774	50.3	PKFH	35.8	-42.4	43.7	-	-	74	-30.3	20	219	H
	7.212011	42.34	VA1T	35.8	-42.5	35.64	-	-	-	-	20	219	H
4	7.210404	50.19	PKFH	35.8	-42.4	43.59	-	-	74	-30.41	169	101	V
	7.212134	39.41	VA1T	35.8	-42.5	32.71	-	-	-	-	169	101	V
5	* ** 12.023415	50.87	PKFH	38.7	-38.8	50.77	-	-	74	-23.23	164	367	H
	* ** 12.019736	39.16	VA1T	38.7	-38.8	39.06	54	-14.94	-	-	164	367	H
6	* ** 11.998338	49.76	PKFH	38.7	-38.9	49.56	-	-	74	-24.44	32	223	V
	* ** 11.997332	38.85	VA1T	38.7	-39	38.55	54	-15.45	-	-	32	223	V

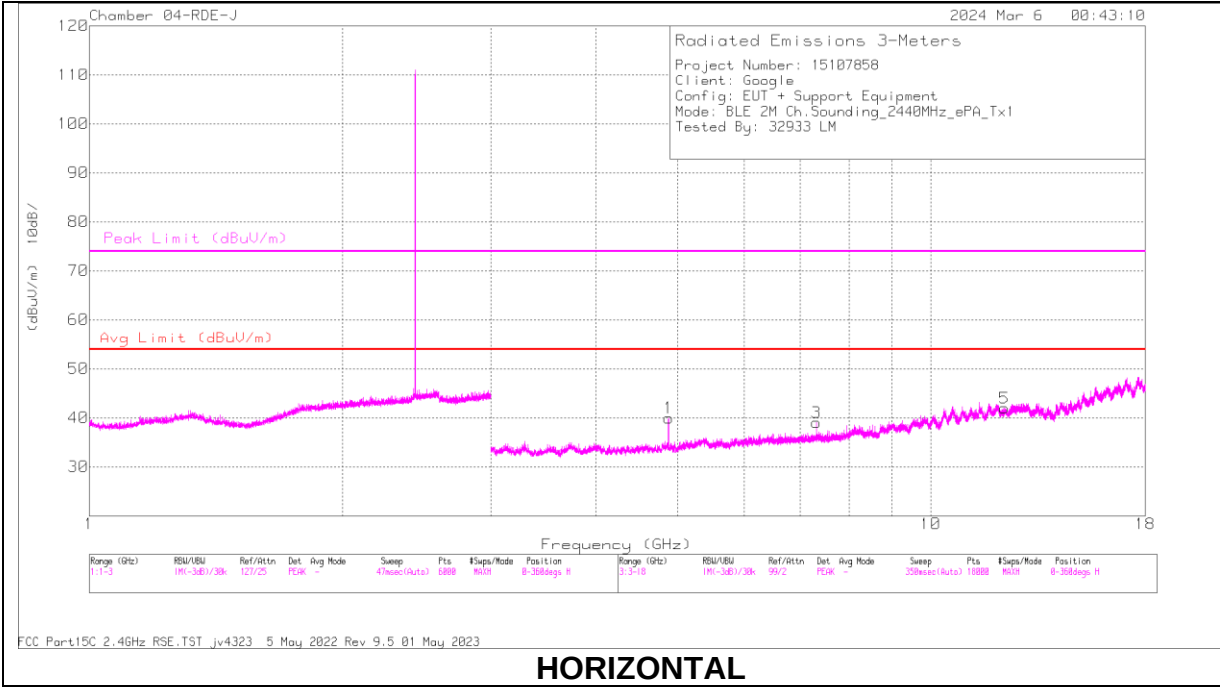
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

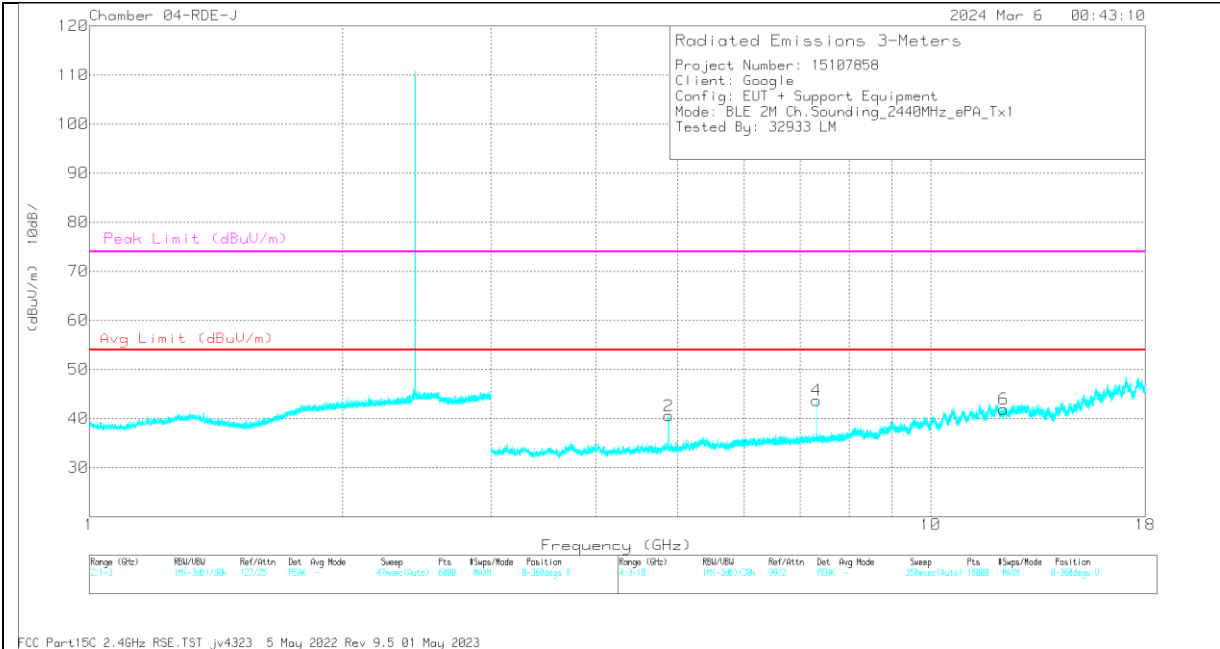
PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.880012	55.13	PKFH	34	-44.6	44.53	-	-	74	-29.47	102	217	H
	*** 4.879782	46.75	VA1T	34	-44.6	36.15	54	-17.85	-	-	102	217	H
3	*** 4.880132	56.07	PKFH	34	-44.6	45.47	-	-	74	-28.53	47	347	V
	*** 4.879846	48.82	VA1T	34	-44.6	38.22	54	-15.78	-	-	47	347	V
5	*** 7.321045	50.77	PKFH	35.8	-42.4	44.17	-	-	74	-29.83	3	194	H
	*** 7.324134	39.01	VA1T	35.8	-42.3	32.51	54	-21.49	-	-	3	194	H
2	*** 7.32028	51.26	PKFH	35.8	-42.4	44.66	-	-	74	-29.34	341	217	V
	*** 7.318575	38.79	VA1T	35.8	-42.4	32.19	54	-21.81	-	-	341	217	V
4	*** 12.245828	50.72	PKFH	38.8	-39	50.52	-	-	74	-23.48	176	286	H
	*** 12.244235	38.19	VA1T	38.8	-39	37.99	54	-16.01	-	-	176	286	H
6	*** 12.207017	49.95	PKFH	38.8	-39.6	49.15	-	-	74	-24.85	58	137	V
	*** 12.206762	38.4	VA1T	38.8	-39.6	37.6	54	-16.4	-	-	58	137	V

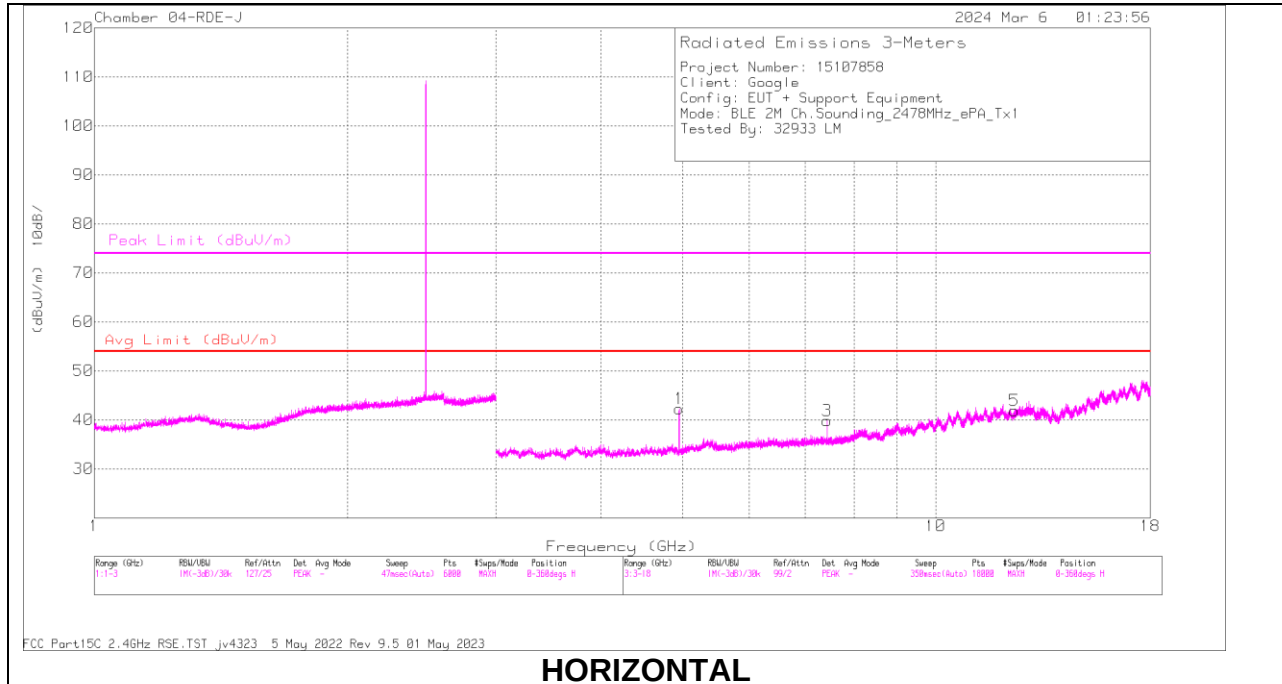
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

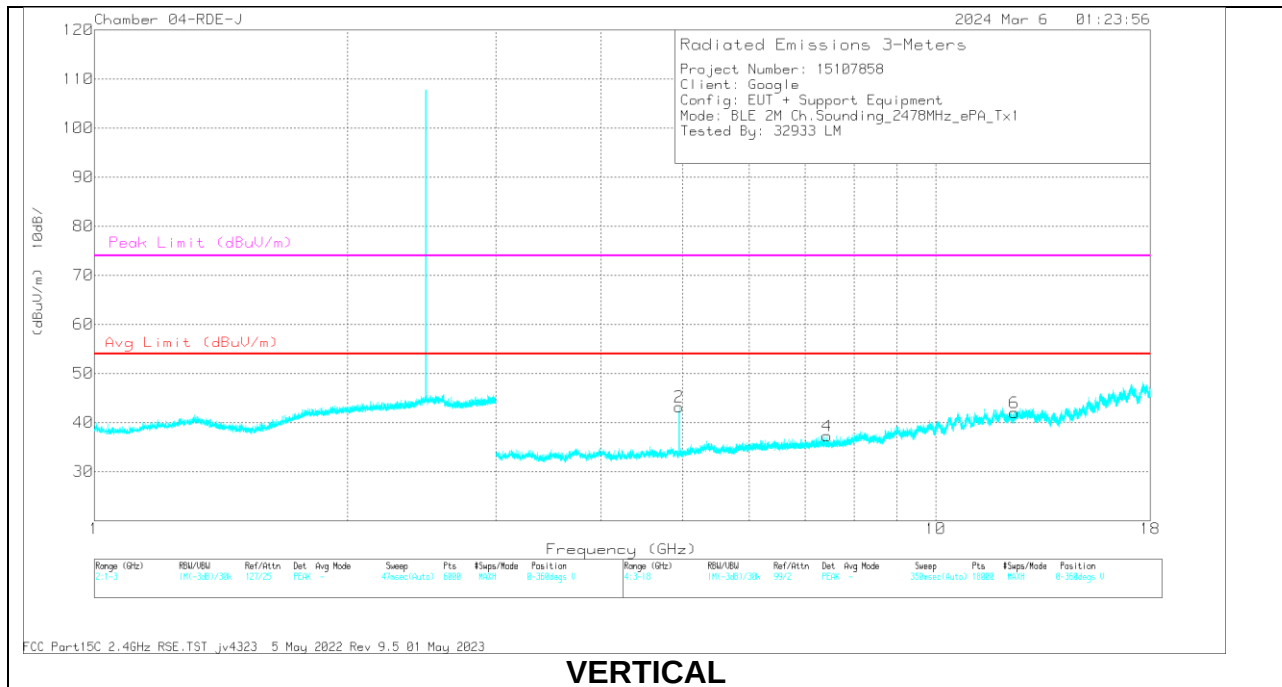
PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.955807	54.96	PKFH	34.1	-44.6	44.46	-	-	74	-29.54	107	184	H
	* ** 4.955984	45.06	VA1T	34.1	-44.6	34.56	54	-19.44	-	-	107	184	H
2	* ** 4.955779	54.77	PKFH	34.1	-44.6	44.27	-	-	74	-29.73	230	104	V
	* ** 4.955981	44.54	VA1T	34.1	-44.6	34.04	54	-19.96	-	-	230	104	V
3	* ** 7.435947	49.82	PKFH	35.8	-42.1	43.52	-	-	74	-30.48	345	276	H
	* ** 7.438428	38.63	VA1T	35.8	-42.1	32.33	54	-21.67	-	-	345	276	H
4	* ** 7.432661	50.78	PKFH	35.8	-42.2	44.38	-	-	74	-29.62	299	214	V
	* ** 7.431862	38.55	VA1T	35.8	-42.2	32.15	54	-21.85	-	-	299	214	V
5	* ** 12.418756	49.48	PKFH	38.9	-39.1	49.28	-	-	74	-24.72	311	340	H
	* ** 12.418786	38.01	VA1T	38.9	-39.1	37.81	54	-16.19	-	-	311	340	H
6	* ** 12.415675	50.11	PKFH	38.9	-39.3	49.71	-	-	74	-24.29	141	216	V
	* ** 12.413614	38.11	VA1T	38.9	-39.4	37.61	54	-16.39	-	-	141	216	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

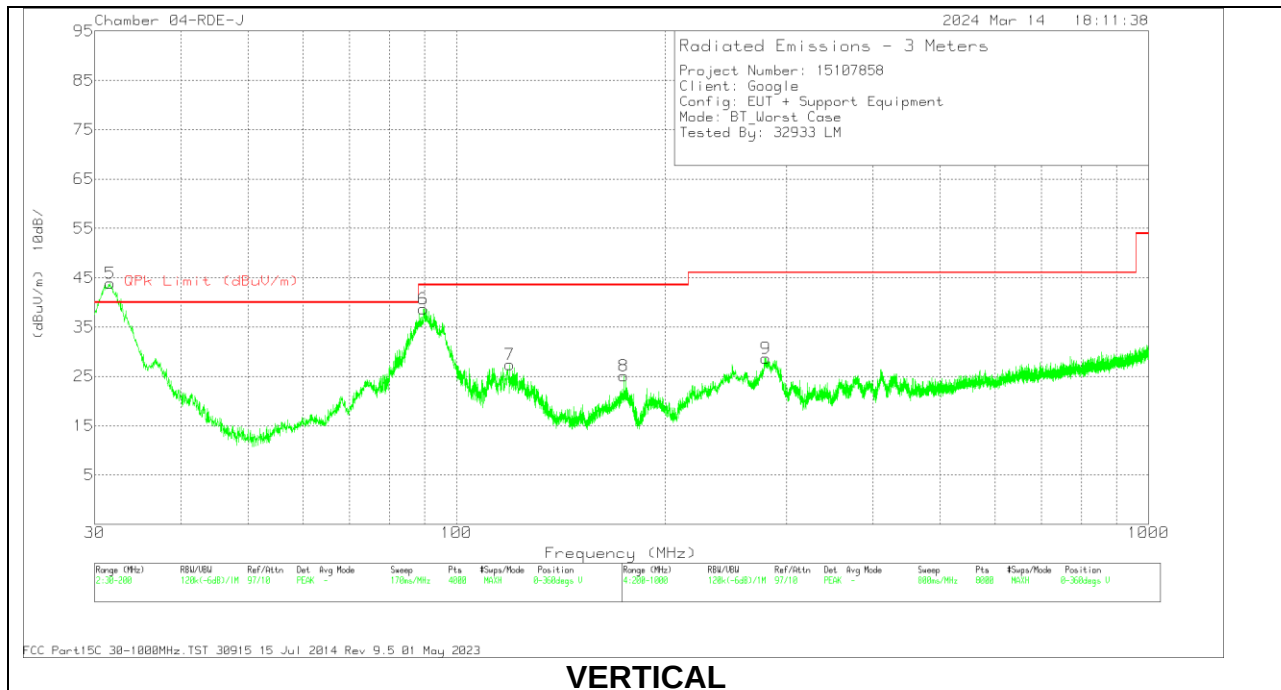
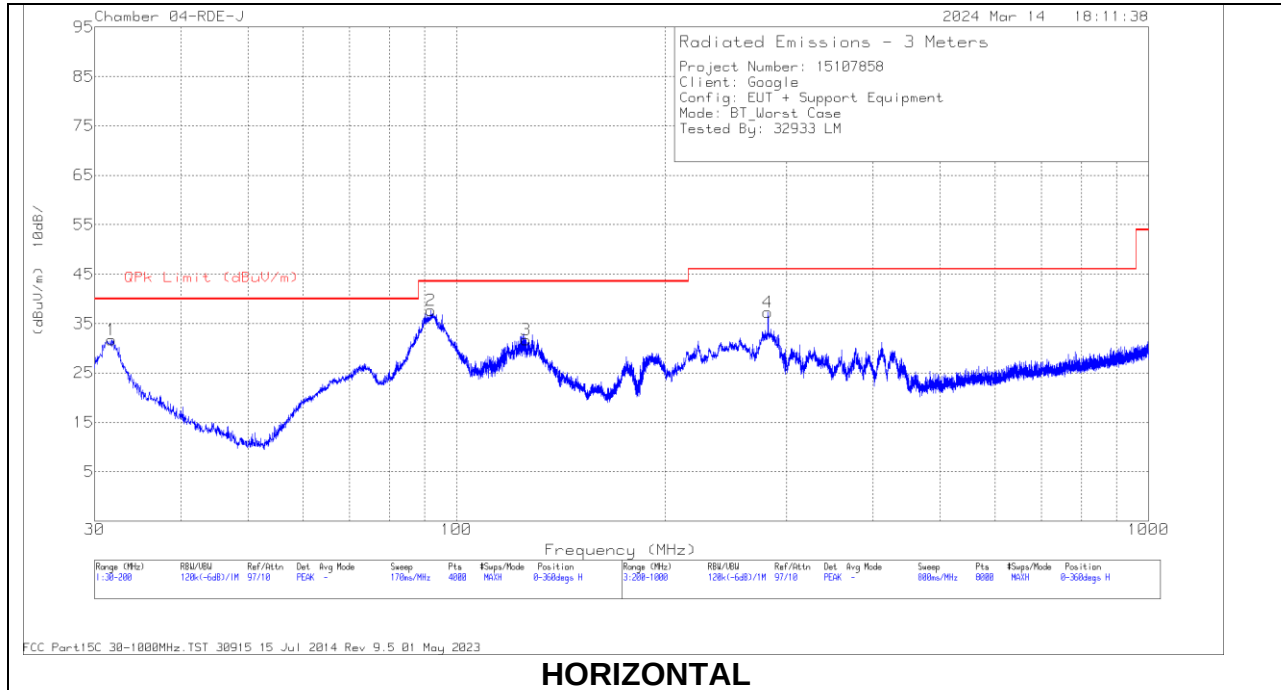
PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

10.2. WORST CASE BELOW 1 GHz

10.2.1. BLUETOOTH BASIC DATA RATE TXBF GFSK MODULATION

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)



Below 1GHz Data

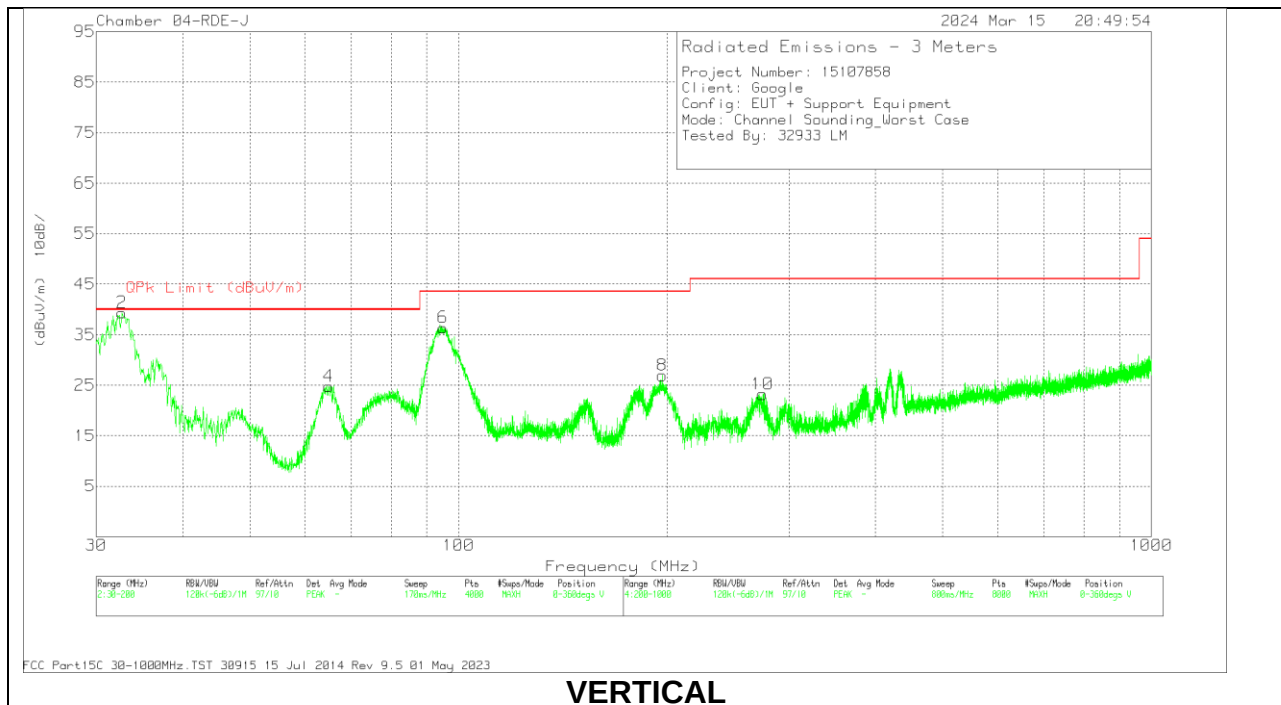
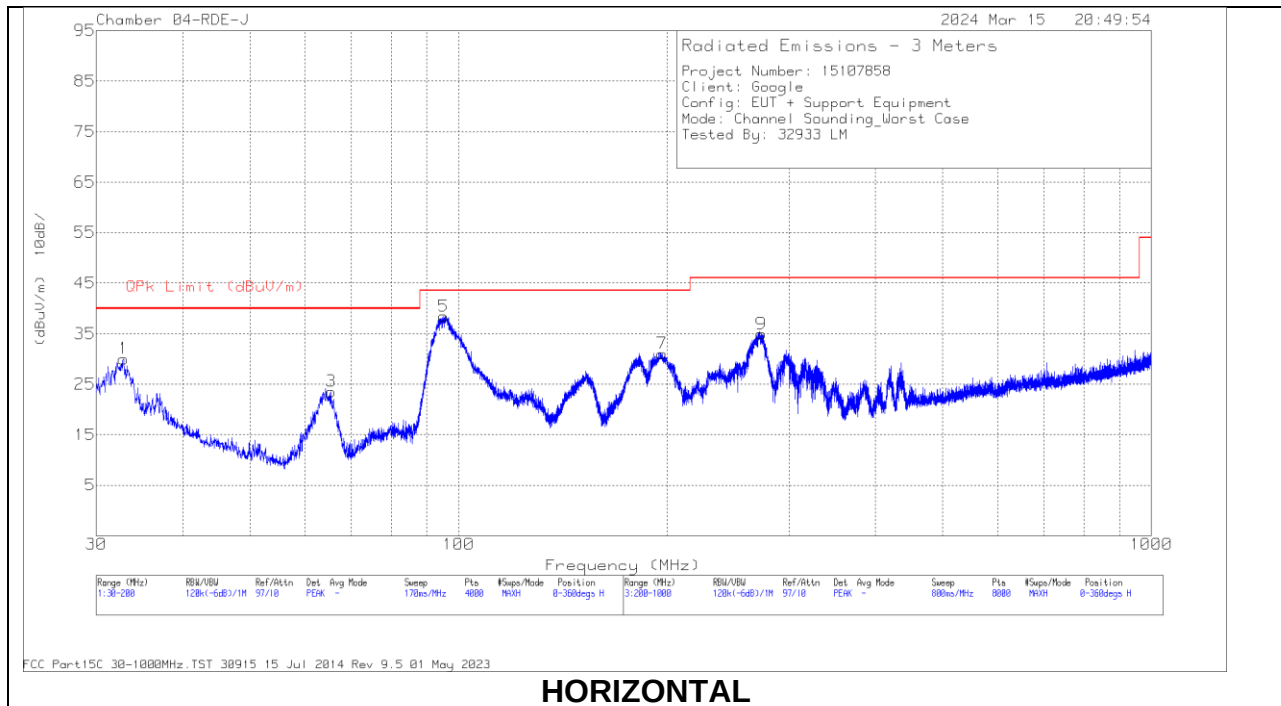
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80293 ACF (dB/m)	CBL/AMP (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 125.99	42.24	Pk	20	-30.6	31.64	43.52	-11.88	0-360	199	H
7	* 119.401	38.23	Pk	19.8	-30.6	27.43	43.52	-16.09	0-360	100	V
4	* 281.911	48.3	Pk	19.2	-30.2	37.3	46.02	-8.72	0-360	99	H
9	* 280.01	39.63	Pk	19.2	-30.2	28.63	46.02	-17.39	0-360	99	V
5	31.7343	43.69	Qp	25.5	-31.5	37.69	40	-2.31	349	119	V
1	31.743	37.7	Pk	25.5	-31.5	31.7	40	-8.3	0-360	199	H
6	89.8666	51.09	Qp	13.8	-30.9	33.99	43.52	-9.53	152	138	V
2	92.1533	50.47	Qp	14.2	-31	33.67	43.52	-9.85	131	289	H
8	174.58	38.45	Pk	17.2	-30.5	25.15	43.52	-18.37	0-360	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

10.2.2. BLE ASK, MODE 2 (CHANNEL SOUNDING)

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)



Below 1GHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80293 ACF (dB/m)	CBL/AMP (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	32.8482	36.94	Pk	24.8	-31.7	30.04	40	-9.96	0-360	199	H
2	33.0079	41.15	Qp	24.7	-31.7	34.15	40	-5.85	41	130	V
3	65.4542	41.26	Pk	13.7	-31.4	23.56	40	-16.44	0-360	299	H
4	64.9866	42.76	Pk	13.7	-31.7	24.76	40	-15.24	0-360	100	V
5	95.0831	51.49	Qp	14.8	-31.1	35.19	43.52	-8.33	134	313	H
6	95.0418	52.69	Pk	14.8	-31.1	36.39	43.52	-7.13	0-360	100	V
7	196.728	43.33	Pk	18	-30.3	31.03	43.52	-12.49	0-360	101	H
8	196.771	39.24	Pk	18	-30.3	26.94	43.52	-16.58	0-360	100	V
9	* 273.61	45.84	Pk	19.2	-30.1	34.94	46.02	-11.08	0-360	99	H
10	* 274.71	33.8	Pk	19.2	-29.8	23.2	46.02	-22.82	0-360	101	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

Qp - Quasi-Peak detector

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

Frequency of Emission (MHz)	Conducted Limit (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56 *	56 to 46 *
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

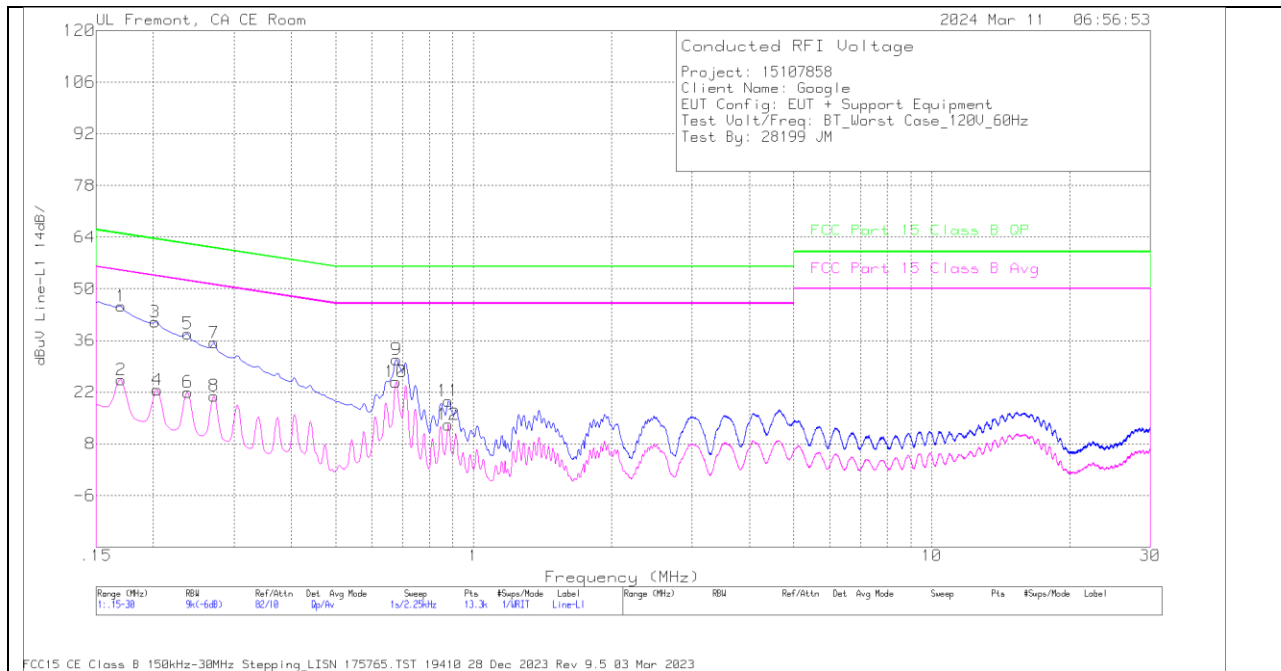
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

11.1. BLUETOOTH BASIC DATA RATE TXBF GFSK MODULATION

LINE 1 RESULTS

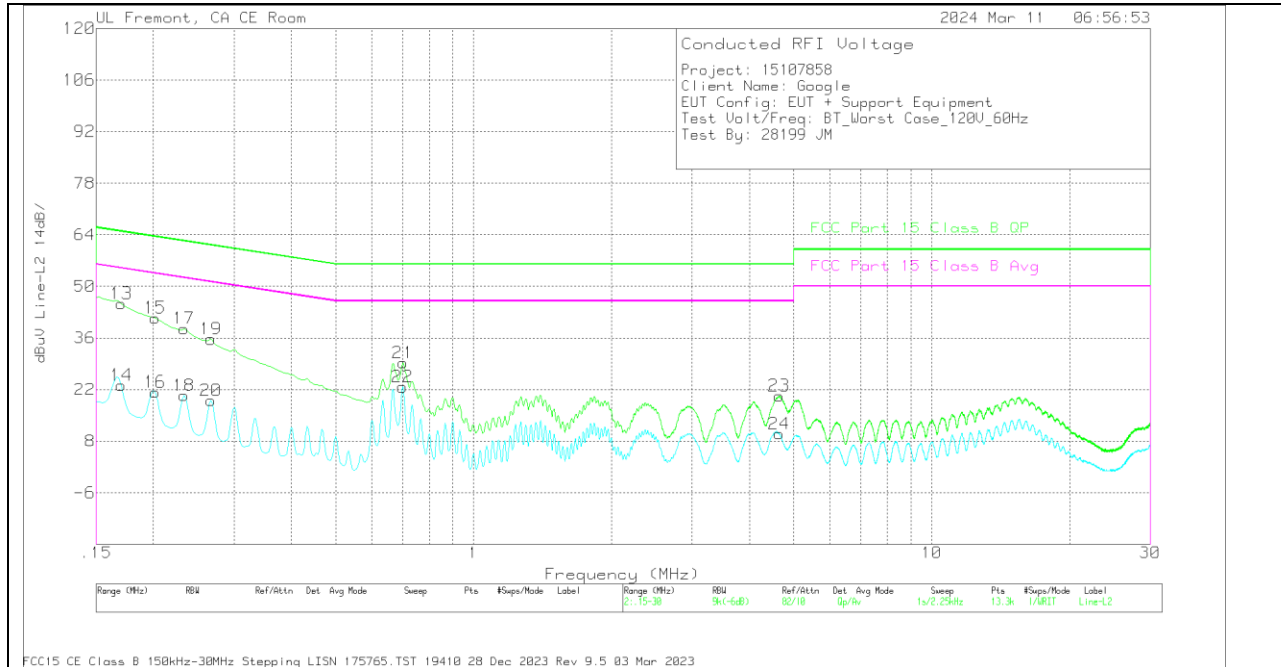


Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN (dB)	Cbl (dB)	Trns Limiter (dB)	Corrected Reading (dBuV)	FCC Part 15C QP Limit (dBuV)	QP Margin (dB)	FCC Part 15C Avg Limit (dBuV)	Av Margin (dB)
2	.1703	15.81	Av	0	0	9.5	25.31	-	-	54.95	-29.64
4	.204	13.11	Av	0	.1	9.4	22.61	-	-	53.45	-30.84
6	.2378	12.58	Av	0	0	9.4	21.98	-	-	52.17	-30.19
8	.2715	11.57	Av	0	0	9.4	20.97	-	-	51.07	-30.1
10	.6765	15.38	Av	0	.1	9.3	24.78	-	-	46	-21.22
12	.8813	3.67	Av	0	.1	9.4	13.17	-	-	46	-32.83
1	.1703	35.77	Qp	0	0	9.5	45.27	64.95	-19.68	-	-
3	.2018	31.51	Qp	0	.1	9.4	41.01	63.54	-22.53	-	-
5	.2378	28.43	Qp	0	0	9.4	37.83	62.17	-24.34	-	-
7	.2715	25.96	Qp	0	0	9.4	35.36	61.07	-25.71	-	-
9	.6788	21.43	Qp	0	.1	9.3	30.83	56	-25.17	-	-
11	.8813	10.07	Qp	0	.1	9.4	19.57	56	-36.43	-	-

Qp - Quasi-Peak detector

Av - Average detection

LINE 2 RESULTS



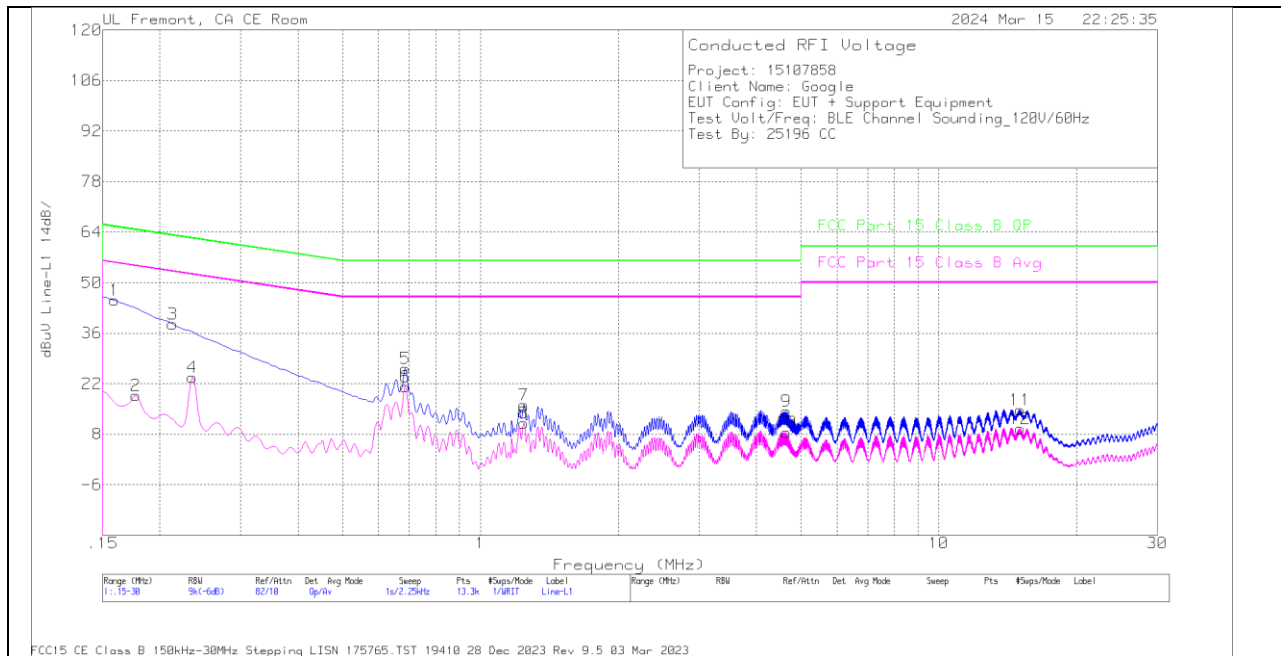
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN (dB)	Cbl (dB)	Trns Limiter (dB)	Corrected Reading (dBuV)	FCC Part 15C QP Limit (dBuV)	QP Margin (dB)	FCC Part 15C Avg Limit (dBuV)	Av Margin (dB)
14	.1703	13.63	Av	0	0	9.5	23.13	-	-	54.95	-31.82
16	.2018	11.75	Av	0	.1	9.4	21.25	-	-	53.54	-32.29
18	.2333	10.95	Av	0	0	9.4	20.35	-	-	52.33	-31.98
20	.267	9.62	Av	0	0	9.4	19.02	-	-	51.21	-32.19
22	.699	13.42	Av	0	0	9.3	22.72	-	-	46	-23.28
24	4.6433	.37	Av	0	.2	9.4	9.97	-	-	46	-36.03
13	.1703	35.8	Qp	0	0	9.5	45.3	64.95	-19.65	-	-
15	.2018	31.91	Qp	0	.1	9.4	41.41	63.54	-22.13	-	-
17	.2333	29.15	Qp	0	0	9.4	38.55	62.33	-23.78	-	-
19	.267	26.27	Qp	0	0	9.4	35.67	61.21	-25.54	-	-
21	.7013	19.93	Qp	0	0	9.3	29.23	56	-26.77	-	-
23	4.6478	10.68	Qp	0	.2	9.4	20.28	56	-35.72	-	-

Qp - Quasi-Peak detector

Av - Average detection

11.2. BLE ASK, MODE 2 (CHANNEL SOUNDING)

LINE 1 RESULTS

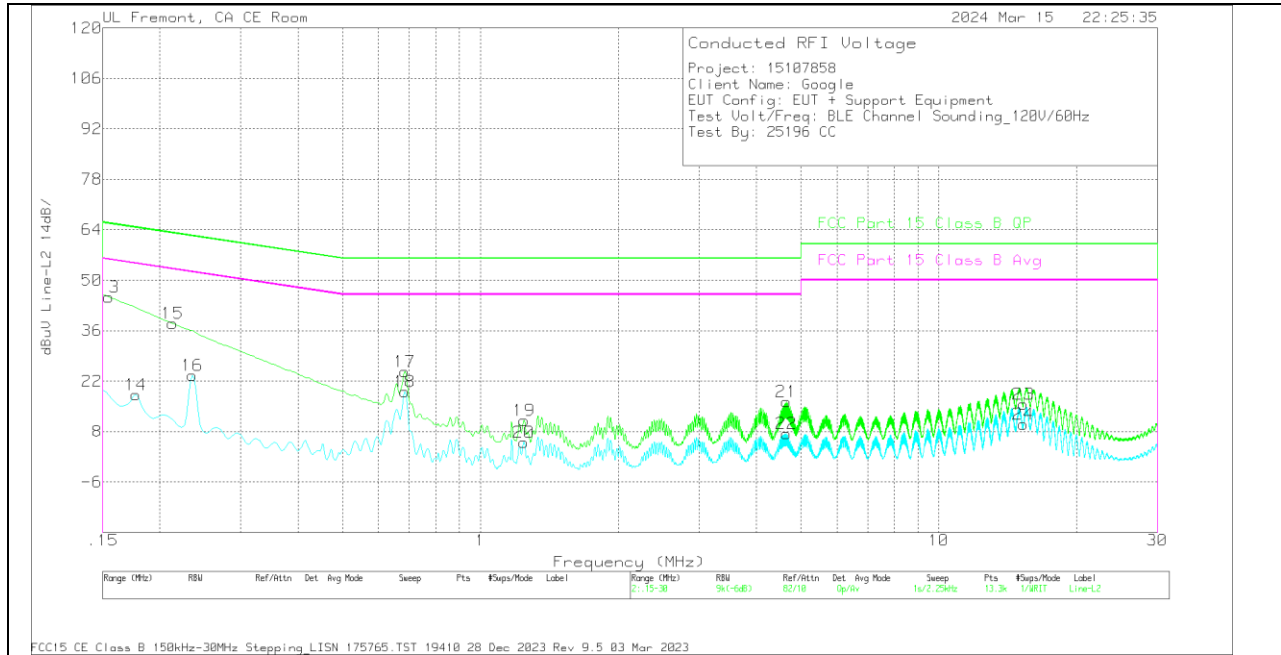


Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN (dB)	Cbl (dB)	Tms Limiter (dB)	Corrected Reading (dBuV)	FCC Part 15C QP Limit (dBuV)	QP Margin (dB)	FCC Part 15C Avg Limit (dBuV)	Av Margin (dB)
2	.177	9.28	Av	0	.1	9.4	18.78	-	-	54.63	-35.85
4	.2355	14.4	Av	0	0	9.4	23.8	-	-	52.25	-28.45
6	.6855	11.73	Av	0	.1	9.3	21.13	-	-	46	-24.87
8	1.2435	1.61	Av	0	0	9.4	11.01	-	-	46	-34.99
10	4.6478	-1.1	Av	0	.1	9.4	8.4	-	-	46	-37.6
12	15.0619	-1.7	Av	.1	.2	9.4	9.53	-	-	50	-40.47
1	.159	35.59	Qp	0	0	9.5	45.09	65.52	-20.43	-	-
3	.213	29.03	Qp	0	.1	9.4	38.53	63.09	-24.56	-	-
5	.6855	16.8	Qp	0	.1	9.3	26.2	56	-29.8	-	-
7	1.2435	6.78	Qp	0	0	9.4	16.18	56	-39.82	-	-
9	4.6478	4.83	Qp	0	.1	9.4	14.33	56	-41.67	-	-
11	15.036	5.05	Qp	.1	.2	9.4	14.75	60	-45.25	-	-

Qp - Quasi-Peak detector

Av - Average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN (dB)	Cbl (dB)	Tms Limiter (dB)	Corrected Reading (dBuV)	FCC Part 15C QP Limit (dBuV)	QP Margin (dB)	FCC Part 15C Avg Limit (dBuV)	Av Margin (dB)
14	.177	8.75	Av	0	.1	9.4	18.25	-	-	54.63	-36.38
16	.2355	14.24	Av	0	0	9.4	23.64	-	-	52.25	-28.61
18	.6833	9.79	Av	0	0	9.3	19.09	-	-	46	-26.91
20	1.2446	-4.52	Av	0	.1	9.4	4.98	-	-	46	-41.02
22	4.6455	-2.21	Av	0	.2	9.4	7.39	-	-	46	-38.61
24	15.297	.25	Av	.1	.2	9.4	9.95	-	-	50	-40.05
13	.1545	35.78	Qp	0	0	9.5	45.28	65.75	-20.47	-	-
15	.213	28.51	Qp	0	.1	9.4	38.01	63.09	-25.08	-	-
17	.6833	15.4	Qp	0	0	9.3	24.7	56	-31.3	-	-
19	1.2458	1.64	Qp	0	.1	9.4	11.14	56	-44.86	-	-
21	4.6455	6.61	Qp	0	.2	9.4	16.21	56	-39.79	-	-
23	15.315	5.95	Qp	.1	.2	9.4	15.65	60	-44.35	-	-

Qp - Quasi-Peak detector

Av - Average detection

12. DESCRIPTION OF TEST SETUP AND SETUP PHOTOS

Please refer to 15107858-EP1 for test setup description and setup photos

END OF TEST REPORT