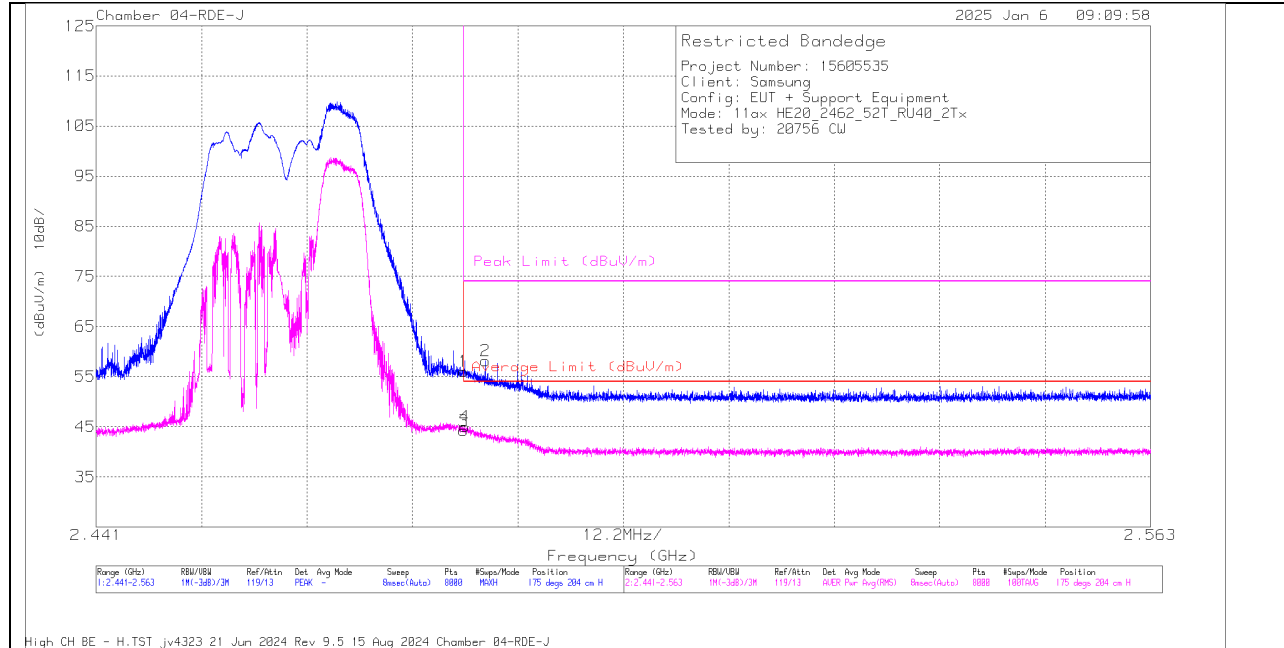


2TX Antenna 1 + Antenna 2 OFDMA MODE: 52-Tones, RU Index 40

BANDEDGE (HIGH CHANNEL 11)

HORIZONTAL RESULT



TRACE MARKER

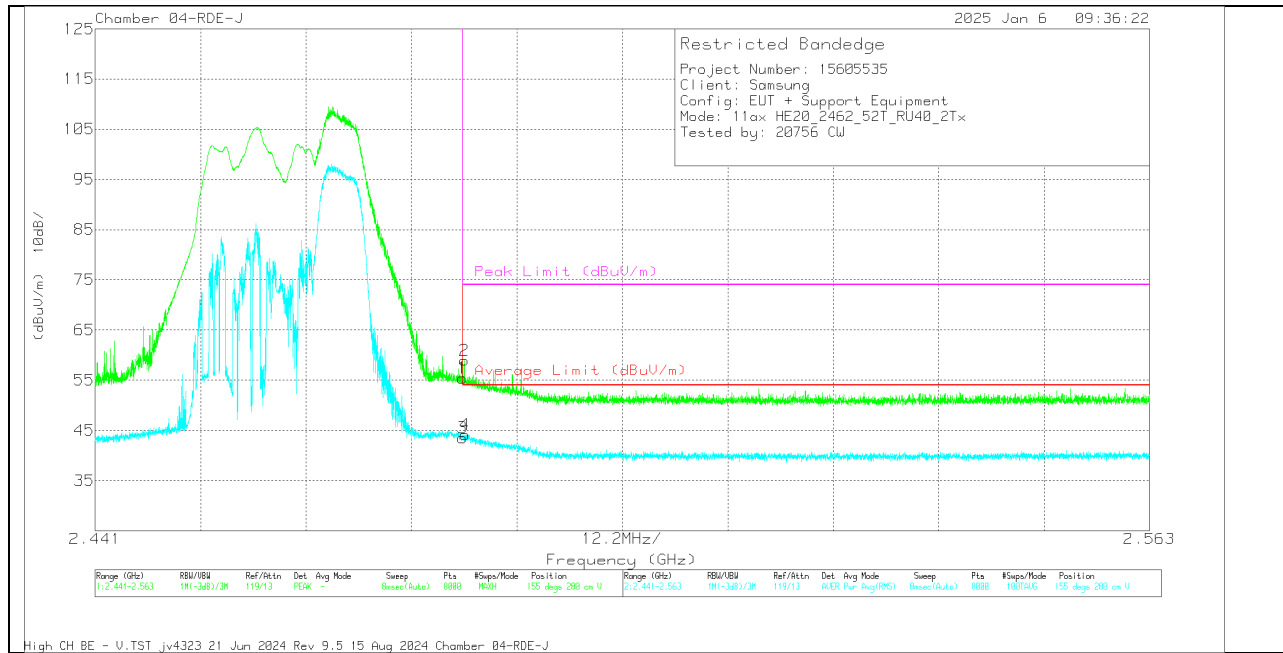
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	60.25	PK	32.4	-36.6	0	56.05	-	-	74	-17.95	175	204	H
2	* 2.486024	62.26	PK	32.5	-36.6	0	58.16	-	-	74	-15.84	175	204	H
3	* 2.4835	48.25	RMS	32.4	-36.6	.16	44.21	54	-9.79	-	-	175	204	H
4	* 2.483645	49.02	RMS	32.4	-36.6	.16	44.98	54	-9.02	-	-	175	204	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl/Pad (dB)	DCCF (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	59.61	Pk	32.4	-36.6	0	55.41	-	-	74	-18.59	155	280	V
2	* 2.483706	63.17	Pk	32.4	-36.6	0	58.97	-	-	74	-15.03	155	280	V
3	* 2.4835	47.53	RMS	32.4	-36.6	.16	43.49	54	-10.51	-	-	155	280	V
4	* 2.483782	48.18	RMS	32.4	-36.6	.16	44.14	54	-9.86	-	-	155	280	V

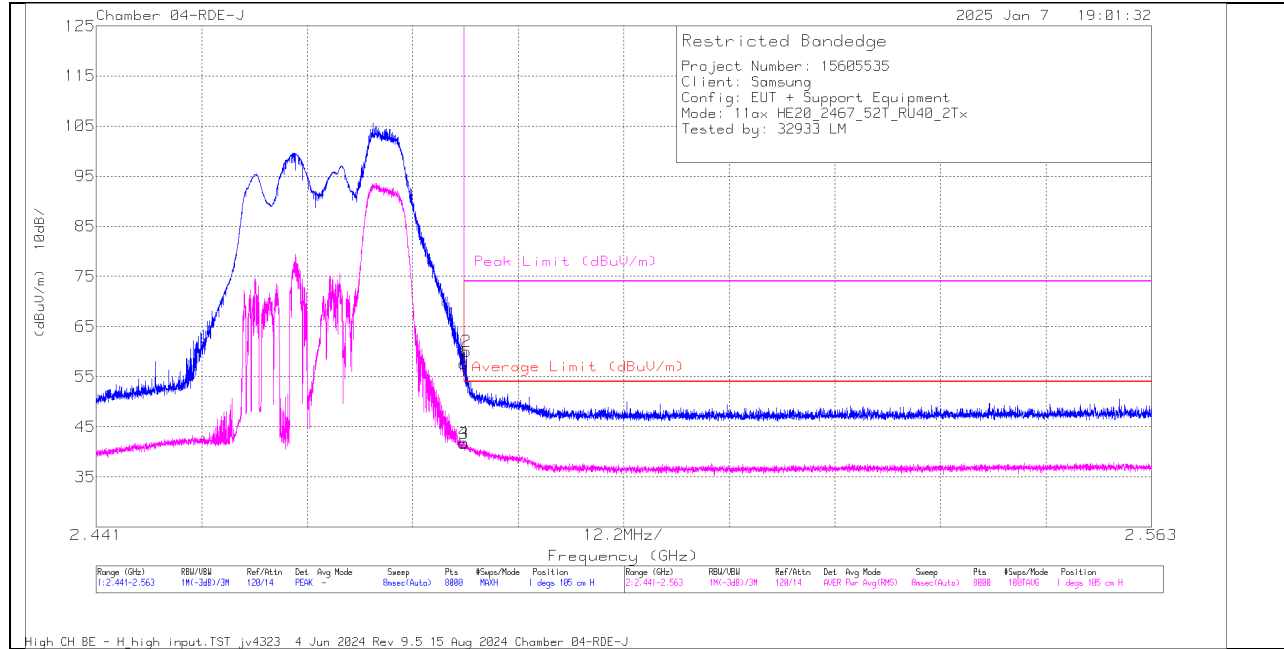
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL 12)

HORIZONTAL RESULT

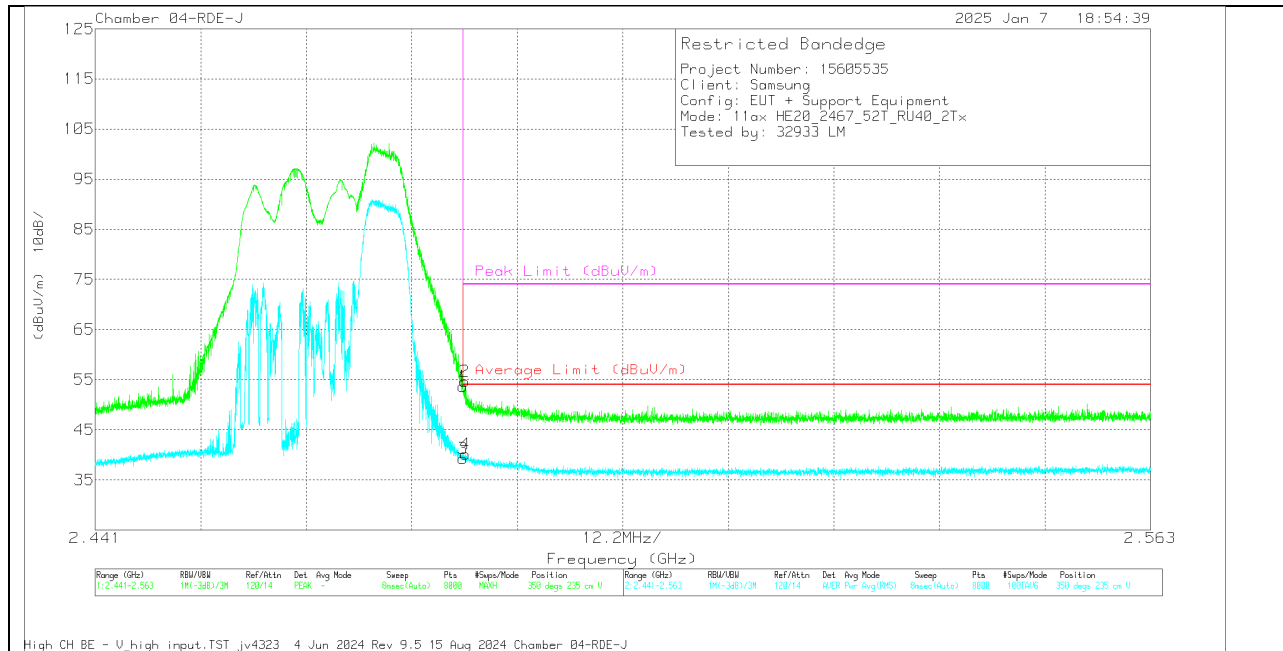


TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/CbIs (dB)	DCCF (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	53.03	PK	32.4	-27.8	0	57.63	-	-	74	-16.37	1	105	H
2	* 2.483782	55.43	PK	32.4	-27.8	0	60.03	-	-	74	-13.97	1	105	H
3	* 2.4835	36.92	RMS	32.4	-27.8	.16	41.68	54	-12.32	-	-	1	105	H
4	* 2.483507	37.14	RMS	32.4	-27.8	.16	41.9	54	-12.1	-	-	1	105	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



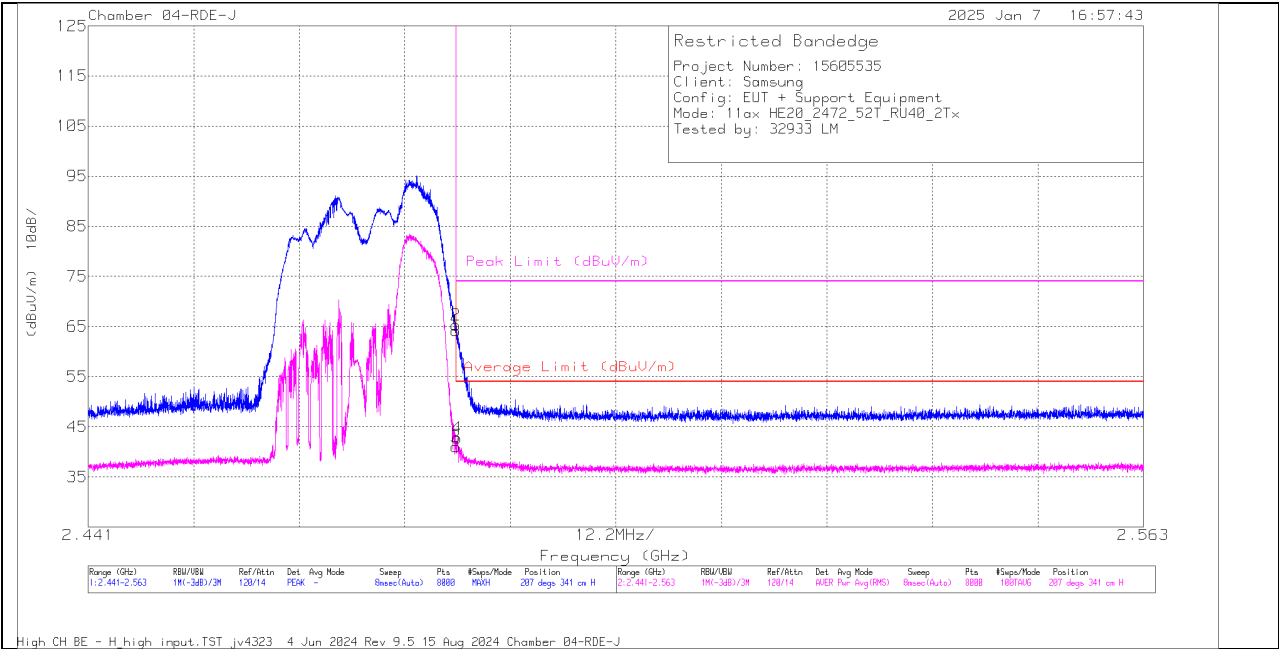
TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbts (dB)	DCCF (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	49.11	Pk	32.4	-27.8	0	53.71	-	-	74	-20.29	350	235	V
2	* 2.483721	50.09	Pk	32.4	-27.8	0	54.69	-	-	74	-19.31	350	235	V
3	* 2.4835	34.54	RMS	32.4	-27.8	-16	39.3	54	-14.7	-	-	350	235	V
4	* 2.483782	35.35	RMS	32.4	-27.8	-16	40.11	54	-13.89	-	-	350	235	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

BANEDGE (HIGH CHANNEL 13)

HORIZONTAL RESULT

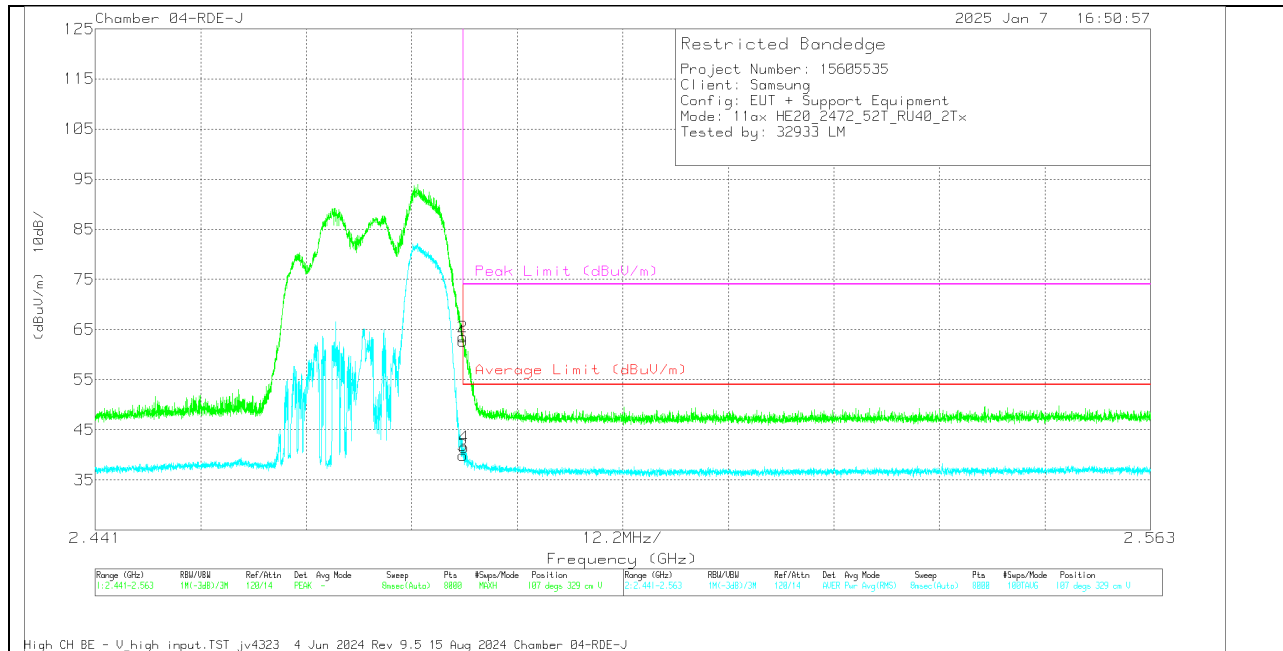


TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/CbIs (dB)	DCCF (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	59.56	Pk	32.4	-27.8	0	64.16	-	-	74	-9.84	207	341	H
2	* 2.483538	60.75	Pk	32.4	-27.8	0	65.35	-	-	74	-8.65	207	341	H
3	* 2.4835	36.25	RMS	32.4	-27.8	.16	41.01	54	-12.99	-	-	207	341	H
4	* 2.48369	38.05	RMS	32.4	-27.8	.16	42.81	54	-11.19	-	-	207	341	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



TRACE MARKER

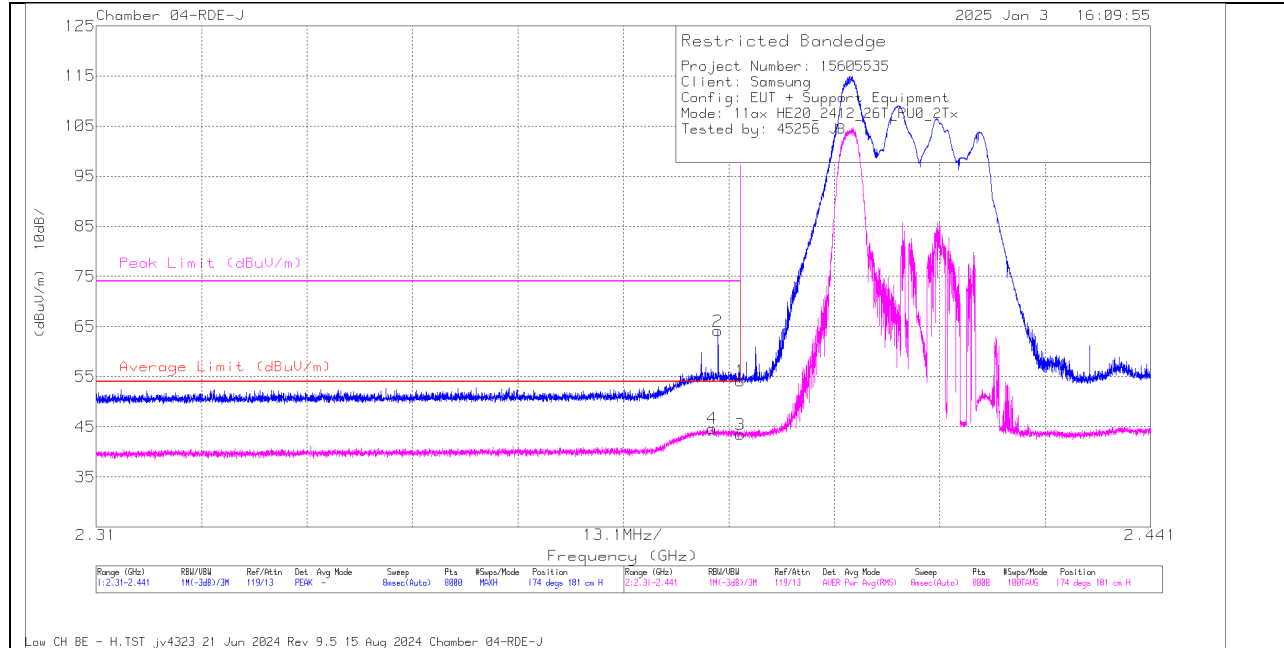
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/CbIs (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	58.04	Pk	32.4	-27.8	0	62.64	-	-	74	-11.36	107	329	V
2	* 2.483538	58.89	Pk	32.4	-27.8	0	63.49	-	-	74	-10.51	107	329	V
3	* 2.4835	35.08	RMS	32.4	-27.8	.16	39.84	54	-14.16	-	-	107	329	V
4	* 2.48366	36.77	RMS	32.4	-27.8	.16	41.53	54	-12.47	-	-	107	329	V

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

2TX Antenna 1 + Antenna 2 OFDMA MODE: 26-Tones, RU Index 0

BANDEGE (LOW CHANNEL 1)

HORIZONTAL RESULT

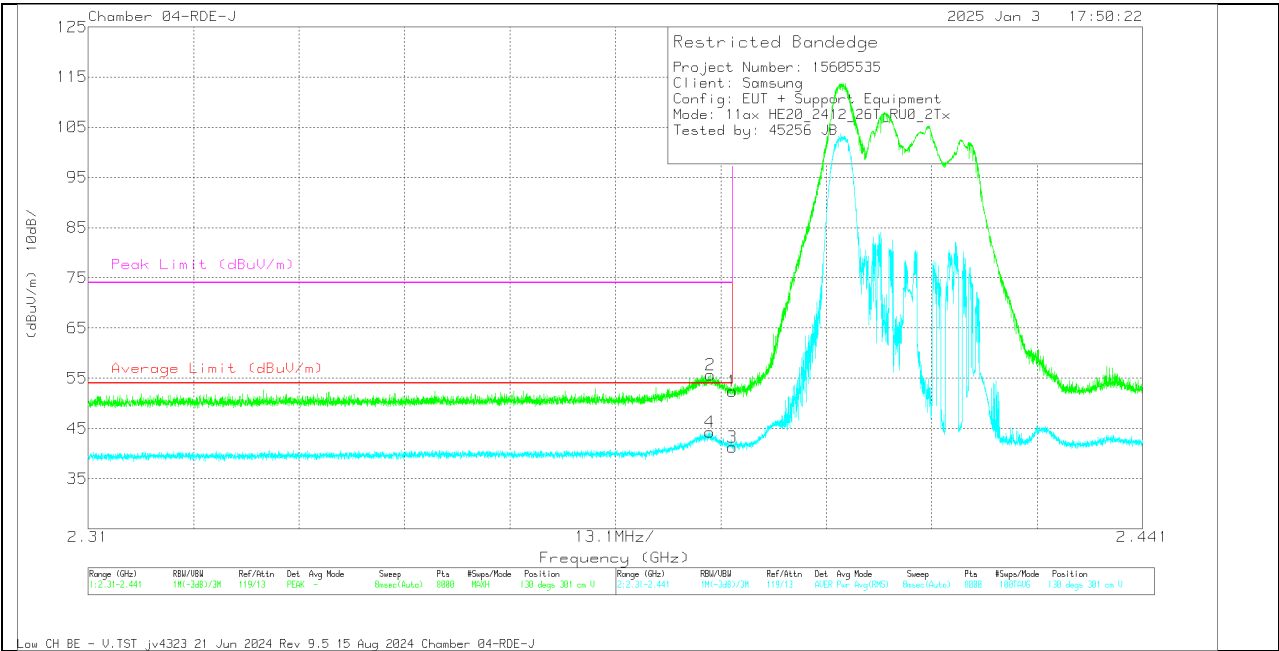


TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl/Pad (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	58.63	PK	32.2	-36.7	54.13	-	-	74	-19.87	174	181	H
2	* 2.387267	68.61	PK	32.2	-36.7	64.11	-	-	74	-9.89	174	181	H
3	* 2.39	47.64	RMS	32.2	-36.7	43.14	54	-10.22	-	-	174	181	H
4	* 2.38653	48.86	RMS	32.2	-36.7	44.36	54	-9.64	-	-	174	181	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



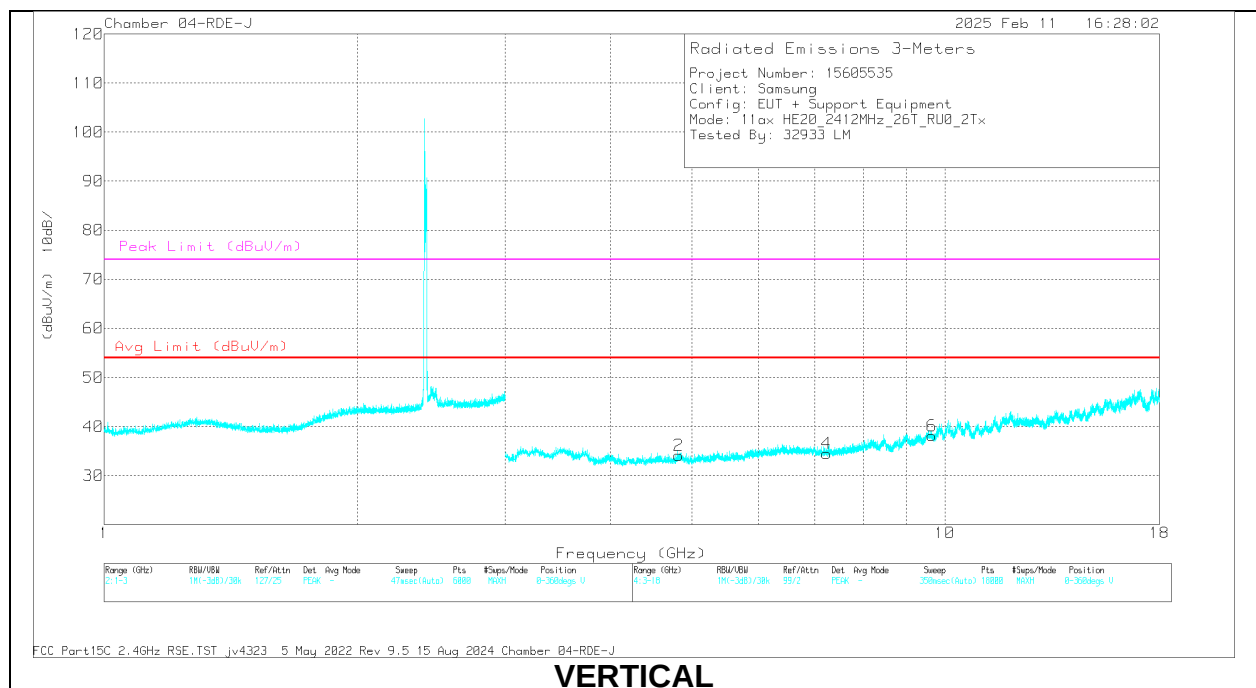
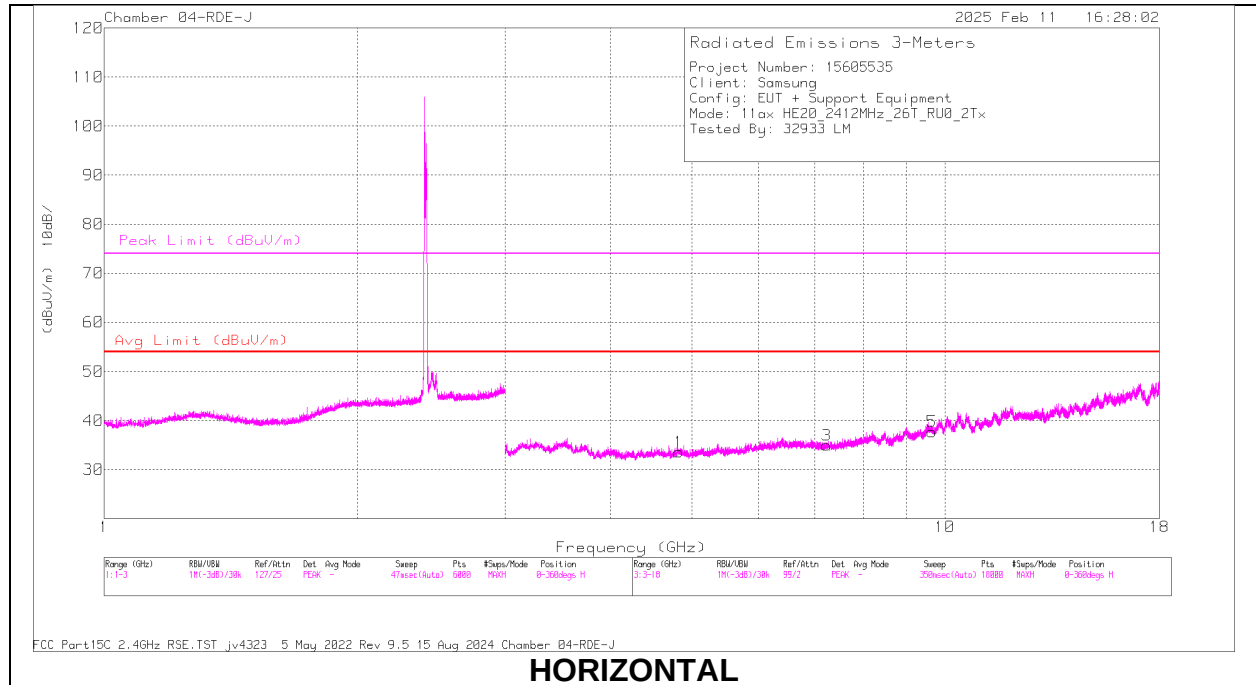
TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl/Pad (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	56.89	Pk	32.2	-36.7	52.39	-	-	74	-21.61	130	301	V
2	* 2.387332	60.14	Pk	32.2	-36.7	55.64	-	-	74	-18.36	130	301	V
3	* 2.39	45.45	RMS	32.2	-36.7	40.95	54	-12.41	-	-	130	301	V
4	* 2.387201	48.41	RMS	32.2	-36.7	43.91	54	-9.35	-	-	130	301	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL 1 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl/Filtr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.807083	59.86	PK2	34.3	-45	49.16	-	-	74	-24.84	345	101	H
1	* 4.80699	46.84	MAv1	34.3	-45	36.14	54	-17.86	-	-	345	101	H
2	* 4.8081	54.64	PK2	34.3	-45	43.94	-	-	74	-30.06	169	235	V
2	* 4.806749	42.88	MAv1	34.3	-45	32.18	54	-21.82	-	-	169	235	V
3	7.22625	51.99	PK2	35.5	-42.3	45.19	-	-	-	-	314	257	H
4	7.230156	52.17	PK2	35.5	-42.4	45.27	-	-	-	-	336	101	V
5	9.664031	51.82	PK2	37	-40.9	47.92	-	-	-	-	344	295	H
6	9.652553	51.44	PK2	37	-40.7	47.74	-	-	-	-	213	312	V

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

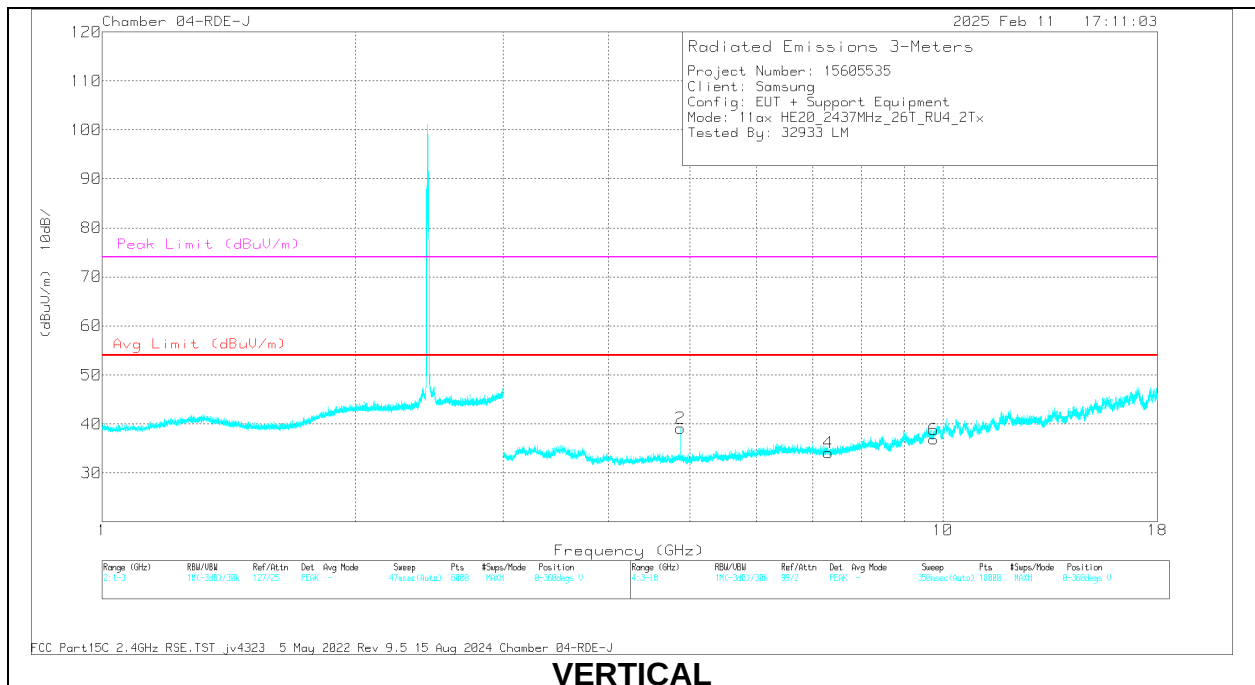
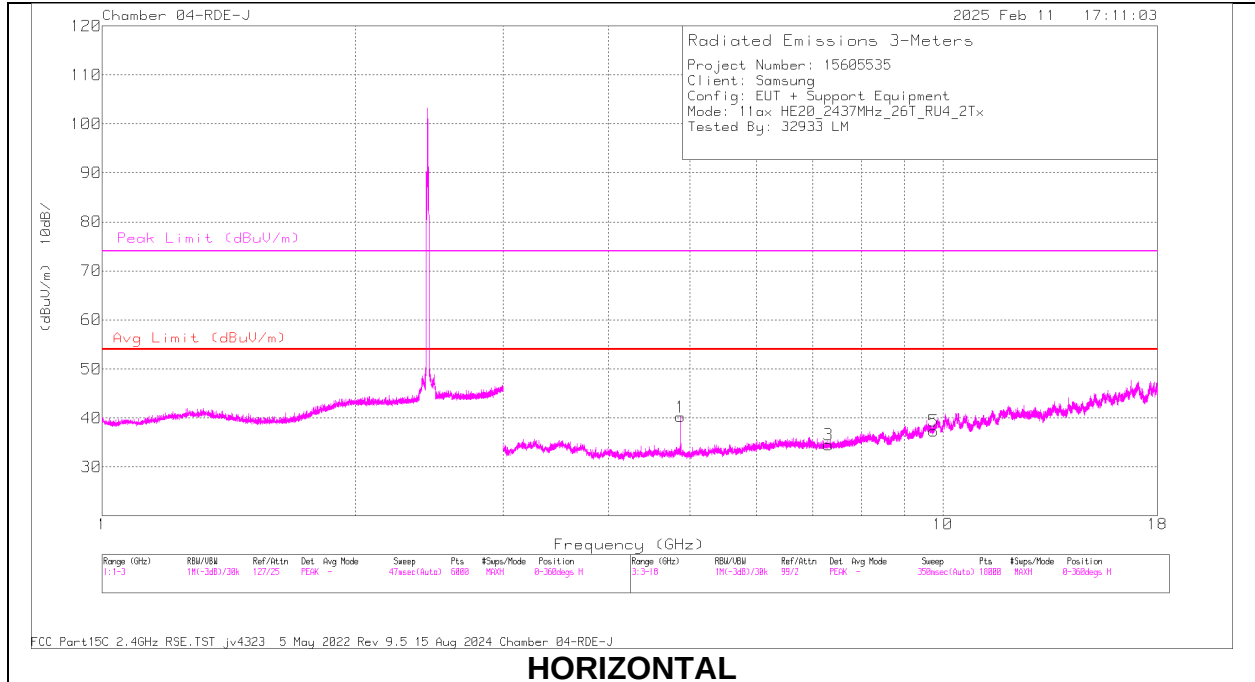
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

2TX Antenna 1 + Antenna 2 OFDMA MODE: 26-Tones, RU Index 4

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL 6 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl/Fitr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.875554	63.89	PK2	34.3	-44.6	53.59	-	-	74	-20.41	307	101	H
	* 4.873923	50.65	MAv1	34.3	-44.6	40.35	54	-13.65	-	-	307	101	H
2	* 4.875693	62.57	PK2	34.3	-44.6	52.27	-	-	74	-21.73	323	213	V
	* 4.87396	49.79	MAv1	34.3	-44.6	39.49	54	-14.51	-	-	323	213	V
3	* 7.329966	51.48	PK2	35.5	-42.3	44.68	-	-	74	-29.32	48	211	H
	* 7.317072	39.99	MAv1	35.5	-42.2	33.29	54	-20.71	-	-	48	211	H
4	* 7.327379	51.74	PK2	35.5	-42.3	44.94	-	-	74	-29.06	174	105	V
	* 7.308792	39.91	MAv1	35.5	-42.2	33.21	54	-20.79	-	-	174	105	V
5	9.751238	52.65	PK2	37.2	-41	48.85	-	-	-	-	184	110	H
6	9.733281	52.12	PK2	37.2	-41.1	48.22	-	-	-	-	196	241	V

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

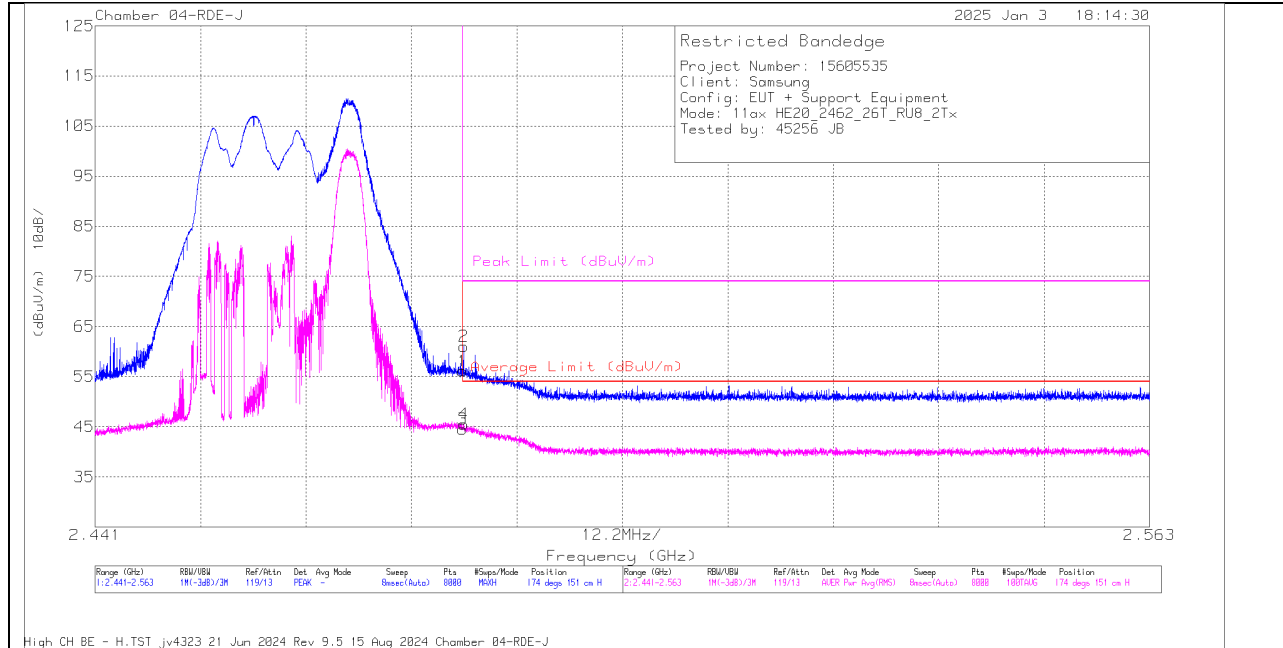
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

2TX Antenna 1 + Antenna 2 OFDMA MODE: 26-Tones, RU Index 8

BANDEDGE (HIGH CHANNEL 11)

HORIZONTAL RESULT



TRACE MARKER

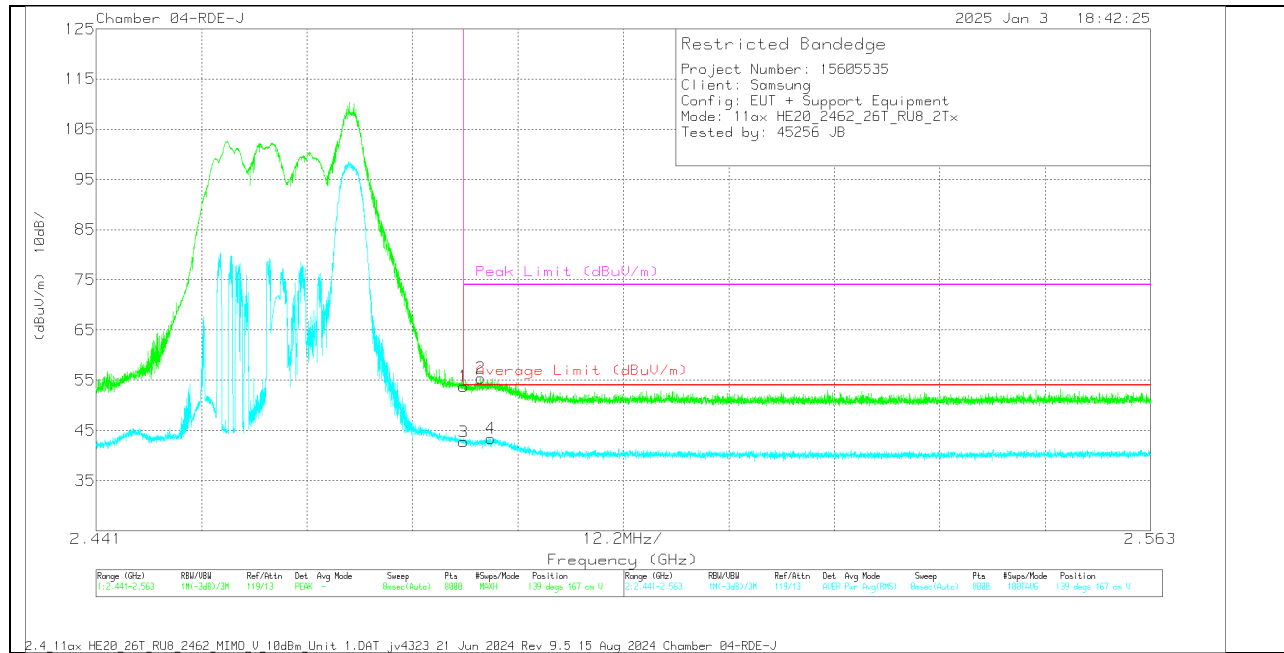
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	60.31	PK	32.4	-36.6	56.11	-	-	74	-17.89	174	151	H
2	* 2.483629	65.24	PK	32.4	-36.6	61.04	-	-	74	-12.96	174	151	H
3	* 2.4835	48.38	RMS	32.4	-36.6	44.82	54	-9.82	-	-	174	151	H
4	* 2.483629	49.41	RMS	32.4	-36.6	45.85	54	-8.79	-	-	174	151	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



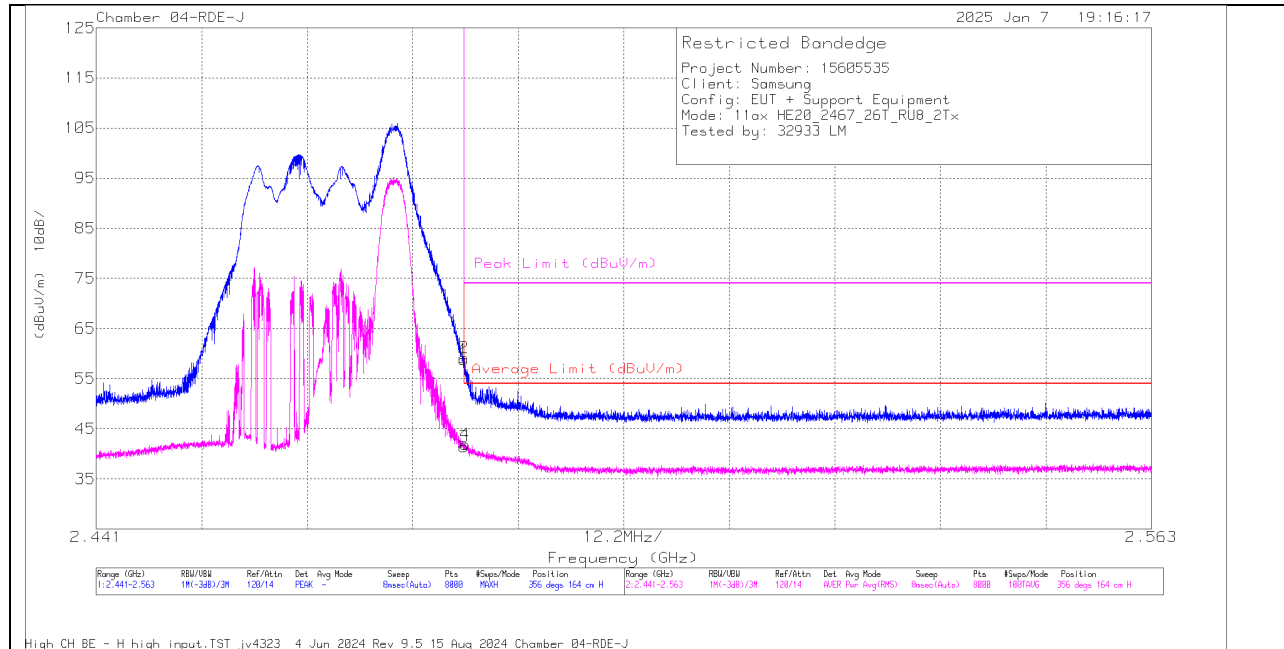
TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl/Pad (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	57.96	Pk	32.4	-36.6	53.76	-	-	74	-20.24	139	167	V
2	* 2.48505	59.49	Pk	32.5	-36.6	55.39	-	-	74	-18.61	139	167	V
3	* 2.4835	46.59	RMS	32.4	-36.6	43.03	54	-11.61	-	-	139	167	V
4	* 2.486664	47.16	RMS	32.5	-36.6	43.70	54	-10.94	-	-	139	167	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

BANDEDGE (HIGH CHANNEL 12)

HORIZONTAL RESULT

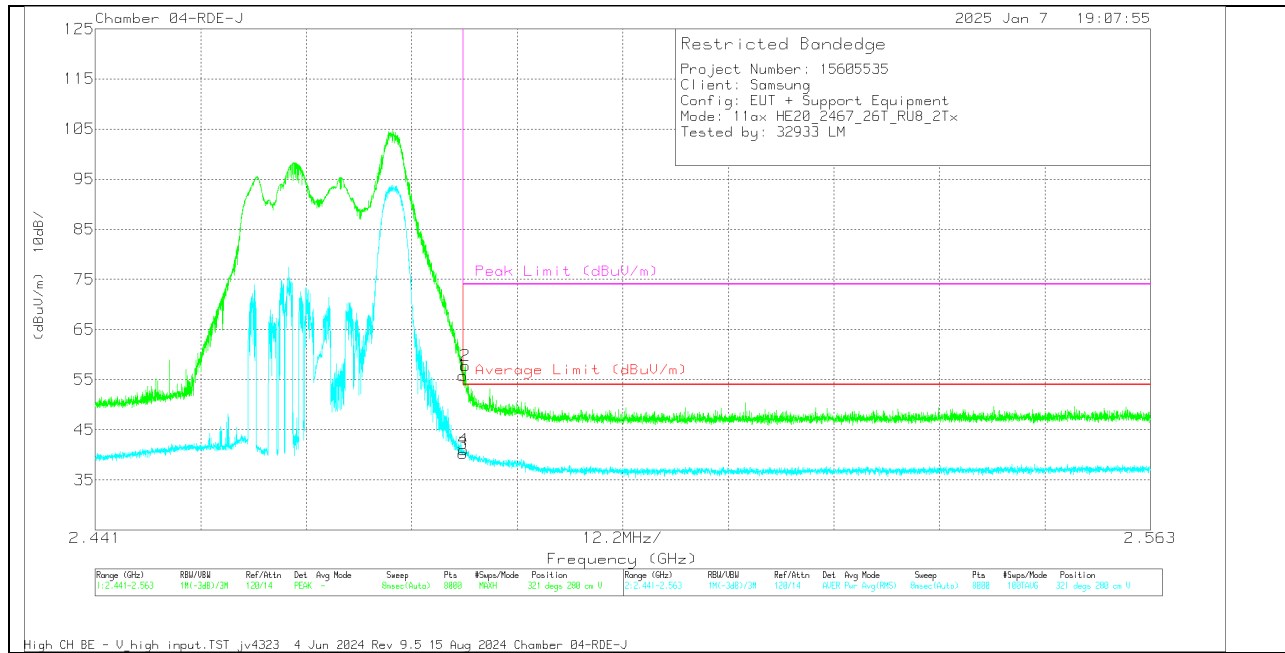


TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/CbIs (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	54.21	PK	32.4	-27.8	58.81	-	-	74	-15.19	356	164	H
2	* 2.483507	54.57	PK	32.4	-27.8	59.17	-	-	74	-14.83	356	164	H
3	* 2.4835	36.49	RMS	32.4	-27.8	41.09	54	-12.91	-	-	356	164	H
4	* 2.48366	36.94	RMS	32.4	-27.8	41.54	54	-12.46	-	-	356	164	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



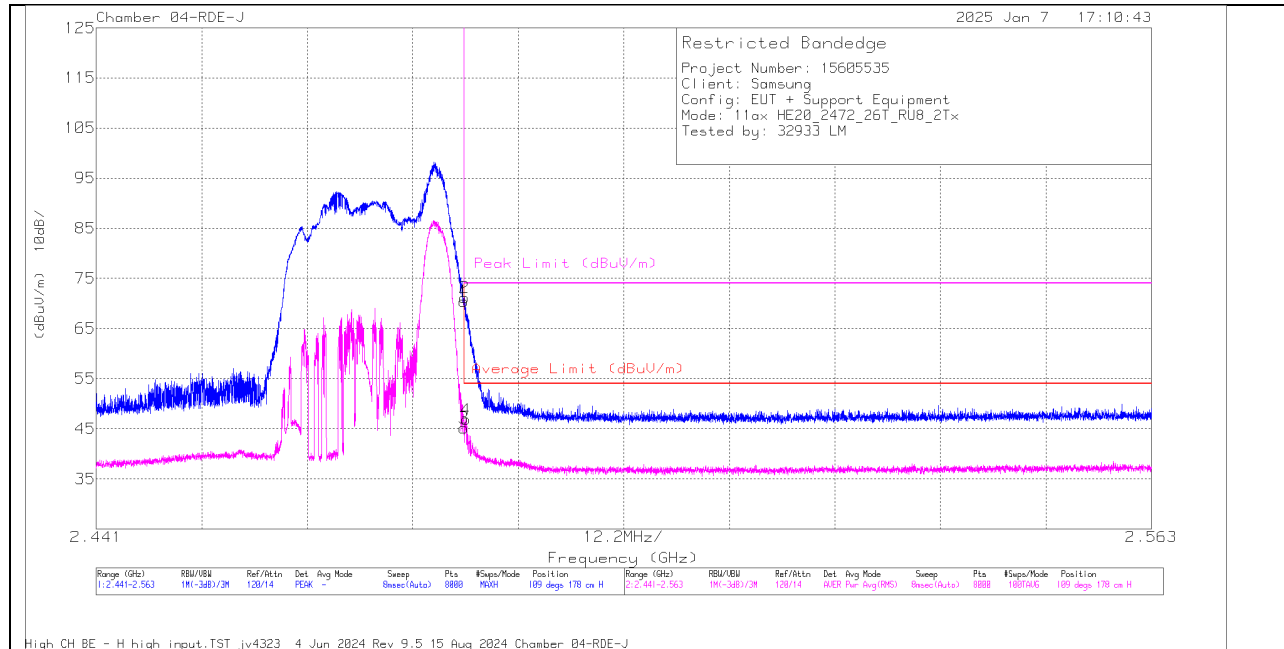
TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/CbIs (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	51.18	Pk	32.4	-27.8	55.78	-	-	74	-18.22	321	280	V
2	* 2.483782	53.23	Pk	32.4	-27.8	57.83	-	-	74	-16.17	321	280	V
3	* 2.4835	35.38	RMS	32.4	-27.8	39.98	54	-14.02	-	-	321	280	V
4	* 2.483584	36.13	RMS	32.4	-27.8	40.73	54	-13.27	-	-	321	280	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

BANDEDGE (HIGH CHANNEL 13)

HORIZONTAL RESULT

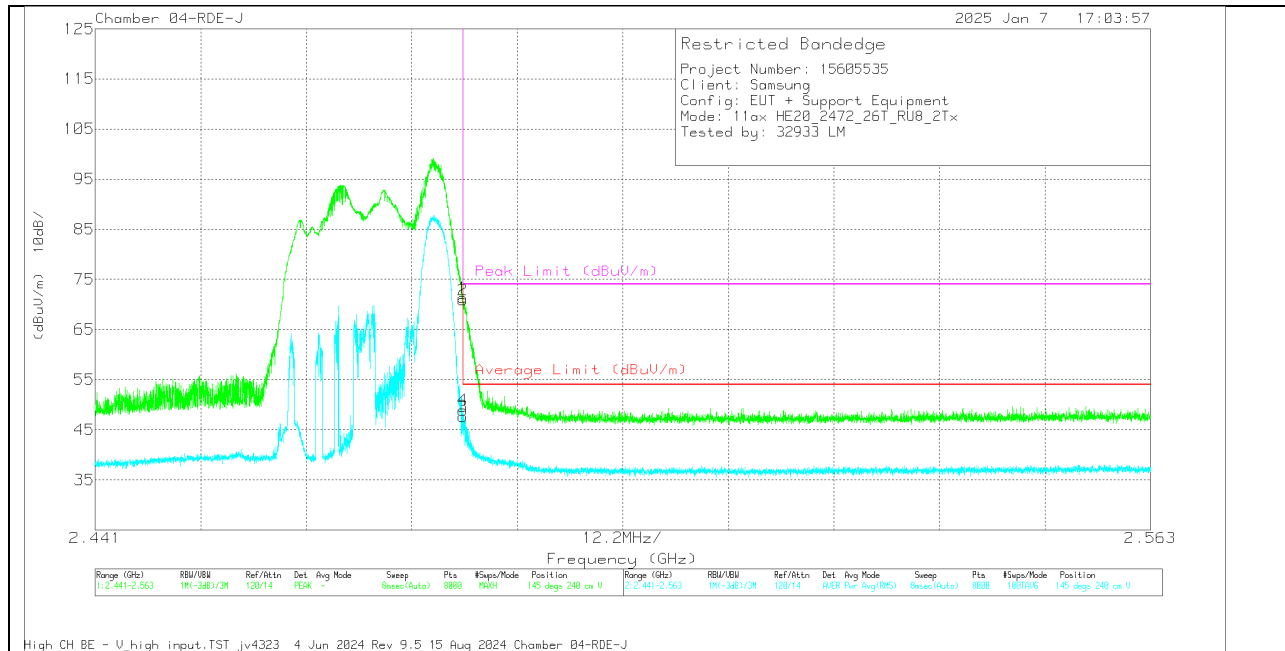


TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbbs (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	65.86	PK	32.4	-27.8	70.46	-	-	74	-3.54	109	178	H
2	* 2.483568	66.59	PK	32.4	-27.8	71.19	-	-	74	-2.81	109	178	H
3	* 2.4835	40.27	RMS	32.4	-27.8	44.89	54	-9.03	-	-	109	178	H
4	* 2.483767	41.92	RMS	32.4	-27.8	46.52	54	-7.48	-	-	109	178	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



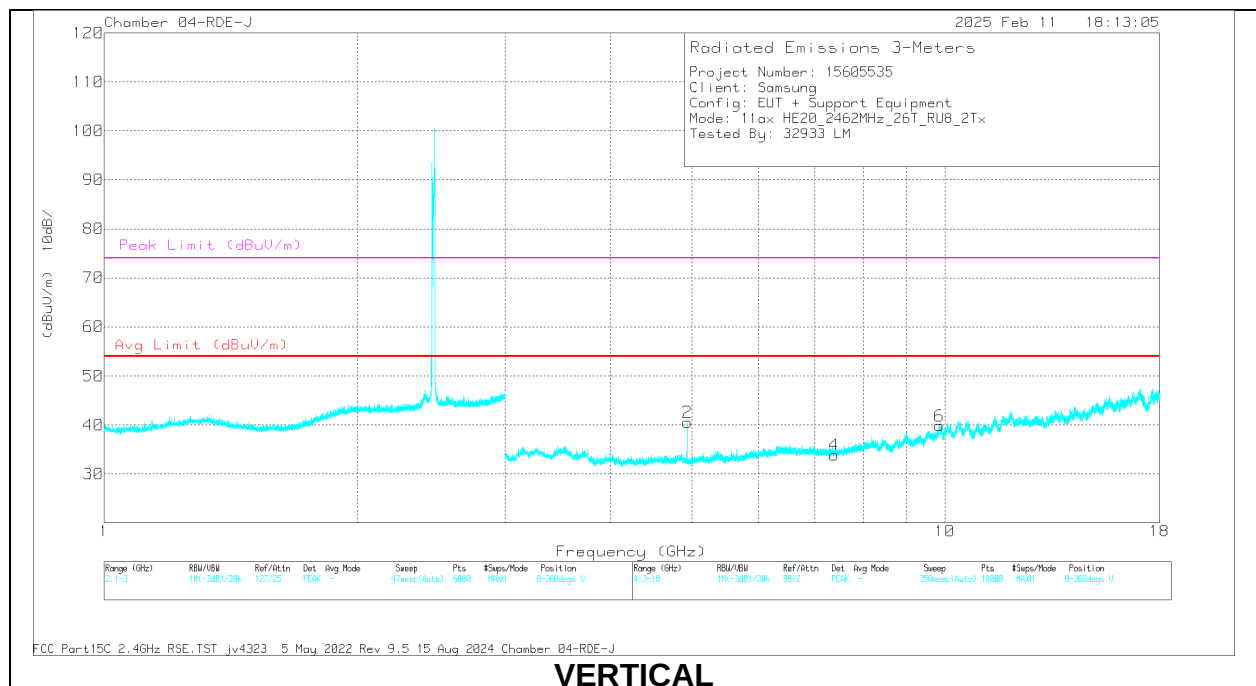
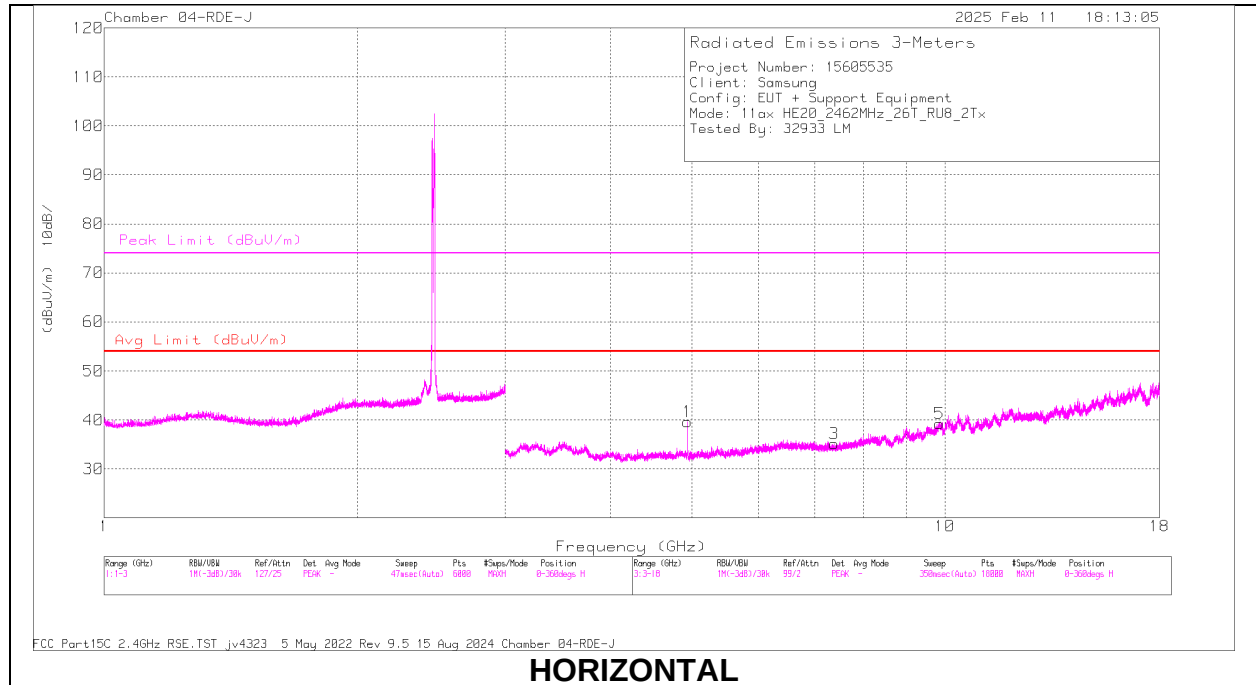
TRACE MARKER

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/CbIs (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	66.76	Pk	32.4	-27.8	71.36	-	-	74	-2.64	145	240	V
3	* 2.4835	42.72	RMS	32.4	-27.8	47.32	54	-6.68	-	-	145	240	V
2	* 2.483507	66.28	Pk	32.4	-27.8	70.88	-	-	74	-3.12	145	240	V
4	* 2.483523	43.99	RMS	32.4	-27.8	48.59	54	-5.41	-	-	145	240	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL 11 RESULTS



RADIATED EMISSIONS

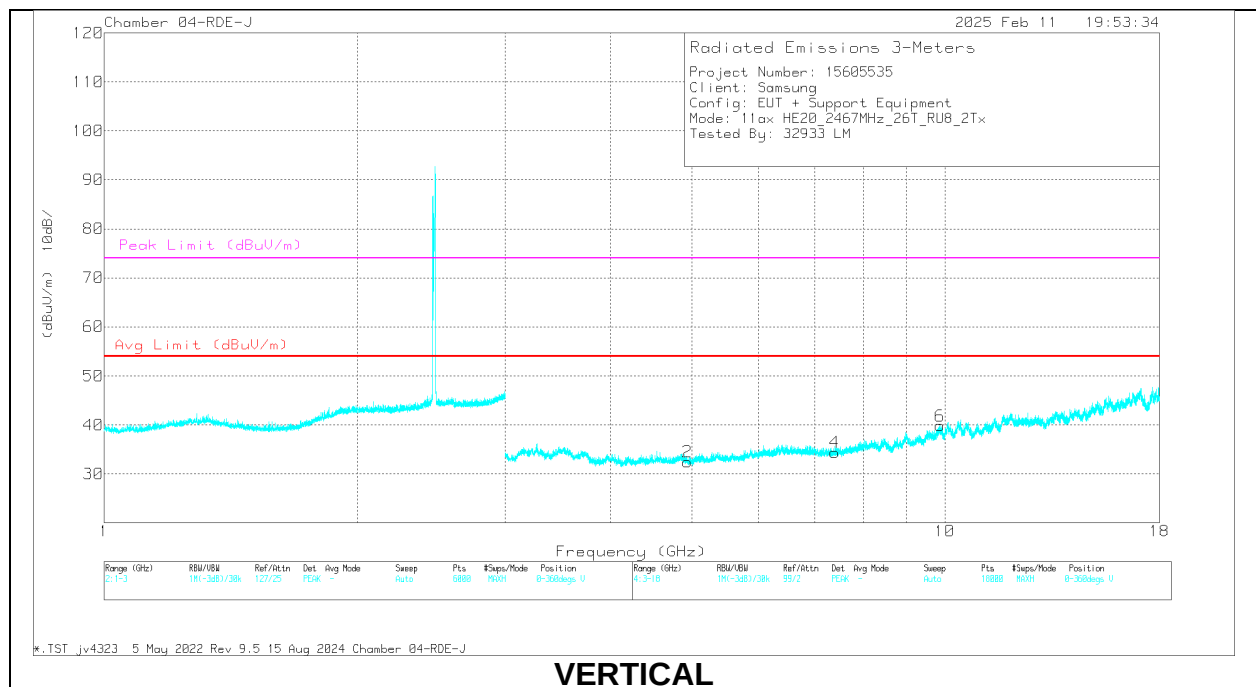
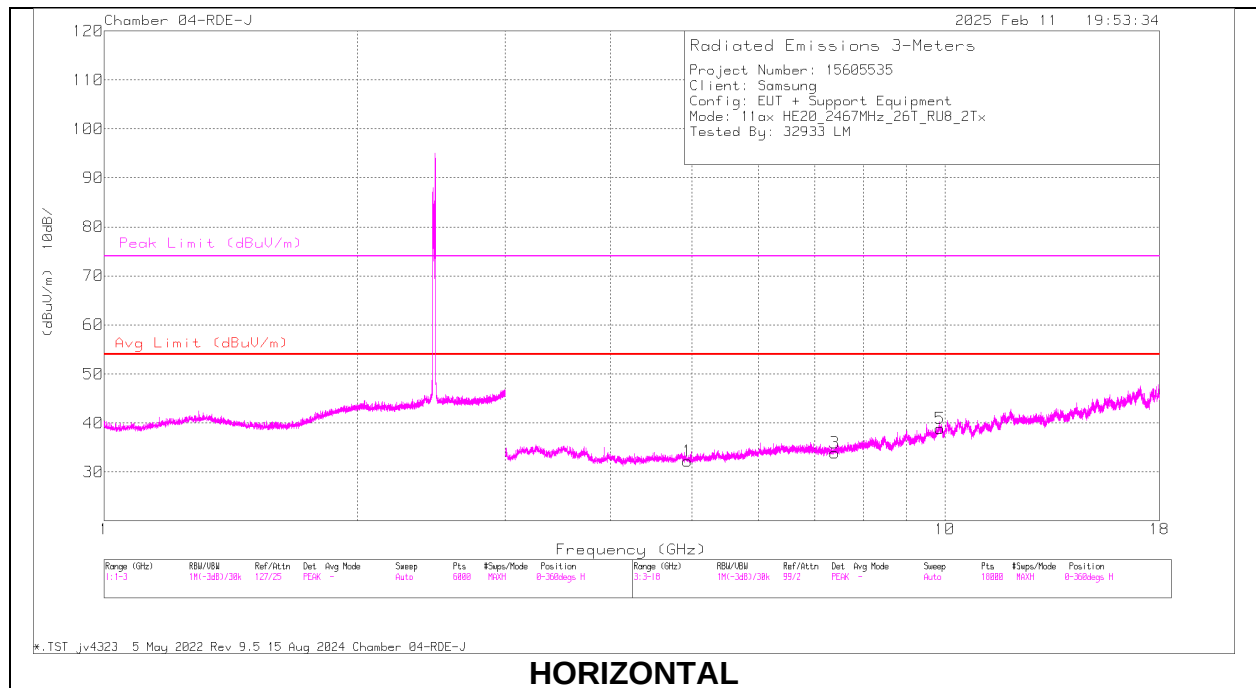
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl/Fitr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.941142	66.55	PK2	34.2	-44.6	56.15	-	-	74	-17.85	309	118	H
	* 4.9404	52.26	MAv1	34.3	-44.6	41.96	54	-12.04	-	-	309	118	H
2	* 4.94089	65.01	PK2	34.2	-44.6	54.61	-	-	74	-19.39	322	244	V
	* 4.941188	50.89	MAv1	34.2	-44.6	40.49	54	-13.51	-	-	322	244	V
3	* 7.388299	51.48	PK2	35.5	-42.3	44.68	-	-	74	-29.32	130	230	H
	* 7.39193	40.12	MAv1	35.5	-42.2	33.42	54	-20.58	-	-	130	230	H
4	* 7.390065	52.05	PK2	35.5	-42.3	45.25	-	-	74	-28.75	126	101	V
	* 7.39646	40.12	MAv1	35.5	-42.2	33.42	54	-20.58	-	-	126	101	V
5	9.829973	51.75	PK2	37.4	-39.9	49.25	-	-	-	-	116	343	H
6	9.84375	51.7	PK2	37.4	-39.4	49.7	-	-	-	-	205	243	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL 12 RESULTS



RADIATED EMISSIONS

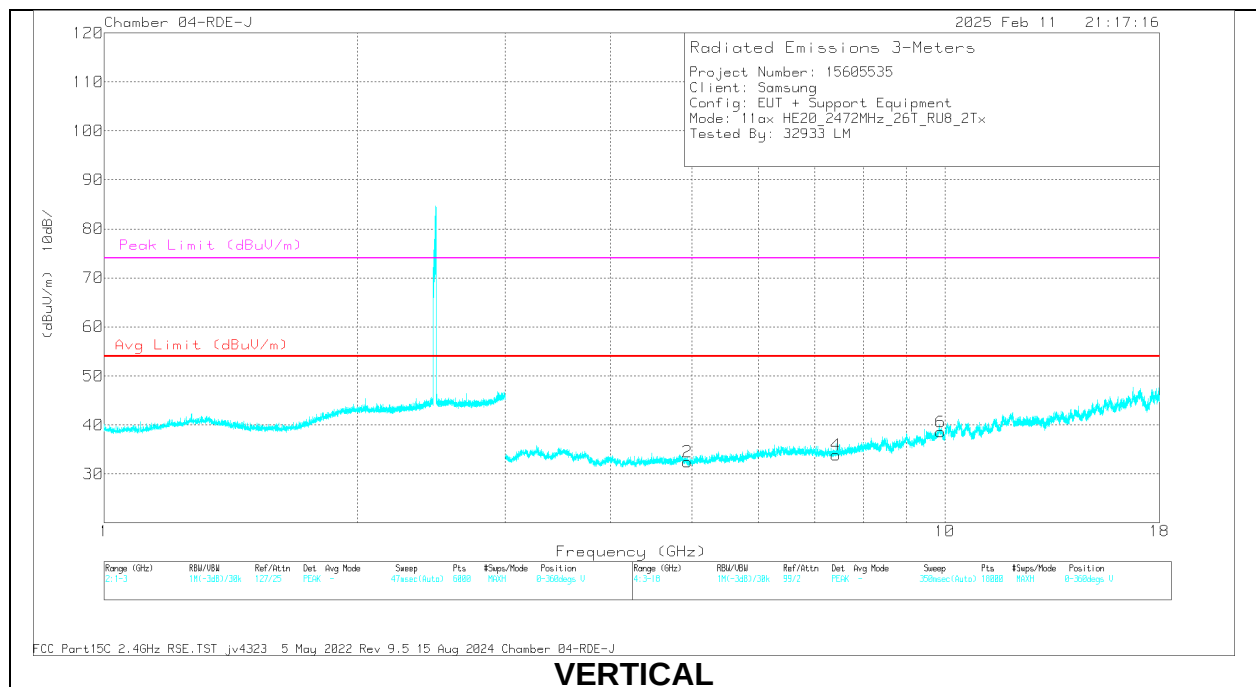
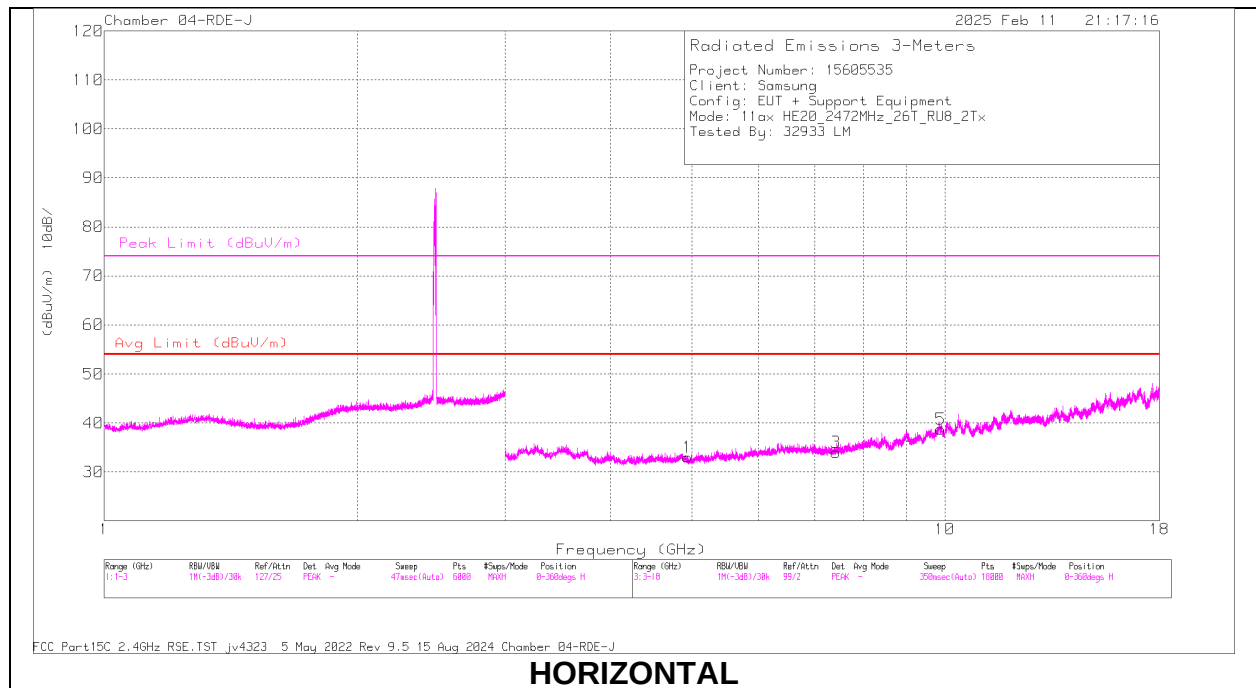
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dBm)	Amp/Cbl/Fitr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.91831	53.28	PK2	34.3	-44.4	43.18	-	-	74	-30.82	114	101	H
1	* 4.918061	41.93	MAv1	34.3	-44.4	31.83	54	-22.17	-	-	114	101	H
2	* 4.950039	53.88	PK2	34.2	-44.7	43.38	-	-	74	-30.62	187	101	V
2	* 4.952972	42.08	MAv1	34.2	-44.8	31.48	54	-22.52	-	-	187	101	V
3	* 7.386681	51.64	PK2	35.5	-42.3	44.84	-	-	74	-29.16	251	101	H
3	* 7.38533	40.19	MAv1	35.5	-42.2	33.49	54	-20.51	-	-	251	101	H
4	* 7.38239	52.05	PK2	35.5	-42.2	45.35	-	-	74	-28.65	102	239	V
4	* 7.405355	40	MAv1	35.5	-42.2	33.3	54	-20.7	-	-	102	239	V
5	9.855194	51.65	PK2	37.4	-39.3	49.75	-	-	-	-	293	113	H
6	9.852176	51.68	PK2	37.4	-39.3	49.78	-	-	-	-	212	247	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL 13 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl/Filtr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.956445	53.24	PK2	34.2	-44.8	42.64	-	-	74	-31.36	31	228	H
1	* 4.964591	41.73	MAv1	34.2	-44.7	31.23	54	-22.77	-	-	31	228	H
2	* 4.96266	53.78	PK2	34.2	-44.7	43.28	-	-	74	-30.72	304	101	V
2	* 4.929127	41.95	MAv1	34.3	-44.4	31.85	54	-22.15	-	-	304	101	V
3	* 7.417424	51.27	PK2	35.5	-42.1	44.67	-	-	74	-29.33	167	194	H
3	* 7.422829	39.9	MAv1	35.5	-42.1	33.3	54	-20.7	-	-	167	194	H
4	* 7.430679	51.12	PK2	35.5	-42.1	44.52	-	-	74	-29.48	15	103	V
4	* 7.419745	39.78	MAv1	35.5	-42.1	33.18	54	-20.82	-	-	15	103	V
5	9.907031	51.51	PK2	37.5	-39.4	49.61	-	-	-	-	277	268	H
6	9.887937	51.02	PK2	37.5	-39.7	48.82	-	-	-	-	216	126	V

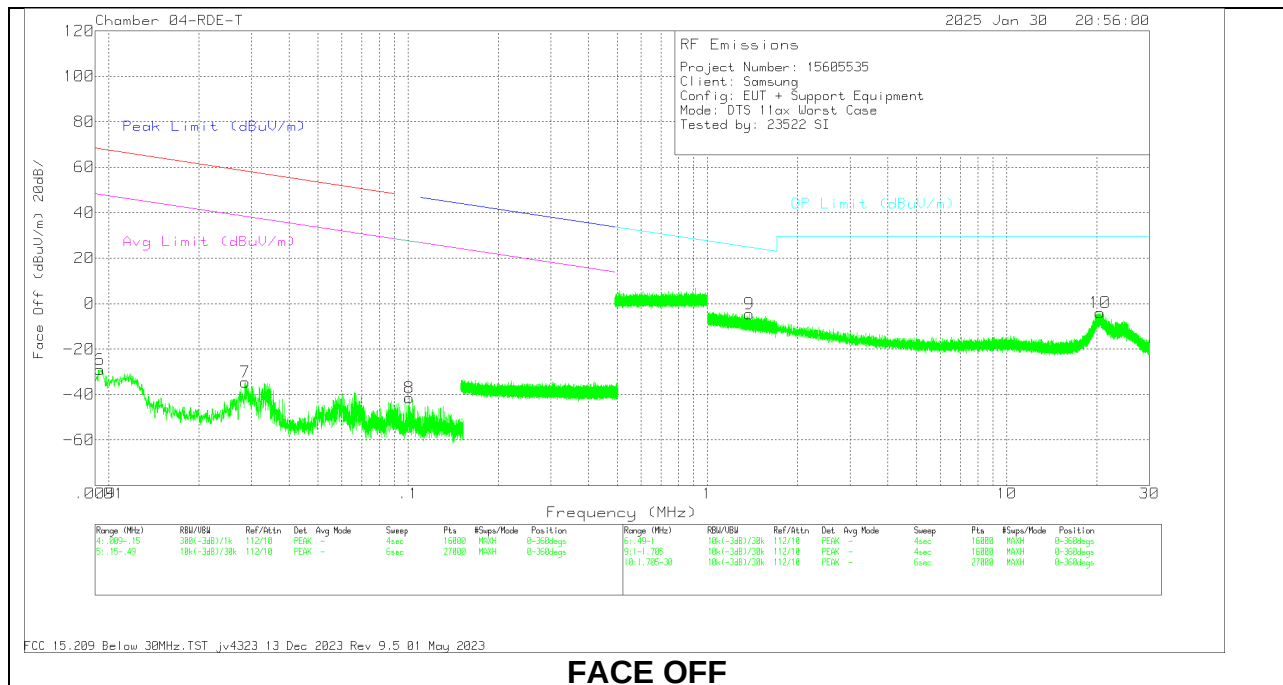
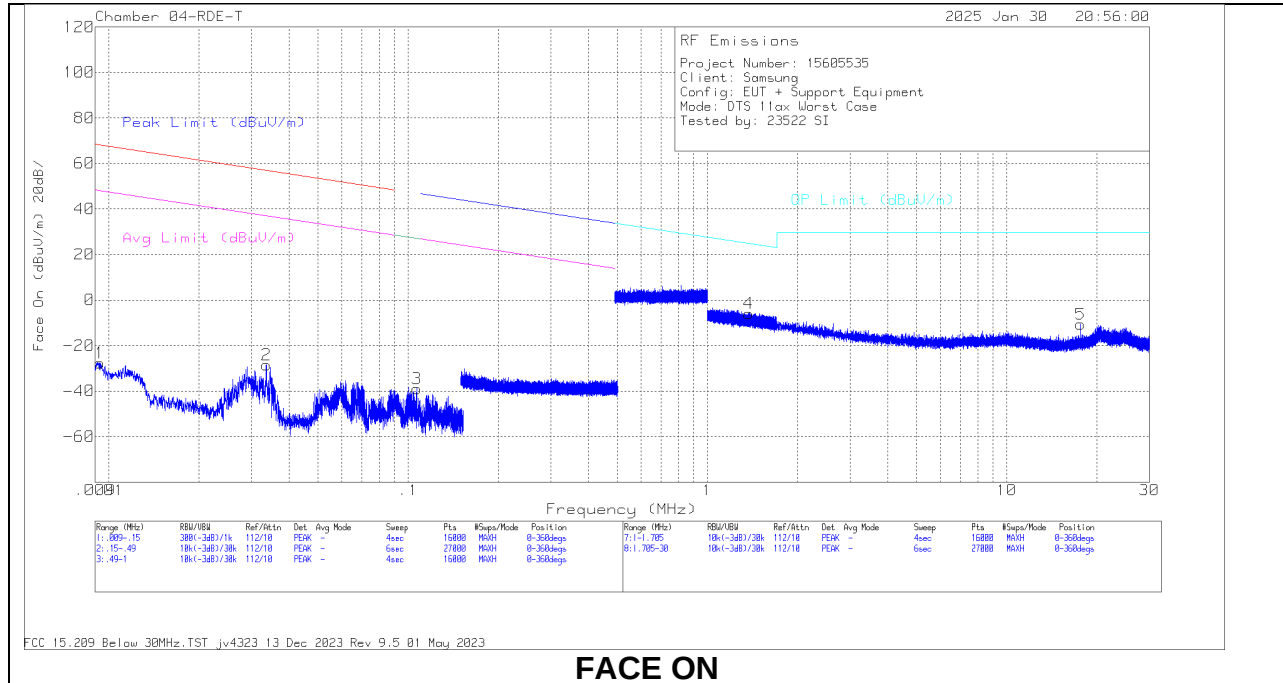
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

10.2. Worst Case Below 30MHz

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



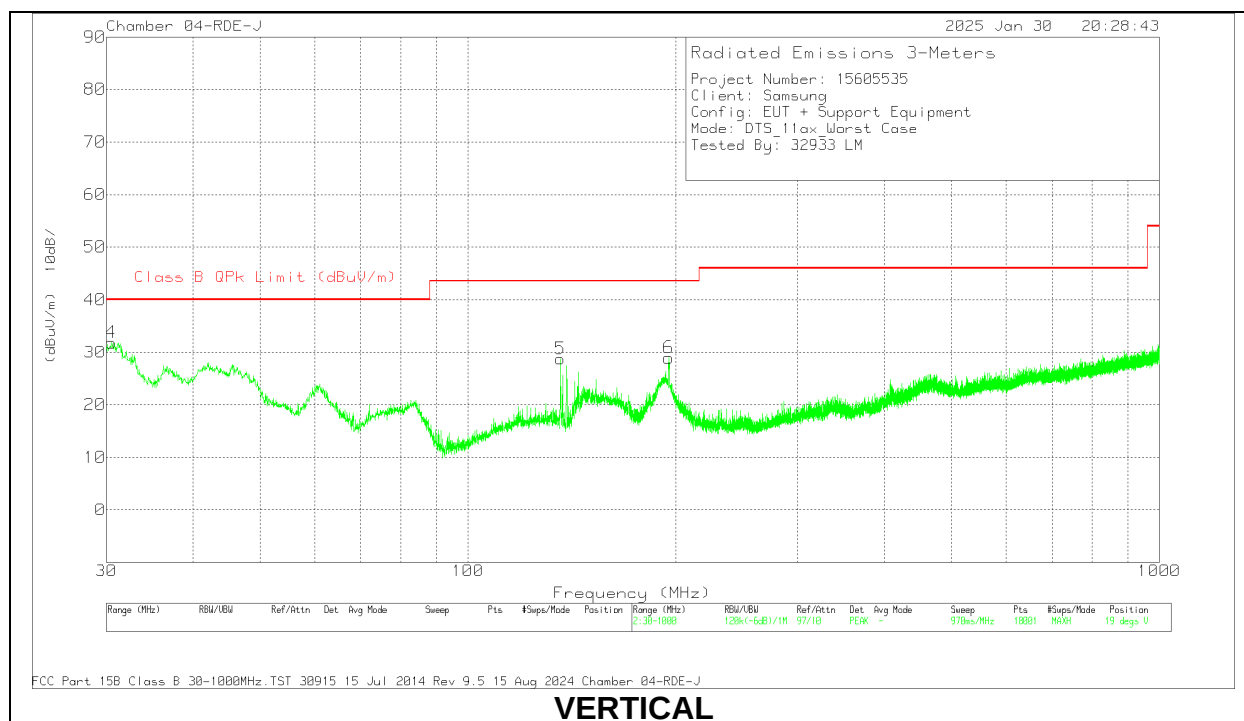
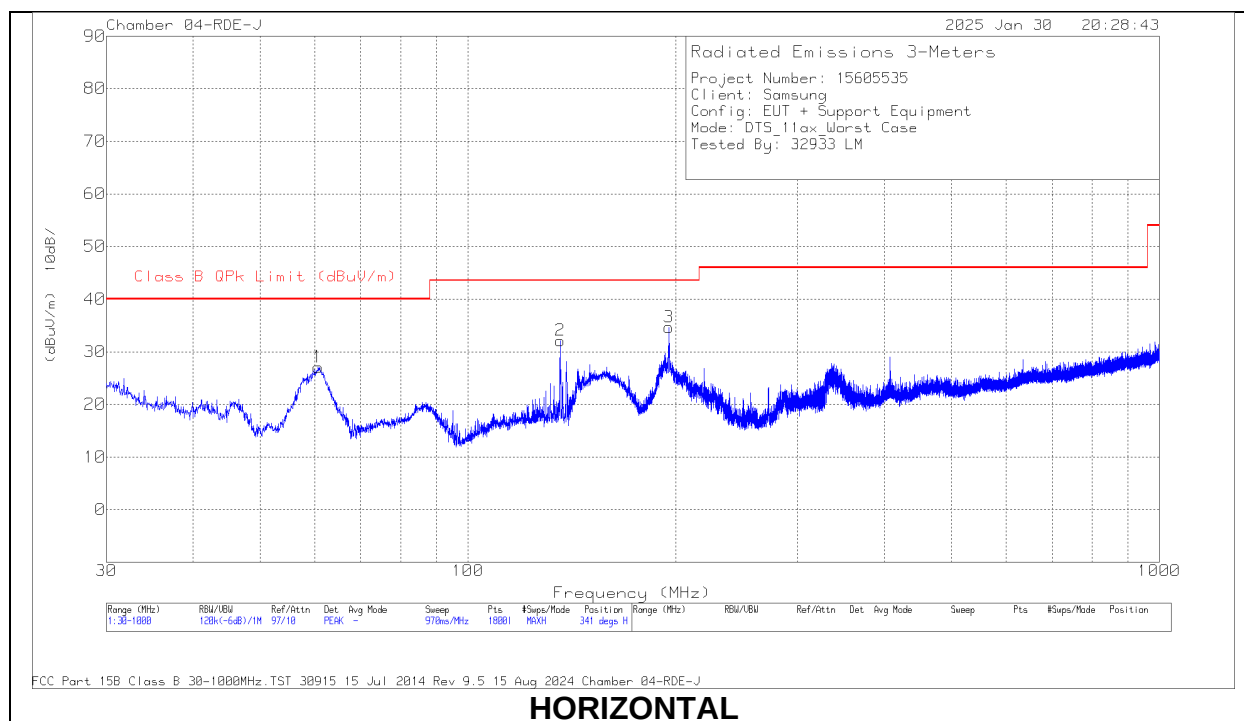
Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	CBL/AMP (dB)	Dist Corr 300m	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Orientation
6	.0093	21.33	Pk	61	-31.4	-80	-29.07	68.18	-97.25	48.18	-77.25	-	-	0-360	Face Off
1	.0094	22.7	Pk	61	-31.4	-80	-27.7	68.16	-95.86	48.16	-75.86	-	-	0-360	Face On
7	.0285	19.07	Pk	58.2	-31.9	-80	-34.63	58.48	-93.11	38.48	-73.11	-	-	0-360	Face Off
2	.0336	25.71	Pk	57.7	-31.9	-80	-28.49	57.06	-85.55	37.06	-65.55	-	-	0-360	Face On
8	.1007	15.51	Pk	55.6	-32.5	-80	-41.39	-	-	-	-	27.55	-68.94	0-360	Face Off
3	.1069	17.91	Pk	55.7	-32.5	-80	-38.89	-	-	-	-	27.04	-65.93	0-360	Face On

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	CBL/AMP (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Orientation
4	1.3769	21.66	Pk	44.8	-32.3	-40	-5.84	24.85	-30.69	0-360	Face On
9	1.3793	22.87	Pk	44.8	-32.3	-40	-4.63	24.84	-29.47	0-360	Face Off
5	17.6912	26.9	Pk	34.3	-31.9	-40	-10.7	29.5	-40.2	0-360	Face On
10	20.4705	33.32	Pk	34.4	-31.8	-40	-4.08	29.5	-33.58	0-360	Face Off

Pk - Peak detector

10.3. Worst Case Below 1 GHz



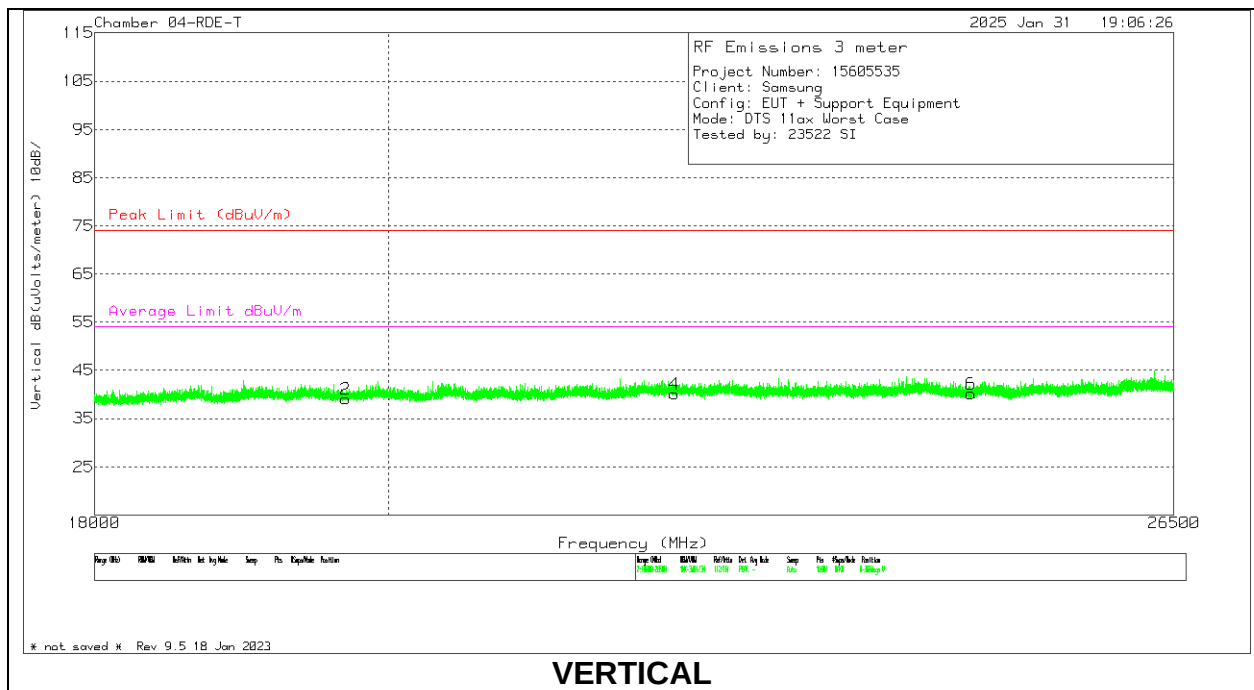
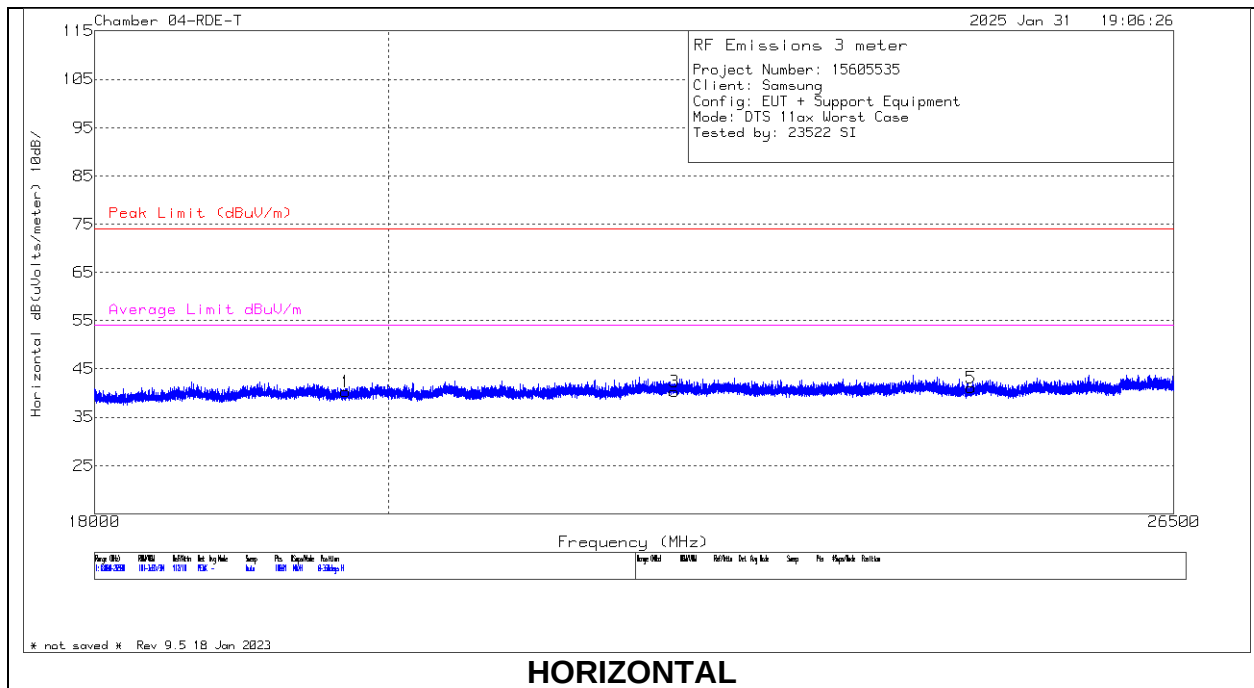
Below 1GHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80293 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	60.7167	45.18	Pk	13.4	-31.5	27.08	40	-12.92	0-360	398	H
2	136.054	43.74	Pk	19.5	-31.1	32.14	43.52	-11.38	0-360	398	H
3	195.278	47.66	Pk	17.8	-30.8	34.66	43.52	-8.86	0-360	101	H
4	30.5616	33.99	Qp	26.3	-31.8	28.49	40	-11.51	297	103	V
5	136.054	40.35	Pk	19.5	-31.1	28.75	43.52	-14.77	0-360	99	V
6	195.116	42.03	Pk	17.7	-30.8	28.93	43.52	-14.59	0-360	99	V

Pk - Peak detector

Qp - Quasi-Peak detector

10.4. Worst Case 18-26 GHz



18 - 26 GHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	199658 ACF (dB/m)	amp/cbl (dB)	Cables (dB)	Corrected Reading dB(μVolts/meter)	Peak Limit (dBuV/m)	PK Margin (dB)	Average Limit dBuV/m	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 19696.221	55.51	Pk	32.6	-61.9	14.1	40.31	74	-33.69	-	-	0-360	101	H
3	* 22157.915	54.42	Pk	33.1	-62.3	15.1	40.32	74	-33.68	-	-	0-360	101	H
2	* 19696.221	54.25	Pk	32.6	-61.9	14.1	39.05	74	-34.95	-	-	0-360	199	V
4	* 22157.915	54.13	Pk	33.1	-62.3	15.1	40.03	74	-33.97	-	-	0-360	101	V
5	24640.386	53.01	Pk	33.8	-61.6	15.9	41.11	74	-32.89	-	-	0-360	101	H
6	24640.386	52.05	Pk	33.8	-61.6	15.9	40.15	74	-33.85	-	-	0-360	199	V

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

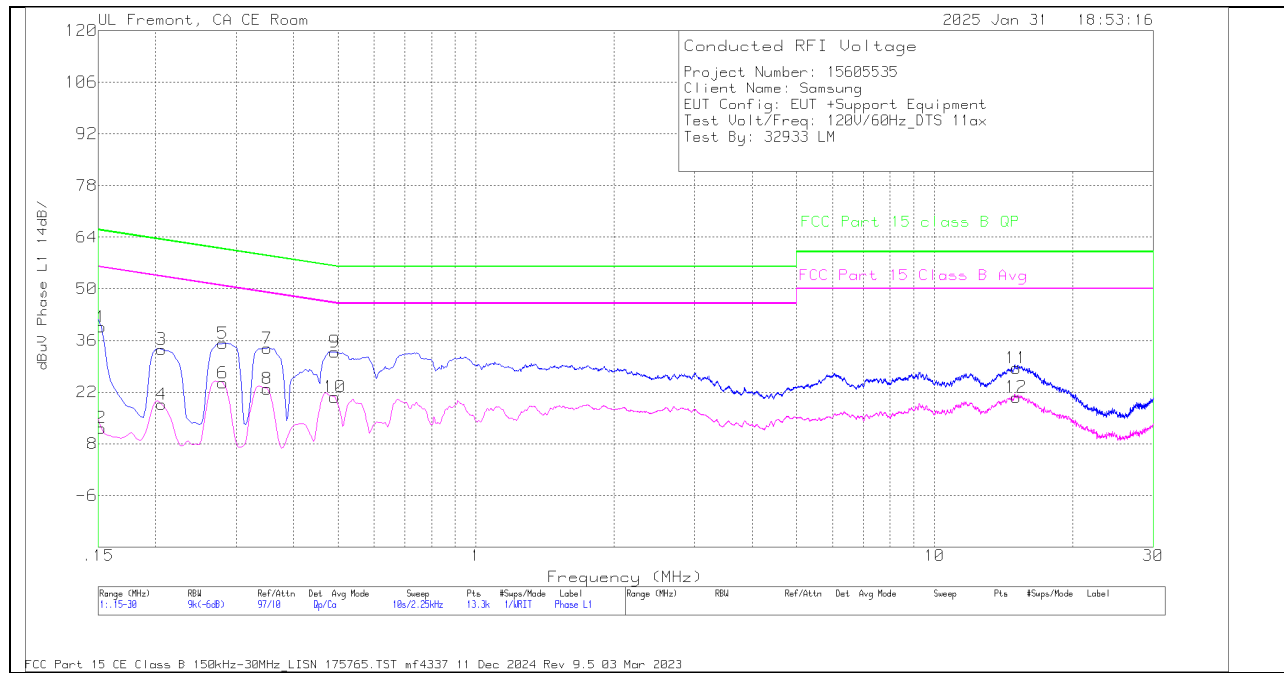
The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

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

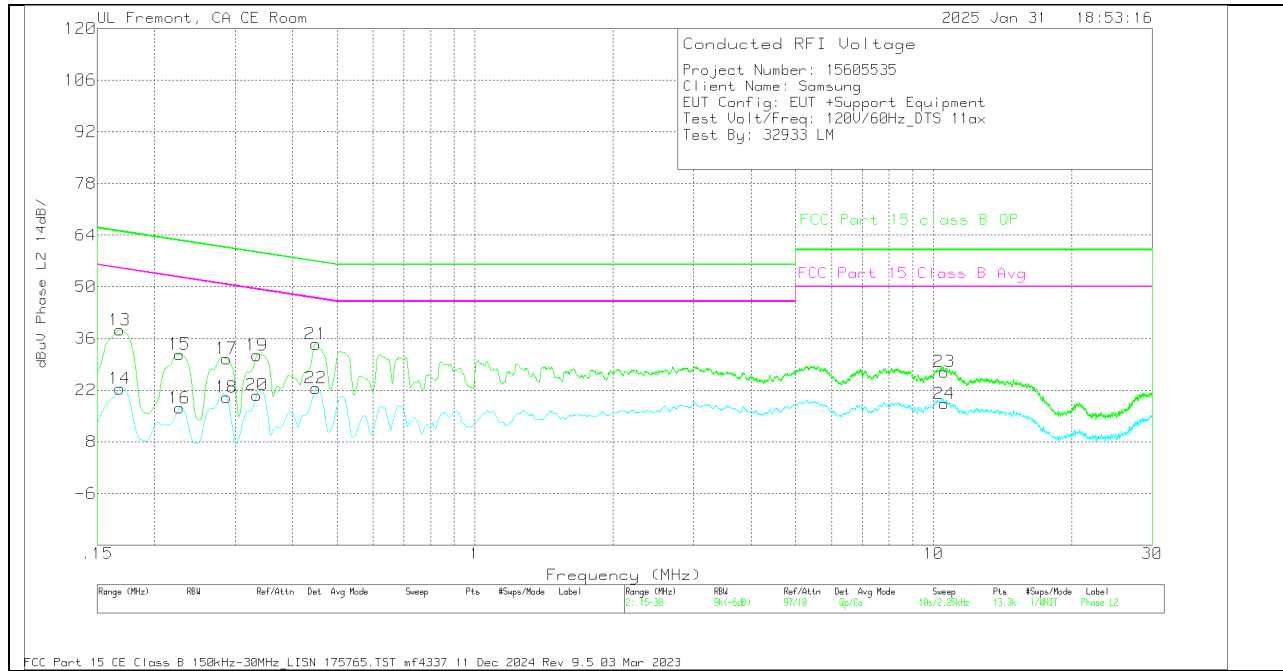
LINE 1



Range 1: Phase L1 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL(dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading dBuV	FCC Part 15 C Avg	Margin (dB)	FCC Part 15 C QP	Margin (dB)
2	.1523	-6.81	Ca	.5	.1	8.5	10	12.29	55.88	-43.59	-	-
4	.2063	.15	Ca	.1	0	8.4	10	18.65	53.35	-34.7	-	-
6	.2805	6.35	Ca	0	0	8.1	10	24.45	50.8	-26.35	-	-
8	.3503	4.88	Ca	-.4	0	8.4	10	22.88	48.96	-26.08	-	-
10	.492	2.67	Ca	-.1	0	8.1	10	20.67	46.13	-25.46	-	-
12	15.072	1.9	Ca	.3	.1	8.3	10	20.6	50	-29.4	-	-
1	.1523	20.53	Qp	.5	.1	8.5	10	39.63	-	-	65.88	-26.25
3	.2063	15.08	Qp	.1	0	8.4	10	33.58	-	-	63.35	-29.77
5	.2805	17.09	Qp	0	0	8.1	10	35.19	-	-	60.8	-25.61
7	.3503	15.82	Qp	-.4	0	8.4	10	33.82	-	-	58.96	-25.14
9	.492	14.88	Qp	-.1	0	8.1	10	32.88	-	-	56.13	-23.25
11	15.072	9.82	Qp	.3	.1	8.3	10	28.52	-	-	60	-31.48

Qp - Quasi-Peak detector
Ca - CISPR average detection

LINE 2



Range 2: Phase L2 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL(dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading dBuV	FCC Part 15 C Avg	Margin (dB)	FCC Part 15 C QP	Margin (dB)
14	.168	3.39	Ca	.4	.1	8.5	10	22.39	55.06	-32.67	-	-
16	.2265	-1.15	Ca	0	0	8.3	10	17.15	52.58	-35.43	-	-
18	.2873	1.96	Ca	0	0	8.1	10	20.06	50.6	-30.54	-	-
20	.3345	2.64	Ca	-.3	0	8.3	10	20.64	49.34	-28.7	-	-
22	.4493	3.43	Ca	.2	0	8.9	10	22.53	46.89	-24.36	-	-
24	10.5518	.33	Ca	0	.1	7.9	10	18.33	50	-31.67	-	-
13	.168	19.27	Qp	.4	.1	8.5	10	38.27	-	-	65.06	-26.79
15	.2265	13.4	Qp	0	0	8.3	10	31.7	-	-	62.58	-30.88
17	.2873	12.41	Qp	0	0	8.1	10	30.51	-	-	60.6	-30.09
19	.3345	13.43	Qp	-.3	0	8.3	10	31.43	-	-	59.34	-27.91
21	.4493	15.39	Qp	.2	0	8.9	10	34.49	-	-	56.89	-22.4
23	10.5518	8.96	Qp	0	.1	7.9	10	26.96	-	-	60	-33.04

Qp - Quasi-Peak detector
Ca - CISPR average detection

12. SETUP PHOTOS

Please refer to 15605535-EP1for setup photos

END OF TEST REPORT