10.8. CONDUCTED SPURIOUS EMISSIONS

LIMITS

FCC §15.247 (d)
RSS-247 5.5

Limit = -20 dBc

TEST PROCEDURE

The transmitter output is connected to a spectrum analyzer. The resolution bandwidth is set to 100 kHz. The video bandwidth is set to 300 kHz.

The spectrum from 30 MHz to 26 GHz is investigated with the transmitter set to the lowest, middle, and highest channels.

The band-edges at 2.4 and 2.4835 GHz are investigated with the transmitter set to the normal hopping mode.

RESULTS

See the following pages.

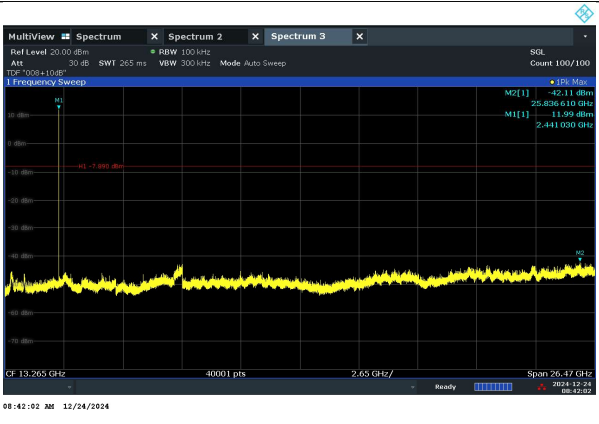
10.8.1. BLUETOOTH BASIC DATA RATE GFSK MODULATION

SPURIOUS EMISSIONS, NON-HOPPING – ANT0

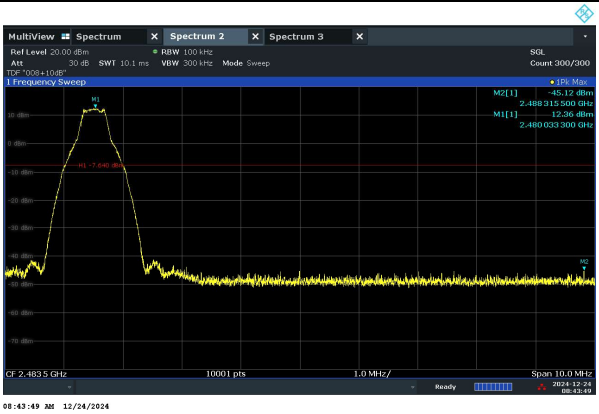
0 CHANNEL BANDEDGE

OUT-OF-BAND 0 CHANNEL

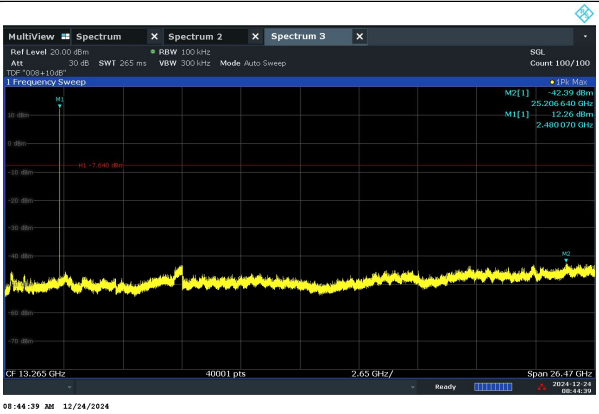
39 CHANNEL REFERENCE



OUT-OF-BAND 39 CHANNEL

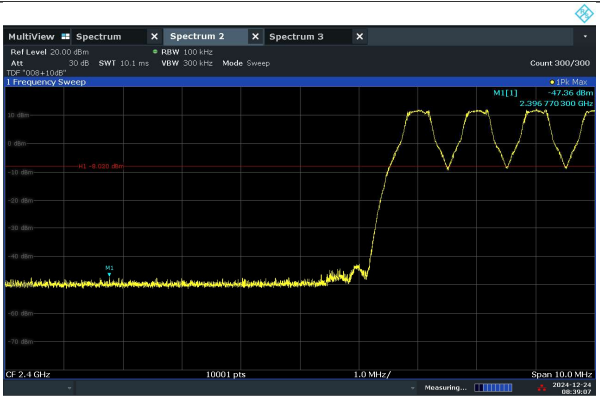


78 CHANNEL BANDEDGE

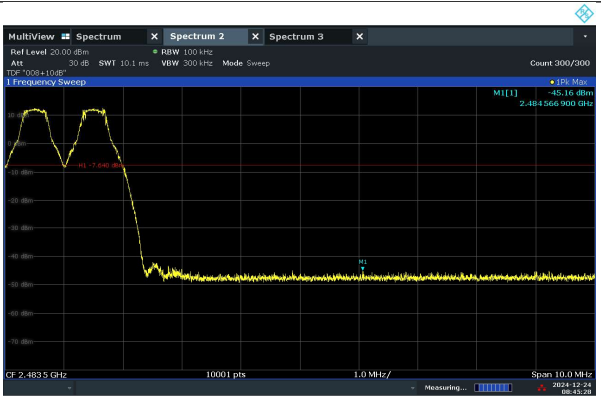


OUT-OF-BAND 78 CHANNEL

SPURIOUS BANDEDGE EMISSIONS WITH HOPPING ON – ANT0

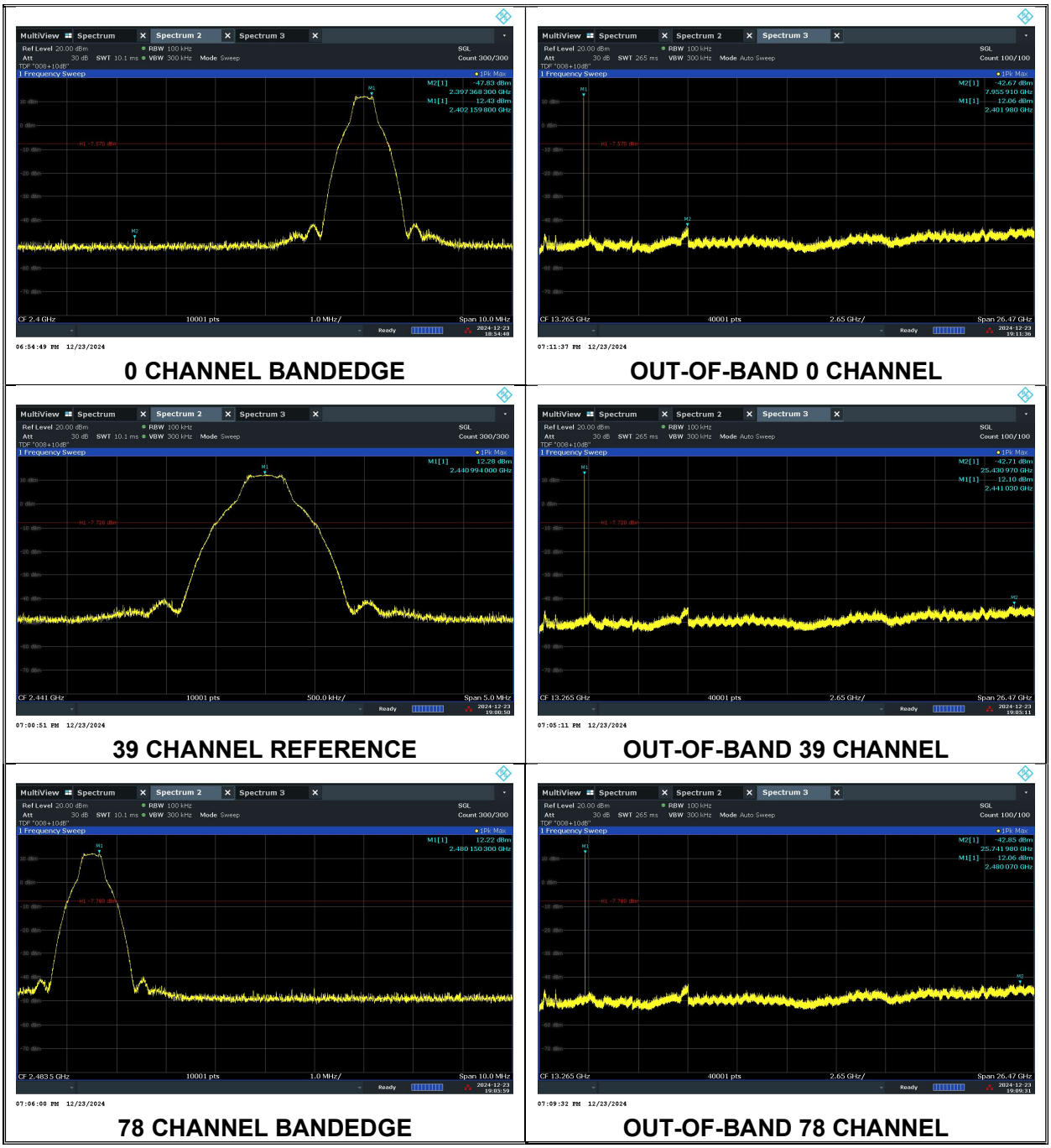


LOW BANDEDGE

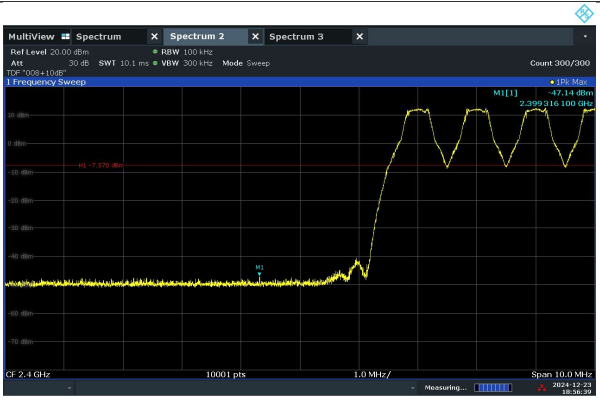


HIGH BANDEDGE

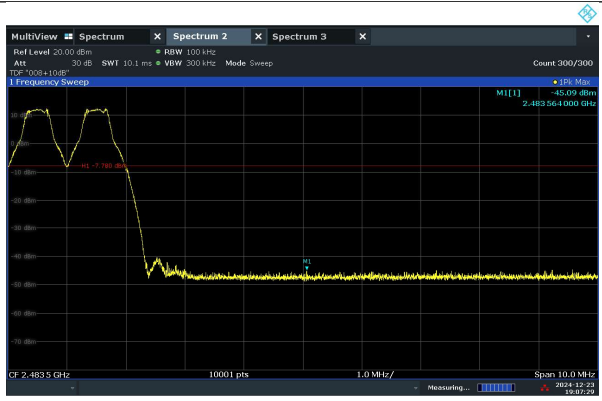
SPURIOUS EMISSIONS, NON-HOPPING – ANT1



SPURIOUS BANDEDGE EMISSIONS WITH HOPPING ON – ANT1



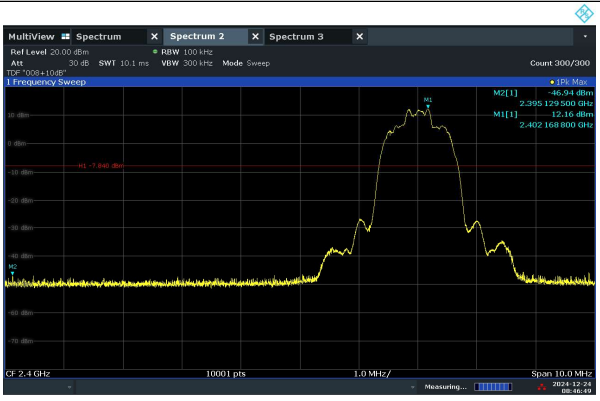
LOW BANDEDGE



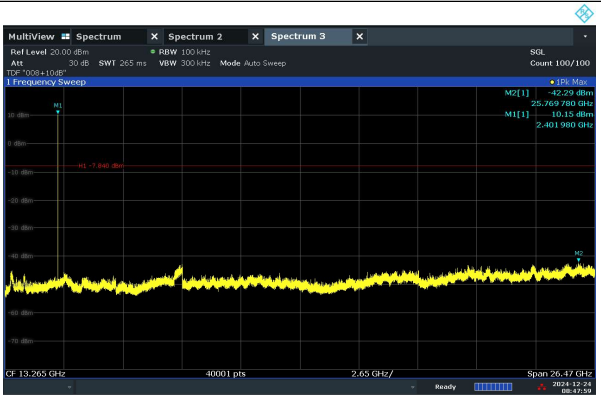
HIGH BANDEDGE

10.8.2. BLUETOOTH ENHANCED DATA RATE 8PSK MODULATION

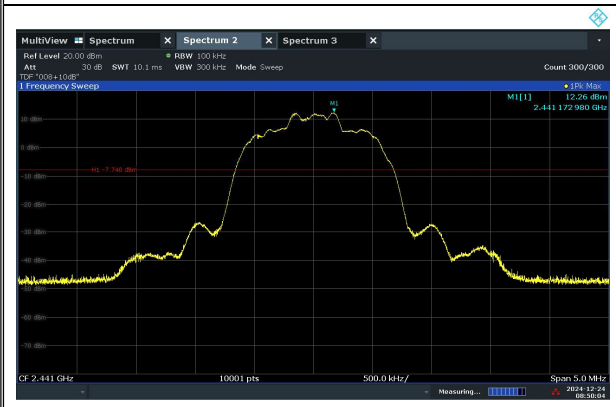
SPURIOUS EMISSIONS, NON-HOPPING – ANT0



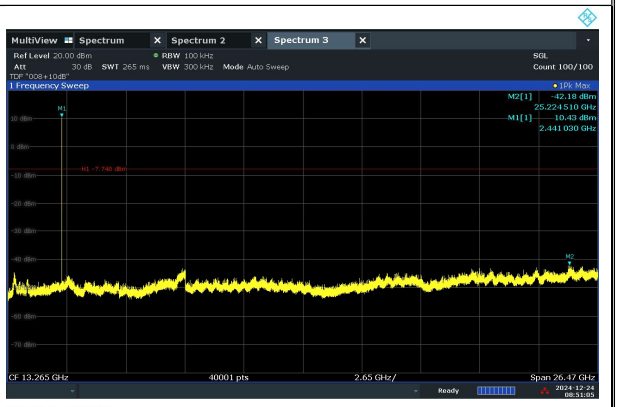
0 CHANNEL BANDEDGE



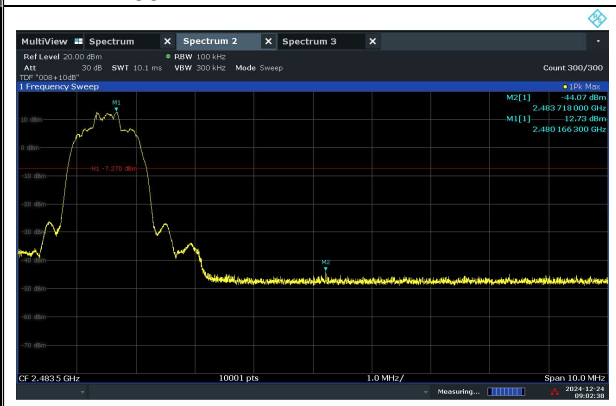
OUT-OF-BAND 0 CHANNEL



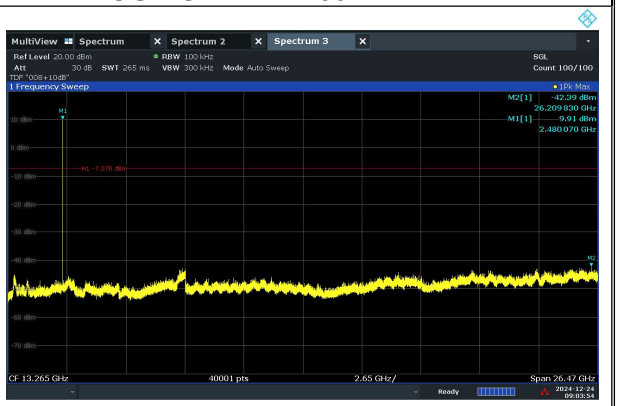
39 CHANNEL REFERENCE



OUT-OF-BAND 39 CHANNEL



78 CHANNEL BANDEDGE



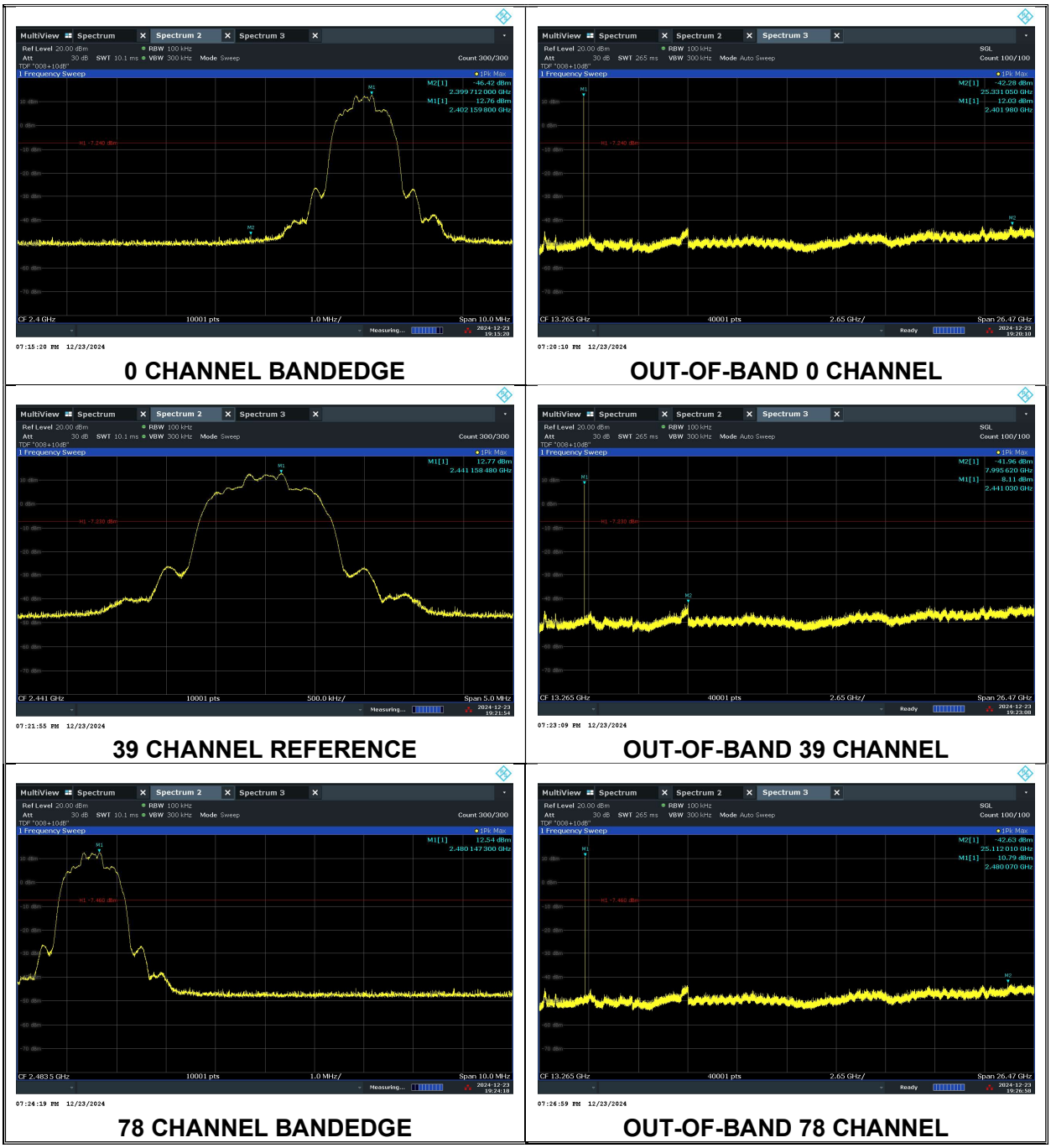
OUT-OF-BAND 78 CHANNEL

SPURIOUS BANDEDGE EMISSIONS WITH HOPPING ON – ANT0

LOW BANDEDGE

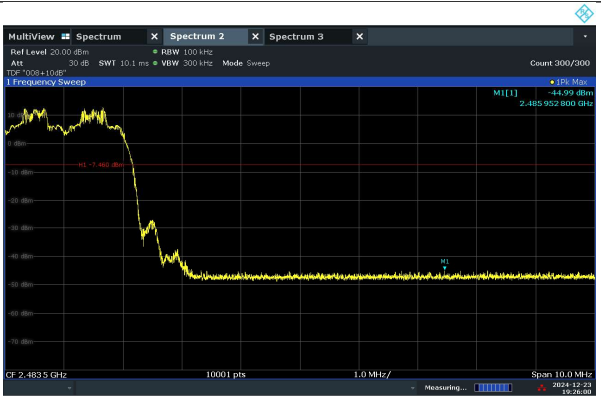
HIGH BANDEDGE

SPURIOUS EMISSIONS, NON-HOPPING – ANT1



SPURIOUS BANDEDGE EMISSIONS WITH HOPPING ON – ANT1

LOW BANDEDGE



HIGH BANDEDGE

11. RADIATED TEST RESULTS

LIMITS

IC RSS-GEN (8.9) & (8.10) / FCC §15.205 and §15.209

Limits for radiated disturbance of an intentional radiator		
Frequency range (MHz)	Limits (μV/m)	Measurement Distance (m)
0.009 – 0.490	2400 / F (kHz)	300
0.490 – 1.705	24000 / F (kHz)	30
1.705 – 30.0	30	30
30 – 88	100**	3
88 - 216	150**	3
216 – 960	200**	3
Above 960	500	3

** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g. §§ 15.231 and 15.241.

RSS-Gen (8.9)

Frequency (MHz)	Field strength (μV/m at 3 m)
30 – 88	100
88 – 216	150
216 – 960	200
Above 960	500

Frequency (MHz)	Magnetic field strength (H-Field) (μA/m)	Measurement Distance (m)
0.009–0.490 Note 1	6.37/F (F in kHz)	300
0.490–1.705	63.7/F (F in kHz)	30
1.705–30.0	0.08	30
Note 1: The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.		

Note: The limits in CFR 47, Part 15, Subpart C, paragraph 15.209(a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377Ω. For example, the measurement frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to Y-51.5 = Z dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

RSS-Gen (8.10) / FCC Part 15.205 (a): Restricted frequency bands

MHz	MHz	MHz	MHz	GHz	GHz
0.009 ~ 0.110	8.41425 ~ 8.41475	108 ~ 121.94	1300 ~ 1427	4.5 ~ 5.15	14.47 ~ 14.5
0.495 ~ 0.505	12.29 ~ 12.293	123 ~ 138	1435 ~ 1626.5	5.35 ~ 5.46	15.35 ~ 16.2
2.1735 ~ 2.1905	12.51975 ~ 12.52025	149.9 ~ 150.05	1645.5 ~ 1646.5	7.25 ~ 7.75	17.7 ~ 21.4
4.125 ~ 4.128	12.57675 ~ 12.57725	156.52475 ~	1660 ~ 1710	8.025 ~ 8.5	22.01 ~ 23.12
4.17725 ~ 4.17775	13.36 ~ 13.41	156.52525	1718.8 ~ 1722.2	9.0 ~ 9.2	23.6 ~ 24.0
4.20725 ~ 4.20775	16.42 ~ 16.423	156.7 ~ 156.9	2200 ~ 2300	9.3 ~ 9.5	31.2 ~ 31.8
6.215 ~ 6.218	16.69475 ~ 16.69525	162.0125 ~	2310 ~ 2390	10.6 ~ 12.7	36.43 ~ 36.5
6.26775 ~ 6.26825	16.80425 ~ 16.80475	167.17	2483.5 ~ 2500	13.25 ~ 13.4	Above 38.6
6.31175 ~ 6.31225	25.5 ~ 25.67	167.72 ~ 173.2	2655 ~ 2900		
8.291 ~ 8.294	37.5 ~ 38.25	240 ~ 285	3260 ~ 3267		
8.362 ~ 8.366	73 ~ 74.6	322 ~ 335.4	3332 ~ 3339		
8.37625 ~ 8.38675	74.8 ~ 75.2	399.90 ~ 410	3345.8 ~ 3358		
		608 ~ 614	3600 ~ 4400		
		960 ~ 1240			

▪ RSS-Gen 8.10 : Certain frequency bands listed in table 7 and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSSs.
▪ FCC Part 15.205(b) : The field strength of emissions appearing within these frequency bands shall not exceed the limits shown in §15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in §15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in §15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in §15.35 apply to these measurements.

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for below 1GHz and 150 cm for above 1GHz. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements. (Pre-scans to detect harmonic and spurious emissions, the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 kHz for peak measurements.)

For band edge measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1/T (on time) for average measurement.

GFSK = 1/T = 1 / 0.00288s = 348Hz.

The minimum VBW was 348Hz, but test receiver(ESU40) couldn't set value 348Hz. Due to this reason, testing VBW was set to 500Hz(Worst cases).

The spectrum from 1GHz to 26 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in the 2.4 GHz band.
(From 30MHz to 1GHz, test was performed with the EUT set to transmit at the channel with highest output power)

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

Note : Emission was pre-scanned from 9kHz to 30MHz; No emissions were detected which was at least 20dB below the specification limit (consider distance correction factor).
Per FCC part 15.31(o), test results were not reported.

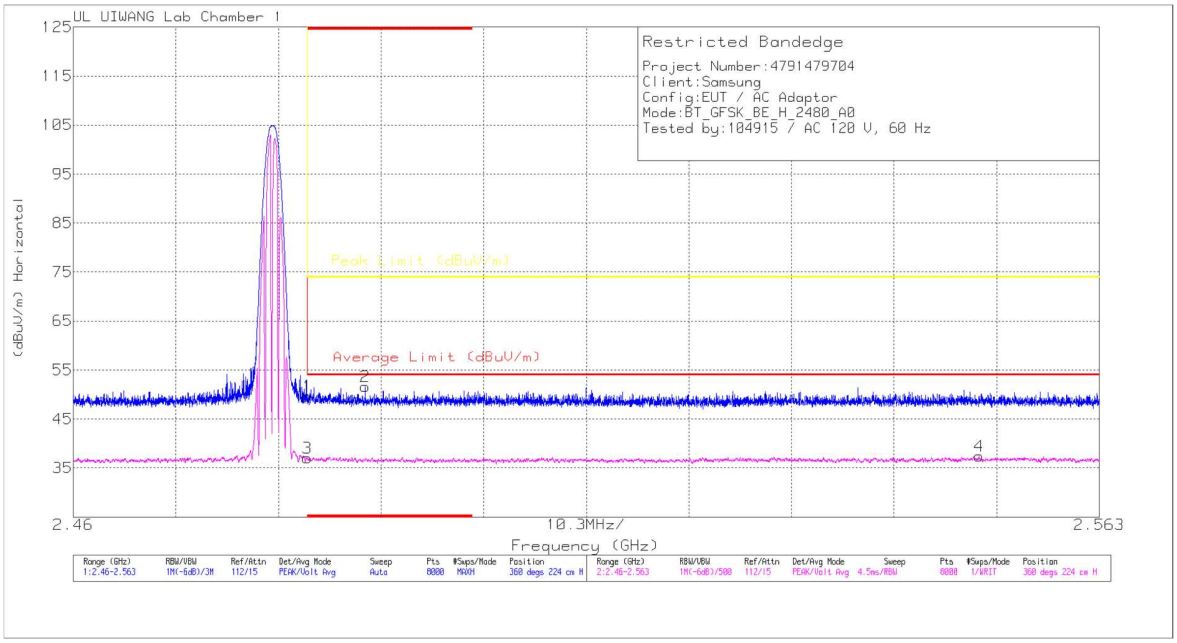
Although these tests were performed other than open field test site, adequate comparison measurements were confirmed against 30 m open are test site.
Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the one of tests made in an open field based on KDB 414788.

11.1. TRANSMITTER ABOVE 1 GHz

11.1.1. BLUETOOTH BASIC DATA RATE GFSK MODULATION

BANDEDGE(WORST CASE: 2480 MHz, ANT 0)

HORIZONTAL RESULT

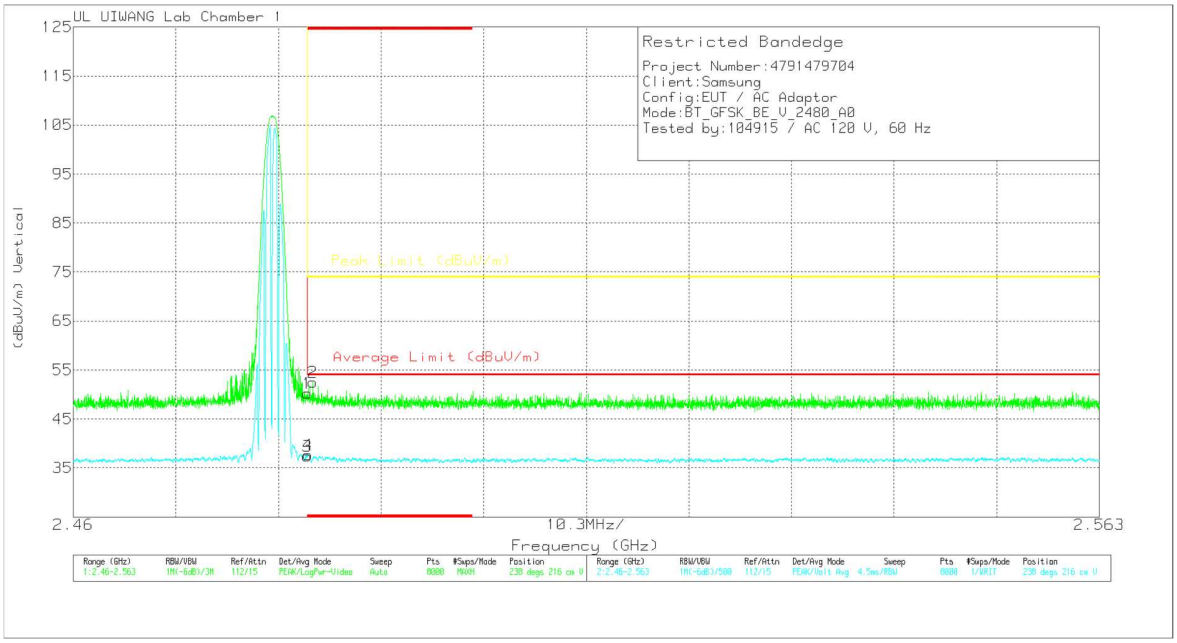


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	CH2_AF_1-18G_3117_24 0920 (dB/m)	FB2_PL_1-18G_10dB_24 0409 (dB)	CH2_CL_1-40G_Thru_24 0617 (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	44.84	Pk	32.2	-34.1	6.7	49.64	-	-	74	-24.36	360	224	H
2	* 2.4893	46.82	Pk	32.2	-34.1	6.7	51.62	-	-	74	-22.38	360	224	H
3	* 2.4835	32.25	VA1T	32.2	-34.1	6.7	37.05	54	-16.95	-	-	360	224	H
4	2.55094	32.23	VA1T	32.2	-33.9	6.9	37.43	54	-16.57	-	-	360	224	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	CH2_AF_1-18G_3117_24 0920 (dB/m)	FB2_PL_1-18G_10dB_24 0409 (dB)	CH2_CL_1-40G_Thru_24 0617 (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	45.45	Pk	32.2	-34.1	6.7	50.25	-	-	74	-23.75	238	216	V
2	* 2.48405	47.73	Pk	32.2	-34.1	6.7	52.53	-	-	74	-21.47	238	216	V
3	* 2.4835	32.67	VA1T	32.2	-34.1	6.7	37.47	54	-16.53	-	-	238	216	V
4	* 2.48354	32.89	VA1T	32.2	-34.1	6.7	37.69	54	-16.31	-	-	238	216	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

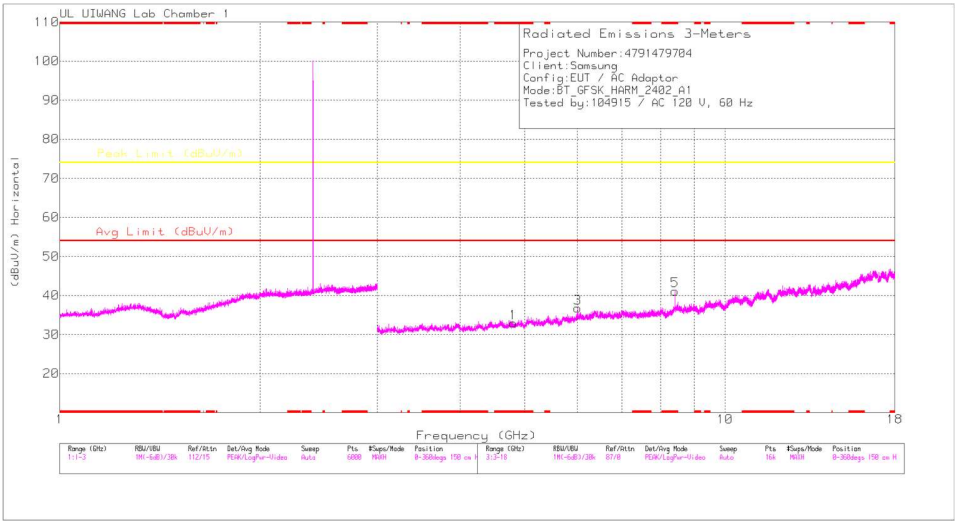
BANDEDGE TEST DATA

Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBuV]	Detector Mode	ANT Factor [dB/m]	FB Gain [dB]	Loss [dB]	Result [dBuV/m]	AV Limit [dBuV/m]	AV Margin [dB]	PK Limit [dBuV/m]	PK Margin [dB]	Azimuth [Degs]	Height [cm]	Polarity
2402	ANT0	* 2.39	43.61	Pk	31.90	-34.10	6.60	48.01	-	-	74.00	-25.99	5	235	H
		* 2.38165	46.36	Pk	31.80	-34.00	6.60	50.76	-	-	74.00	-23.24	5	235	H
		* 2.39	32.07	VA1T	31.90	-34.10	6.60	36.47	54.00	-17.53	-	-	5	235	H
		* 2.37936	32.90	VA1T	31.80	-34.00	6.60	37.30	54.00	-16.70	-	-	5	235	H
		* 2.39	43.64	Pk	31.90	-34.10	6.60	48.04	-	-	74.00	-25.96	240	225	V
		* 2.3646	46.55	Pk	31.80	-34.00	6.60	50.95	-	-	74.00	-23.05	240	225	V
		* 2.39	31.61	VA1T	31.90	-34.10	6.60	36.01	54.00	-17.99	-	-	240	225	V
		* 2.37604	31.88	VA1T	31.80	-34.00	6.60	36.28	54.00	-17.72	-	-	240	225	V
2480	ANT0	* 2.4835	44.84	Pk	32.20	-34.10	6.70	49.64	-	-	74.00	-24.36	360	224	H
		* 2.4893	46.82	Pk	32.20	-34.10	6.70	51.62	-	-	74.00	-22.38	360	224	H
		* 2.4835	32.25	VA1T	32.20	-34.10	6.70	37.05	54.00	-16.95	-	-	360	224	H
		2.551	32.23	VA1T	32.20	-33.90	6.90	37.43	54.00	-16.57	-	-	360	224	H
		* 2.4835	45.45	Pk	32.20	-34.10	6.70	50.25	-	-	74.00	-23.75	238	216	V
		* 2.48405	47.73	Pk	32.20	-34.10	6.70	52.53	-	-	74.00	**-21.47**	238	216	V
		* 2.4835	32.67	VA1T	32.20	-34.10	6.70	37.47	54.00	-16.53	-	-	238	216	V
		* 2.48354	32.89	VA1T	32.20	-34.10	6.70	37.69	54.00	**-16.31**	-	-	238	216	V
2402	ANT1	* 2.39	43.97	Pk	31.90	-34.10	6.60	48.37	-	-	74.00	-25.63	19	129	H
		* 2.38534	46.55	Pk	31.90	-34.10	6.60	50.95	-	-	74.00	-23.05	19	129	H
		* 2.39	31.59	VA1T	31.90	-34.10	6.60	35.99	54.00	-18.01	-	-	19	129	H
		* 2.3704	31.91	VA1T	31.80	-34.00	6.60	36.31	54.00	-17.69	-	-	19	129	H
		* 2.39	43.49	Pk	31.90	-34.10	6.60	47.89	-	-	74.00	-26.11	60	117	V
		* 2.38007	46.59	Pk	31.80	-34.00	6.60	50.99	-	-	74.00	-23.01	60	117	V
		* 2.39	31.25	VA1T	31.90	-34.10	6.60	35.65	54.00	-18.35	-	-	60	117	V
		* 2.37161	32.06	VA1T	31.80	-34.00	6.60	36.46	54.00	-17.54	-	-	60	117	V
2480	ANT1	* 2.4835	43.98	Pk	32.20	-34.10	6.70	48.78	-	-	74.00	-25.22	24	120	H
		* 2.49645	46.69	Pk	32.20	-34.00	6.80	51.69	-	-	74.00	**-22.31**	24	120	H
		* 2.4835	31.80	VA1T	32.20	-34.10	6.70	36.60	54.00	-17.40	-	-	24	120	H
		2.557	32.20	VA1T	32.20	-34.00	6.90	37.30	54.00	-16.70	-	-	24	120	H
		* 2.4835	43.71	Pk	32.20	-34.10	6.70	48.51	-	-	74.00	-25.49	57	110	V
		2.536	46.46	Pk	32.20	-34.00	6.80	51.46	-	-	74.00	-22.54	57	110	V
		* 2.4835	31.76	VA1T	32.20	-34.10	6.70	36.56	54.00	-17.44	-	-	57	110	V
		2.552	32.13	VA1T	32.20	-33.90	6.90	37.33	54.00	**-16.67**	-	-	57	110	V

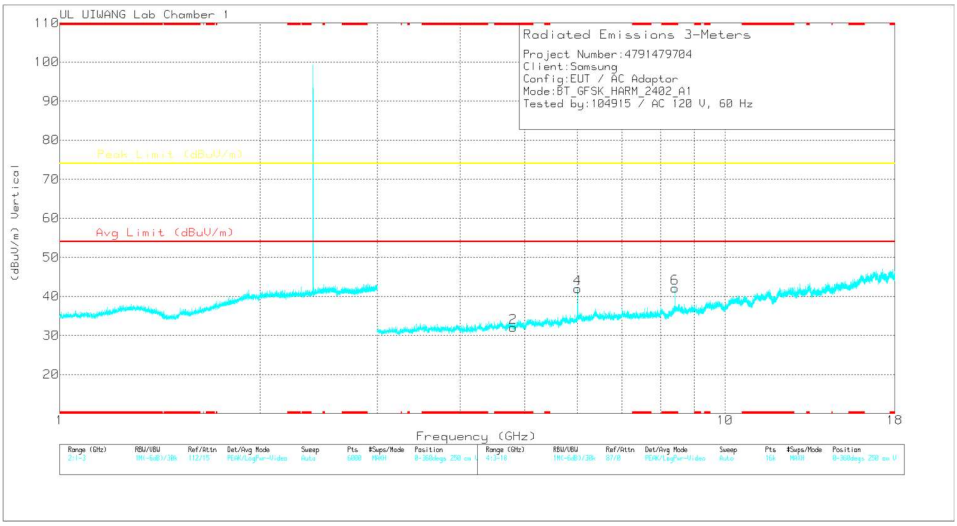
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

HARMONICS AND SPURIOUS EMISSIONS(WORST CASE: 2402 MHz, ANT 1)

HORIZONTAL



VERTICAL



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	CH2_AF_1-18G_3117_240 920(dB/m)	FB2_PL_1-18G_3GHP_24 0409(dB)	CH2_CL_1-40G_Thru_240 617(dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.80547	40.2	PKFH	33.9	-42.6	9.7	41.2	-	-	74	-32.8	253	100	H
* 4.8005	39.84	PKFH	33.9	-42.7	9.7	40.74	-	-	74	-33.26	124	100	V
6.00285	39.28	PKFH	35.2	-41.6	10.7	43.58	-	-	74	-30.42	124	117	H
6.00454	38.65	PKFH	35.2	-41.6	10.7	42.95	-	-	74	-31.05	85	314	V
* 8.40719	38.39	PKFH	35.8	-39.8	12.8	47.19	-	-	74	-26.81	130	106	H
* 8.4071	30.86	VA1T	35.8	-39.8	12.8	39.66	54	-14.34	-	-	130	106	H
* 8.40706	39.07	PKFH	35.8	-39.8	12.8	47.87	-	-	74	-26.13	81	110	V
* 8.40703	28.58	VA1T	35.8	-39.8	12.8	37.38	54	-16.62	-	-	81	110	V

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

HARMONICS AND SPURIOUS EMISSIONS TEST DATA

Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBuV]	Detector Mode	ANT Factor [dB/m]	FB Gain [dB]	Loss [dB]	Result [dBuV/m]	AV Limit [dBuV/m]	AV Margin [dB]	PK Limit [dBuV/m]	PK Margin [dB]	Azimuth [Degs]	Height [cm]	Polarity
2402	ANT0	* 4.80101	40.20	PKFH	33.90	-42.70	9.70	41.10	-	-	74.00	-32.90	241	100	H
		* 4.80347	39.81	PKFH	33.90	-42.70	9.70	40.71	-	-	74.00	-33.29	163	100	V
		6.405	38.58	PKFH	35.50	-40.70	11.10	44.48	-	-	74.00	-29.52	123	388	H
		6.405	39.18	PKFH	35.50	-40.70	11.10	45.08	-	-	74.00	-28.92	20	188	V
		7.211	36.83	PKFH	35.70	-40.90	11.60	43.23	-	-	74.00	-30.77	103	100	H
		7.204	36.95	PKFH	35.70	-40.90	11.60	43.35	-	-	74.00	-30.65	8	100	V
		9.611	35.17	PKFH	36.70	-39.30	13.60	46.17	-	-	74.00	-27.83	52	100	H
		9.607	34.65	PKFH	36.70	-39.30	13.60	45.65	-	-	74.00	-28.35	95	100	V
2441	ANT0	* 4.88066	39.51	PKFH	33.90	-42.40	9.70	40.71	-	-	74.00	-33.29	343	100	H
		* 4.87765	39.98	PKFH	33.90	-42.40	9.70	41.18	-	-	74.00	-32.82	9	100	V
		6.510	38.91	PKFH	35.60	-41.30	11.10	44.31	-	-	74.00	-29.69	123	100	H
		6.509	38.60	PKFH	35.60	-41.30	11.10	44.00	-	-	74.00	-30.00	23	199	V
		* 7.32343	37.03	PKFH	35.60	-40.40	11.70	43.93	-	-	74.00	-30.07	97	100	H
		* 7.32152	37.70	PKFH	35.60	-40.40	11.70	44.60	-	-	74.00	-29.40	1	100	V
		9.761	33.93	PKFH	36.80	-38.20	13.60	46.13	-	-	74.00	-27.87	55	100	H
		9.762	34.18	PKFH	36.80	-38.20	13.60	46.38	-	-	74.00	**-27.62**	246	100	V
2480	ANT0	* 4.96278	39.79	PKFH	33.90	-42.60	9.80	40.89	-	-	74.00	-33.11	233	100	H
		* 4.96378	40.19	PKFH	33.90	-42.50	9.80	41.39	-	-	74.00	-32.61	117	100	V
		6.613	38.58	PKFH	35.60	-41.20	11.10	44.08	-	-	74.00	-29.92	124	101	H
		6.614	39.06	PKFH	35.60	-41.20	11.10	44.56	-	-	74.00	-29.44	28	186	V
		* 7.44103	36.43	PKFH	35.70	-40.60	11.80	43.33	-	-	74.00	-30.67	57	101	H
		* 7.43898	36.76	PKFH	35.70	-40.60	11.80	43.66	-	-	74.00	-30.34	6	100	V
		9.917	33.37	PKFH	36.90	-38.50	13.90	45.67	-	-	74.00	-28.33	68	100	H
		9.924	33.46	PKFH	36.90	-38.60	13.90	45.66	-	-	74.00	-28.34	8	100	V
2402	ANT1	* 4.80547	40.20	PKFH	33.90	-42.60	9.70	41.20	-	-	74.00	-32.80	253	100	H
		* 4.8005	39.84	PKFH	33.90	-42.70	9.70	40.74	-	-	74.00	-33.26	124	100	V
		6.003	39.28	PKFH	35.20	-41.60	10.70	43.58	-	-	74.00	-30.42	124	117	H
		6.005	38.65	PKFH	35.20	-41.60	10.70	42.95	-	-	74.00	-31.05	85	314	V
		* 8.40719	38.39	PKFH	35.80	-39.80	12.80	47.19	-	-	74.00	-26.81	130	106	H
		* 8.4071	30.86	VA1T	35.80	-39.80	12.80	39.66	54.00	**-14.34**	-	-	130	106	H
		* 8.40706	39.07	PKFH	35.80	-39.80	12.80	47.87	-	-	74.00	**-26.13**	81	110	V
		* 8.40703	28.58	VA1T	35.80	-39.80	12.80	37.38	54.00	-16.62	-	-	81	110	V
2441	ANT1	* 4.88083	40.41	PKFH	33.90	-42.40	9.70	41.61	-	-	74.00	-32.39	59	100	H
		* 4.88278	40.05	PKFH	33.90	-42.40	9.70	41.25	-	-	74.00	-32.75	331	100	V
		6.099	38.15	PKFH	35.30	-41.40	10.80	42.85	-	-	74.00	-31.15	301	200	H
		6.100	37.61	PKFH	35.30	-41.40	10.80	42.31	-	-	74.00	-31.69	59	237	V
		8.544	38.09	PKFH	35.80	-39.50	12.80	47.19	-	-	74.00	-26.81	133	101	H
		8.543	37.37	PKFH	35.80	-39.50	12.80	46.47	-	-	74.00	-27.53	84	111	V
2480	ANT1	* 4.96373	39.79	PKFH	33.90	-42.50	9.80	40.99	-	-	74.00	-33.01	70	100	H
		* 4.9575	40.92	PKFH	33.90	-42.60	9.80	42.02	-	-	74.00	-31.98	235	100	V
		6.202	38.75	PKFH	35.30	-41.50	10.80	43.35	-	-	74.00	-30.65	123	191	H
		6.200	38.68	PKFH	35.30	-41.50	10.80	43.28	-	-	74.00	-30.72	48	300	V
		8.680	37.37	PKFH	35.70	-39.30	12.80	46.57	-	-	74.00	-27.43	128	111	H
		8.680	37.85	PKFH	35.70	-39.30	12.80	47.05	-	-	74.00	-26.95	130	209	V

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

UL Korea, Ltd. Uiwang Laboratory FORM ID: FCC_15C(05)
42, Obongsandan 1-ro, Uiwang-si, Gyeonggi-do, Republic of Korea TEL: (031) 389-9603 FAX: (031) 462-8355