	measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane. 3. Set to the maximum power setting and enable the EUT transmit continuously. 4. Use the following spectrum analyzer settings: (1) Span shall wide enough to fully capture the emission being measured; (2) Set RBW=100 kHz for f < 1 GHz, RBW=1MHz for f>1GHz ; VBW≥RBW; Sweep = auto; Detector function = peak; Trace = max hold for peak (3) For average measurement: use duty cycle correction factor method per 15.35(c). Duty cycle = On time/100 milliseconds On time =N1*L1+N2*L2+...+Nn-1*LNn-1+Nn*Ln Where N1 is number of type 1 pulses, L1 is length of type 1 pulses, etc. Average Emission Level = Peak Emission Level + 20*log(Duty cycle) Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
Test results:	PASS

Note 1: The symbol of "--" in the table which means not application.

Note 2: For the test data above 1 GHz，According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

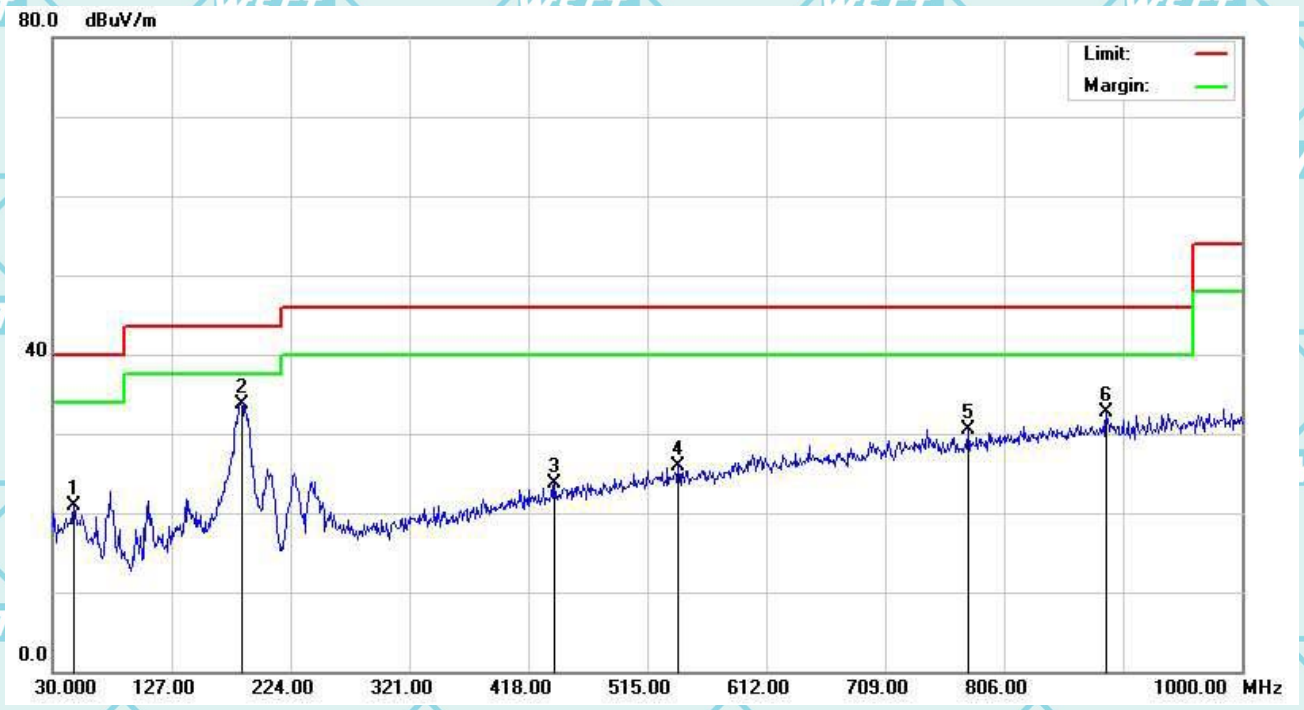
Note 4: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

6.11.2. Test Data

Please refer to following diagram for individual

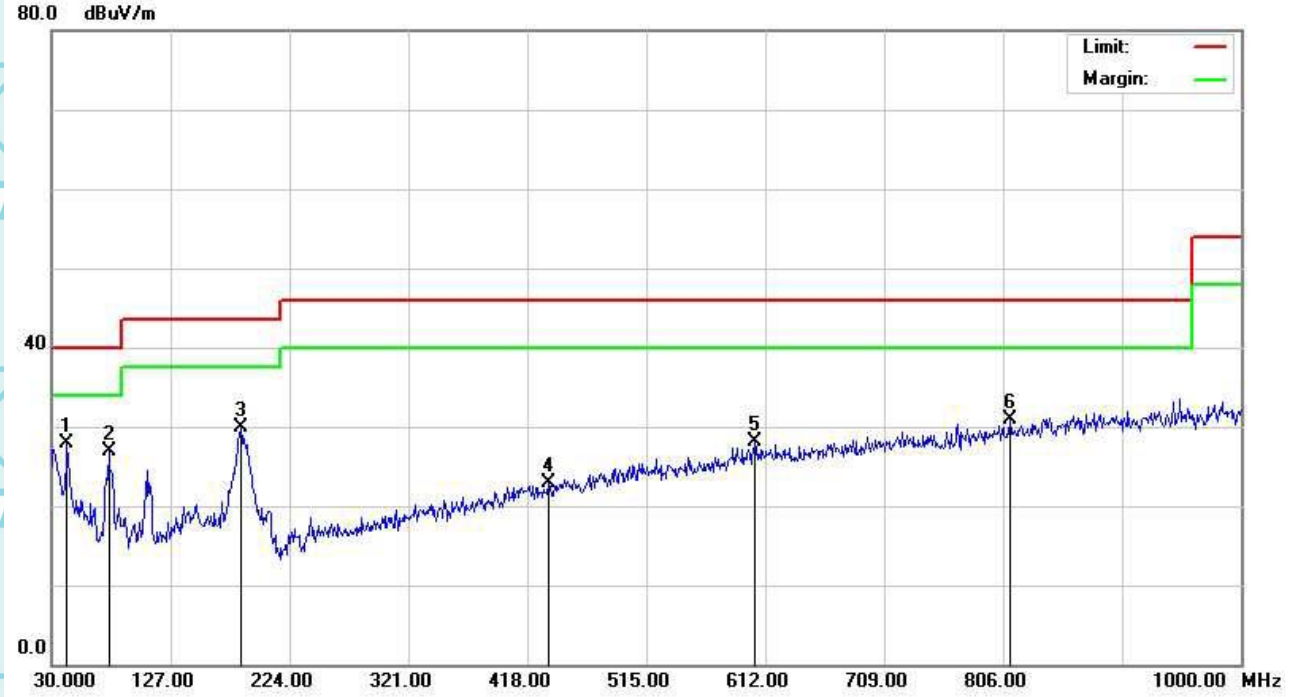
Below 1GHz

Horizontal:



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		47.4600	28.62	-7.67	20.95	40.00	-19.05	QP
2	*	184.2300	43.27	-9.47	33.80	43.50	-9.70	QP
3		439.3400	26.20	-2.41	23.79	46.00	-22.21	QP
4		540.2199	26.28	-0.35	25.93	46.00	-20.07	QP
5		776.9000	26.29	4.29	30.58	46.00	-15.42	QP
6		889.4200	26.07	6.55	32.62	46.00	-13.38	QP

Vertical:



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	42.6100	48.37	-20.51	27.86	40.00	-12.14	QP
2		76.5600	47.23	-20.23	27.00	40.00	-13.00	QP
3		184.2300	49.60	-19.75	29.85	43.50	-13.65	QP
4		435.4600	41.57	-18.58	22.99	46.00	-23.01	QP
5		603.2700	45.79	-17.72	28.07	46.00	-17.93	QP
6		811.8200	47.48	-16.59	30.89	46.00	-15.11	QP

Note1:
Freq. = Emission frequency in MHz
Reading level (dBμV) = Receiver reading
Corr. Factor (dB) = Antenna factor + Cable loss - Amplifier factor.
Measurement (dBμV) = Reading level (dBμV) + Corr. Factor (dB)
Limit (dBμV) = Limit stated in standard
Margin (dB) = Measurement (dBμV) – Limits (dBμV)

Above 1GHz

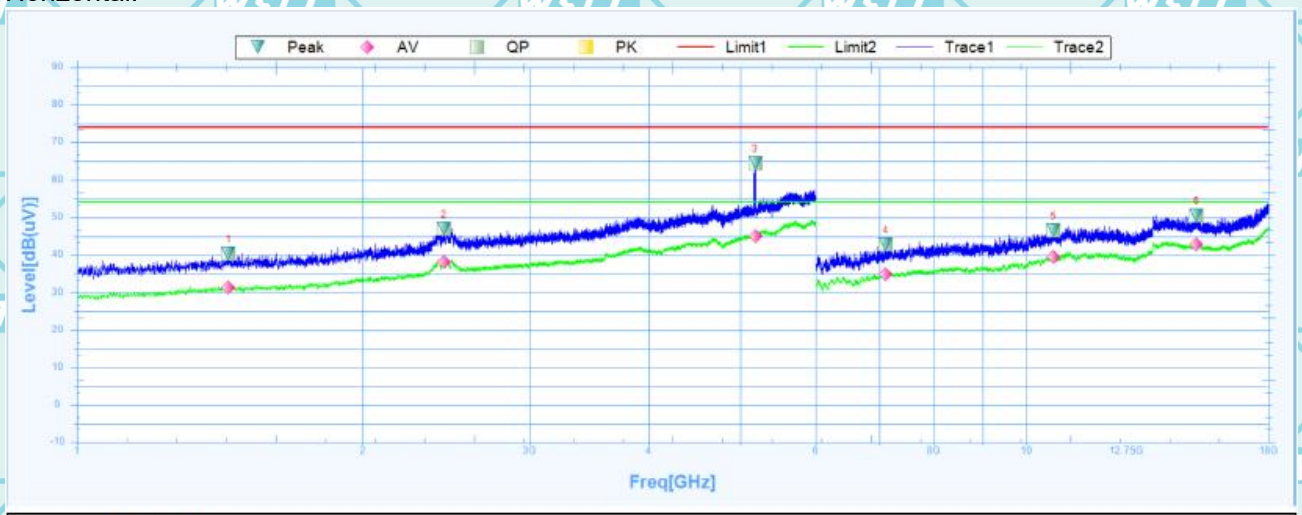
Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

Note 2: The spurious above 18G is noise only, do not show on the report.

8DPSK

Low channel: 2402MHz

Horizontal:



Susputed Data List

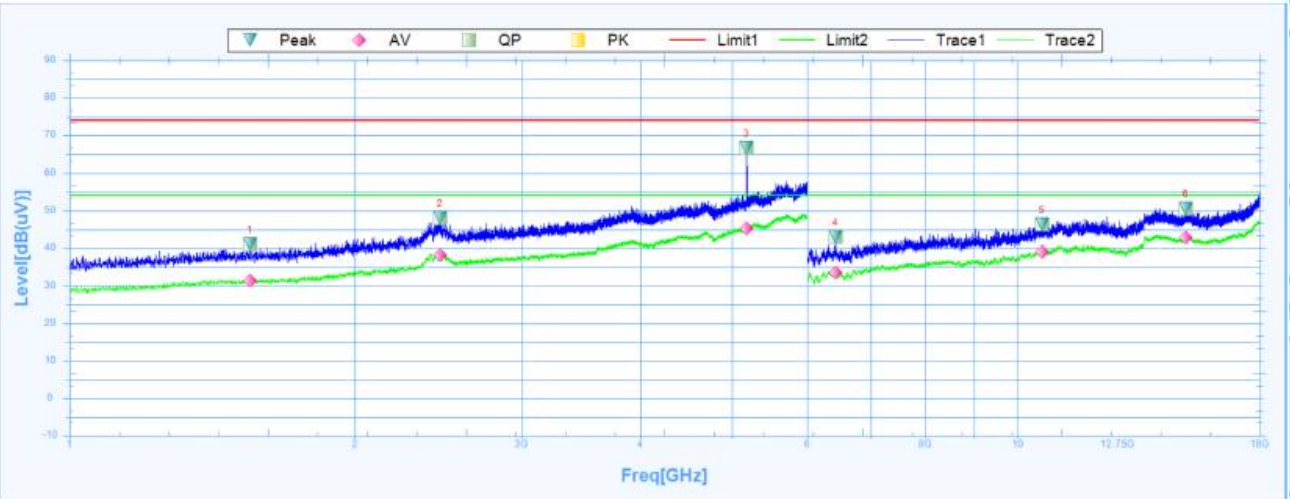
NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1444.3750	40.47	25.06	15.41	74	-33.53	81.8	Horizontal	PK	Pass
1	1444.3750	31.24	25.06	6.18	54	-22.76	81.8	Horizontal	AV	Pass
2	2435.6250	46.96	27.38	19.58	74	-27.04	360	Horizontal	PK	Pass
2	2435.6250	38.22	27.38	10.84	54	-15.78	360	Horizontal	AV	Pass
3	5183.7500	64.46	31.75	32.71	74	-9.54	310.1	Horizontal	PK	Pass
3	5183.7500	45.11	31.75	13.36	54	-8.89	310.1	Horizontal	AV	Pass
4	7110.0000	42.7	6.77	35.93	74	-31.3	355.8	Horizontal	PK	Pass
4	7110.0000	34.9	6.77	28.13	54	-19.1	355.8	Horizontal	AV	Pass
5	10683.0000	46.59	14.58	32.01	74	-27.41	274.6	Horizontal	PK	Pass
5	10683.0000	39.45	14.58	24.87	54	-14.55	274.6	Horizontal	AV	Pass
6	15120.0000	50.48	19.76	30.72	74	-23.52	279.4	Horizontal	PK	Pass
6	15120.0000	42.86	19.76	23.1	54	-11.14	279.4	Horizontal	AV	Pass

Vertical:

Susputed Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1315.0000	40.14	24.8	15.34	74	-33.86	360.1	Vertical	PK	Pass
1	1315.0000	31.01	24.8	6.21	54	-22.99	360.1	Vertical	AV	Pass
2	2439.3750	48.42	27.39	21.03	74	-25.58	145.2	Vertical	PK	Pass
2	2439.3750	38.65	27.39	11.26	54	-15.35	145.2	Vertical	AV	Pass
3	3934.3750	51.01	29.54	21.47	74	-22.99	28.1	Vertical	PK	Pass
3	3934.3750	41.53	29.54	11.99	54	-12.47	28.1	Vertical	AV	Pass
4	6802.5000	41.12	5.63	35.49	74	-32.88	315.3	Vertical	PK	Pass
4	6802.5000	34.1	5.63	28.47	54	-19.9	315.3	Vertical	AV	Pass
5	10075.5000	45.89	12.58	33.31	74	-28.11	3.4	Vertical	PK	Pass
5	10075.5000	38.29	12.58	25.71	54	-15.71	3.4	Vertical	AV	Pass
6	14002.5000	50.36	19.12	31.24	74	-23.64	-0.1	Vertical	PK	Pass
6	14002.5000	42.71	19.12	23.59	54	-11.29	-0.1	Vertical	AV	Pass

Middle channel: 2441MHz
Horizontal:



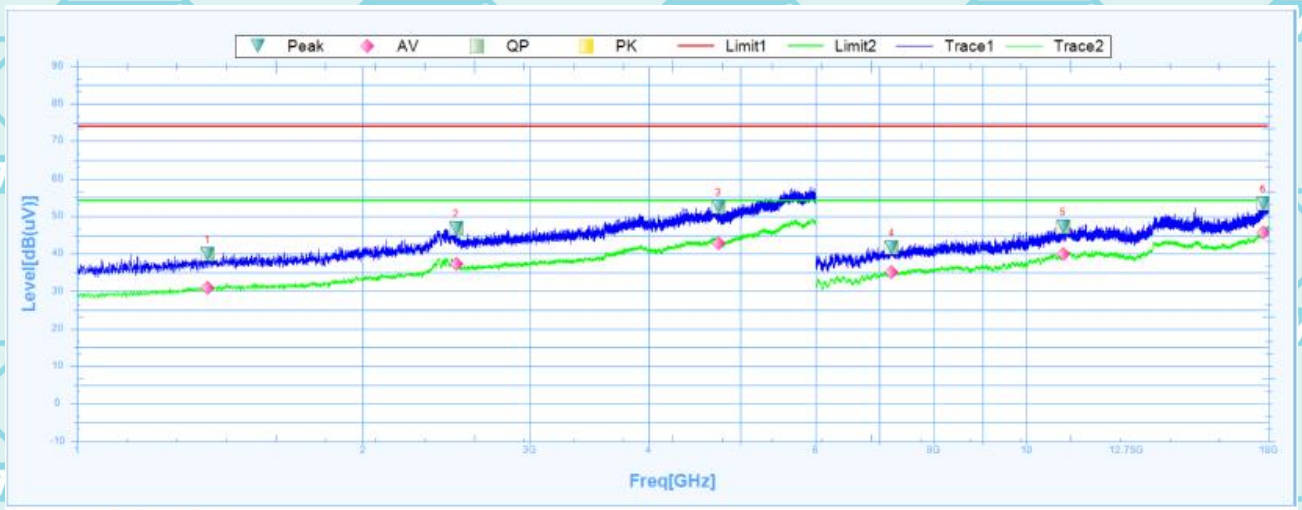
Susputed Data List										
NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1550.0000	41.06	24.95	16.11	74	-32.94	155.8	Horizontal	PK	Pass
1	1550.0000	31.4	24.95	6.45	54	-22.6	155.8	Horizontal	AV	Pass
2	2459.3750	48.16	27.46	20.7	74	-25.84	22.2	Horizontal	PK	Pass
2	2459.3750	38.1	27.46	10.64	54	-15.9	22.2	Horizontal	AV	Pass
3	5179.3750	66.72	31.74	34.98	74	-7.28	360	Horizontal	PK	Pass
3	5179.3750	45.18	31.74	13.44	54	-8.82	360	Horizontal	AV	Pass
4	6424.5000	43.06	4.6	38.46	74	-30.94	224.5	Horizontal	PK	Pass
4	6424.5000	33.63	4.6	29.03	54	-20.37	224.5	Horizontal	AV	Pass
5	10606.5000	46.33	14.34	31.99	74	-27.67	359.1	Horizontal	PK	Pass
5	10606.5000	39.08	14.34	24.74	54	-14.92	359.1	Horizontal	AV	Pass
6	15046.5000	50.57	19.24	31.33	74	-23.43	197	Horizontal	PK	Pass
6	15046.5000	42.73	19.24	23.49	54	-11.27	197	Horizontal	AV	Pass

Vertical:

Susputed Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1417.5000	40.14	25.08	15.06	74	-33.86	311.3	Vertical	PK	Pass
1	1417.5000	30.75	25.08	5.67	54	-23.25	311.3	Vertical	AV	Pass
2	2452.5000	48.29	27.44	20.85	74	-25.71	134.3	Vertical	PK	Pass
2	2452.5000	38.43	27.44	10.99	54	-15.57	134.3	Vertical	AV	Pass
3	4425.6250	52.16	30.47	21.69	74	-21.84	89	Vertical	PK	Pass
3	4425.6250	42.99	30.47	12.52	54	-11.01	89	Vertical	AV	Pass
4	8308.5000	44.06	8.95	35.11	74	-29.94	39.1	Vertical	PK	Pass
4	8308.5000	36.08	8.95	27.13	54	-17.92	39.1	Vertical	AV	Pass
5	11031.0000	46.86	15.71	31.15	74	-27.14	255.4	Vertical	PK	Pass
5	11031.0000	40.29	15.71	24.58	54	-13.71	255.4	Vertical	AV	Pass
6	14307.0000	50.71	18.81	31.9	74	-23.29	267.4	Vertical	PK	Pass
6	14307.0000	42.96	18.81	24.15	54	-11.04	267.4	Vertical	AV	Pass

High channel: 2480MHz
Horizontal:



Susputed Data List										
NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1371.2500	39.94	25	14.94	74	-34.06	59.1	Horizontal	PK	Pass
1	1371.2500	30.92	25	5.92	54	-23.08	59.1	Horizontal	AV	Pass
2	2508.7500	46.68	27.61	19.07	74	-27.32	360.1	Horizontal	PK	Pass
2	2508.7500	37.31	27.61	9.7	54	-16.69	360.1	Horizontal	AV	Pass
3	4738.7500	52.46	31.08	21.38	74	-21.54	338.8	Horizontal	PK	Pass
3	4738.7500	42.91	31.08	11.83	54	-11.09	338.8	Horizontal	AV	Pass
4	7215.0000	41.76	6.98	34.78	74	-32.24	163.4	Horizontal	PK	Pass
4	7215.0000	34.98	6.98	28	54	-19.02	163.4	Horizontal	AV	Pass
5	10933.5000	47.17	15.25	31.92	74	-26.83	308.1	Horizontal	PK	Pass
5	10933.5000	39.86	15.25	24.61	54	-14.14	308.1	Horizontal	AV	Pass
6	17766.0000	53.41	22.41	31	74	-20.59	145.5	Horizontal	PK	Pass
6	17766.0000	45.63	22.41	23.22	54	-8.37	145.5	Horizontal	AV	Pass

Vertical:

Susputed Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1269.3750	39.6	24.64	14.96	74	-34.4	360.1	Vertical	PK	Pass
1	1269.3750	29.83	24.64	5.19	54	-24.17	360.1	Vertical	AV	Pass
2	2485.0000	47.01	27.55	19.46	74	-26.99	242	Vertical	PK	Pass
2	2485.0000	38.51	27.55	10.96	54	-15.49	242	Vertical	AV	Pass
3	3852.5000	50.34	29.35	20.99	74	-23.66	353.8	Vertical	PK	Pass
3	3852.5000	41.22	29.35	11.87	54	-12.78	353.8	Vertical	AV	Pass
4	7594.5000	42.84	7.89	34.95	74	-31.16	23.6	Vertical	PK	Pass
4	7594.5000	35.42	7.89	27.53	54	-18.58	23.6	Vertical	AV	Pass
5	10764.0000	46.12	14.71	31.41	74	-27.88	-0.1	Vertical	PK	Pass
5	10764.0000	38.81	14.71	24.1	54	-15.19	-0.1	Vertical	AV	Pass
6	14104.5000	50.7	19.02	31.68	74	-23.3	355.5	Vertical	PK	Pass
6	14104.5000	43.11	19.02	24.09	54	-10.89	355.5	Vertical	AV	Pass

Note:

1. *The emission levels of other frequencies are very lower than the limit and not show in test report.*
2. *Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency.*
3. *Data of measurement shown "---"in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.*
4. *Measurements were conducted in all three modulation (GFSK, Pi/4 DQPSK, 8DPSK), and the worst case Mode (8DPSK) was submitted only.*
5. *EUT has been tested in unfolded states, and the report only reflects data in the unfolded state (worst-case scenario)*

Note: Freq. = Emission frequency in MHz
Reading level (dBμV) = Receiver reading
Corr. Factor (dB) = Attenuation factor + Cable loss
Level (dBμV) = Reading level (dBμV) + Corr. Factor (dB)
Limit (dBμV) = Limit stated in standard
Margin (dB) = Level (dBμV) – Limits (dBμV)

6.11.3. Restricted Bands Requirements

Bluetooth (GFSK, Pi/4-DQPSK, 8DPSK)mode have been tested, and the worst result 8DPSK model was report as below

Frequency	Reading	Correct Factor	Emission Level	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel							
2387	61.37	-8.76	52.61	74	21.39	H	PK
2387	55.32	-8.76	46.56	54	7.44	H	AV
2387	61.19	-8.73	52.46	74	21.54	V	PK
2387	55.05	-8.73	46.32	54	7.68	V	AV
2390	64.09	-8.76	55.33	74	18.67	H	PK
2390	54.94	-8.76	46.18	54	7.82	H	AV
2390	61.91	-8.73	53.18	74	20.82	V	PK
2390	57.14	-8.73	48.41	54	5.59	V	AV
High Channel							
2483.5	64.28	-8.17	56.11	74	17.89	H	PK
2483.5	53.74	-8.17	45.57	54	8.43	H	AV
2483.5	61.26	-8.17	53.09	74	20.91	V	PK
2483.5	54.30	-8.17	46.13	54	7.87	V	AV

Note: Freq. = Emission frequency in MHz
Reading level (dBμV) = Receiver reading
Corr. Factor (dB) = Attenuation factor + Cable loss
Level (dBμV) = Reading level (dBμV) + Corr. Factor (dB)
Limit (dBμV) = Limit stated in standard
Margin (dB) = Level (dBμV) – Limits (dBμV)

7. Test Setup Photographs

Please refer to Annex "Set Up Photos-15C" for test setup photos

*******END OF REPORT*******