

Middle channel: 2440MHz

Horizontal:



Suspected Data List

NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	2480.0000	46.72	7.84	38.88	74	-27.28	360	Horizontal	PK	Pass
1	2480.0000	37.4	7.84	29.56	54	-16.6	360	Horizontal	AV	Pass
2	3912.5000	49.57	11.84	37.73	74	-24.43	175	Horizontal	PK	Pass
2	3912.5000	40.86	11.84	29.02	54	-13.14	175	Horizontal	AV	Pass
3	5181.8750	59.08	17.88	41.2	74	-14.92	112.9	Horizontal	PK	Pass
3	5181.8750	44.76	17.88	26.88	54	-9.24	112.9	Horizontal	AV	Pass
4	10701.0000	46.46	39.08	7.38	74	-27.54	57	Horizontal	PK	Pass
4	10701.0000	38.59	39.08	-0.49	54	-15.41	57	Horizontal	AV	Pass
5	13879.5000	50.8	41.19	9.61	74	-23.2	207.6	Horizontal	PK	Pass
5	13879.5000	41.99	41.19	0.8	54	-12.01	207.6	Horizontal	AV	Pass
6	17998.5000	53.52	46.49	7.03	74	-20.48	102.5	Horizontal	PK	Pass
6	17998.5000	47.17	46.49	0.68	54	-6.83	102.5	Horizontal	AV	Pass

Vertical:



Suspected Data List

NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	2436.8750	46.61	7.7	38.91	74	-27.39	85.2	Vertical	PK	Pass
1	2436.8750	37.08	7.7	29.38	54	-16.92	85.2	Vertical	AV	Pass
2	3896.8750	49.48	11.7	37.78	74	-24.52	184.4	Vertical	PK	Pass
2	3896.8750	41.01	11.7	29.31	54	-12.99	184.4	Vertical	AV	Pass
3	5246.2500	57.19	19.07	38.12	74	-16.81	99.6	Vertical	PK	Pass
3	5246.2500	45.41	19.07	26.34	54	-8.59	99.6	Vertical	AV	Pass
4	11527.5000	47.55	39.03	8.52	74	-26.45	359.6	Vertical	PK	Pass
4	11527.5000	39.77	39.03	0.74	54	-14.23	359.6	Vertical	AV	Pass
5	14014.5000	49.99	41.48	8.51	74	-24.01	-0.1	Vertical	PK	Pass
5	14014.5000	42.87	41.48	1.39	54	-11.13	-0.1	Vertical	AV	Pass
6	17881.5000	53.07	45.71	7.36	74	-20.93	217.3	Vertical	PK	Pass
6	17881.5000	46.16	45.71	0.45	54	-7.84	217.3	Vertical	AV	Pass

High channel: 2480MHz

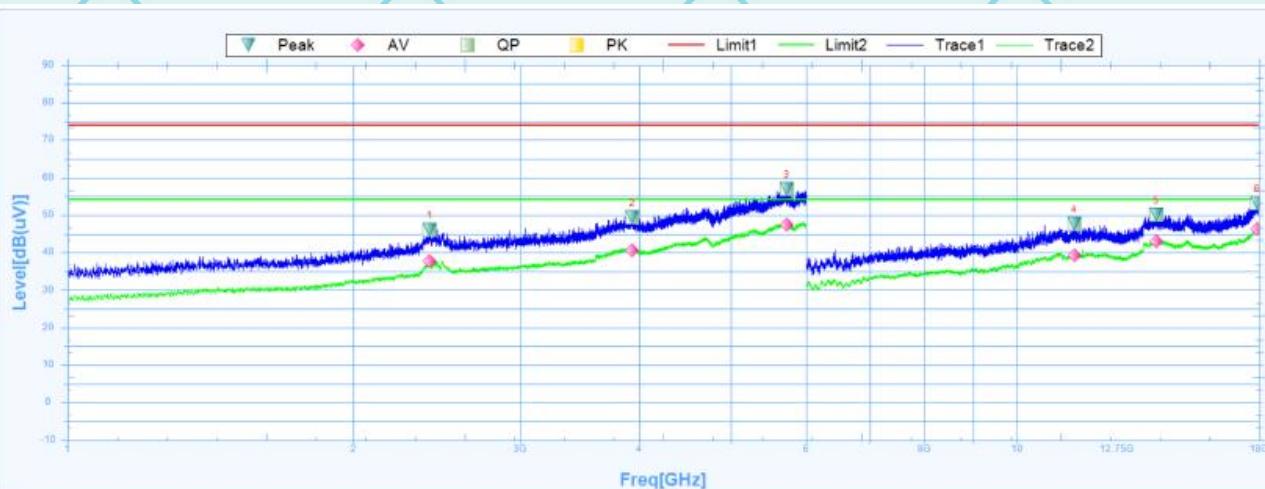
Horizontal:



Suspected Data List

NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	2446.8750	45.61	7.73	37.88	74	-28.39	18.2	Horizontal	PK	Pass
1	2446.8750	37.41	7.73	29.68	54	-16.59	18.2	Horizontal	AV	Pass
2	3860.6250	49.89	11.41	38.48	74	-24.11	360.1	Horizontal	PK	Pass
2	3860.6250	40.59	11.41	29.18	54	-13.41	360.1	Horizontal	AV	Pass
3	5180.0000	64.13	17.84	46.29	74	-9.87	360.1	Horizontal	PK	Pass
3	5180.0000	44.48	17.84	26.64	54	-9.52	360.1	Horizontal	AV	Pass
4	10896.0000	47.29	39.35	7.94	74	-26.71	100.1	Horizontal	PK	Pass
4	10896.0000	38.68	39.35	-0.67	54	-15.32	100.1	Horizontal	AV	Pass
5	13957.5000	49.98	41.39	8.59	74	-24.02	15.2	Horizontal	PK	Pass
5	13957.5000	42.41	41.39	1.02	54	-11.59	15.2	Horizontal	AV	Pass
6	17817.0000	53.61	45.27	8.34	74	-20.39	81	Horizontal	PK	Pass
6	17817.0000	45.75	45.27	0.48	54	-8.25	81	Horizontal	AV	Pass

Vertical:



Suspected Data List

NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	2406.2500	46.1	7.59	38.51	74	-27.9	256.3	Vertical	PK	Pass
1	2406.2500	37.65	7.59	30.06	54	-16.35	256.3	Vertical	AV	Pass
2	3935.6250	49.43	11.92	37.51	74	-24.57	309	Vertical	PK	Pass
2	3935.6250	40.64	11.92	28.72	54	-13.36	309	Vertical	AV	Pass
3	5722.5000	56.9	21.28	35.62	74	-17.1	198.9	Vertical	PK	Pass
3	5722.5000	47.53	21.28	26.25	54	-6.47	198.9	Vertical	AV	Pass
4	11493.0000	47.58	39.06	8.52	74	-26.42	359.1	Vertical	PK	Pass
4	11493.0000	39.27	39.06	0.21	54	-14.73	359.1	Vertical	AV	Pass
5	14023.5000	50.18	41.47	8.71	74	-23.82	232.8	Vertical	PK	Pass
5	14023.5000	42.93	41.47	1.46	54	-11.07	232.8	Vertical	AV	Pass
6	17917.5000	53.25	45.95	7.3	74	-20.75	180.2	Vertical	PK	Pass
6	17917.5000	46.29	45.95	0.34	54	-7.71	180.2	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 (GFSK) was submitted only.
5. EUT has been tested in unfolded states, and the report only reflects data in the unfolded state (worst-case scenario)



6.7.3. Restricted Bands Requirements

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

Frequency (MHz)	Reading (dB μ V/m)	Correct Factor dB/m	Emission Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Polar H/V	Detector
Low Channel							
2387	63.12	-8.76	54.36	74	19.64	H	PK
2387	54.05	-8.76	45.29	54	8.71	H	AV
2387	61.43	-8.73	52.70	74	21.30	H	PK
2387	55.80	-8.73	47.07	54	6.93	V	AV
2390	64.29	-8.76	55.53	74	18.47	H	PK
2390	54.88	-8.76	46.12	54	7.88	H	AV
2390	61.36	-8.73	52.63	74	21.37	V	PK
2390	55.45	-8.73	46.72	54	7.28	V	AV
High Channel							
2483.5	63.88	-8.17	55.71	74	18.29	H	PK
2483.5	53.03	-8.17	44.86	54	9.14	H	AV
2483.5	61.66	-8.17	53.49	74	20.51	V	PK
2483.5	53.03	-8.17	44.86	54	9.14	V	AV

Note: Freq. = Emission frequency in MHz

Reading level (dB μ V) = Receiver reading

Corr. Factor (dB) = Attenuation factor + Cable loss

Level (dB μ V) = Reading level (dB μ V) + Corr. Factor (dB)

Limit (dB μ V) = Limit stated in standard

Margin (dB) = Level (dB μ V) – Limits (dB μ V)



7. Test Setup Photographs

Please refer to the attachment "Set Up Photos-15C" for relevant test setup photos

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

