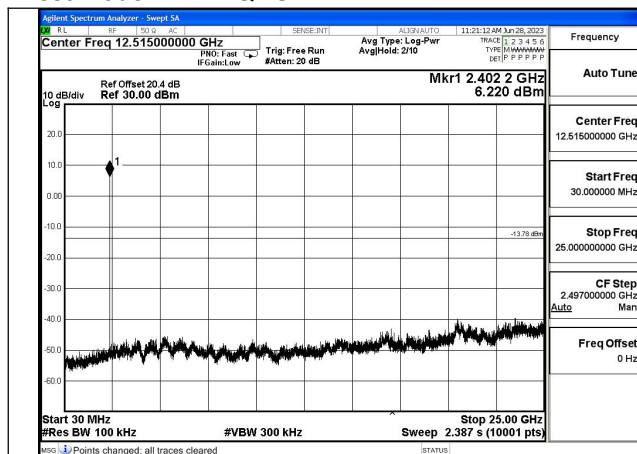
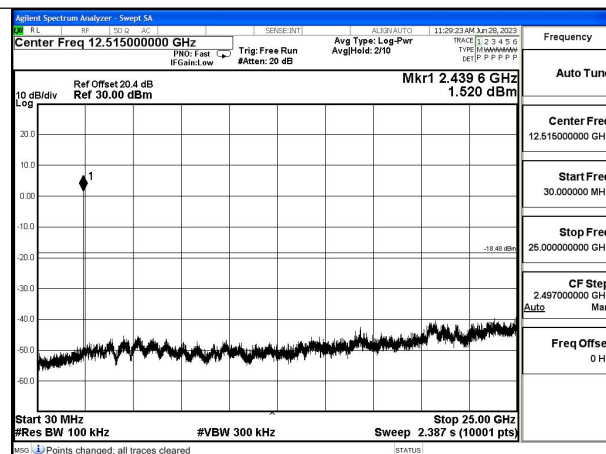
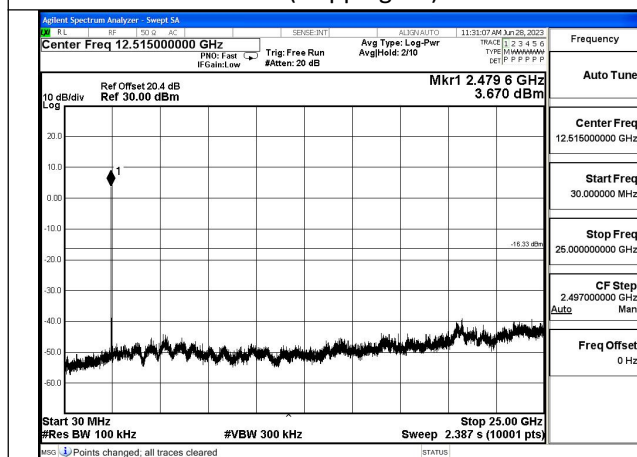


Test Mode: $\pi/4$ DQPSK

CH0(Hopping off)

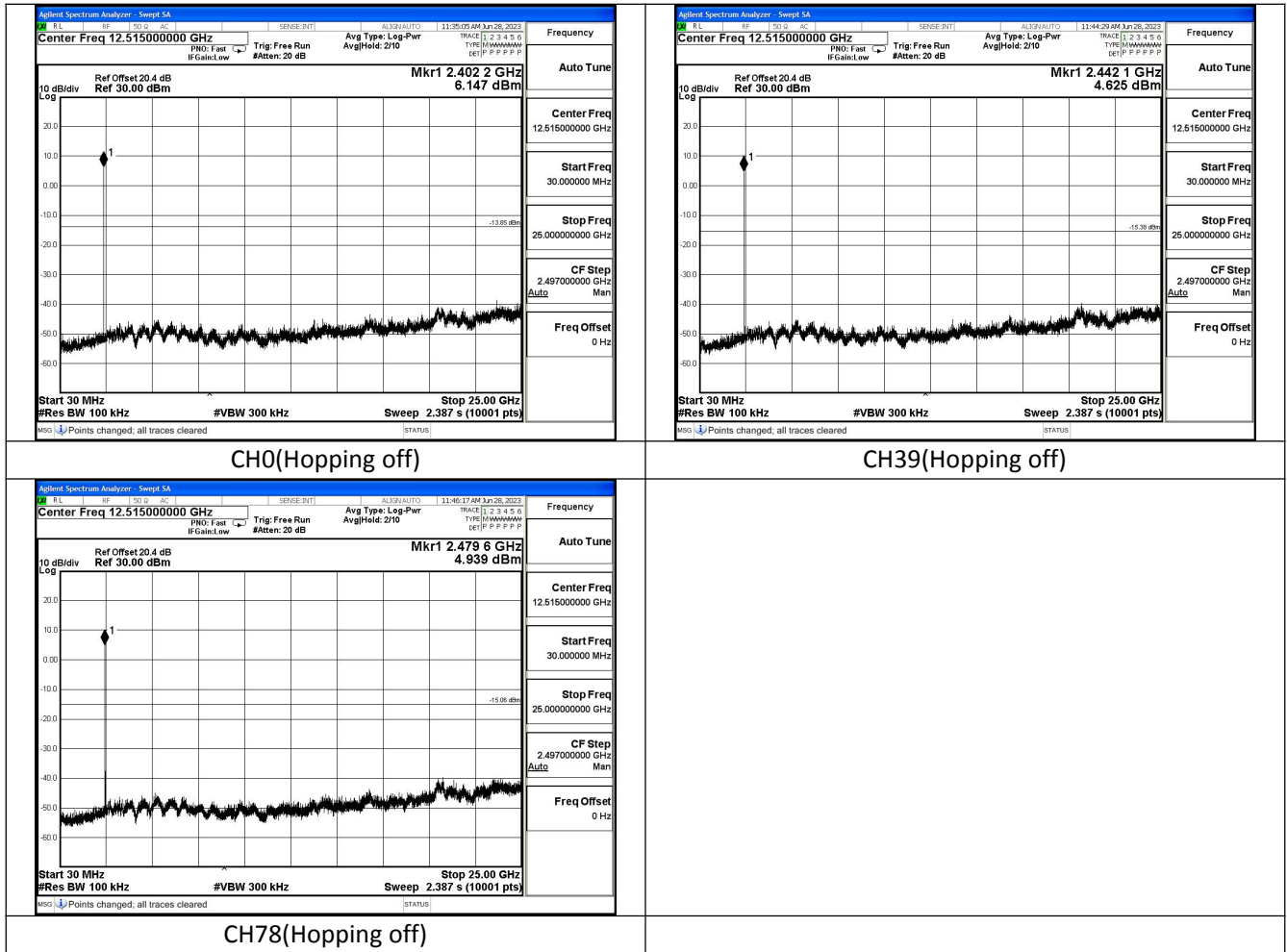


CH39(Hopping off)



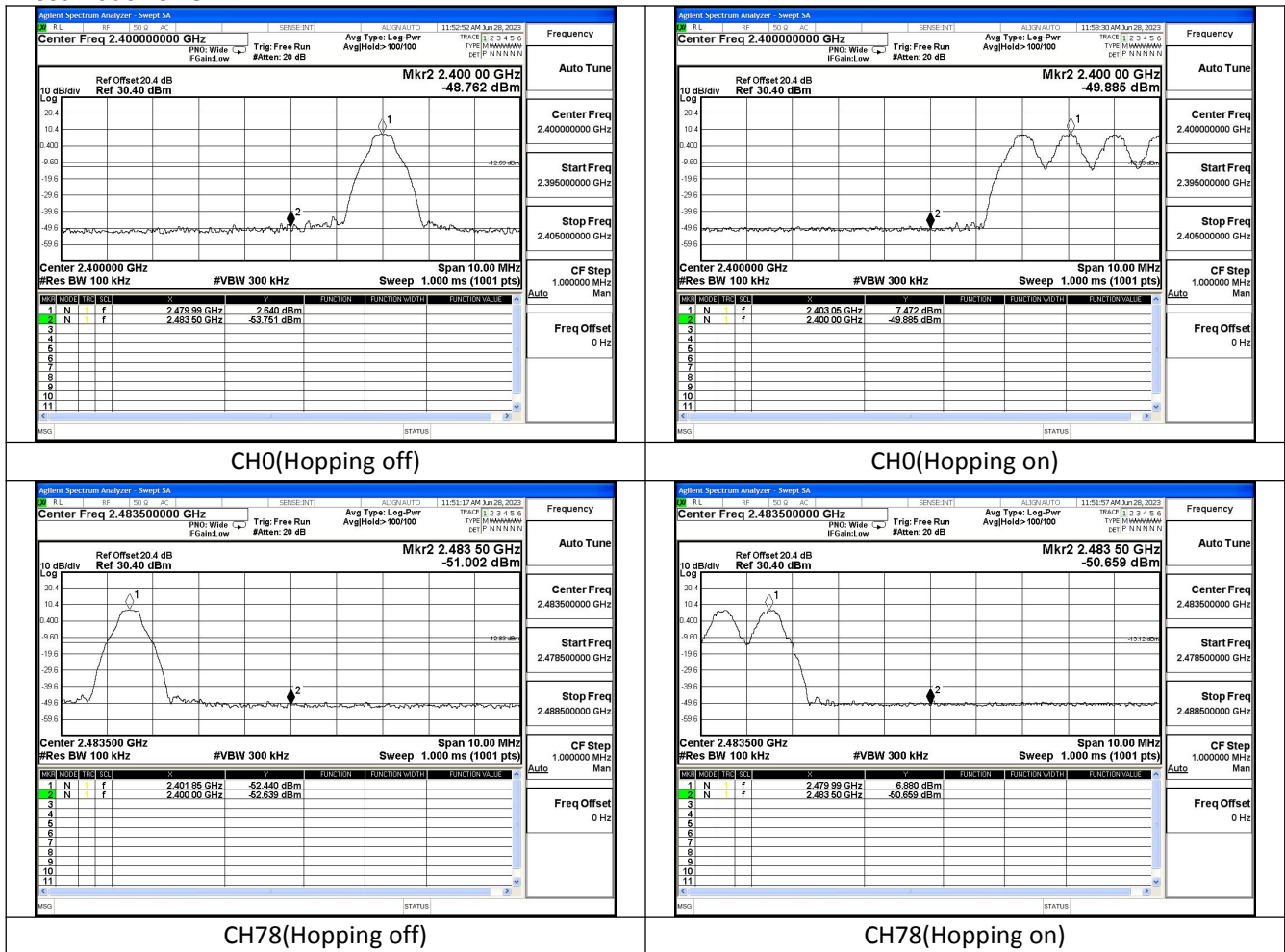
CH78(Hopping off)

Test Mode: 8DPSK

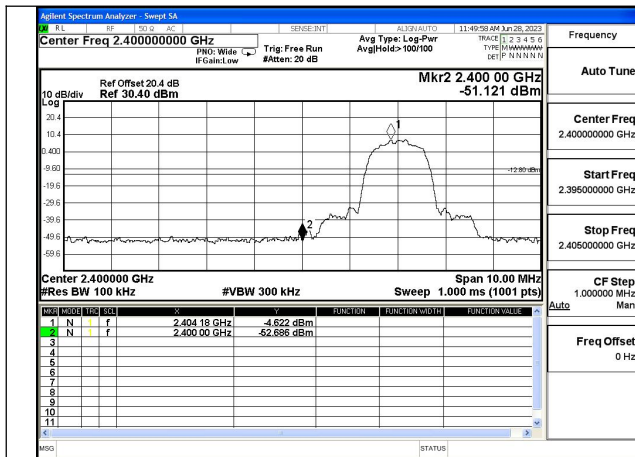


7 Band Edge measurement

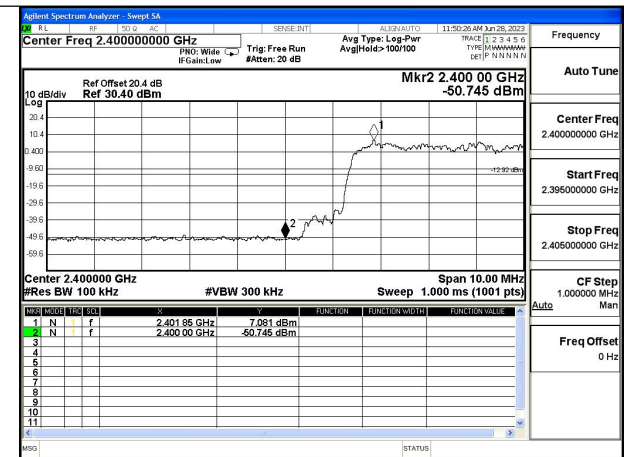
Test Mode: GFSK



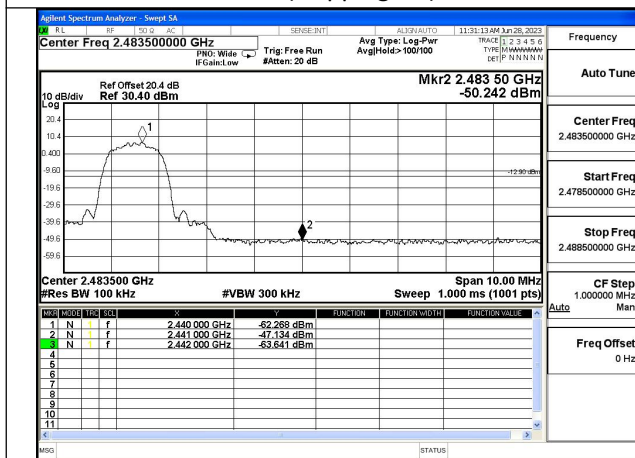
Test Mode: π /4DQPSK



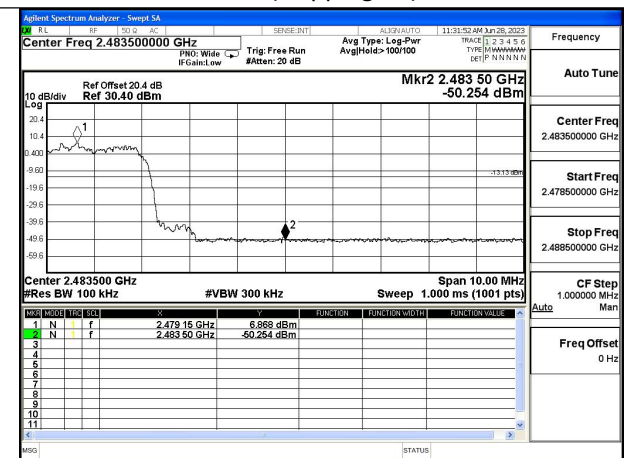
CH0(Hopping off)



CH0(Hopping on)

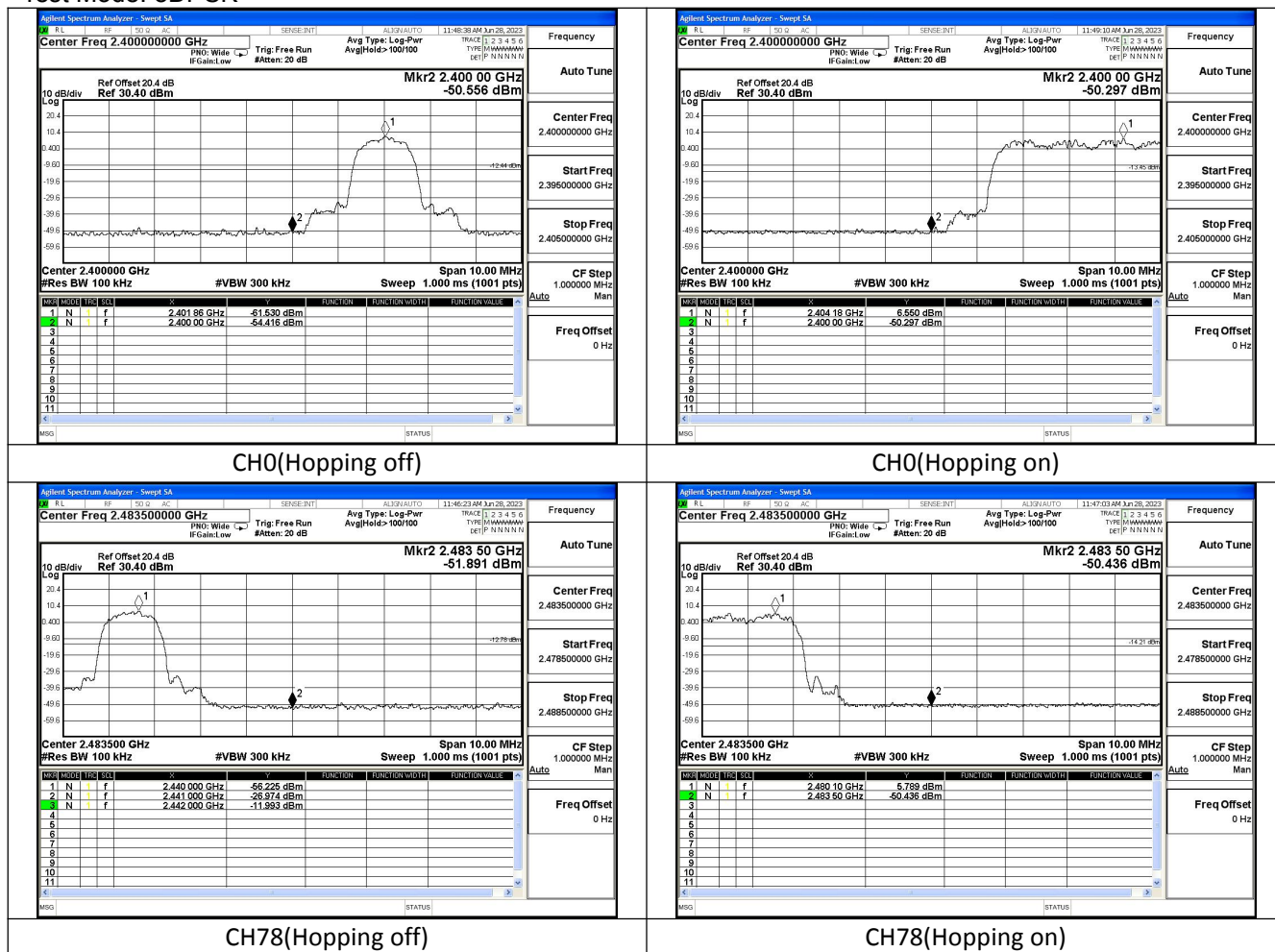


CH78(Hopping off)



CH78(Hopping on)

Test Mode: 8DPSK



APPENDIX B – TEST DATA OF RADIATED EMISSION

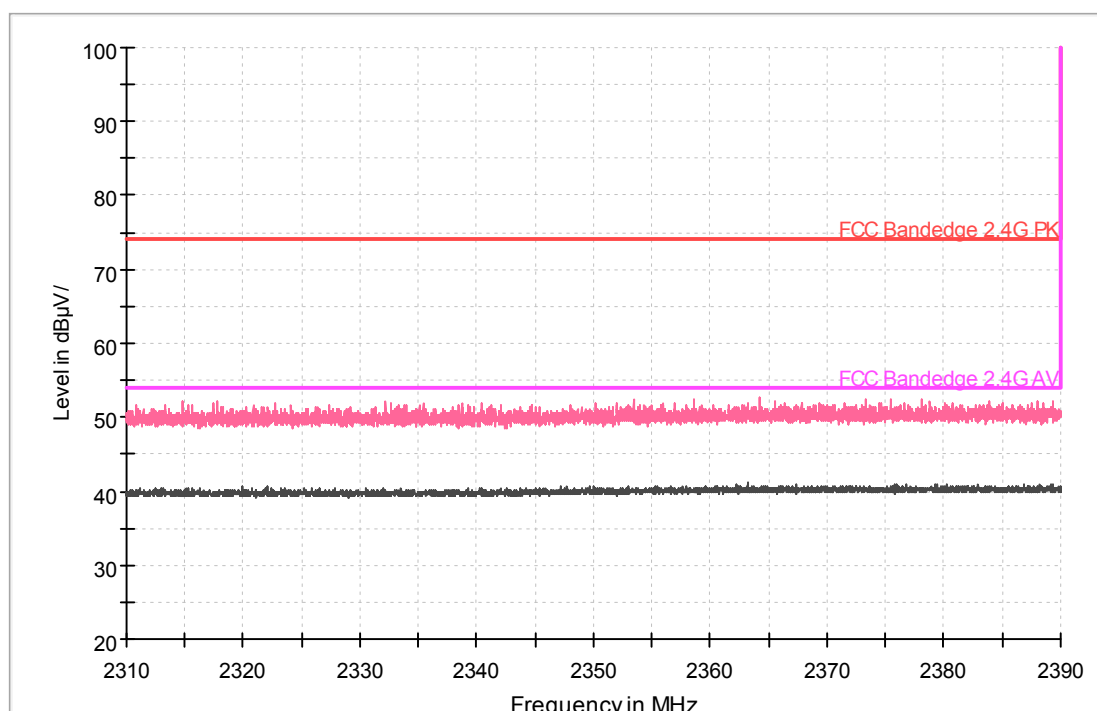
Note1: Both horizontal and vertical polarizations of the antenna are set to make the measurement.

Note2: Three-axis equipment has been evaluated in test.

Note3: The relevant tests have been performed in order to verify in which mode would have the worst features, the result show above is the worst case.

Radiated Emission : unwanted emission

After comparison the worst case attitude is EUT vertical.

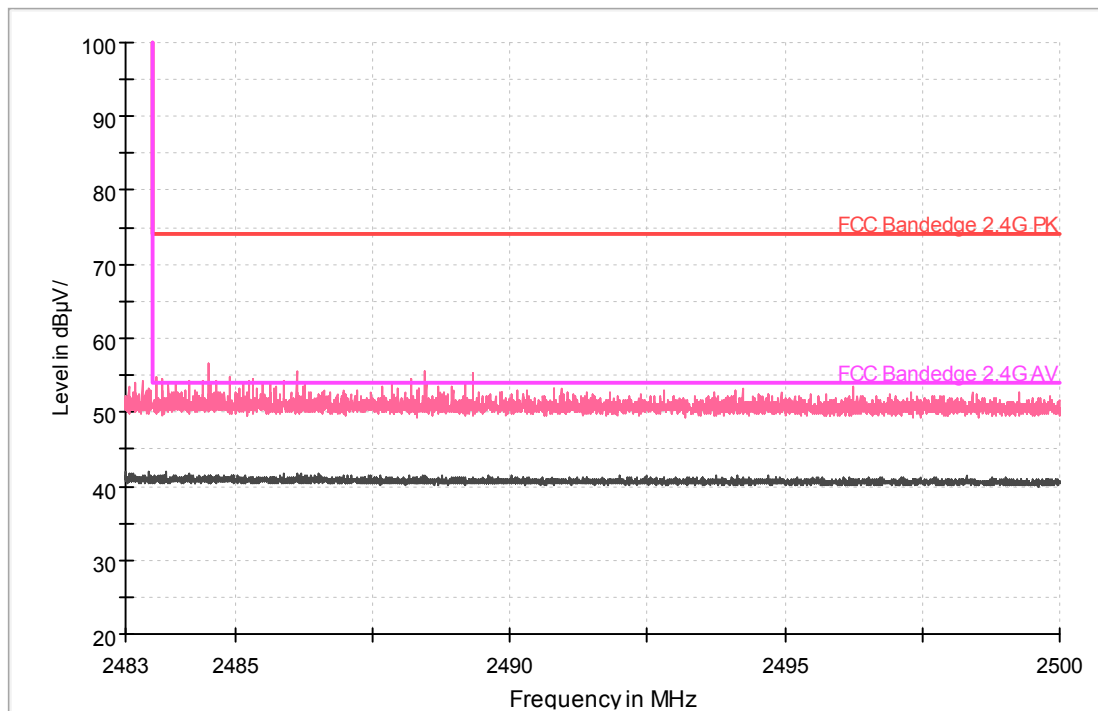


Carrier frequency (MHz): 2402

Channel No.:0

Test Mode: GFSK

Polarity: Vertical



Carrier frequency (MHz): 2480
Channel No.:78
Test Mode: GFSK
Polarity: Vertical

Radiated Emission : unwanted emission

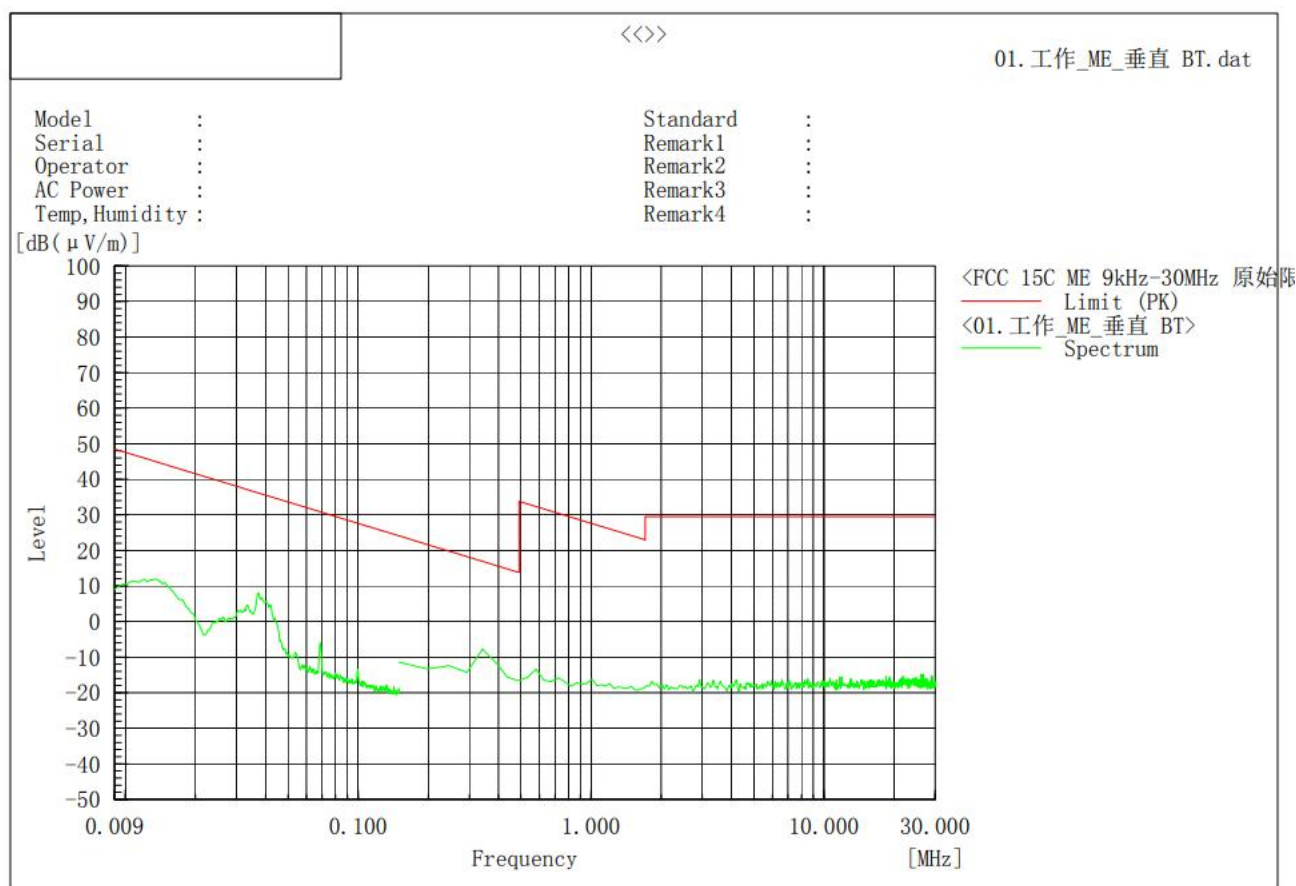
Test result.

Sample Calculations

After comparison, the worst case attitude is EUT lay down.

Carrier frequency (MHz): 2441

Channel No.:39

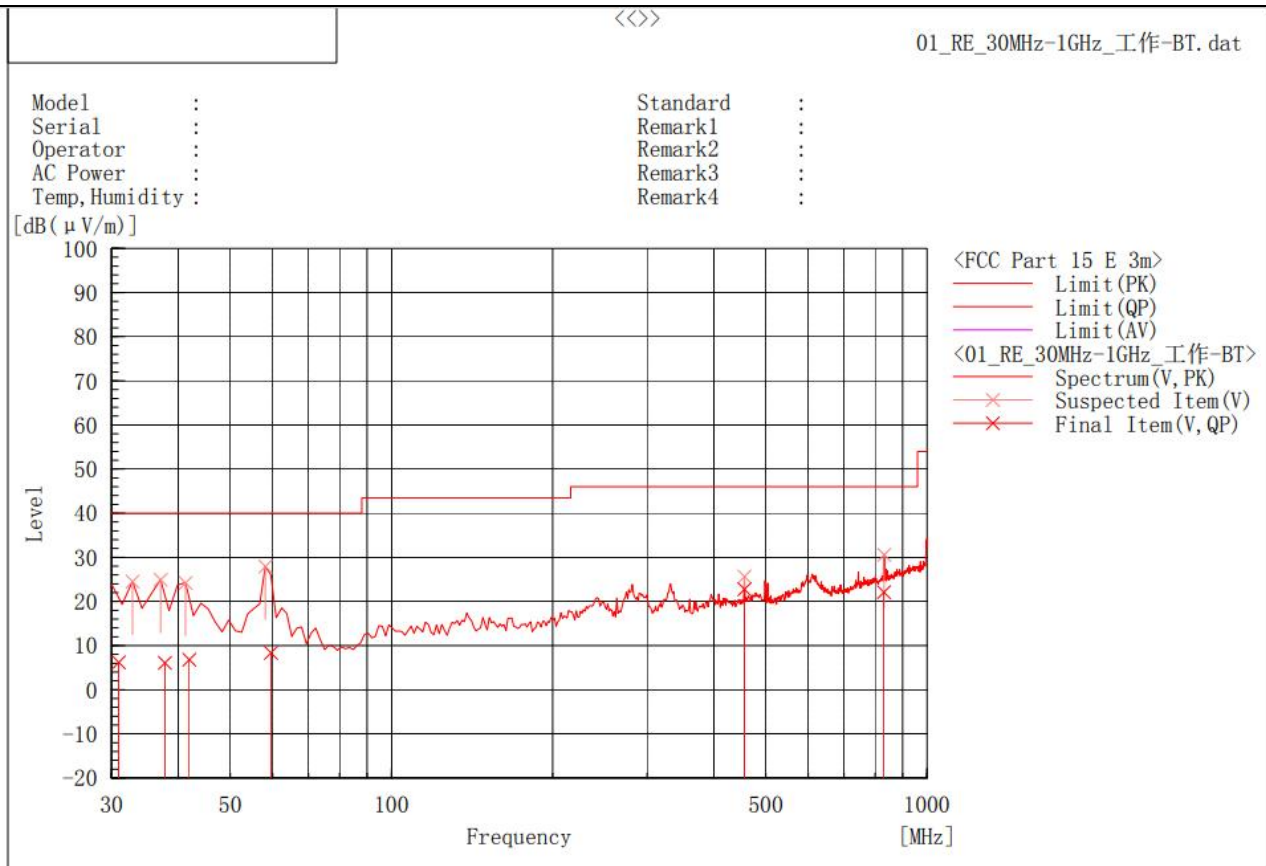


Frequency Range: 9kHz -30MHz

Detector: QP mode

Modulation type: GFSK

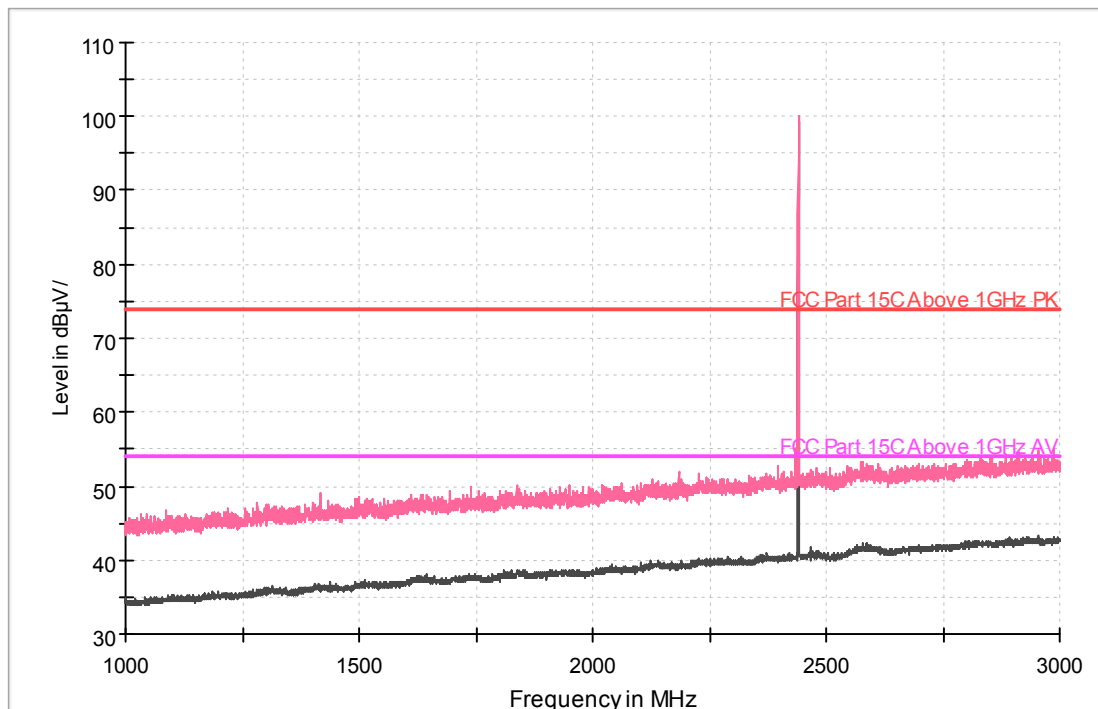
Note: The relevant tests have been performed in order to verify in which mode would have the worst features, the result show above is the worst case.



Final Result

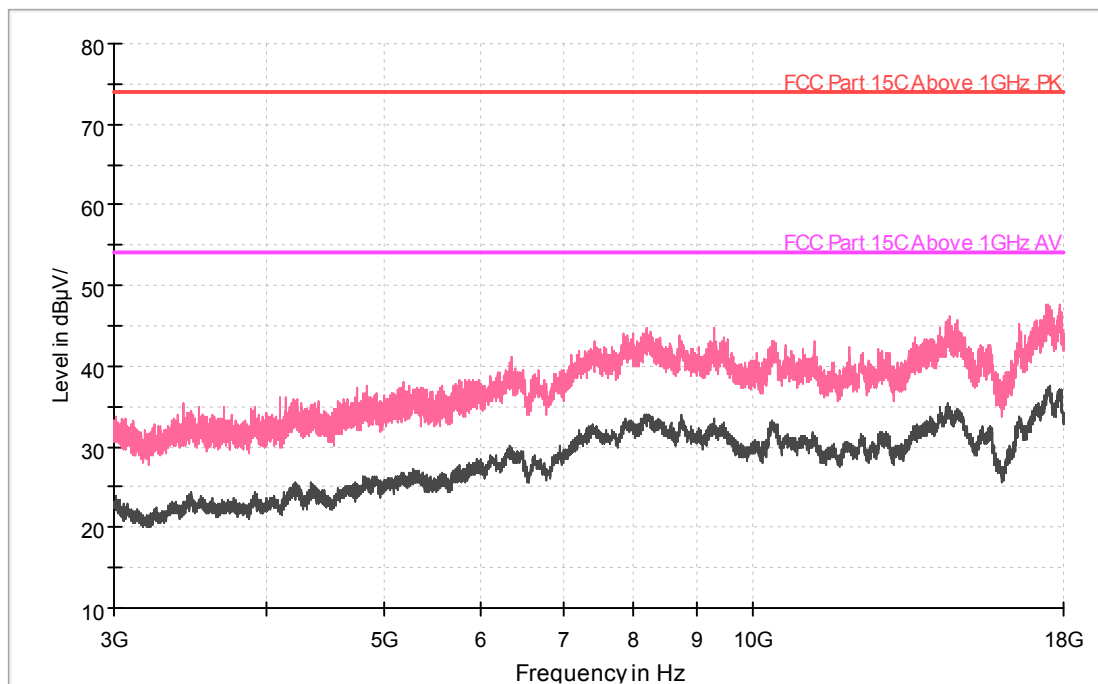
No.	Frequency [MHz]	(P)	Reading QP [dB (μ V)]	c. f [dB (1/m)]	Result QP [dB (μ V/m)]	Limit QP [dB (μ V/m)]	Margin QP [dB]	Height [cm]	Angle [°]	Remark
1	30.948	V	20.3	-14.1	6.2	40.0	33.8	102.0	354.6	
2	37.717	V	19.5	-13.4	6.1	40.0	33.9	102.0	146.1	
3	41.878	V	19.5	-12.7	6.8	40.0	33.2	106.0	1.8	
4	59.520	V	21.6	-13.2	8.4	40.0	31.6	102.0	248.4	
5	455.999	V	30.5	-7.7	22.8	46.0	23.2	110.0	304.2	
6	830.560	V	22.8	-0.7	22.1	46.0	23.9	110.0	299.4	

Frequency Range: 30MHz-1GHz
Detector: QP mode
Modulation type: GFSK



Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: GFSK

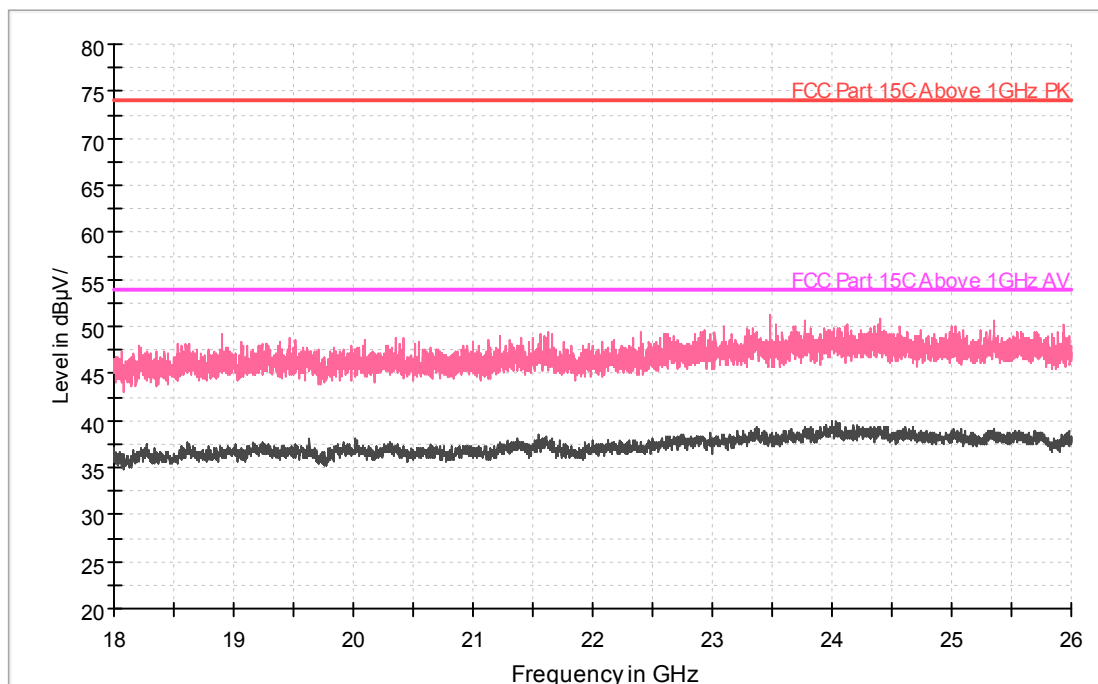
Full Spectrum



Frequency Range: 3GHz-18GHz
Detector: Av mode and PK mode

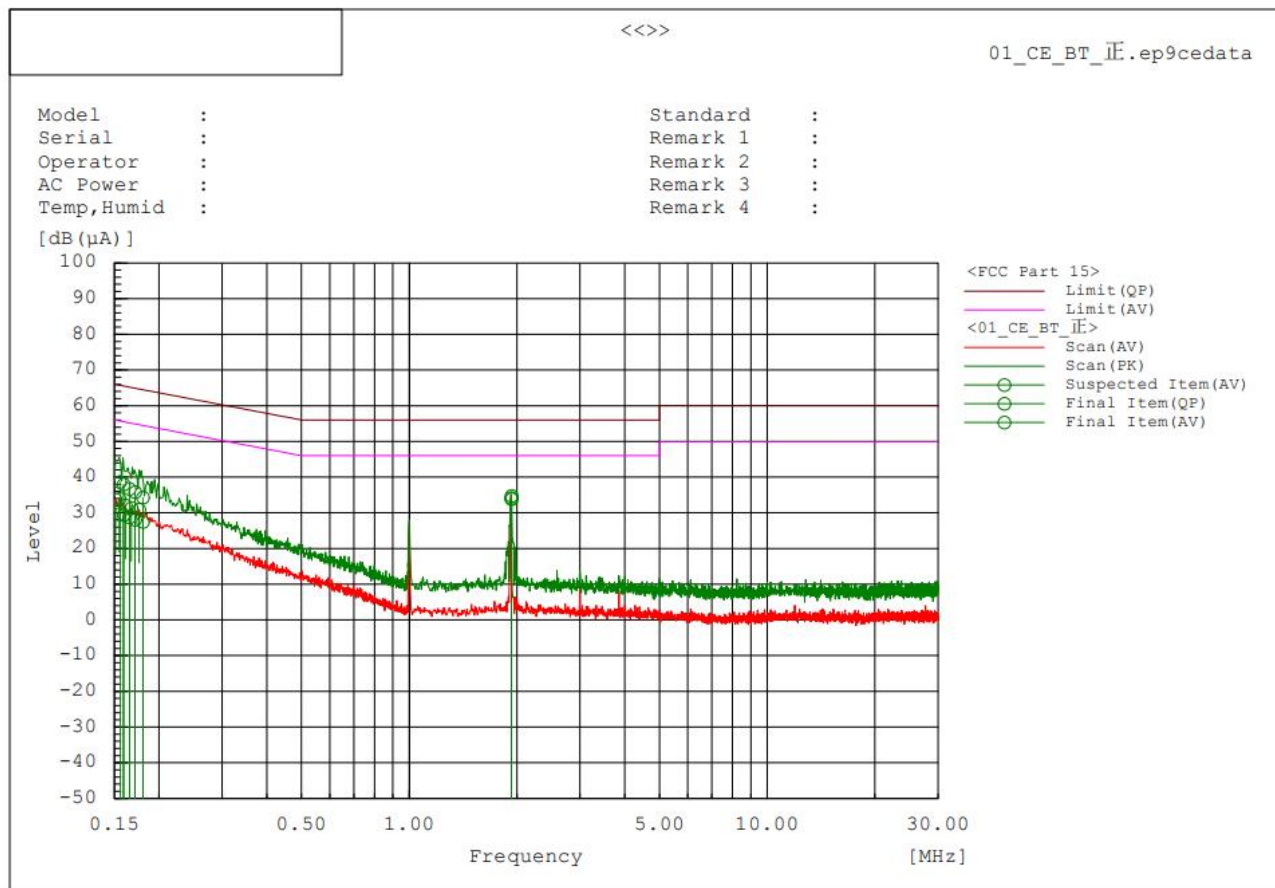
Modulation type: GFSK

Full Spectrum



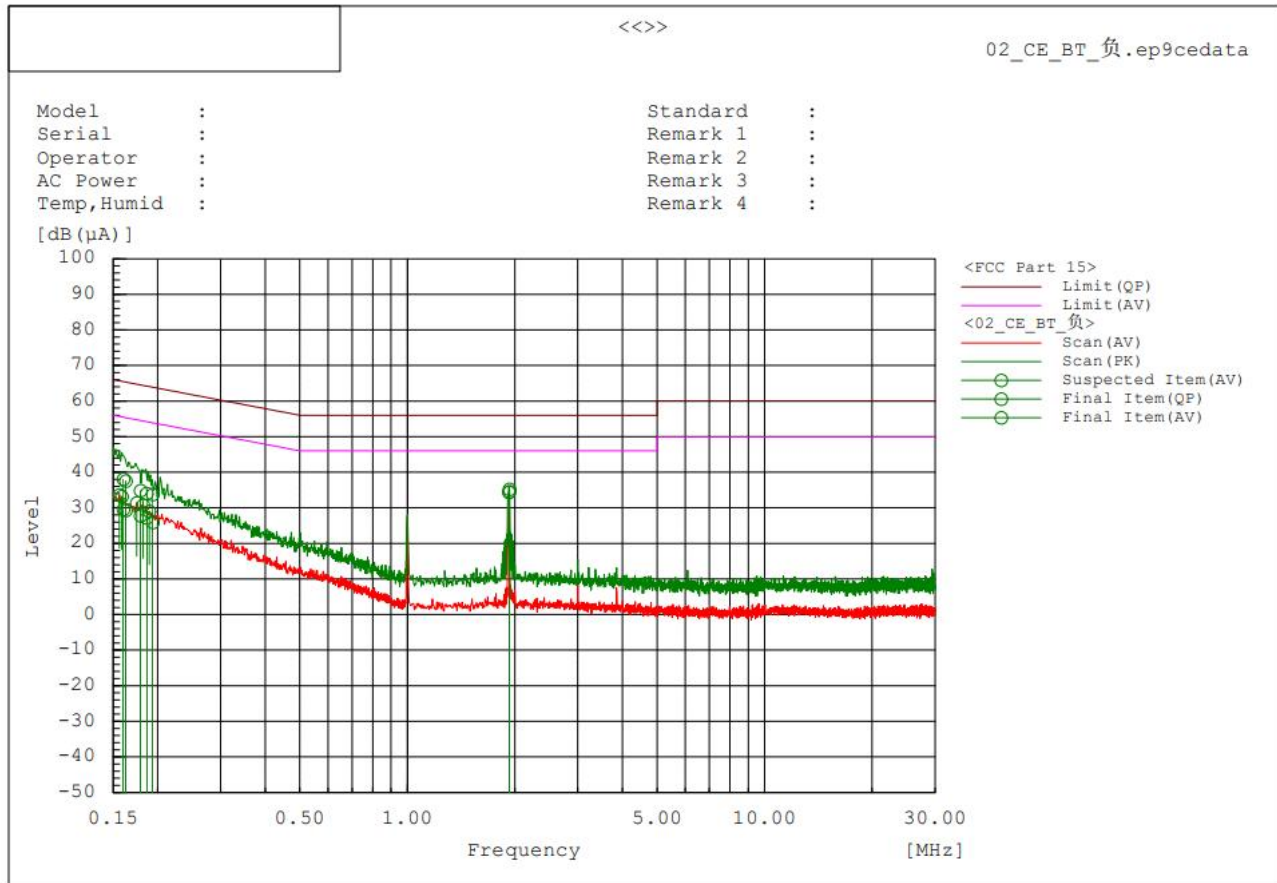
Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: GFSK

AC Power line Conducted Emission



Final Result

No.	Frequency [MHz]	Meas. Position	Reading QP [dB (μV)]	Reading AV [dB (μV)]	c.f [dB]	Result QP [dB (μA)]	Result AV [dB (μA)]	Limit QP [dB (μA)]	Limit AV [dB (μA)]	Margin QP [dB]	Margin AV [dB]
1	0.155		23.4	14.4	15.3	38.7	29.7	65.7	55.7	27.0	26.0
2	0.159		22.9	14.3	15.1	38.0	29.4	65.5	55.5	27.5	26.1
3	0.165		21.9	13.9	14.8	36.7	28.7	65.2	55.2	28.5	26.5
4	0.171		21.3	13.6	14.5	35.8	28.1	64.9	54.9	29.1	26.8
5	0.180		20.3	13.4	14.0	34.3	27.4	64.5	54.5	30.2	27.1
6	1.929		32.1	31.3	2.6	34.7	33.9	56.0	46.0	21.3	12.1



Final Result

No.	Frequency [MHz]	Meas. Position	Reading QP [dB (μV)]	Reading AV [dB (μV)]	c.f [dB]	Result QP [dB (μA)]	Result AV [dB (μA)]	Limit QP [dB (μA)]	Limit AV [dB (μA)]	Margin QP [dB]	Margi AV [dB]
1	0.160		23.1	14.6	15.0	38.1	29.6	65.4	55.4	27.3	25.8
2	0.163		22.6	14.4	14.9	37.5	29.3	65.3	55.3	27.8	26.0
3	0.179		20.7	13.7	14.1	34.8	27.8	64.5	54.5	29.7	26.7
4	0.186		20.3	13.4	13.7	34.0	27.1	64.2	54.2	30.2	27.1
5	0.194		20.5	12.6	13.3	33.8	25.9	63.9	53.9	30.1	28.0
6	1.930		32.6	31.9	2.6	35.2	34.5	56.0	46.0	20.8	11.5