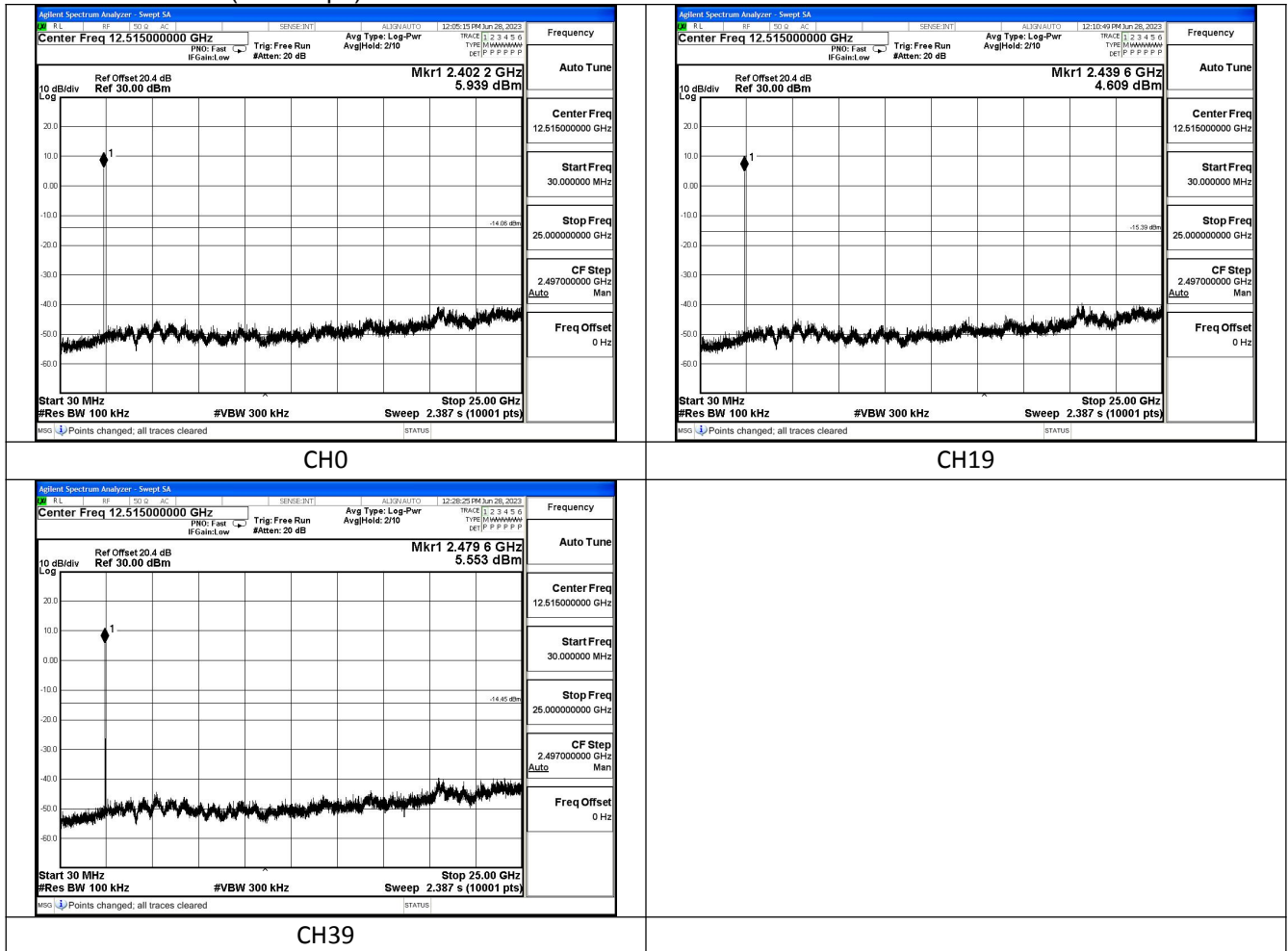
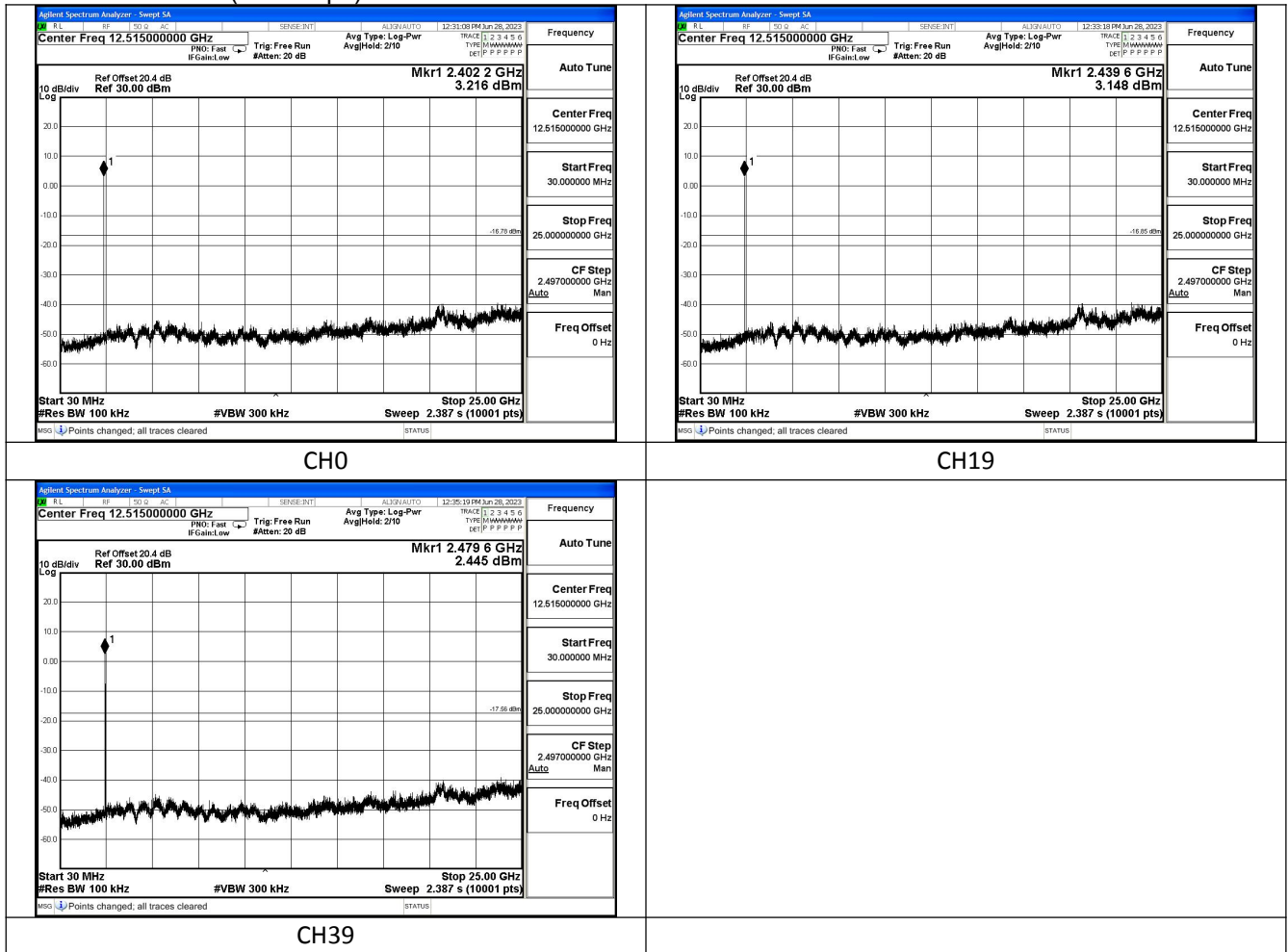


5 Conducted Out of band emission measurement

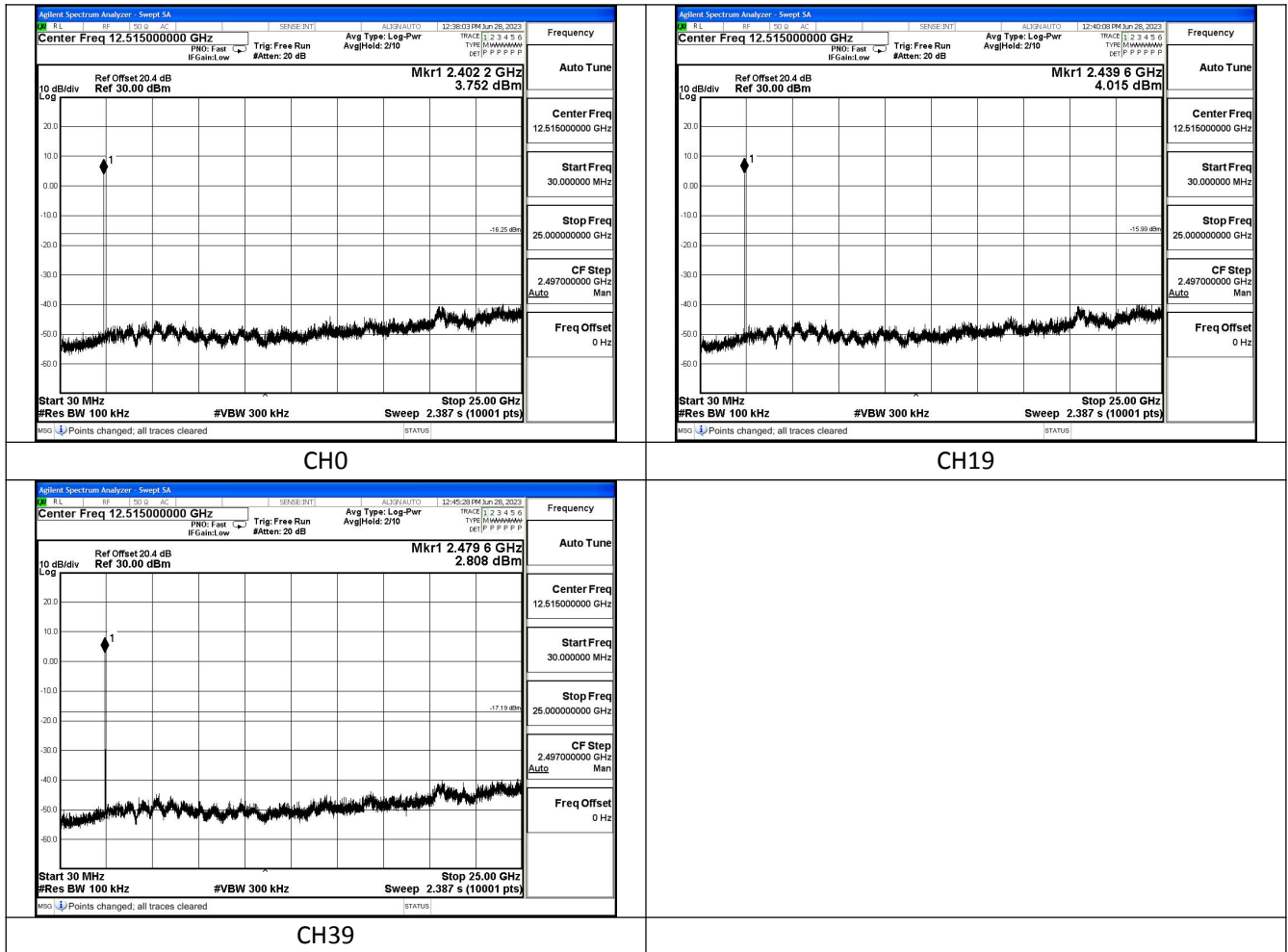
Test Mode: GFSK (LE 1Mbps)



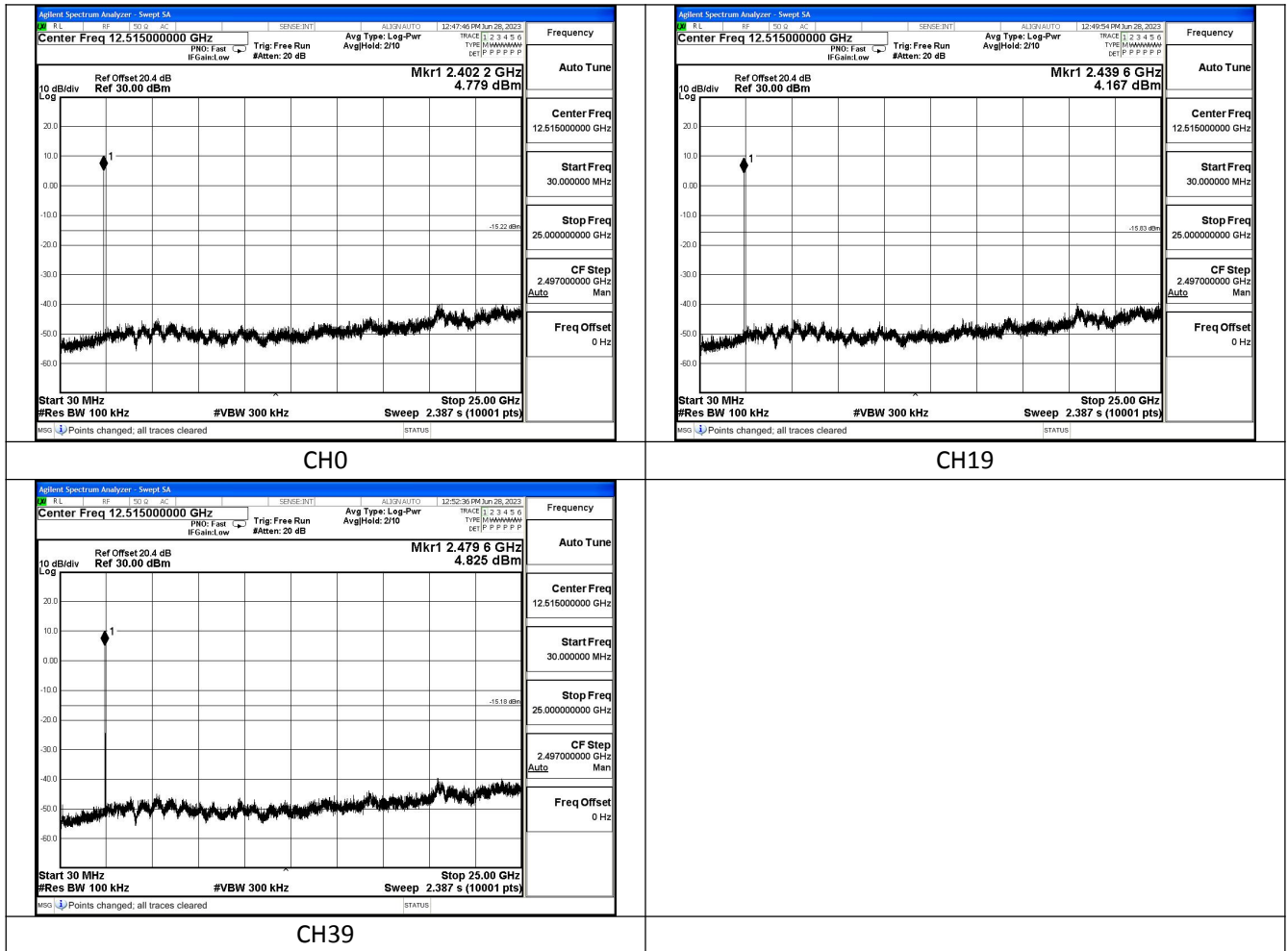
Test Mode: GFSK (LE 2Mbps)



Test Mode: Coded 125K

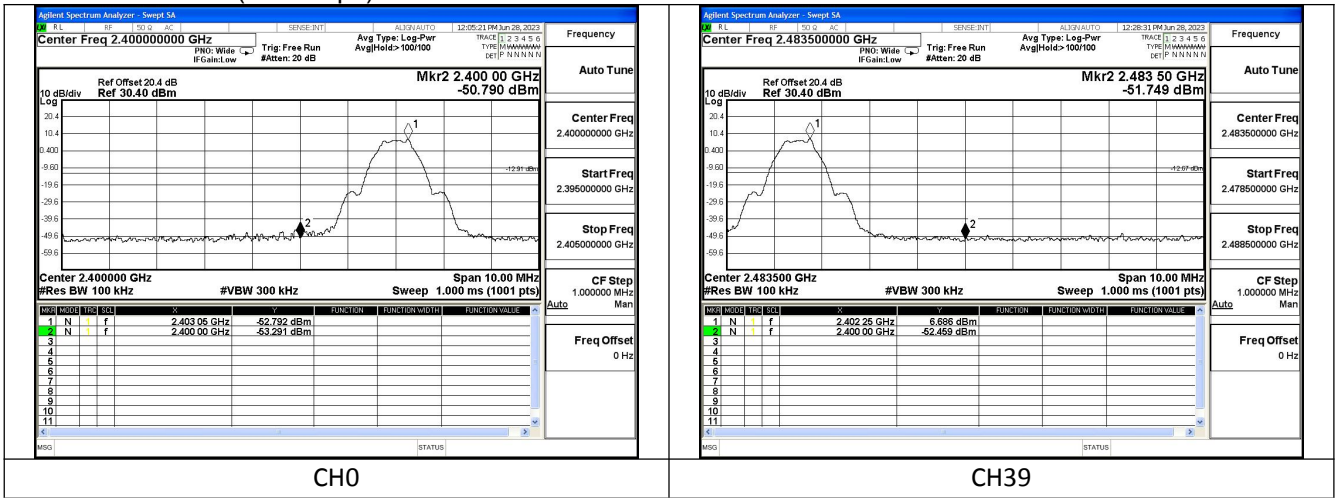


Test Mode: Coded 500K

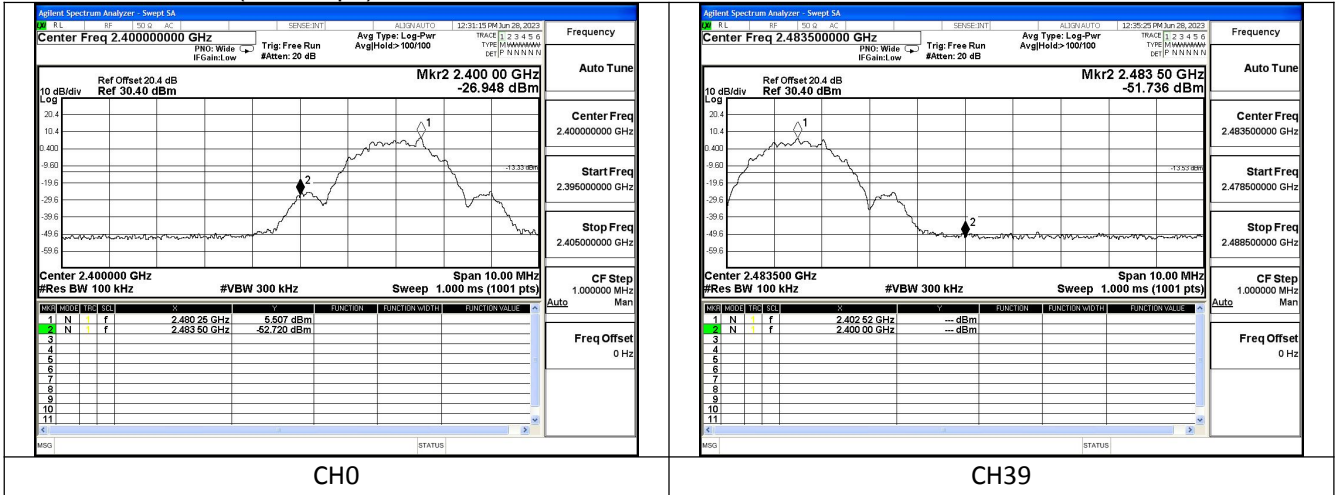


6 Band Edge measurement

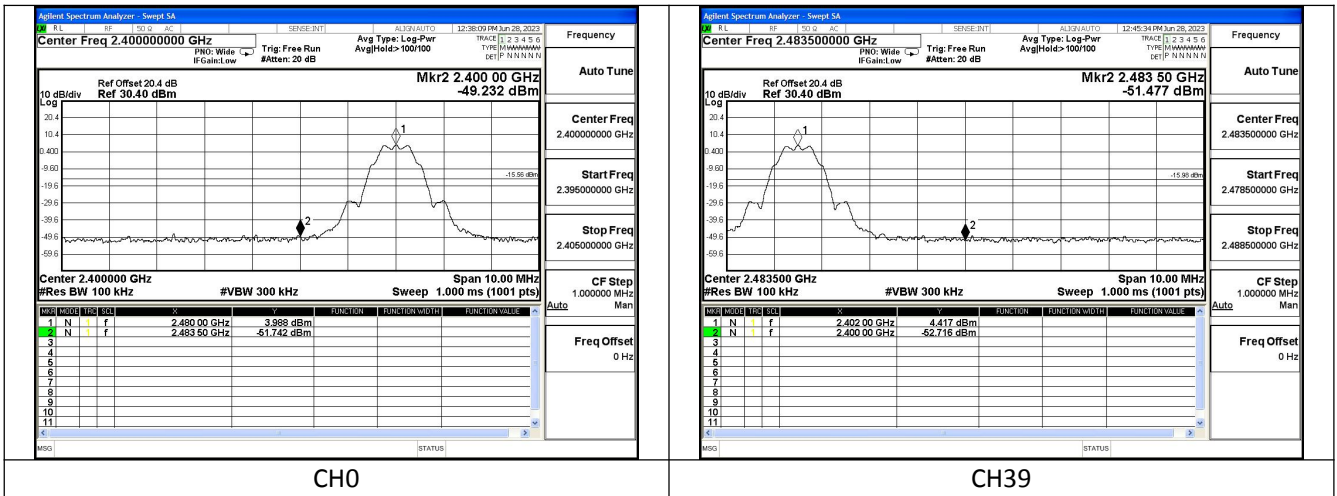
Test Mode: GFSK (LE 1Mbps)



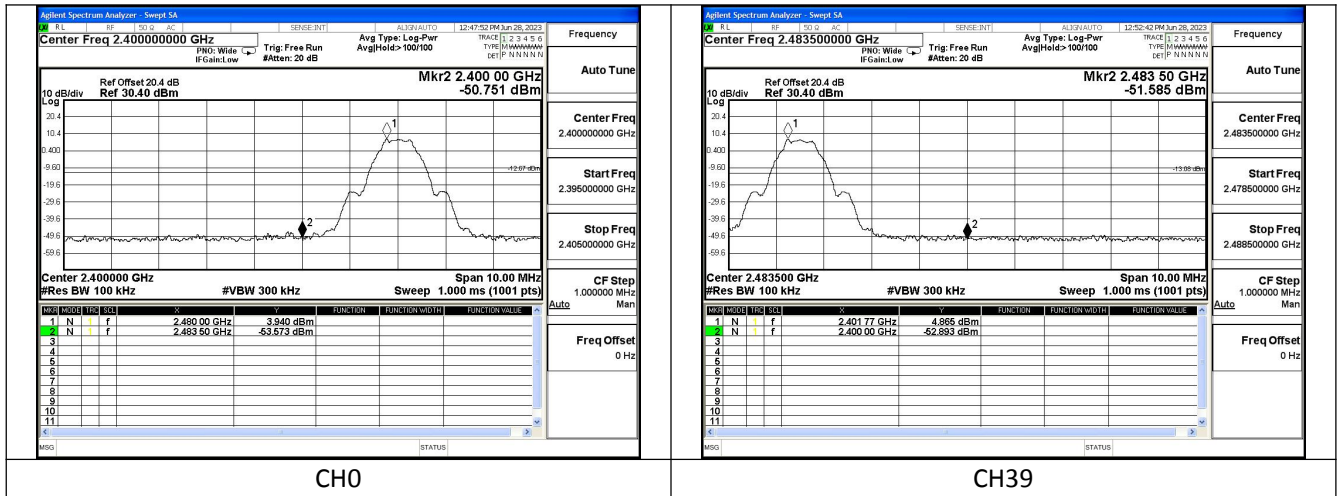
Test Mode: GFSK (LE 2Mbps)



Test Mode: Coded 125K



Test Mode: Coded 500K



APPENDIX B – TEST DATA OF RADIATED EMISSION

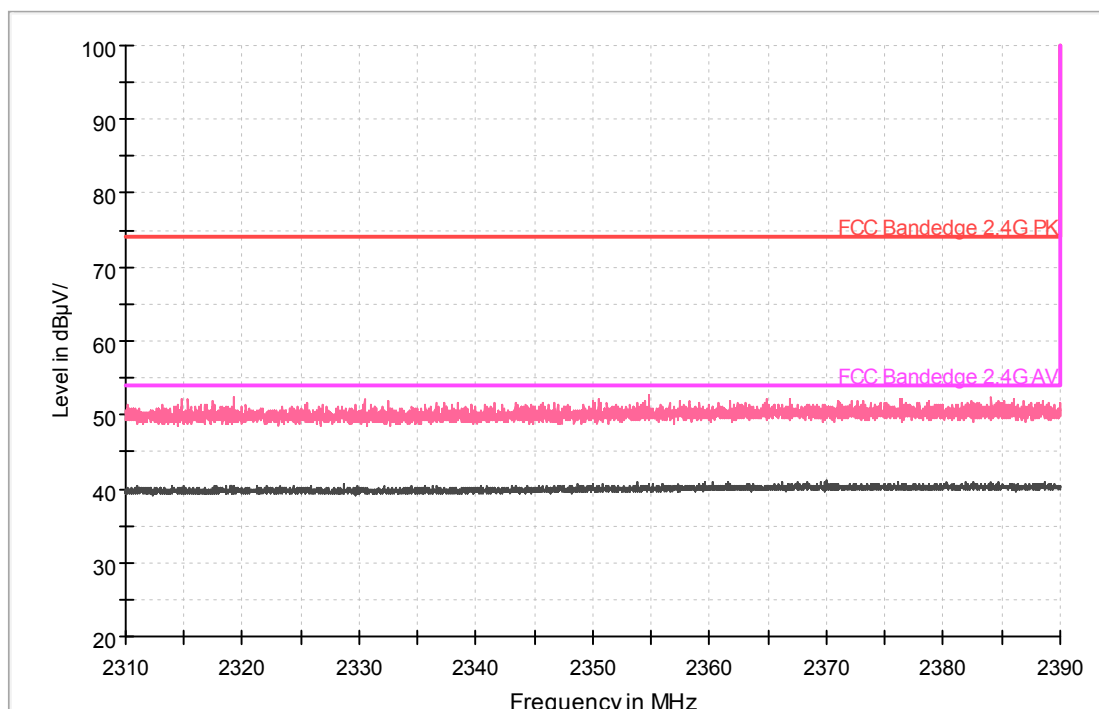
Note1: Both horizontal and vertical polarizations of the antenna are set to make the measurement.

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.

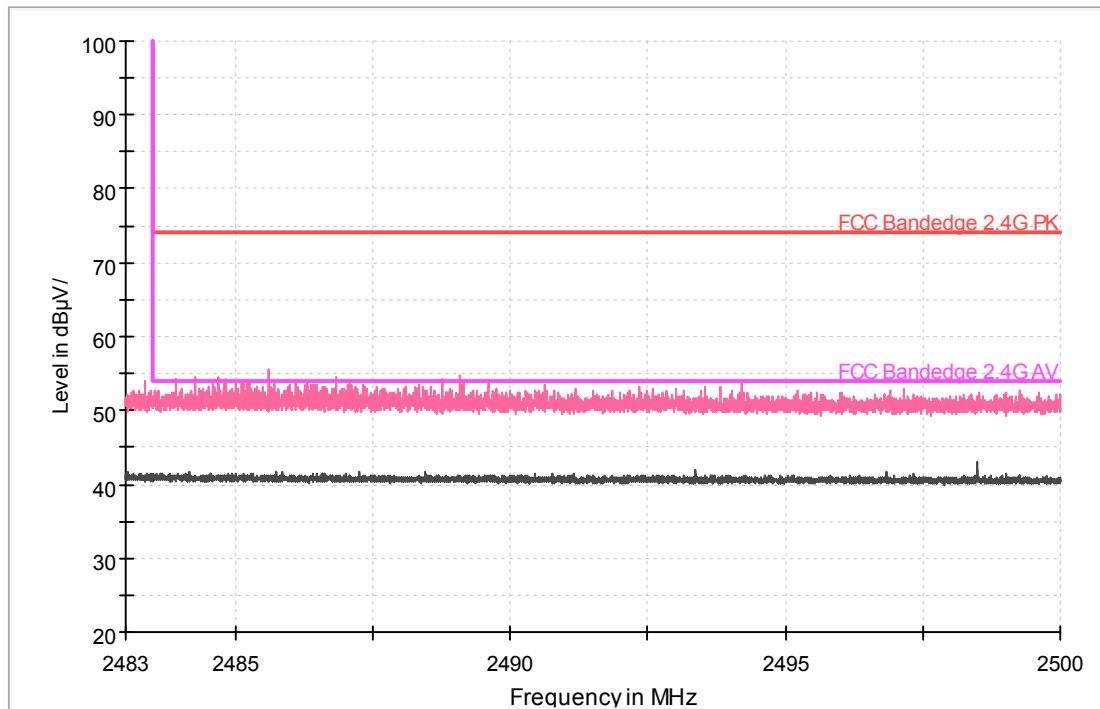


Carrier frequency (MHz): 2402

Channel No.: 0

Test Mode: GFSK (LE 1Mbps)

Polarity: Vertical



Carrier frequency (MHz): 2480
Channel No.:39
Test Mode: GFSK (LE 1Mbps)
Polarity: Vertical

Radiated Emission : unwanted emission

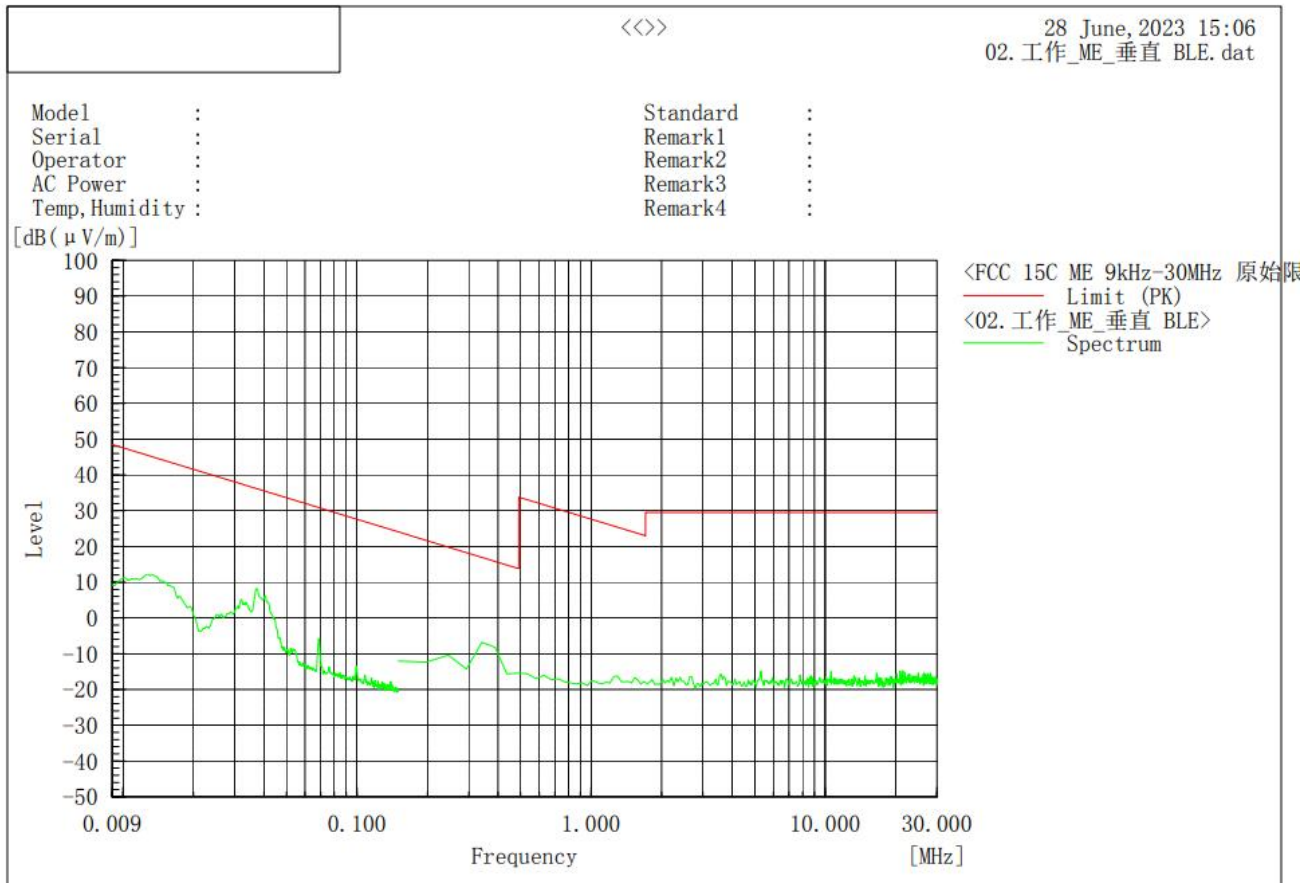
Test result

Sample Calculations

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

Channel No.:19

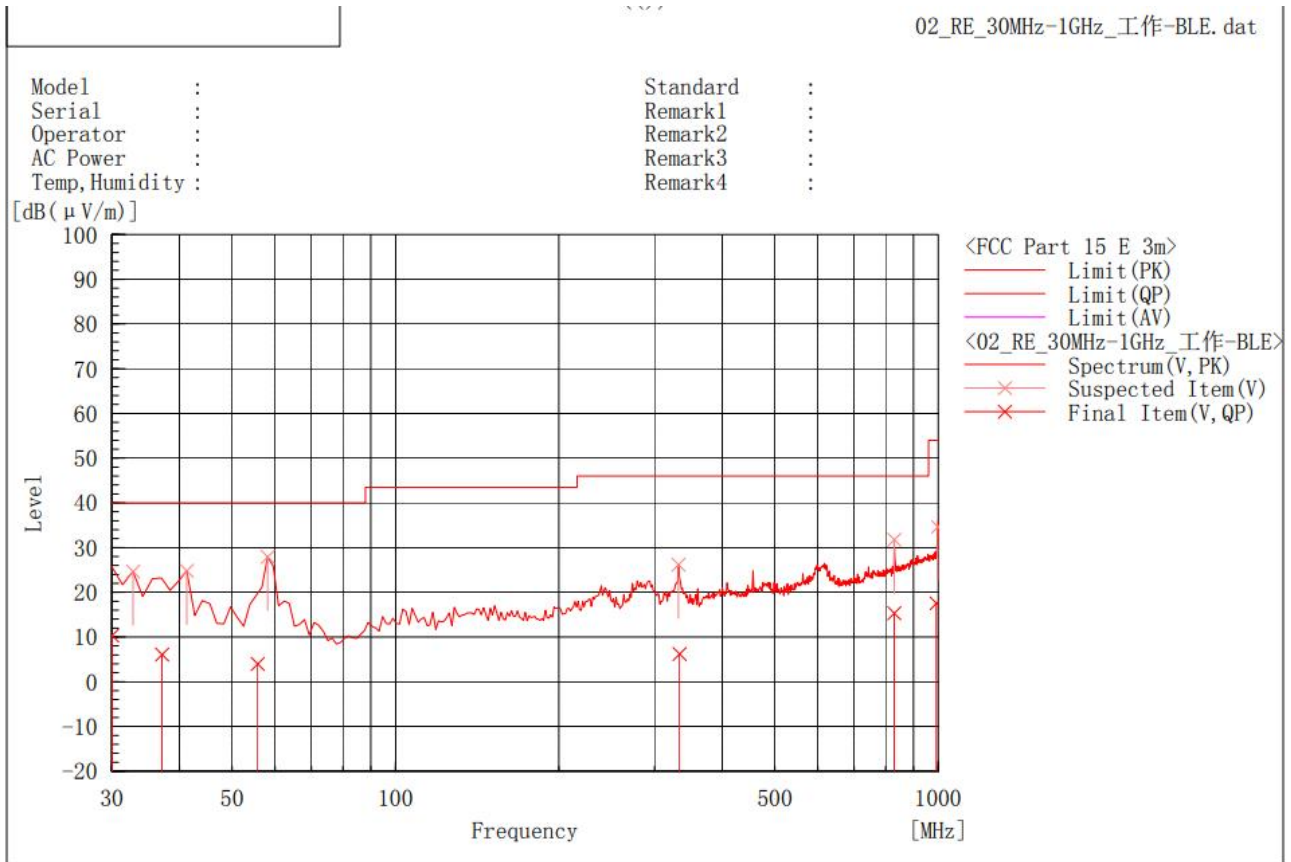
Carrier frequency (MHz): 2440



Frequency Range: 9kHz -30MHz

Detector: QP mode

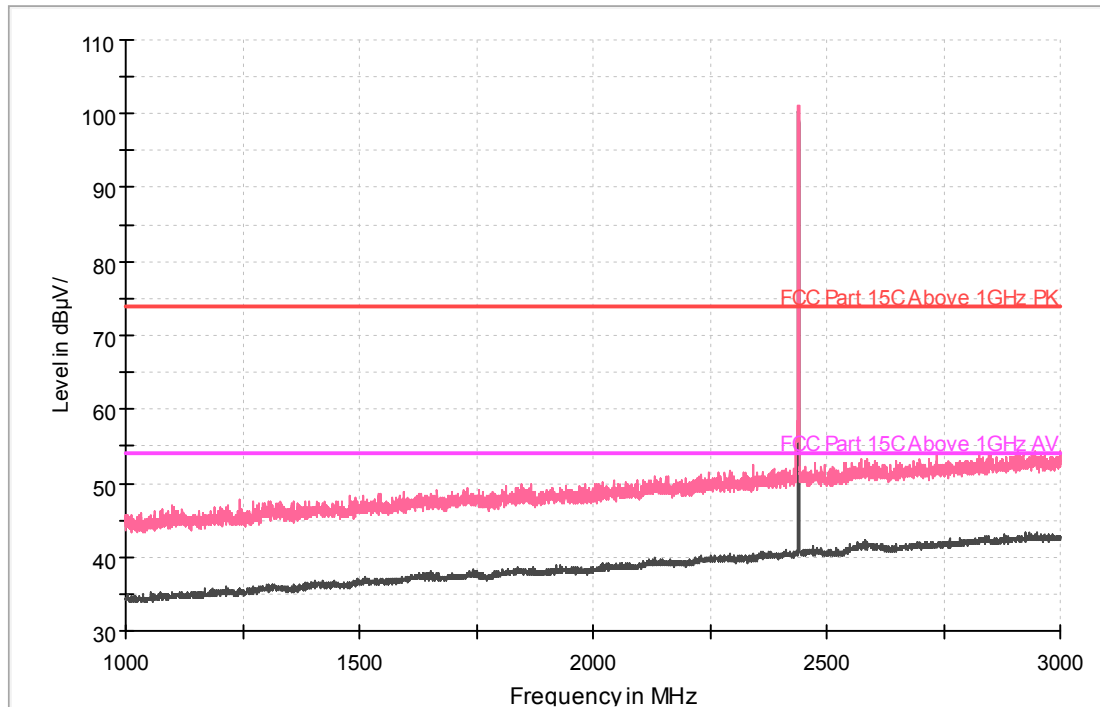
Note: The relevant tests have been performed in order to verify in which mode would have the worst features, the result show above is the worst case.



Final Result

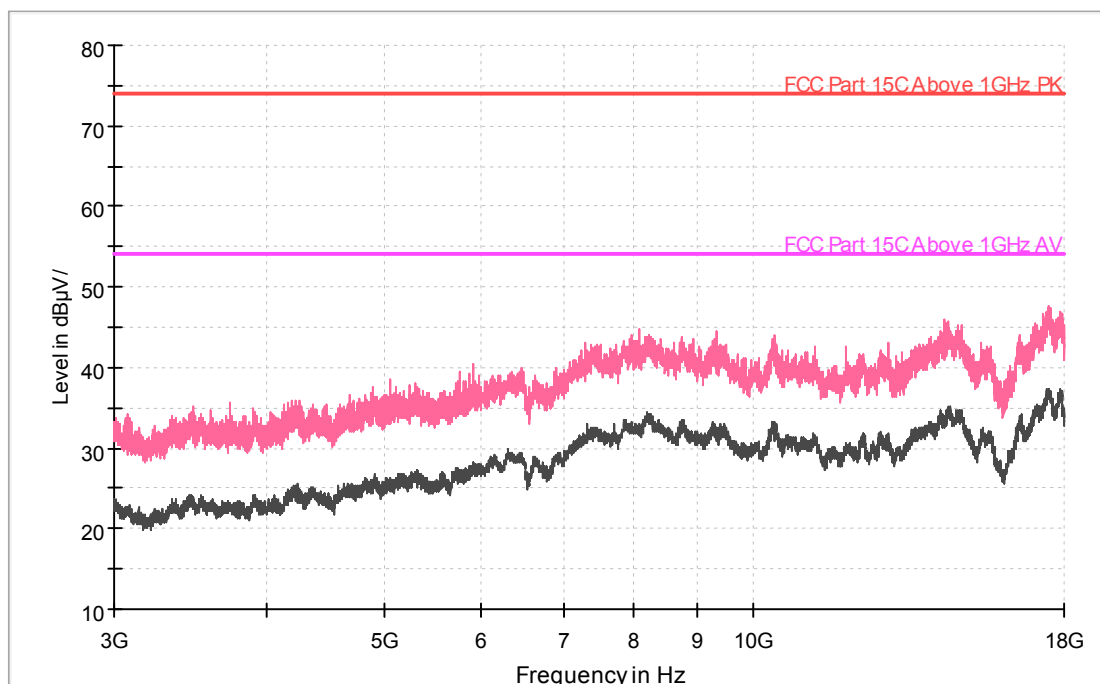
No.	Frequency [MHz]	(P)	Reading QP [dB (μV)]	c. f [dB (1/m)]	Result QP [dB (μV/m)]	Limit QP [dB (μV/m)]	Margin QP [dB]	Height [cm]	Angle [°]	Remark
1	30.019	V	24.1	-13.7	10.4	40.0	29.6	102.0	351.2	
2	37.133	V	19.5	-13.4	6.1	40.0	33.9	109.0	351.2	
3	55.730	V	16.6	-12.6	4.0	40.0	36.0	103.0	9.4	
4	333.537	V	15.9	-9.7	6.2	46.0	39.8	110.0	186.1	
5	829.169	V	16.1	-0.7	15.4	46.0	30.6	106.0	340.4	
6	992.415	V	14.9	2.7	17.6	54.0	36.4	105.0	145.9	

Frequency Range: 30MHz-1GHz
Detector: QP mode
Modulation type: GFSK (LE 1Mbps)



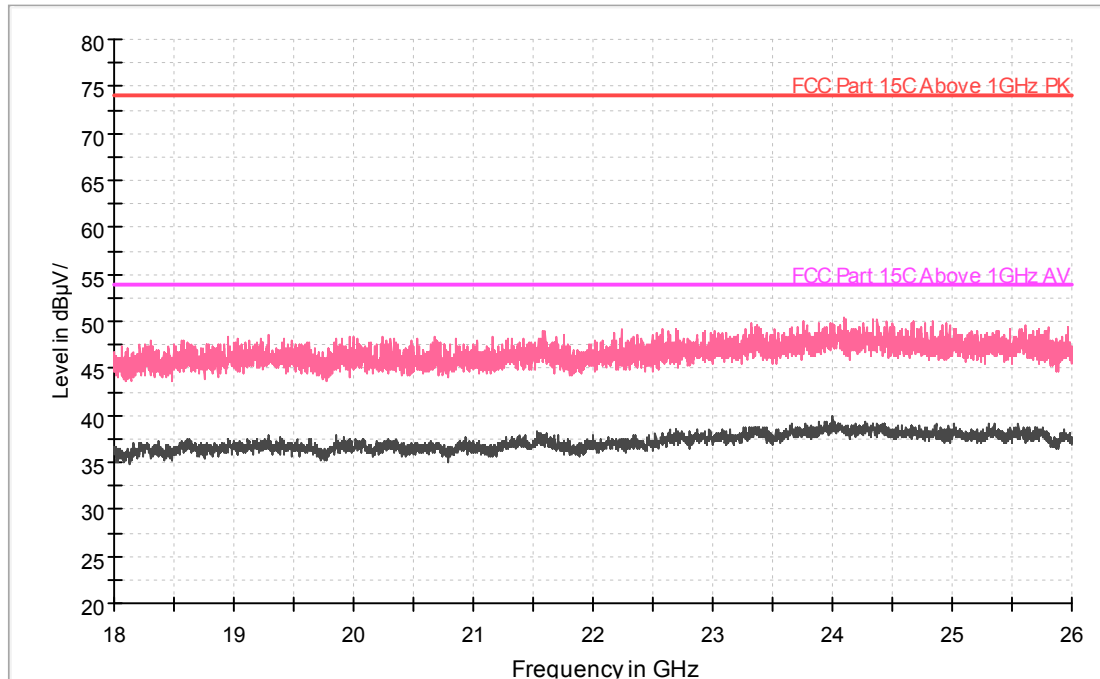
Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: GFSK (LE 1Mbps)

Full Spectrum



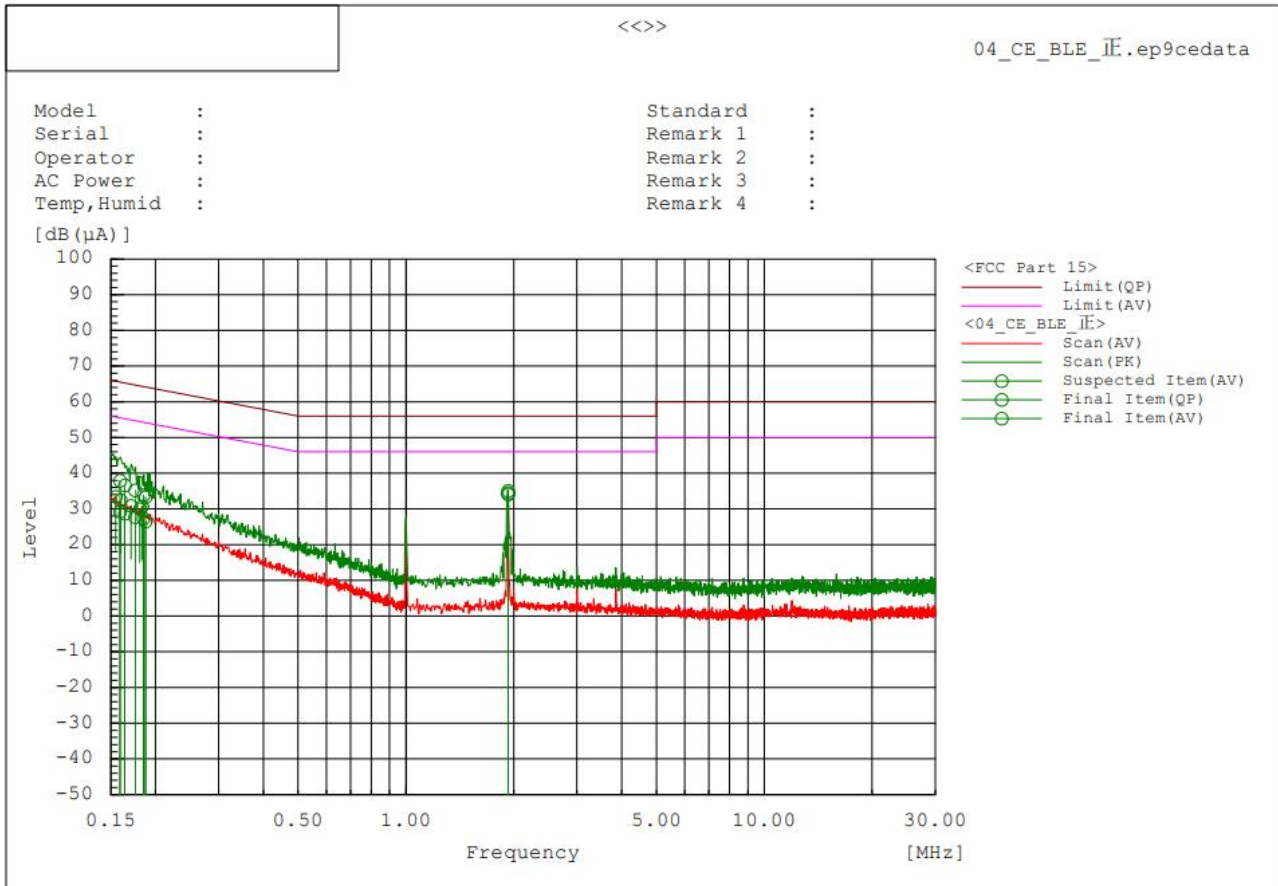
Frequency Range: 3GHz-18GHz
Detector: Av mode and PK mode
Modulation type: GFSK (LE 1Mbps)

Full Spectrum



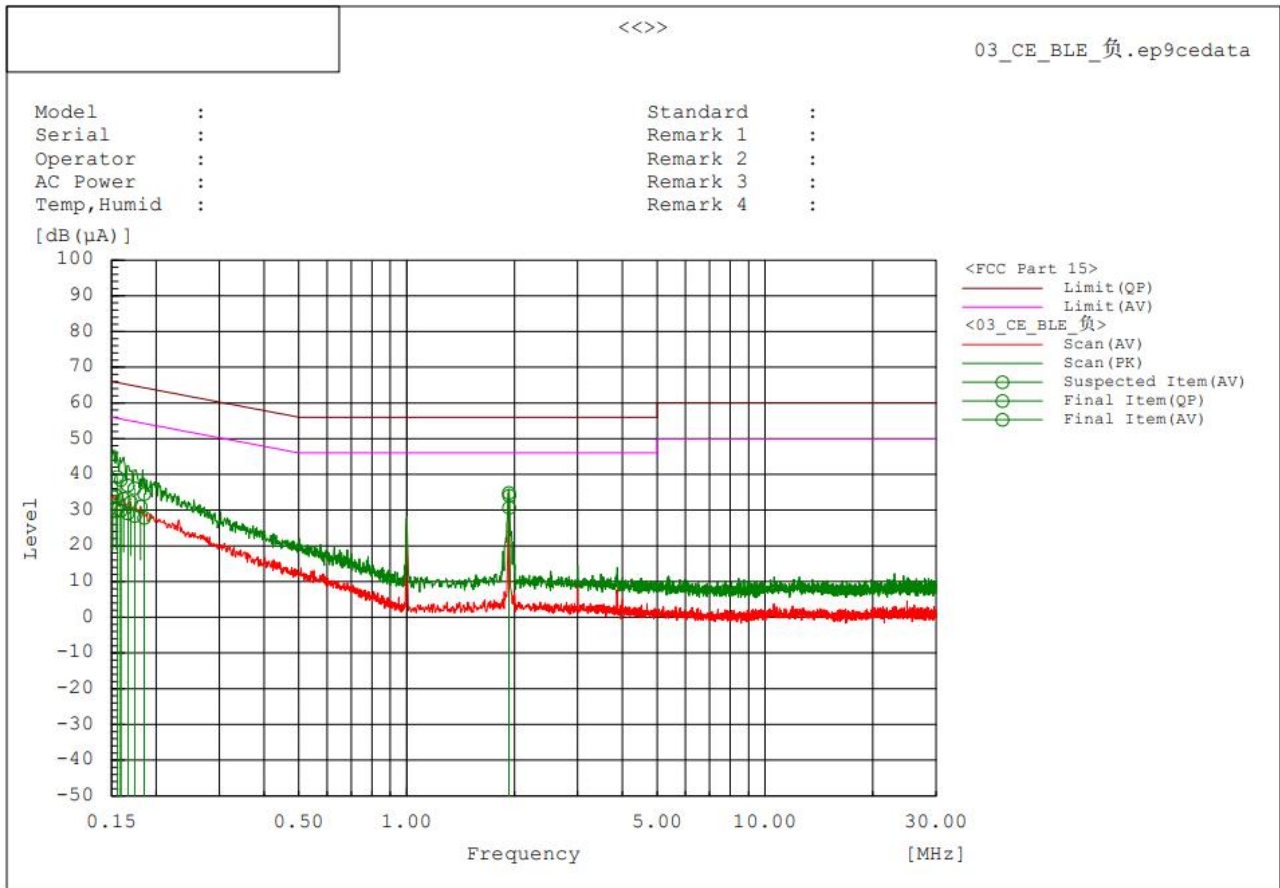
Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: GFSK (LE 1Mbps)

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	0.159		22.8	14.2	15.1	37.9	29.3	65.5	55.5	27.6	26.2
2	0.164		21.8	13.9	14.8	36.6	28.7	65.3	55.3	28.7	26.6
3	0.175		20.9	13.4	14.3	35.2	27.7	64.7	54.7	29.5	27.0
4	0.185		20.2	13.6	13.7	33.9	27.3	64.3	54.3	30.4	27.0
5	0.188		19.7	12.9	13.6	33.3	26.5	64.1	54.1	30.8	27.6
6	1.925		32.4	31.8	2.6	35.0	34.4	56.0	46.0	21.0	11.6



Final Result

No.	Frequency [MHz]	Meas. Position	Reading		c.f	Result		Limit		Margin	Margi
			QP [dB (μV)]	AV [dB (μV)]		QP [dB (μA)]	AV [dB (μA)]	QP [dB (μA)]	AV [dB (μA)]		
1	0.155		24.0	15.0	15.3	39.3	30.3	65.7	55.7	26.4	25.4
2	0.159		23.4	14.8	15.1	38.5	29.9	65.5	55.5	27.0	25.6
3	0.167		22.3	14.4	14.7	37.0	29.1	65.1	55.1	28.1	26.0
4	0.174		21.8	14.1	14.3	36.1	28.4	64.8	54.8	28.7	26.4
5	0.185		20.8	14.1	13.7	34.5	27.8	64.3	54.3	29.8	26.5
6	1.929		31.5	28.1	2.6	34.1	30.7	56.0	46.0	21.9	15.3