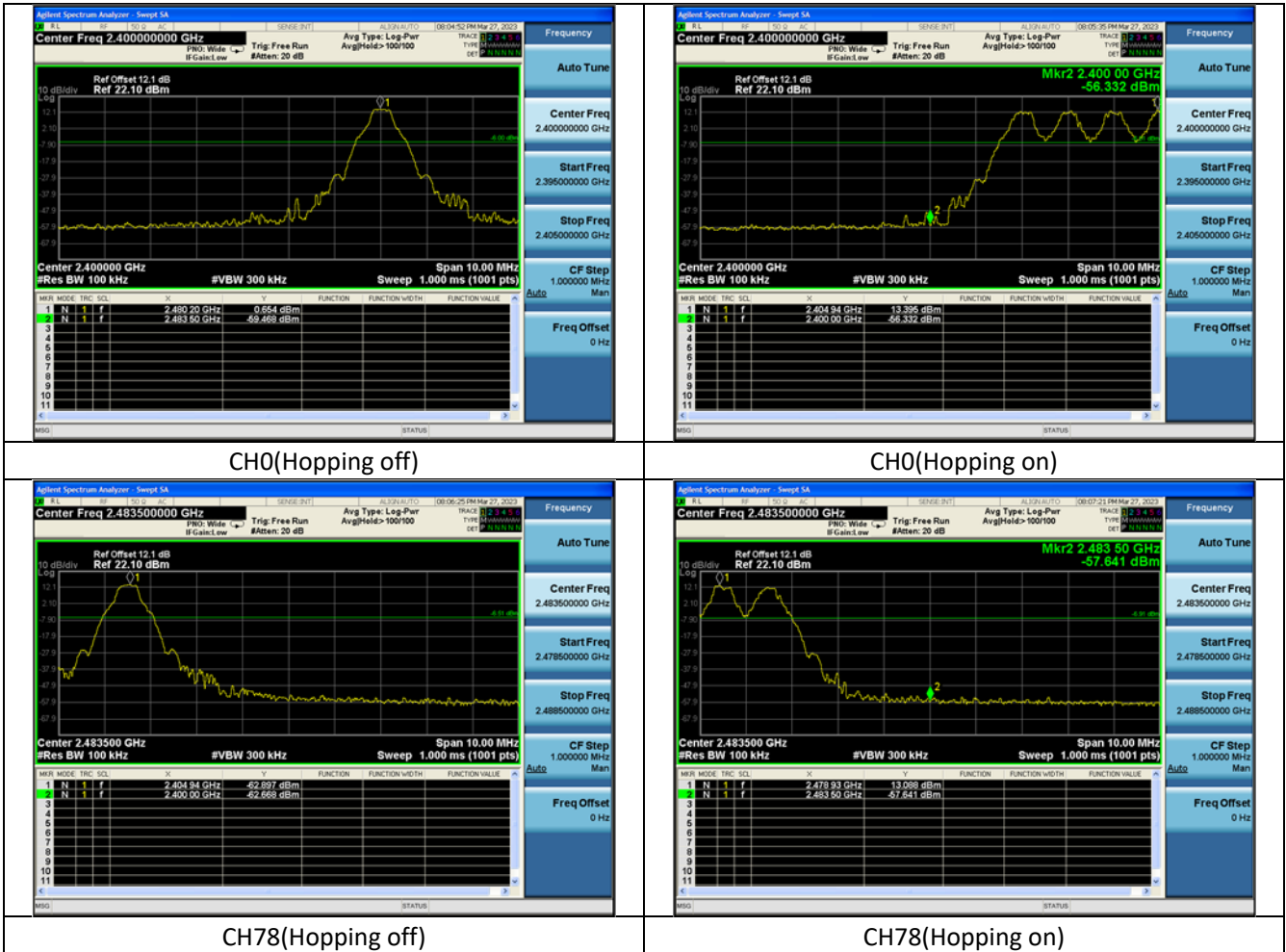
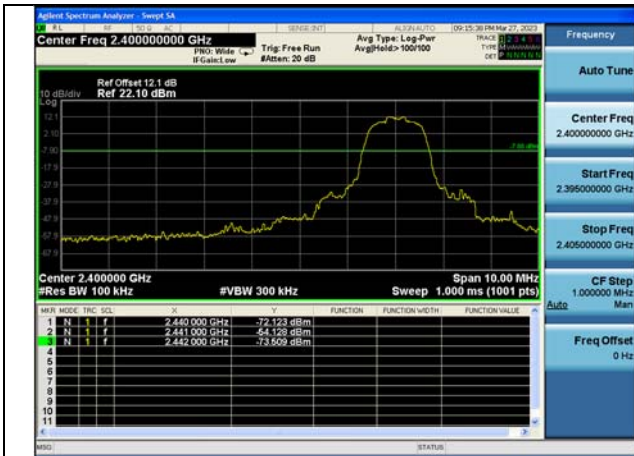


7 Band Edge measurement

Test Mode: GFSK



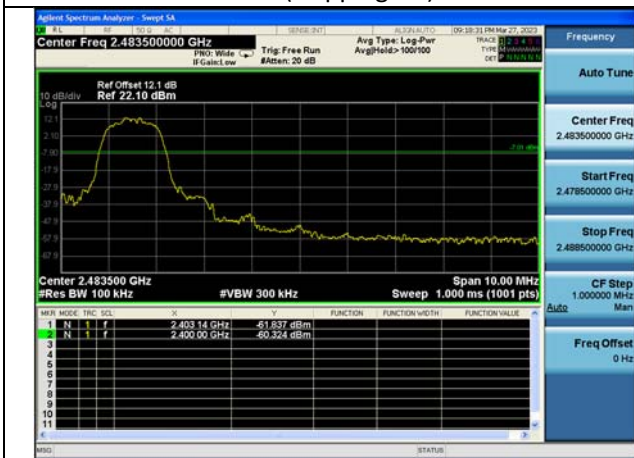
Test Mode: π /4DQPSK



CH0(Hopping off)



CH0(Hopping on)

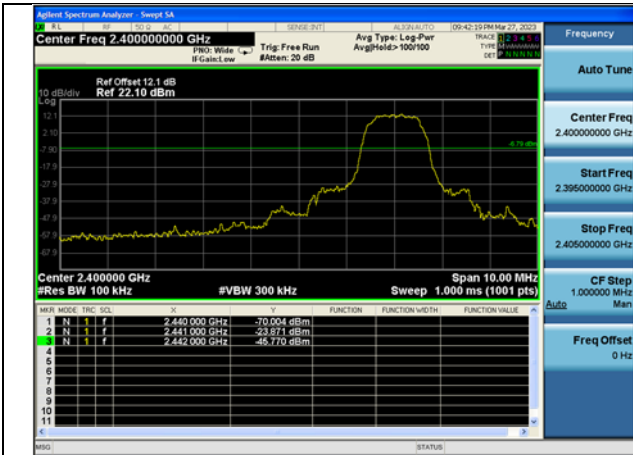


CH78(Hopping off)



CH78(Hopping on)

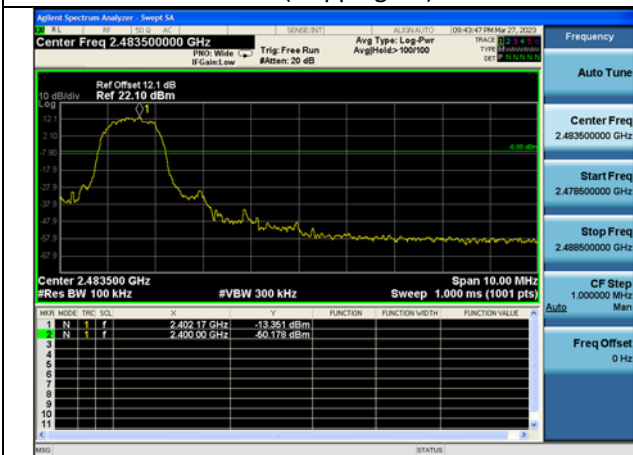
Test Mode: 8DPSK



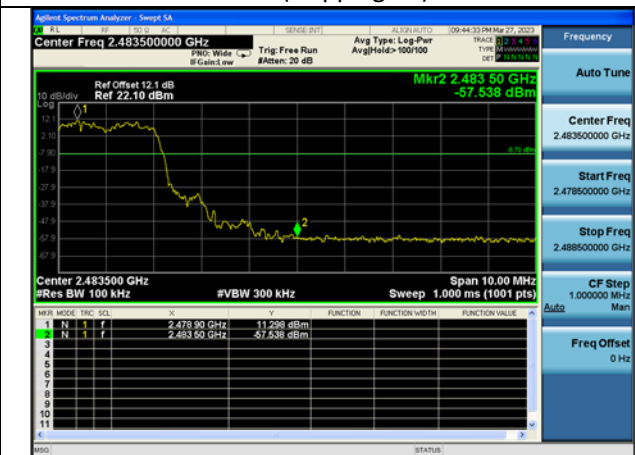
CH0(Hopping off)



CH0(Hopping on)



CH78(Hopping off)



CH78(Hopping on)

APPENDIX B – TEST DATA OF RADIATED EMISSION

Note: The worst channel results are reflected in the report.

Note: The scanned graph represents the maximum of both horizontal and vertical polarizations and is not a single horizontal or vertical polarization scan.

Radiated Emission Band Edge

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

Carrier frequency (MHz): 2402

Channel No.:0

Dectector: Peak							
Frequency	Reading	MaxPeak	Over	Limit	Cable	Antenna	Polarity
(MHz)	MaxPeak	(dBuV/m)	Limt	(dBuV/m)	Loss	Factor	
	(dBuV)		(dB)		(dB)	(dB)	
2402.0	63.20	97.20	N/A	N/A	8.90	25.10	Vertical
2390.0	24.33	58.33	-15.67	74.00	8.90	25.10	Vertical

Dectector: Average							
Frequency	Reading	Average	Over	Limit	Cable	Antenna	Polarity
(MHz)	Average	(dBuV/m)	Limt	(dBuV/m)	Loss	Factor	
	(dBuV)		(dB)		(dB)	(dB)	
2402.0	63.49	97.49	N/A	N/A	8.90	25.10	Vertical
2390.0	11.53	45.53	-8.47	54.00	8.90	25.10	Vertical

Carrier frequency (MHz): 2480

Channel No.:78

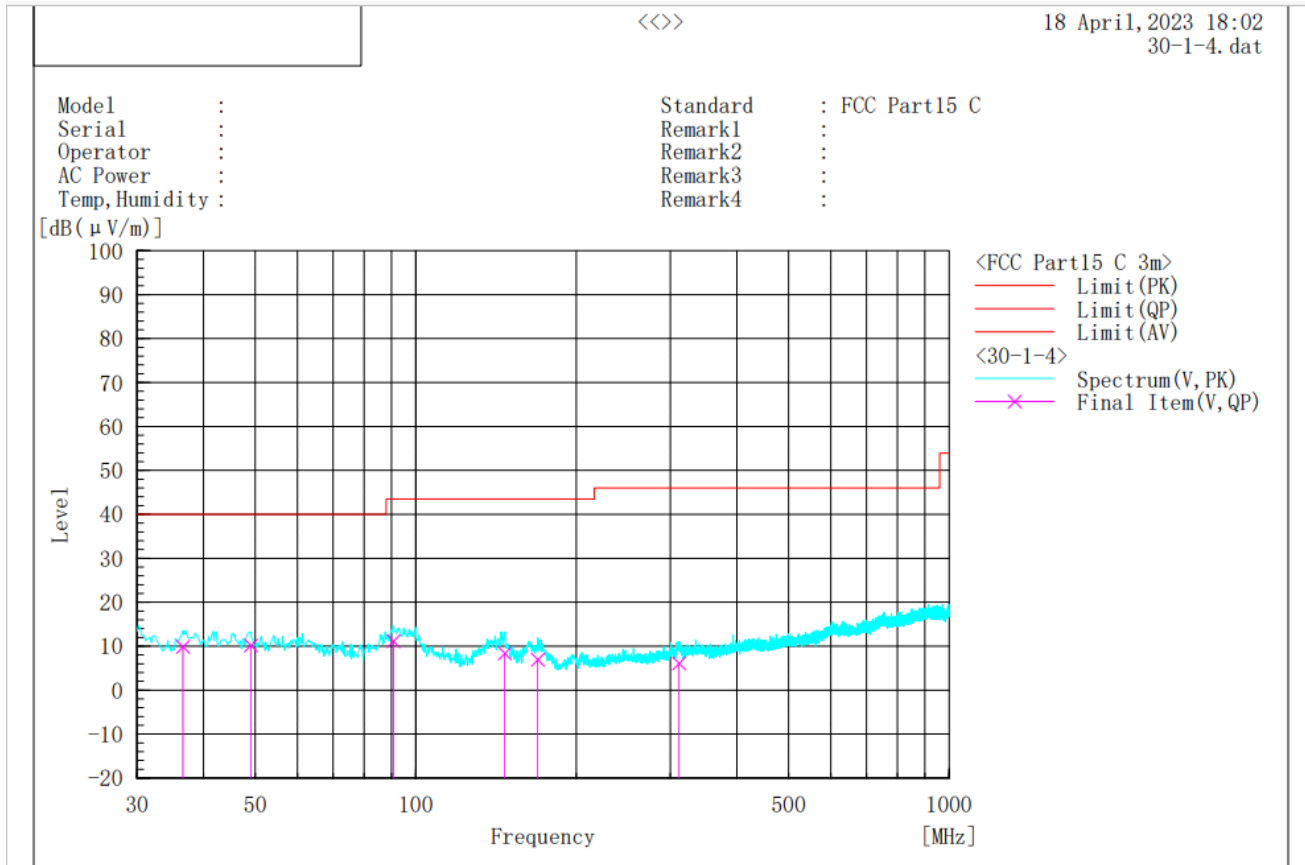
Dectector: Peak							
Frequency	Reading	MaxPeak	Over	Limit	Cable	Antenna	Polarity
(MHz)	MaxPeak	(dBuV/m)	Limt	(dBuV/m)	Loss	Factor	
	(dBuV)		(dB)		(dB)	(dB)	
2480.0	59.76	93.76	N/A	N/A	8.90	25.10	Vertical
2483.5	24.11	58.11	-15.89	74.00	8.90	25.10	Vertical

Dectector: Average							
Frequency	Reading	Average	Over	Limit	Cable	Antenna	Polarity
(MHz)	Average	(dBuV/m)	Limt	(dBuV/m)	Loss	Factor	
	(dBuV)		(dB)		(dB)	(dB)	
2480.0	60.82	94.82	N/A	N/A	8.90	25.10	Vertical
2483.5	11.91	45.91	-8.09	54.00	8.90	25.10	Vertical

RE Sample Calculations

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

CH39

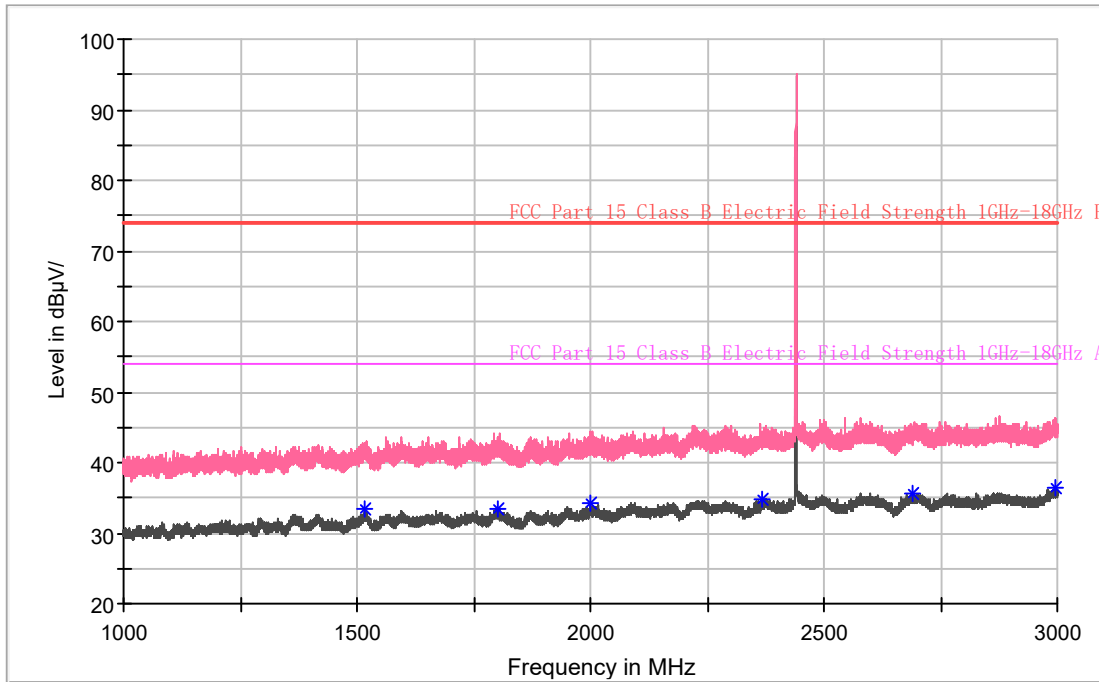


Final Result

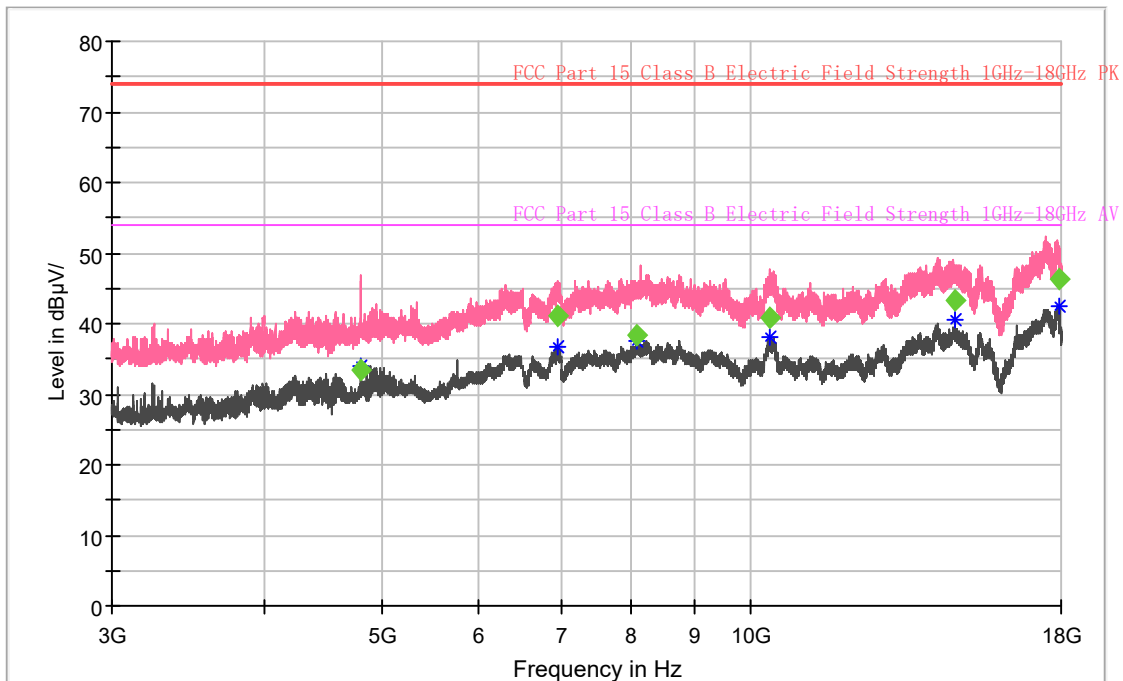
No.	Frequency [MHz]	(P)	Reading QP [dB(μV)]	c. f [dB(1/m)]	Result QP [dB(μV/m)]	Limit QP [dB(μV/m)]	Margin QP [dB]	Height [cm]	Angle [°]	Remark
1	36.597	V	58.0	-48.1	9.9	40.0	30.1	100.0	102.6	
2	49.016	V	56.4	-46.2	10.2	40.0	29.8	100.0	267.4	
3	90.734	V	60.5	-49.4	11.1	43.5	32.4	207.0	62.0	
4	146.811	V	59.9	-51.5	8.4	43.5	35.1	151.0	285.4	
5	169.320	V	57.5	-50.5	7.0	43.5	36.5	205.0	349.2	
6	311.550	V	51.6	-45.5	6.1	46.0	39.9	150.0	162.0	

Frequency Range: 30MHz -1GHz

Full Spectrum



Full Spectrum



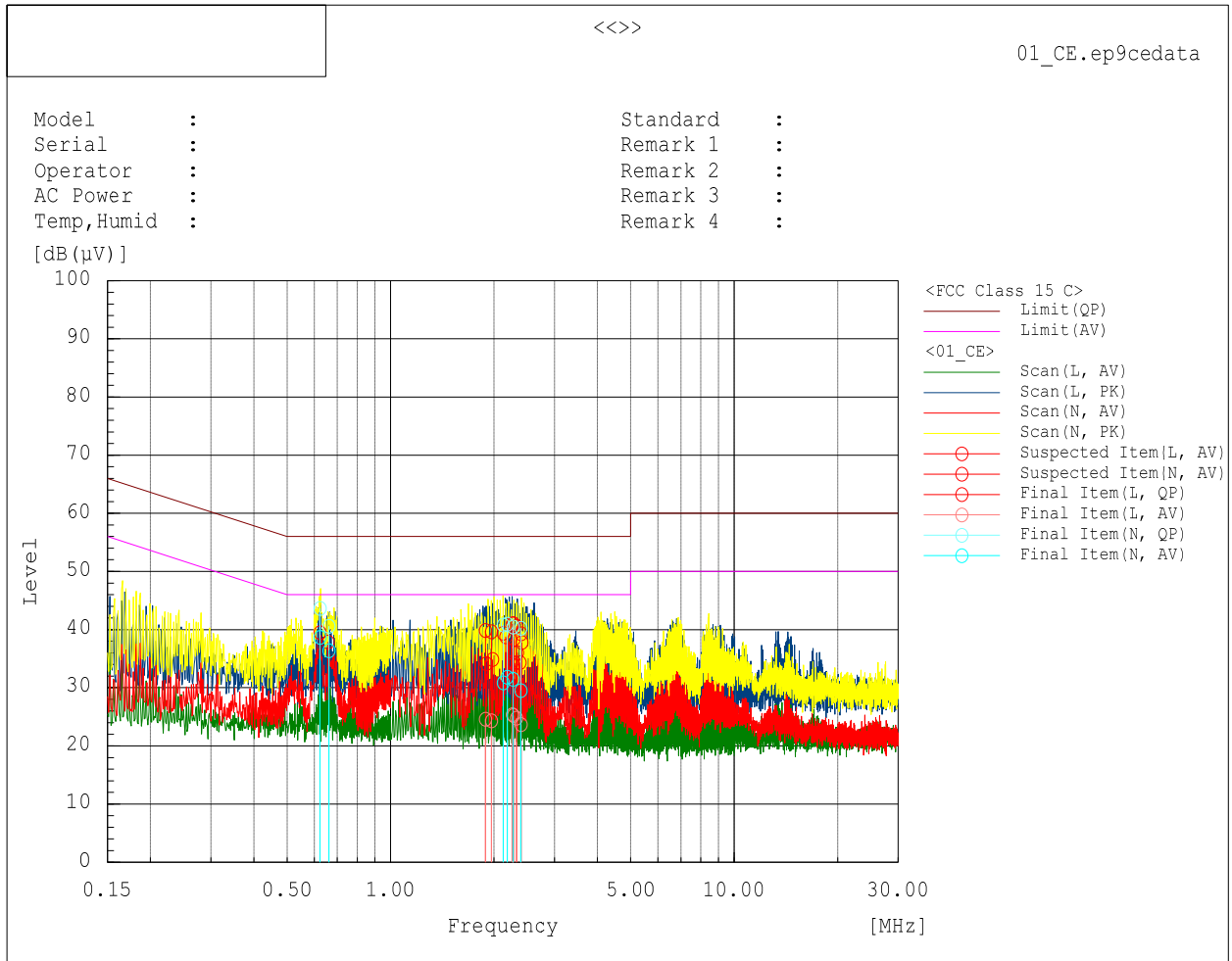
Frequency (MHz)	Reading (dBuV)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Arpl (dB)	Polarity
1517.90	51.84	33.34	54.00	20.66	-18.50	Vertical
1801.80	51.77	33.47	54.00	20.53	-18.30	Vertical
1998.30	52.44	34.34	54.00	19.66	-18.10	Vertical

2366.70	52.23	34.93	54.00	19.07	-17.30	Vertical
2690.60	51.80	35.60	54.00	18.40	-16.20	Vertical
2995.50	51.99	36.49	54.00	17.51	-15.50	Vertical

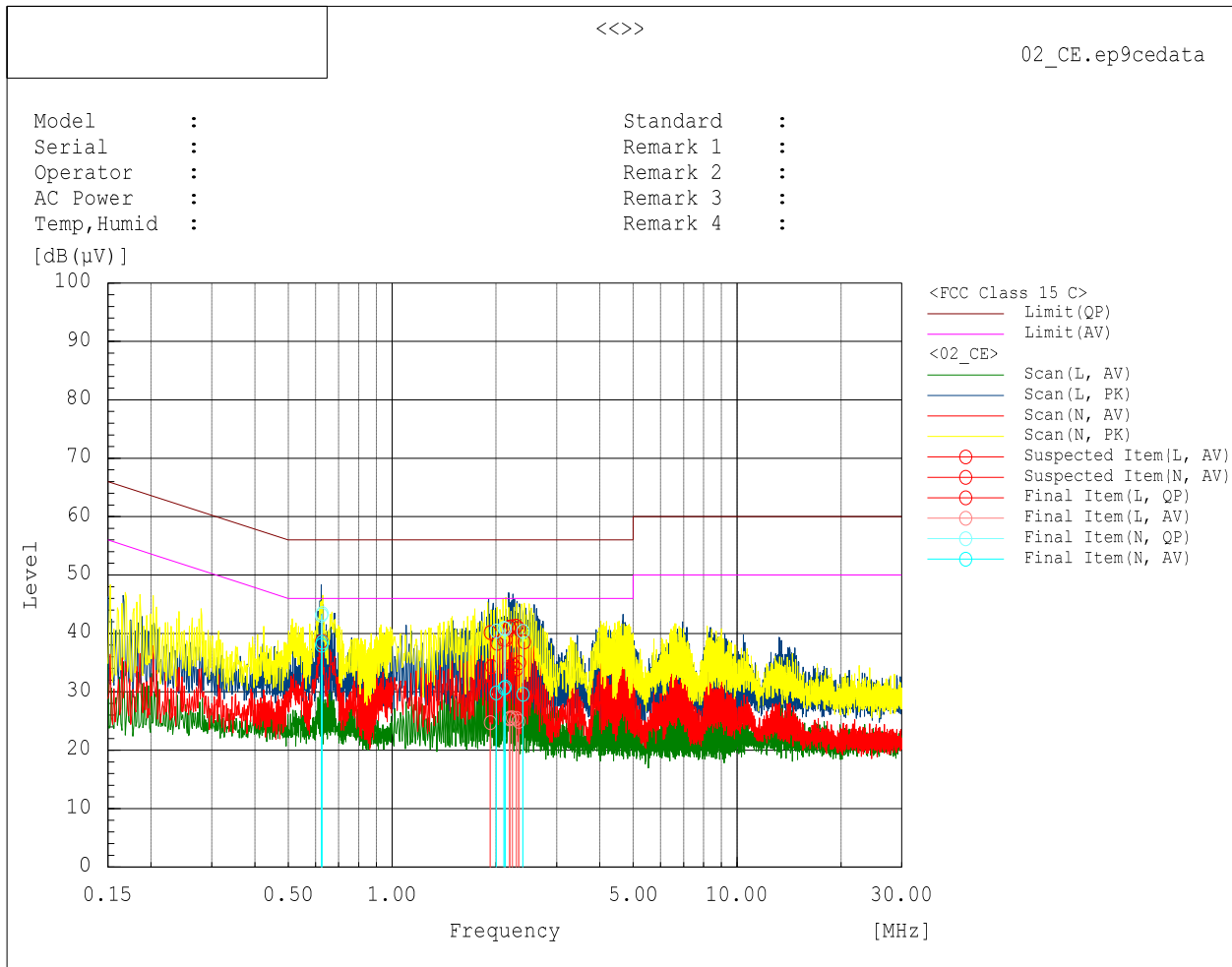
Frequency (MHz)	Reading (dBuV)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Arpl (dB)	Polarity
1517.90	55.20	33.50	54.00	20.50	-21.70	Vertical
1801.80	58.17	40.97	54.00	13.03	-17.20	Vertical
1998.30	52.07	38.37	54.00	15.63	-13.70	Vertical
2366.70	52.85	40.85	54.00	13.15	-12.00	Vertical
2690.60	54.12	43.42	54.00	10.58	-10.70	Vertical
2995.50	53.94	46.34	54.00	7.66	-7.60	Vertical

Frequency Range: 1MHz -18GHz

AC Power line Conducted Emission MEASUREMENT RESULT:



Range	Frequency MHz	Line	Reading			Factor dB	Level dB(μV)			Limit dB(μV)			Margin dB			Pass/Fail	Remark
			dB(μV)				dB(μV)			dB(μV)			dB				
			QP	AV	PK		QP	AV	PK	QP	AV	PK	QP	AV	PK		
Band1	1.89	L	19.9	4.7		19.9	39.8	24.6		56	46		16.2	21.4		Pass	
Band1	1.97	L	19.7	4.4		19.9	39.6	24.3		56	46		16.4	21.7		Pass	
Band1	2.26	L	21.1	5.5		19.9	41	25.4		56	46		15	20.6		Pass	
Band1	2.28	L	21.1	5.4		19.9	41	25.3		56	46		15	20.7		Pass	
Band1	2.33	L	20.7	4.9		19.9	40.6	24.8		56	46		15.4	21.2		Pass	
Band1	2.4	L	19.4	3.8		19.9	39.3	23.7		56	46		16.7	22.3		Pass	
Band1	0.62	N	23.8	19		19.9	43.7	38.7		56	46		12.3	7.3		Pass	
Band1	0.66	N	20.7	17		19.9	40.6	36.4		56	46		15.4	9.6		Pass	
Band1	2.13	N	20.9	11		19.9	40.8	30.9		56	46		15.2	15.1		Pass	
Band1	2.19	N	21	12		19.9	40.9	31.8		56	46		15.1	14.2		Pass	
Band1	2.27	N	20.5	12		19.9	40.4	31.5		56	46		15.6	14.5		Pass	
Band1	2.4	N	20.4	9.6		19.9	40.3	29.5		56	46		15.7	16.5		Pass	



Range	Frequency MHz	Line	Reading			Factor dB	Level			Limit			Margin			Pass/Fail	Remark
			dB(μV)				dB(μV)			dB(μV)			dB				
			QP	AV	PK		QP	AV	PK	QP	AV	PK	QP	AV	PK		
Band1	0.62	N	23.2	18		19.9	43.1	38		56	46		12.9	8		Pass	
Band1	0.63	N	23.5	19		19.9	43.4	38.5		56	46		12.6	7.5		Pass	
Band1	2	N	20.5	10		19.9	40.4	29.9		56	46		15.6	16.1		Pass	
Band1	2.11	N	21	11		19.9	40.9	30.7		56	46		15.1	15.3		Pass	
Band1	2.13	N	20.9	11		19.9	40.8	30.8		56	46		15.2	15.2		Pass	
Band1	2.4	N	20.5	9.7		19.9	40.4	29.6		56	46		15.6	16.4		Pass	
Band1	1.93	L	20.3	4.9		19.9	40.2	24.8		56	46		15.8	21.2		Pass	
Band1	2.19	L	21.2	5.5		19.9	41.1	25.4		56	46		14.9	20.6		Pass	
Band1	2.19	L	21.2	5.6		19.9	41.1	25.5		56	46		14.9	20.5		Pass	
Band1	2.23	L	21.3	5.6		19.9	41.2	25.5		56	46		14.8	20.5		Pass	
Band1	2.29	L	21.4	5.6		19.9	41.3	25.5		56	46		14.7	20.5		Pass	
Band1	2.33	L	20.9	5.1		19.9	40.8	25		56	46		15.2	21		Pass	

---End of Test Report---