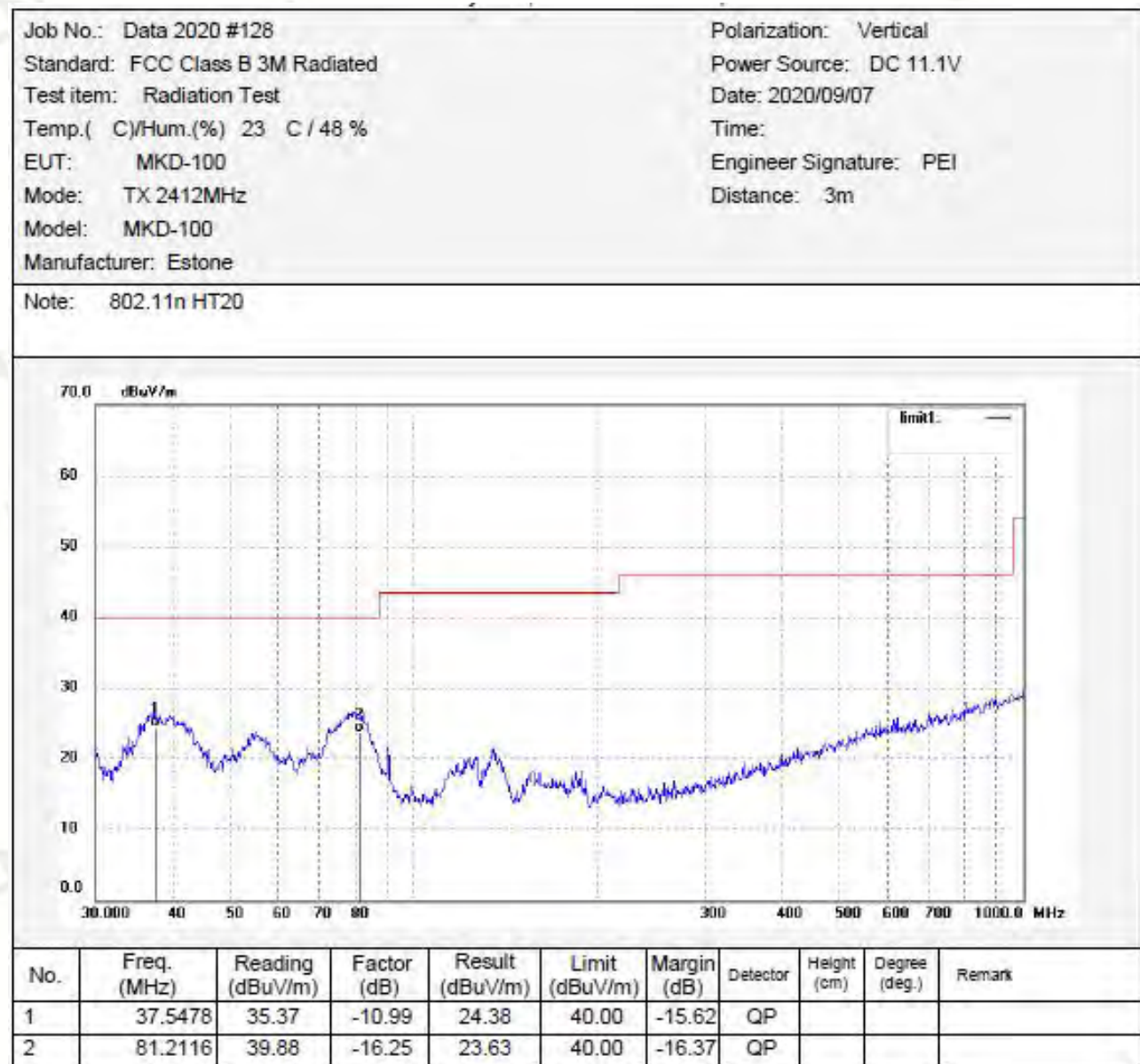
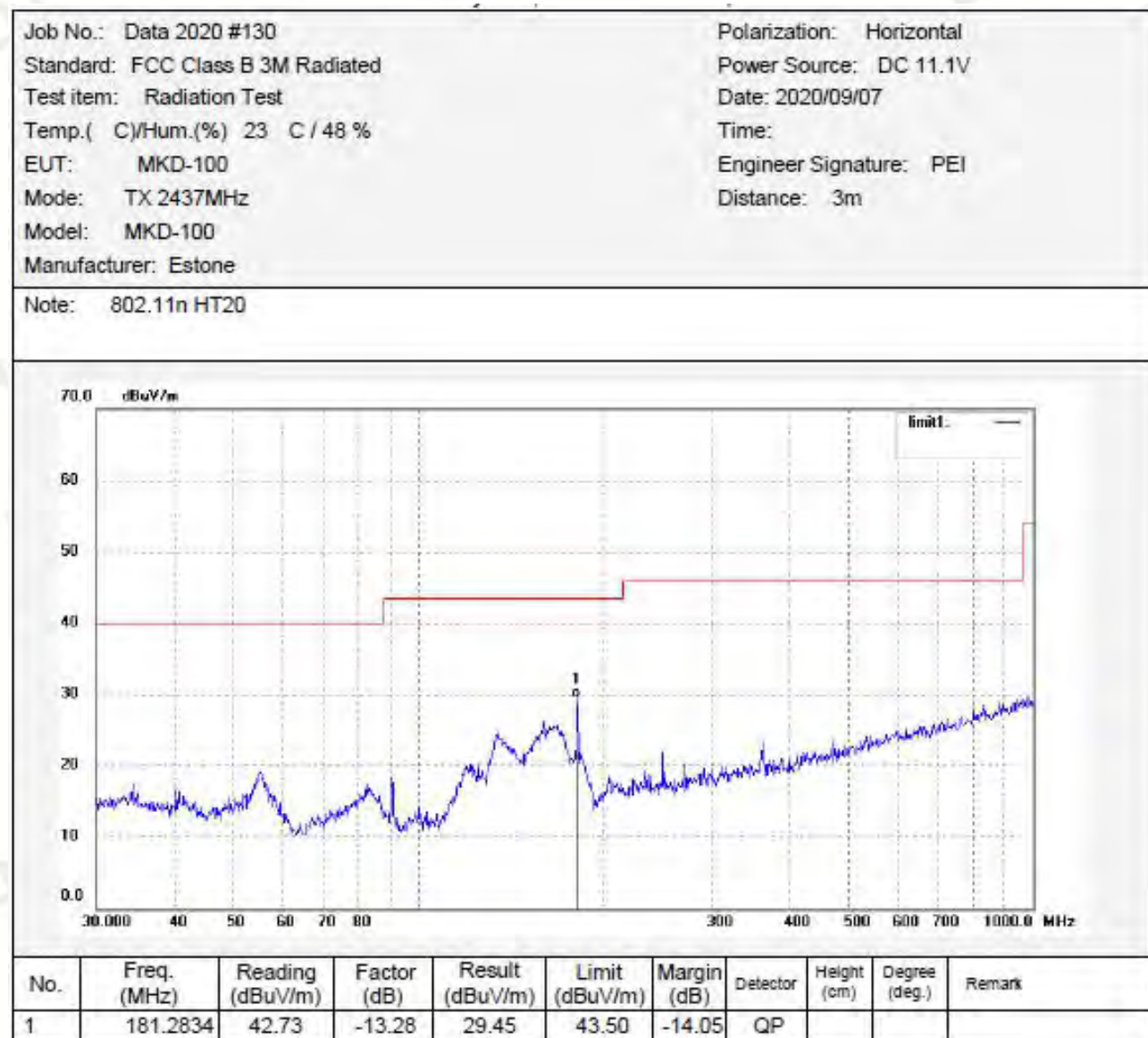


E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT20	Humidity:	48 %
Frequency Range:	30MHz-1GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2412MHz	Test Results:	PASS



E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT20	Humidity:	48 %
Frequency Range:	30MHz-1GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2437MHz	Test Results:	PASS

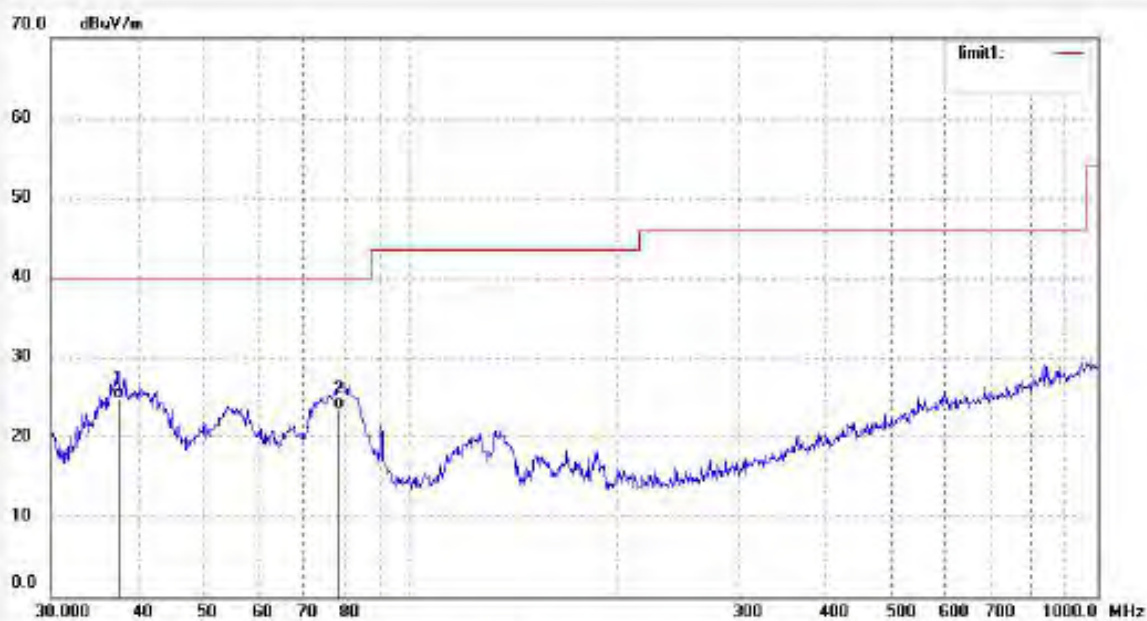


E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT20	Humidity:	48 %
Frequency Range:	30MHz-1GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2437MHz	Test Results:	PASS

Job No.: Data 2020 #129
 Standard: FCC Class B 3M Radiated
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 23 C / 48 %
 EUT: MKD-100
 Mode: TX 2437MHz
 Model: MKD-100
 Manufacturer: Estone

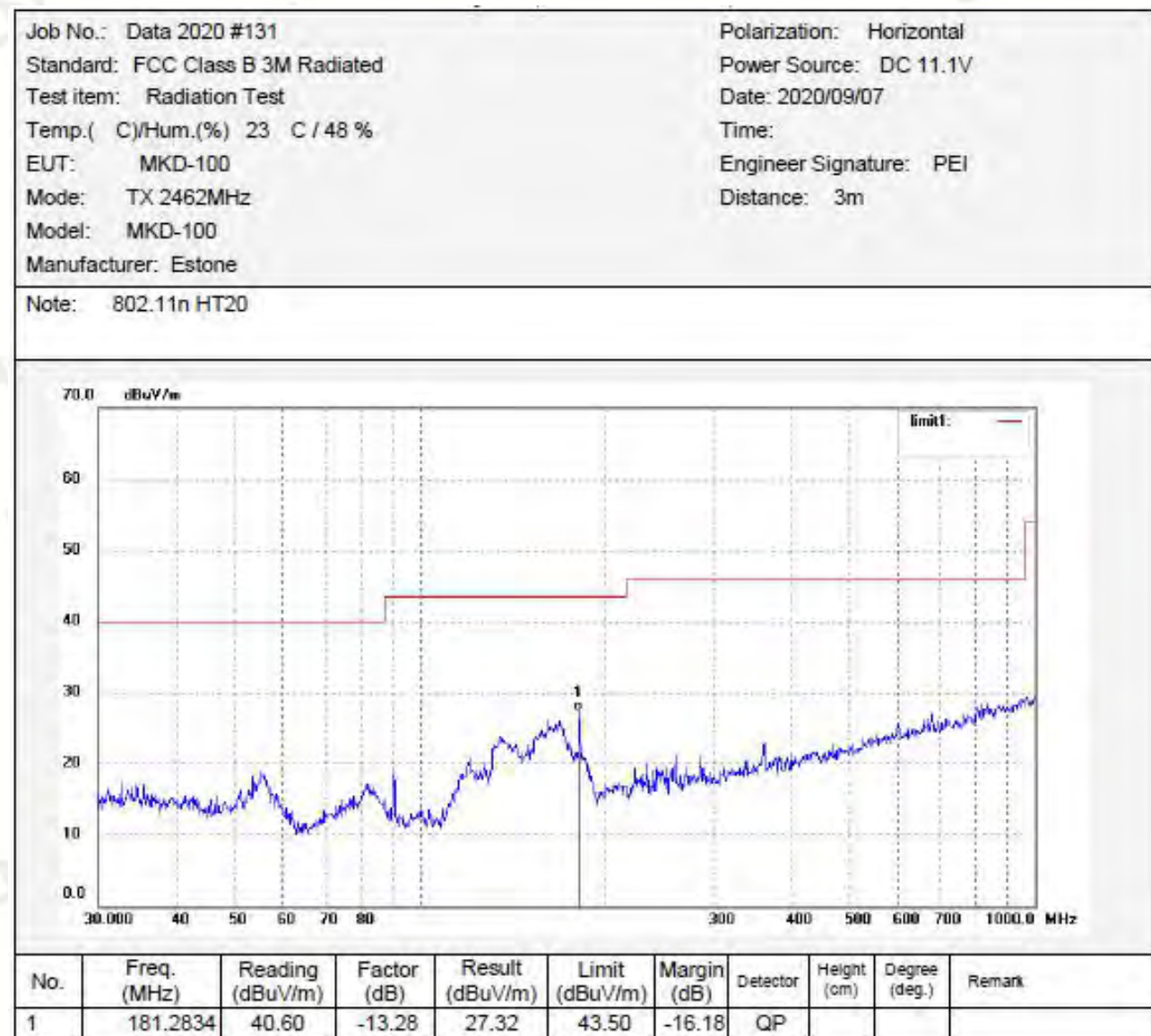
Polarization: Vertical
 Power Source: DC 11.1V
 Date: 2020/09/07
 Time:
 Engineer Signature: PEI
 Distance: 3m

Note: 802.11n HT20

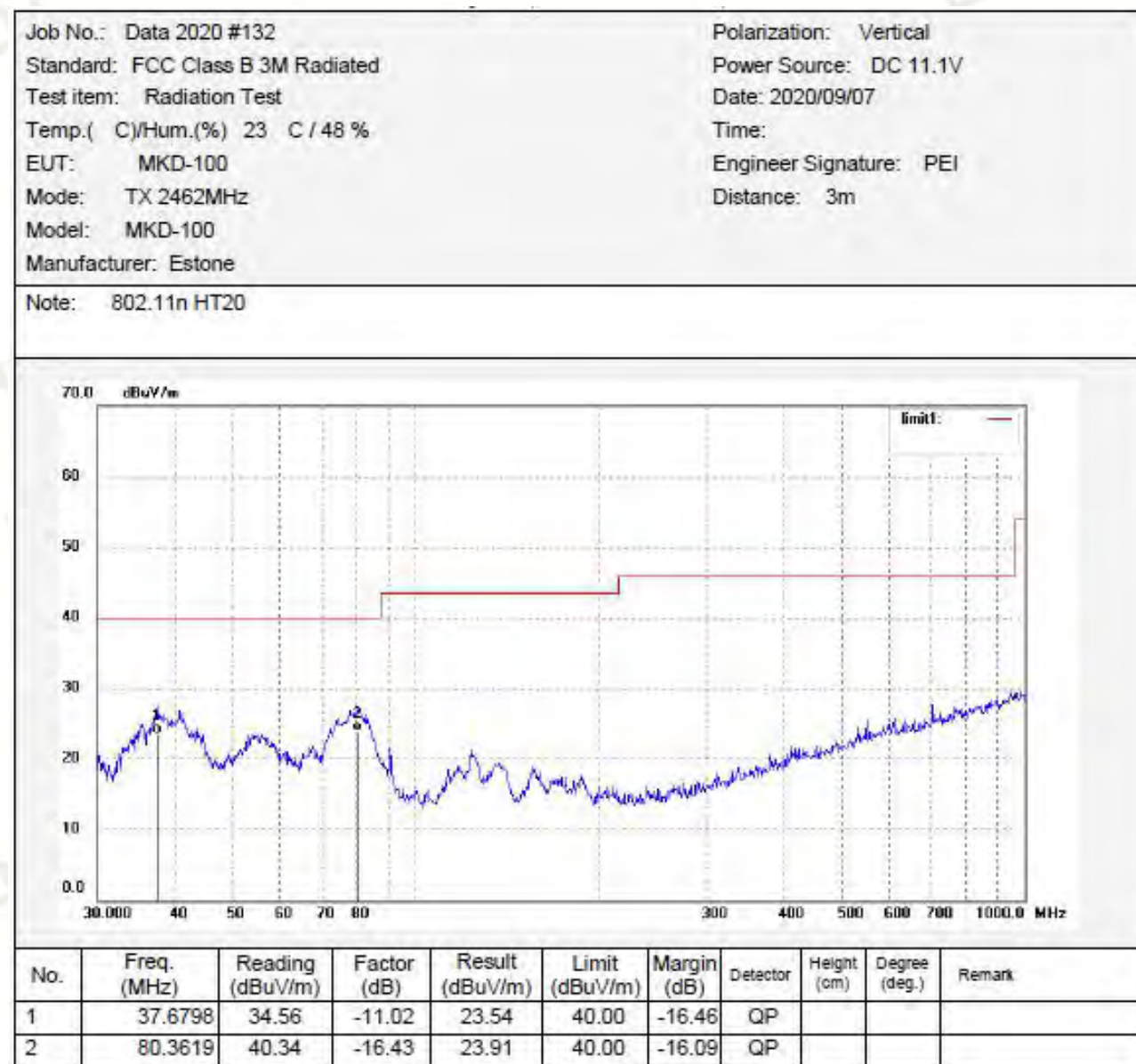


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	37.6798	35.87	-11.02	24.85	40.00	-15.15	QP			
2	78.6888	40.07	-16.58	23.49	40.00	-16.51	QP			

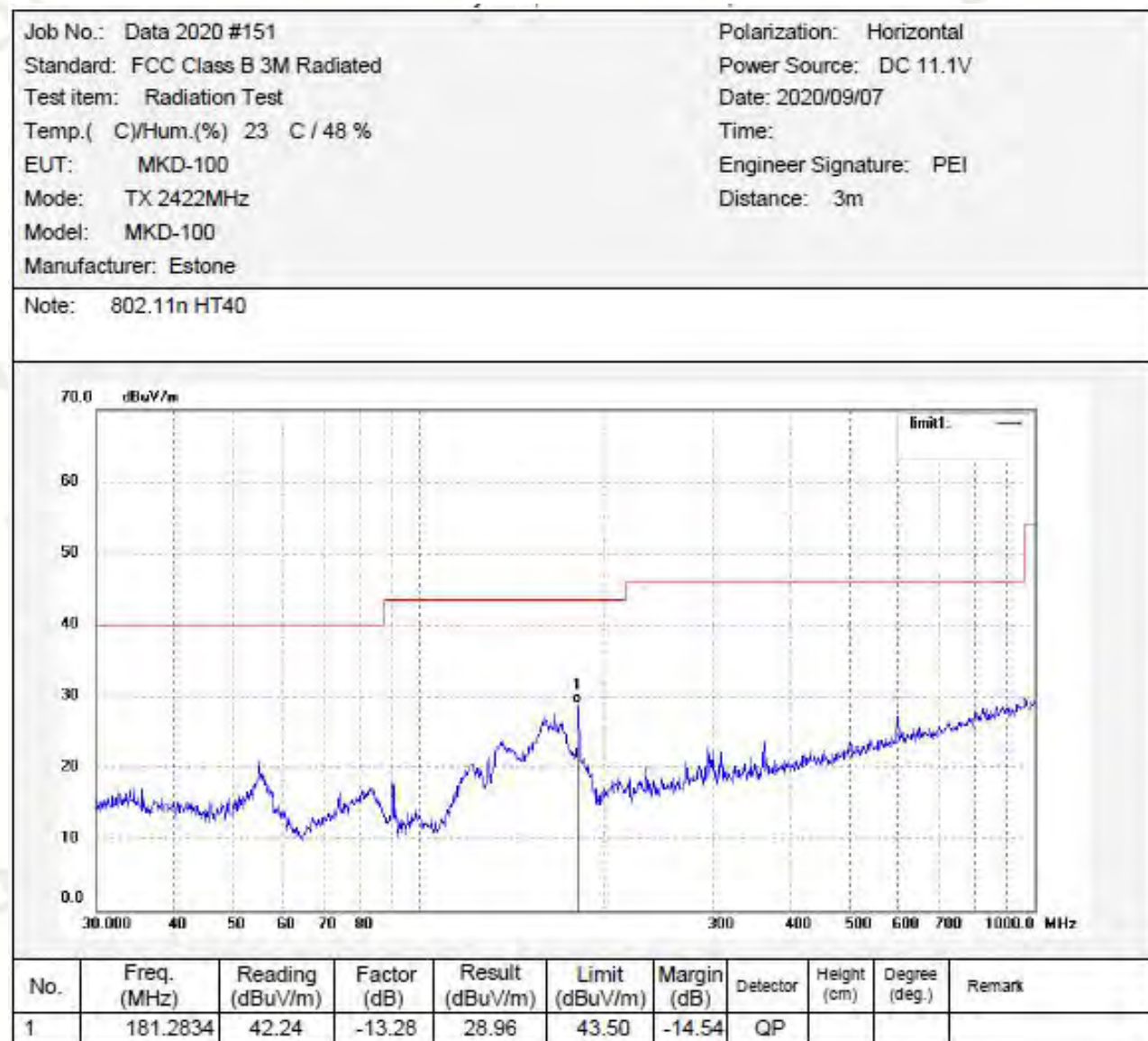
E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT20	Humidity:	48 %
Frequency Range:	30MHz-1GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2462MHz	Test Results:	PASS



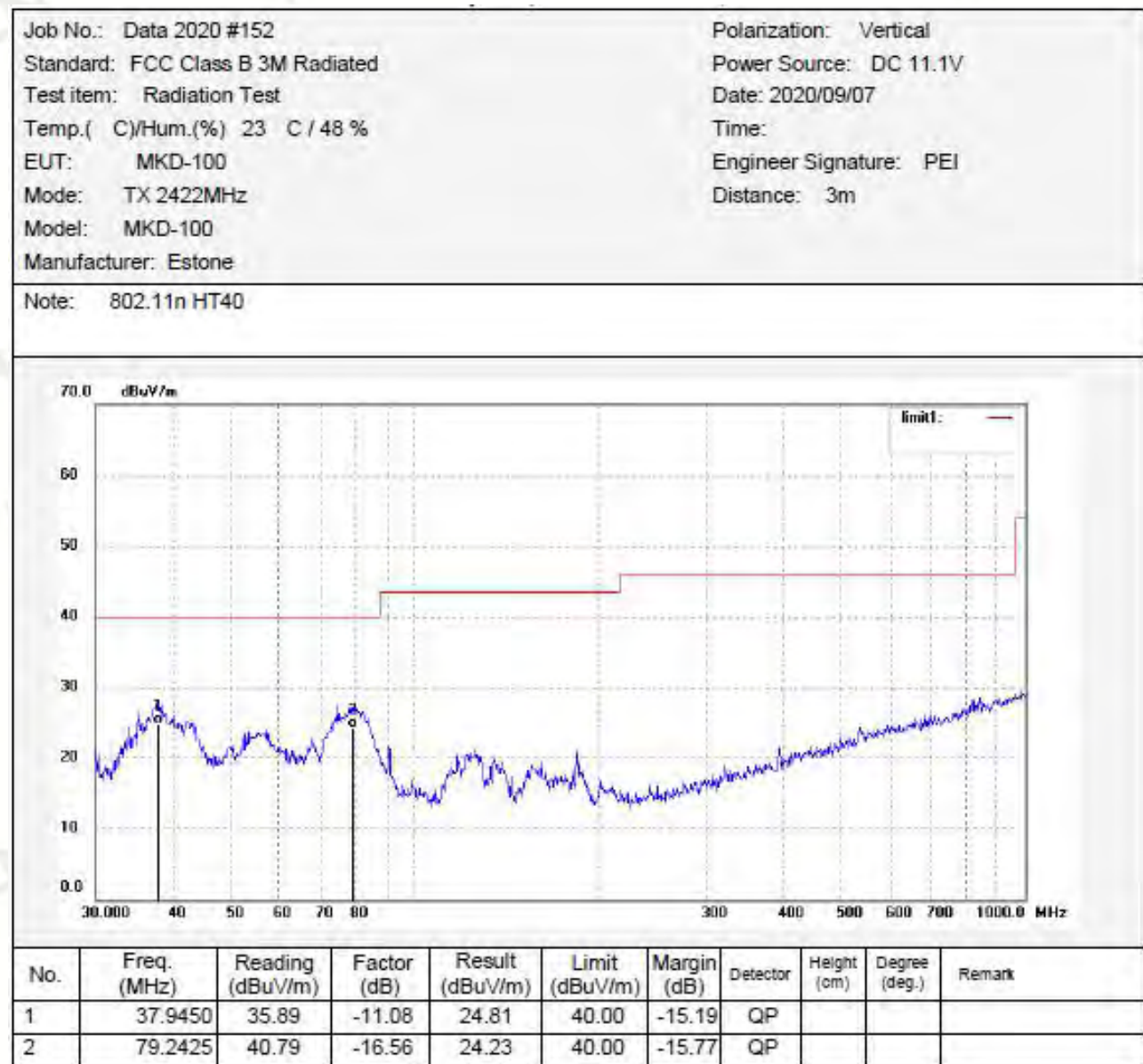
E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT20	Humidity:	48 %
Frequency Range:	30MHz-1GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2462MHz	Test Results:	PASS



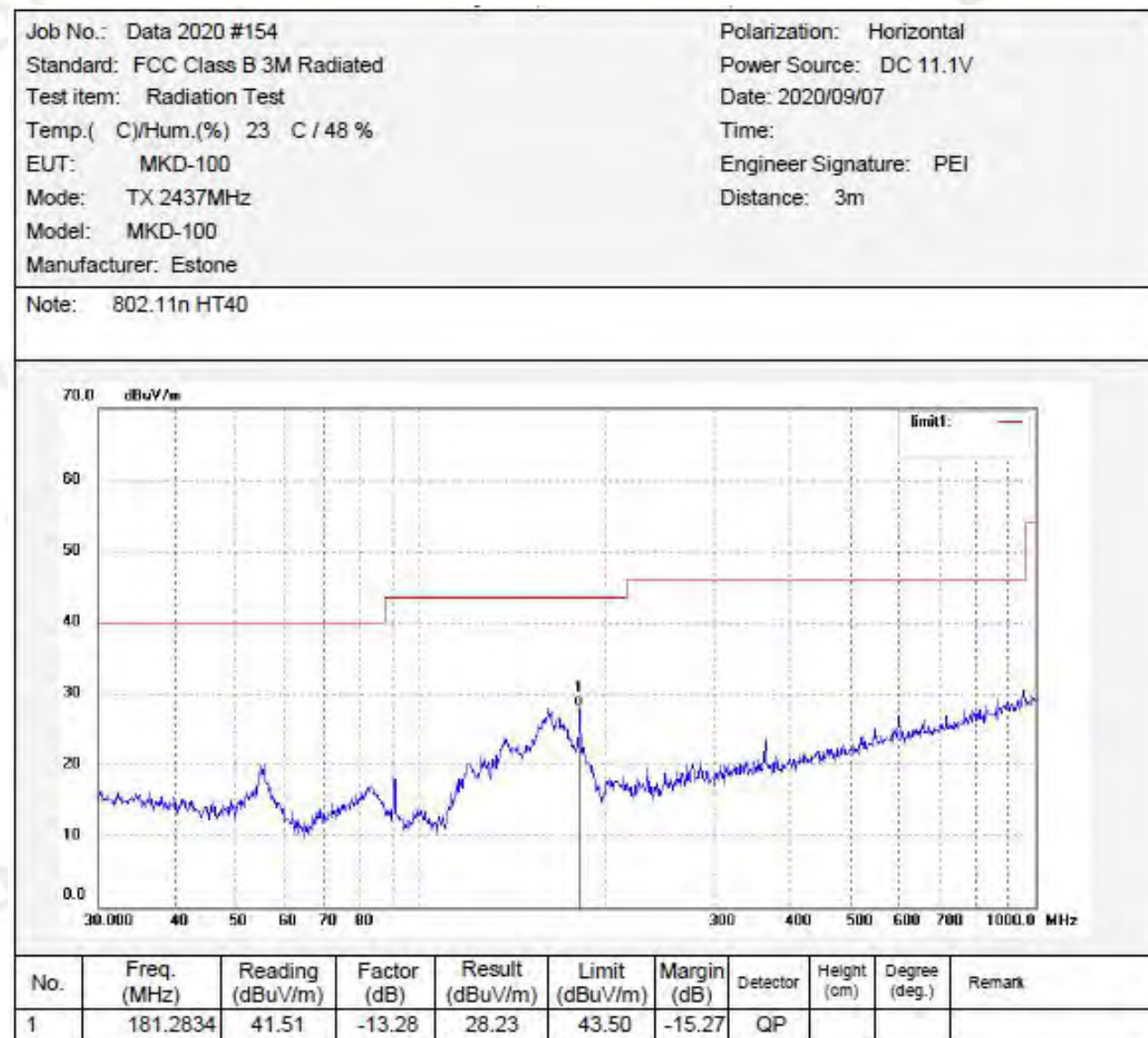
E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT40	Humidity:	48 %
Frequency Range:	30MHz-1GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2422MHz	Test Results:	PASS



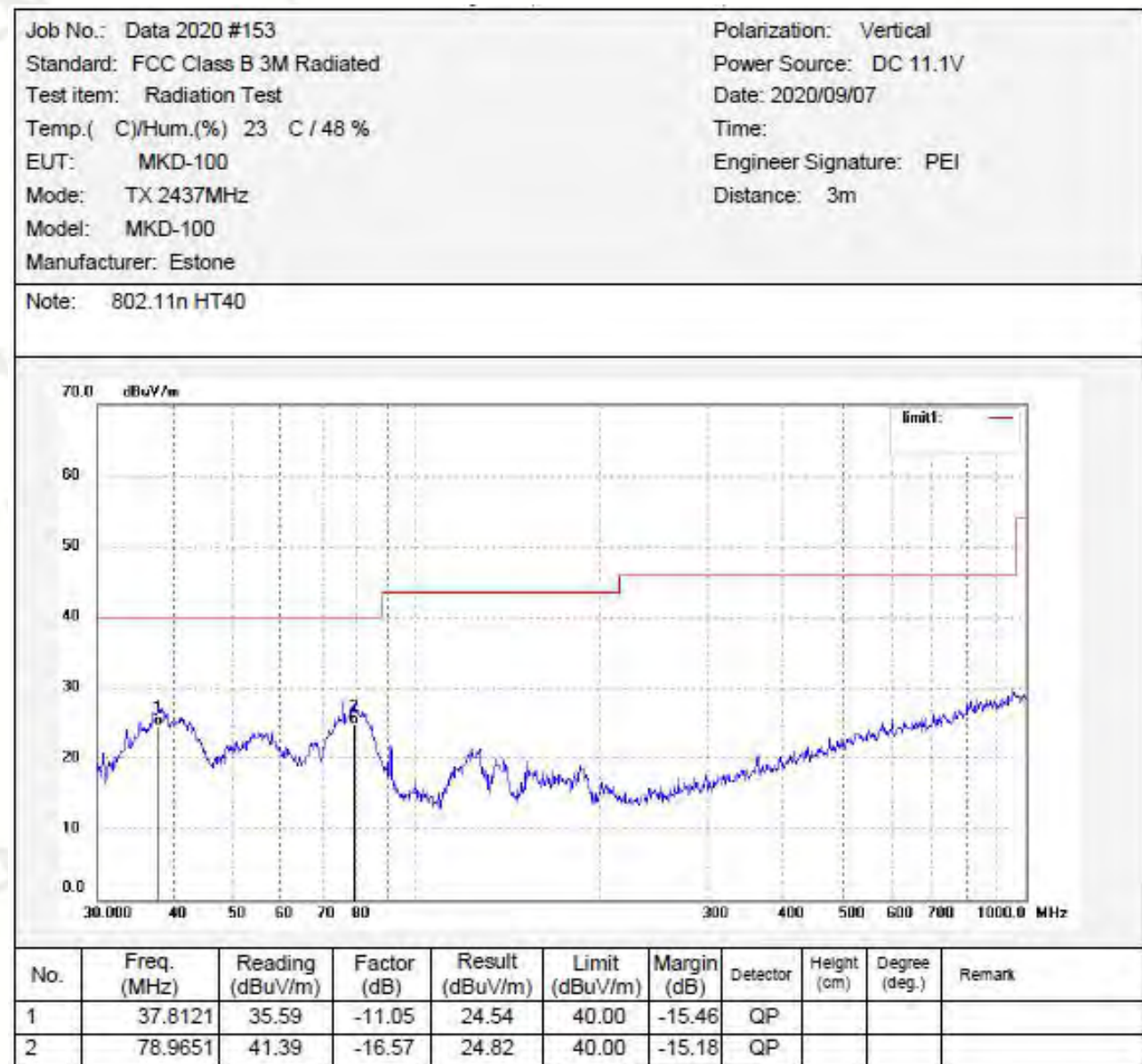
E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT40	Humidity:	48 %
Frequency Range:	30MHz-1GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2422MHz	Test Results:	PASS



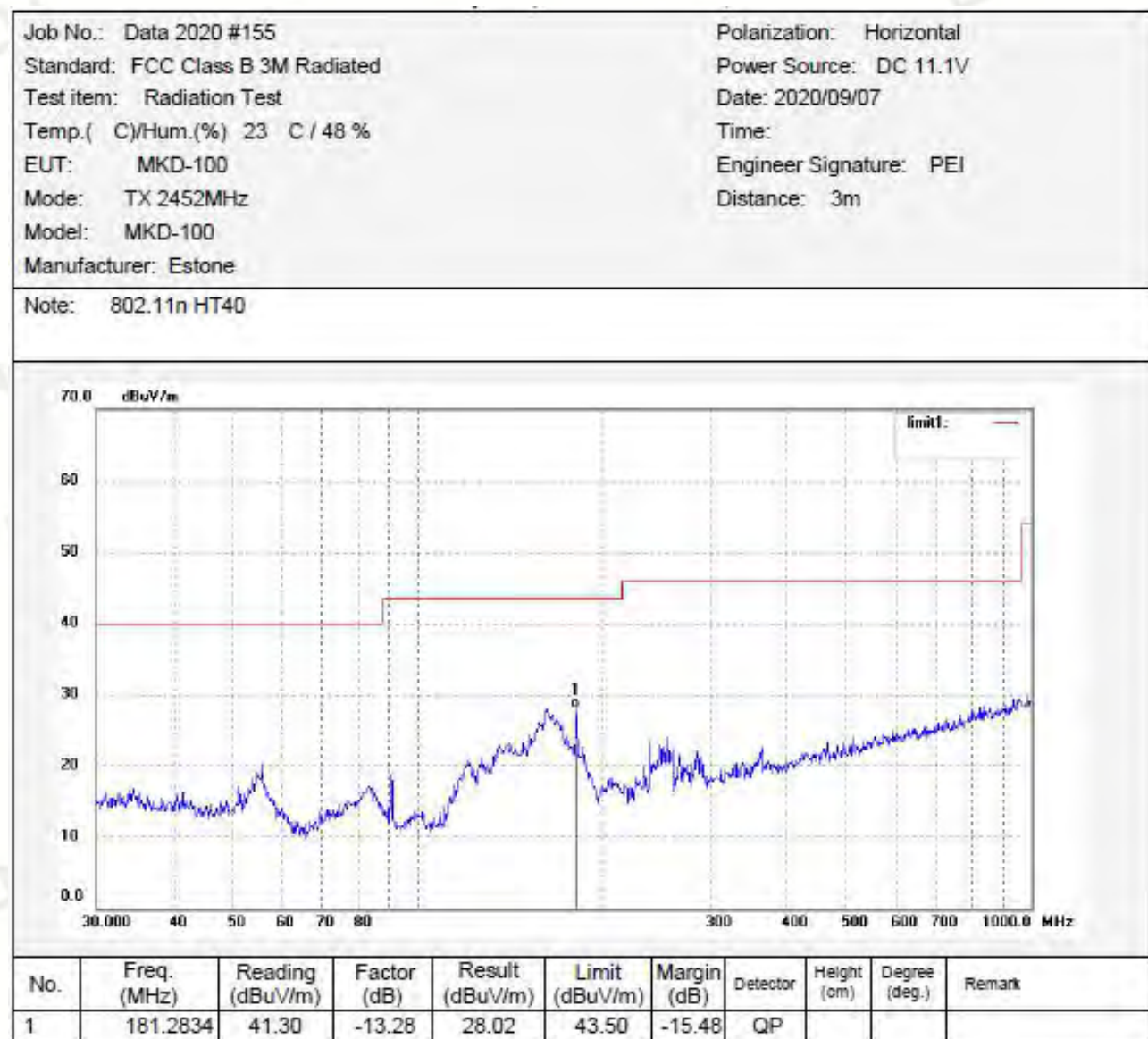
E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT40	Humidity:	48 %
Frequency Range:	30MHz-1GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2437MHz	Test Results:	PASS



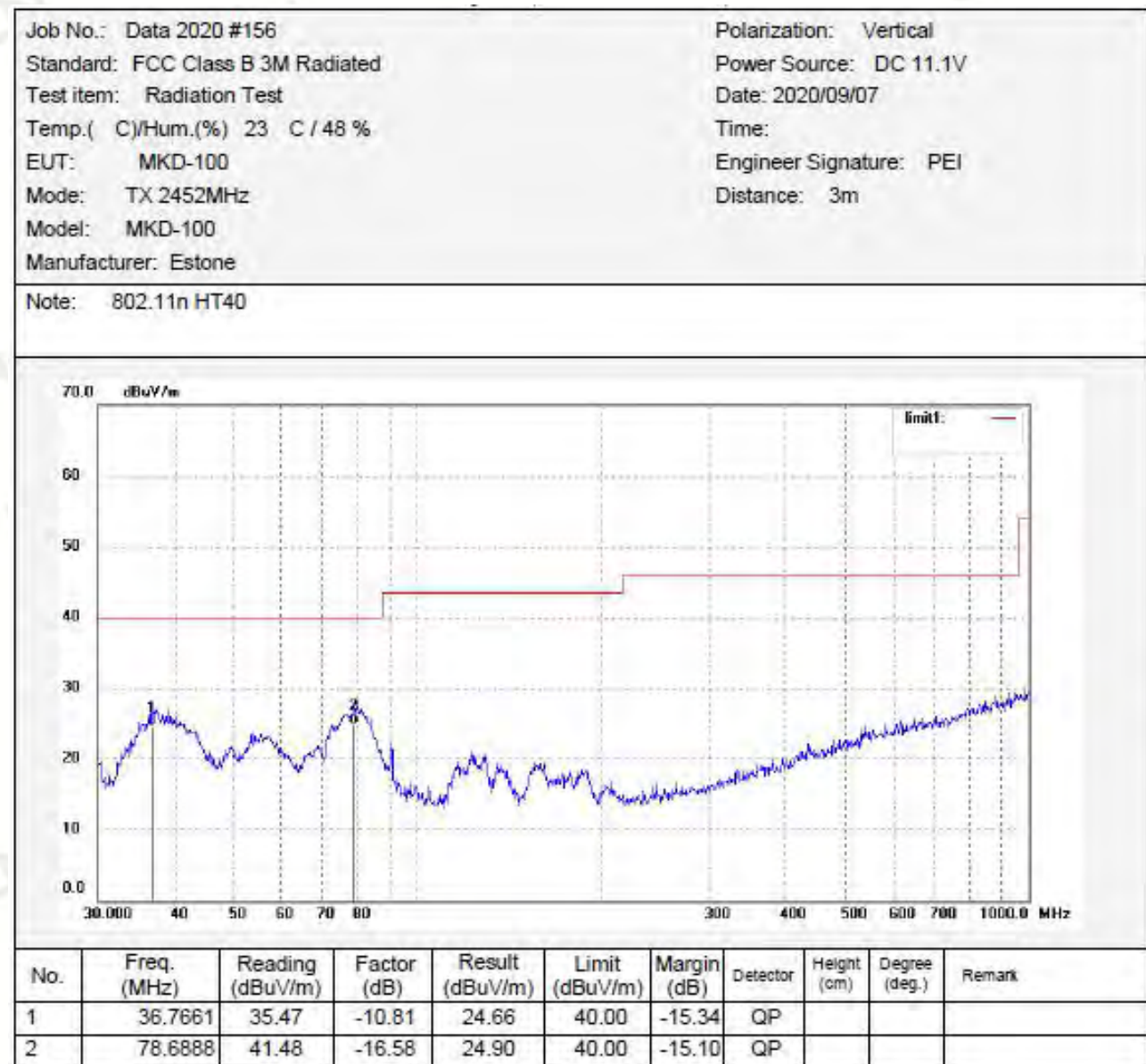
E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT40	Humidity:	48 %
Frequency Range:	30MHz-1GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2437MHz	Test Results:	PASS



E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT40	Humidity:	48 %
Frequency Range:	30MHz-1GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2452MHz	Test Results:	PASS

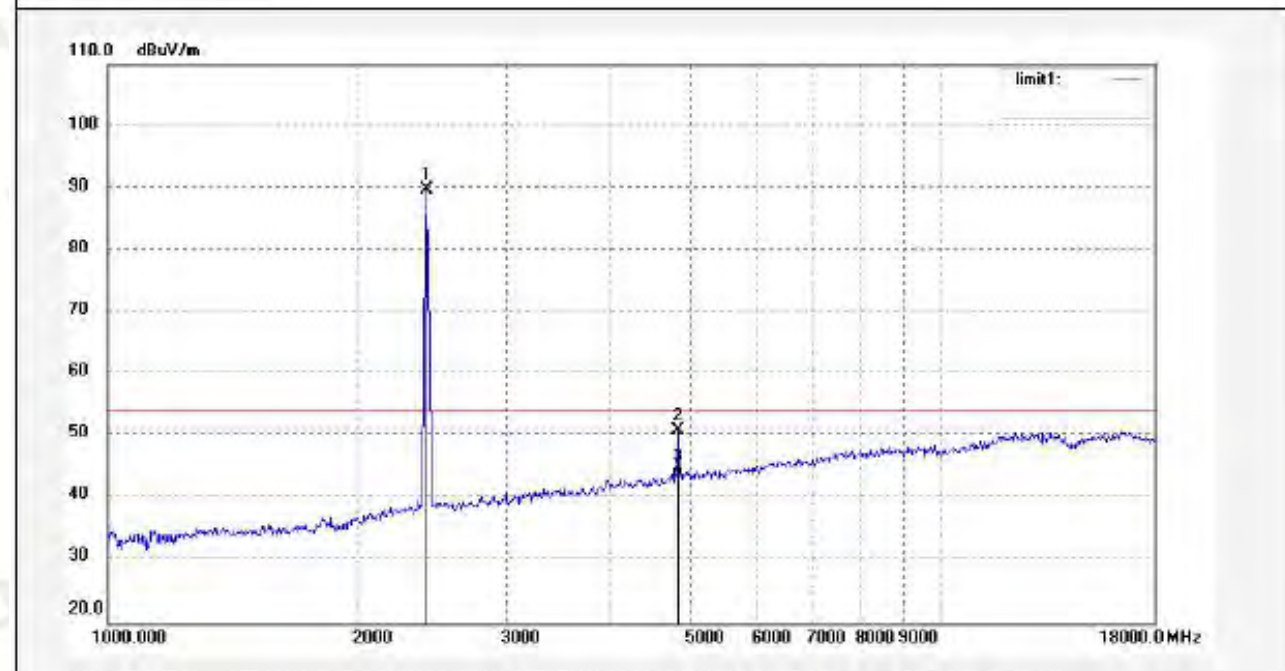


E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT40	Humidity:	48 %
Frequency Range:	30MHz-1GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2452MHz	Test Results:	PASS



E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11b	Humidity:	48 %
Frequency Range:	1GHz-18GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2412MHz	Test Results:	PASS

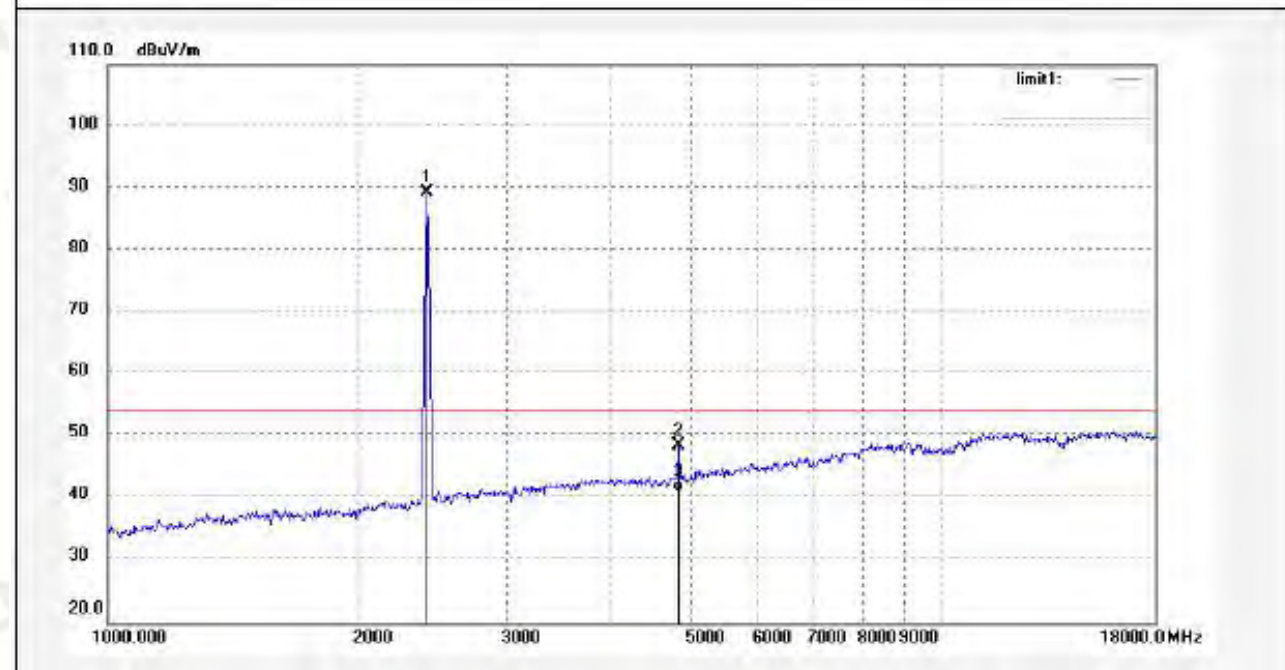
Job No.: Data 2020 #98	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 11.1V
Test item: Radiation Test	Date: 2020/09/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MKD-100	Engineer Signature: PEI
Mode: TX 2412MHz	Distance: 3m
Model: MKD-100	
Manufacturer: Estone	
Note: 802.11b	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	97.11	-7.43	89.68	/	/	peak			
2	4824.235	51.09	-0.19	50.90	74.00	-23.10	peak			
3	4824.235	43.66	-0.19	43.47	54.00	-10.53	AVG			

E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11b	Humidity:	48 %
Frequency Range:	1GHz-18GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2412MHz	Test Results:	PASS

Job No.: Data 2020 #97	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 11.1V
Test item: Radiation Test	Date: 2020/09/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MKD-100	Engineer Signature: PEI
Mode: TX 2412MHz	Distance: 3m
Model: MKD-100	
Manufacturer: Estone	
Note: 802.11b	



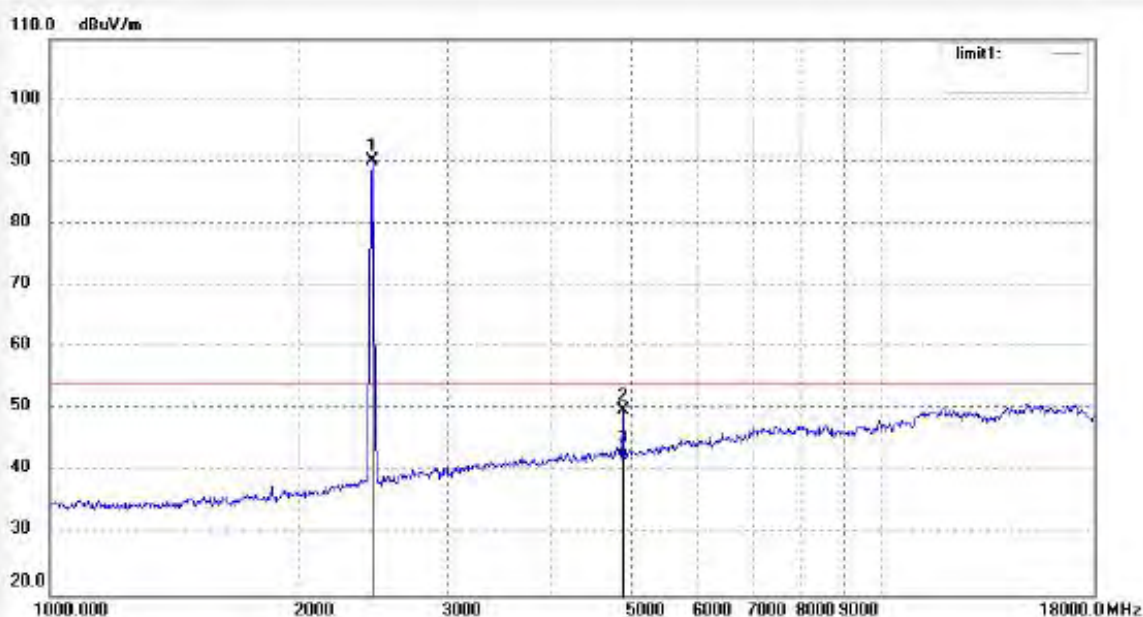
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	96.69	-7.43	89.26	/	/	peak			
2	4824.225	48.72	-0.19	48.53	74.00	-25.47	peak			
3	4824.225	41.27	-0.19	41.08	54.00	-12.92	AVG			

E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11b	Humidity:	48 %
Frequency Range:	1GHz-18GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2437MHz	Test Results:	PASS

Job No.: Data 2020 #99
 Standard: FCC Class B 3M Radiated
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 23 C / 48 %
 EUT: MKD-100
 Mode: TX 2437MHz
 Model: MKD-100
 Manufacturer: Estone

Polarization: Horizontal
 Power Source: DC 11.1V
 Date: 2020/09/07
 Time:
 Engineer Signature: PEI
 Distance: 3m

Note: 802.11b



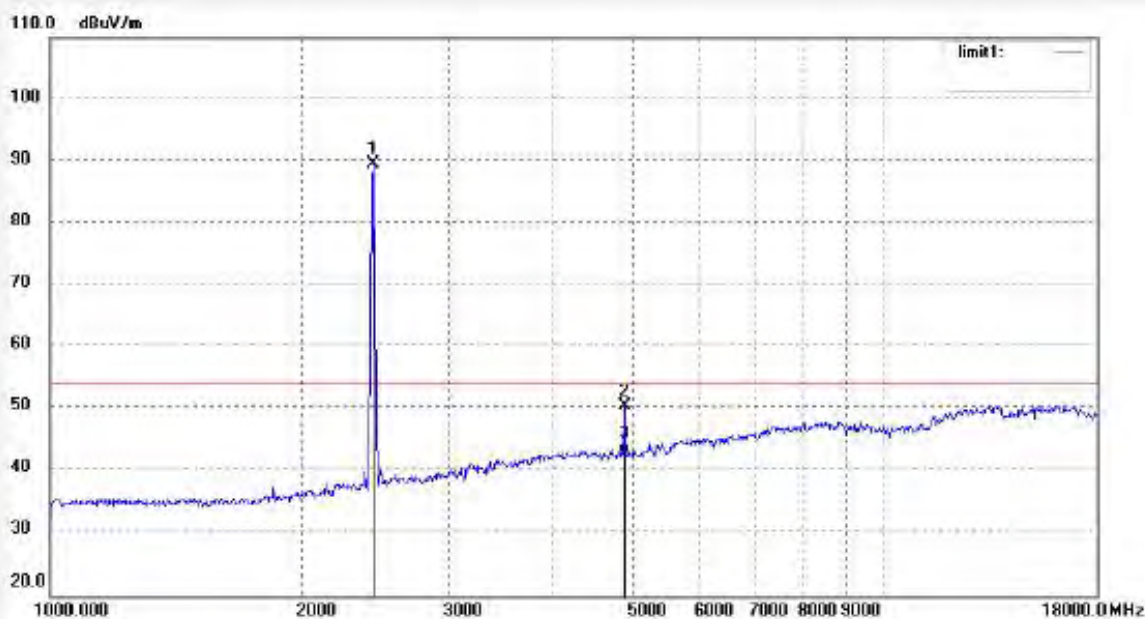
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	97.49	-7.36	90.13	/	/	peak			
2	4874.342	49.82	0.09	49.91	74.00	-24.09	peak			
3	4874.342	41.98	0.09	42.07	54.00	-11.93	AVG			

E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11b	Humidity:	48 %
Frequency Range:	1GHz-18GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2437MHz	Test Results:	PASS

Job No.: Data 2020 #100
 Standard: FCC Class B 3M Radiated
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 23 C / 48 %
 EUT: MKD-100
 Mode: TX 2437MHz
 Model: MKD-100
 Manufacturer: Estone

Polarization: Vertical
 Power Source: DC 11.1V
 Date: 2020/09/07
 Time:
 Engineer Signature: PEI
 Distance: 3m

Note: 802.11b



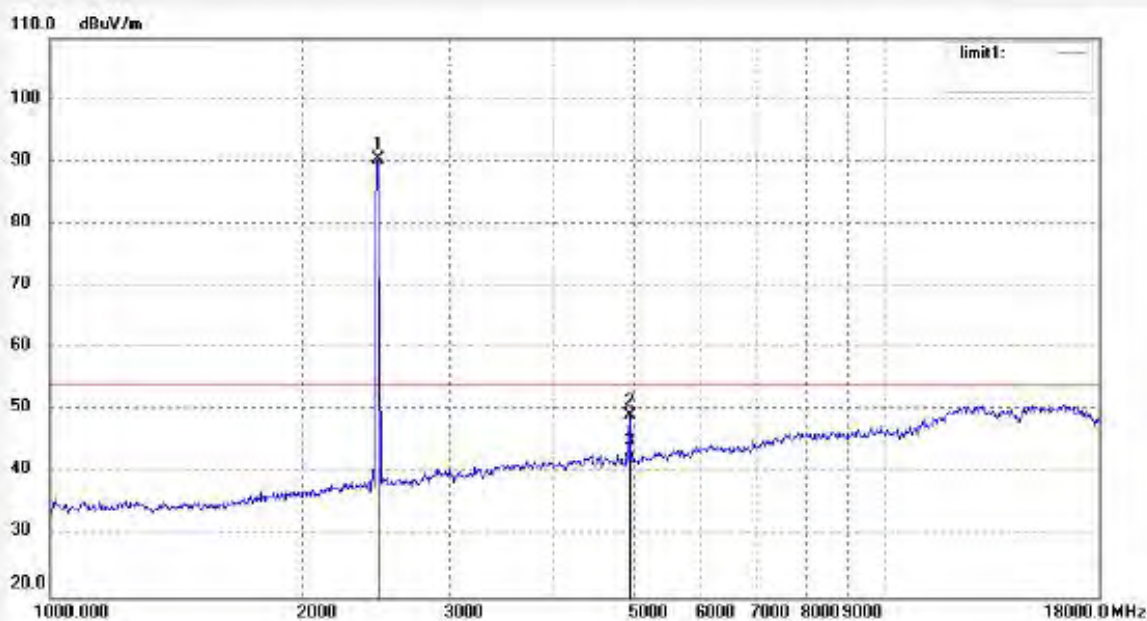
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	96.88	-7.36	89.52	/	/	peak			
2	4874.250	50.45	0.09	50.54	74.00	-23.46	peak			
3	4874.250	42.66	0.09	42.75	54.00	-11.25	AVG			

E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11b	Humidity:	48 %
Frequency Range:	1GHz-18GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2462MHz	Test Results:	PASS

Job No.: Data 2020 #102
 Standard: FCC Class B 3M Radiated
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 23 C / 48 %
 EUT: MKD-100
 Mode: TX 2462MHz
 Model: MKD-100
 Manufacturer: Estone

Polarization: Horizontal
 Power Source: DC 11.1V
 Date: 2020/09/07
 Time:
 Engineer Signature: PEI
 Distance: 3m

Note: 802.11b



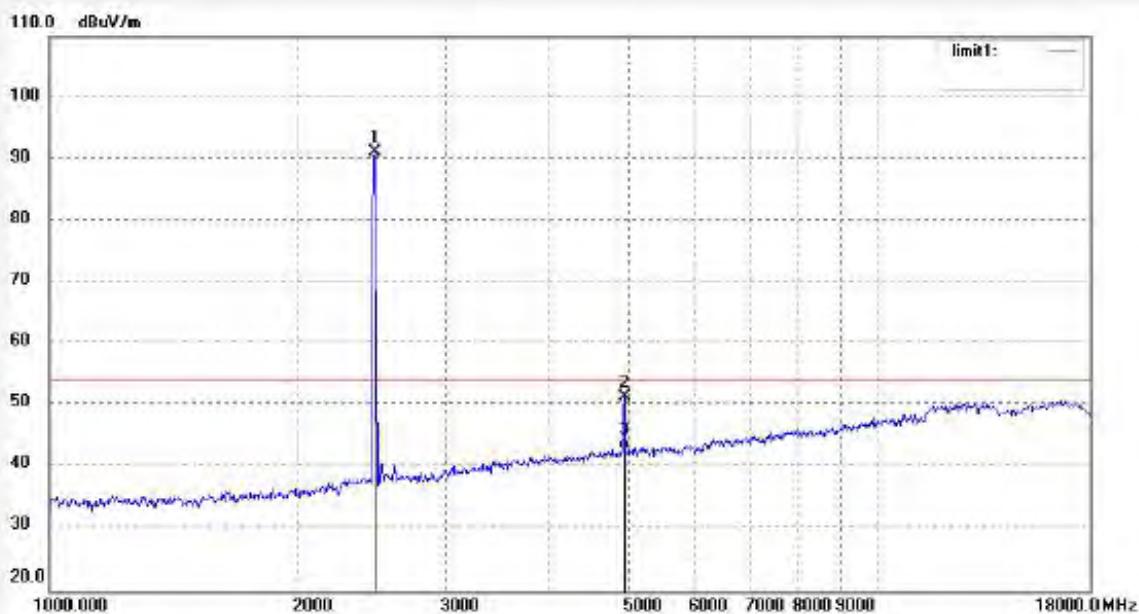
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	97.74	-7.35	90.39	/	/	peak			
2	4924.305	48.79	0.34	49.13	74.00	-24.87	peak			
3	4924.305	41.57	0.34	41.91	54.00	-12.09	AVG			

E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11b	Humidity:	48 %
Frequency Range:	1GHz-18GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2462MHz	Test Results:	PASS

Job No.: Data 2020 #101
 Standard: FCC Class B 3M Radiated
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 23 C / 48 %
 EUT: MKD-100
 Mode: TX 2462MHz
 Model: MKD-100
 Manufacturer: Estone

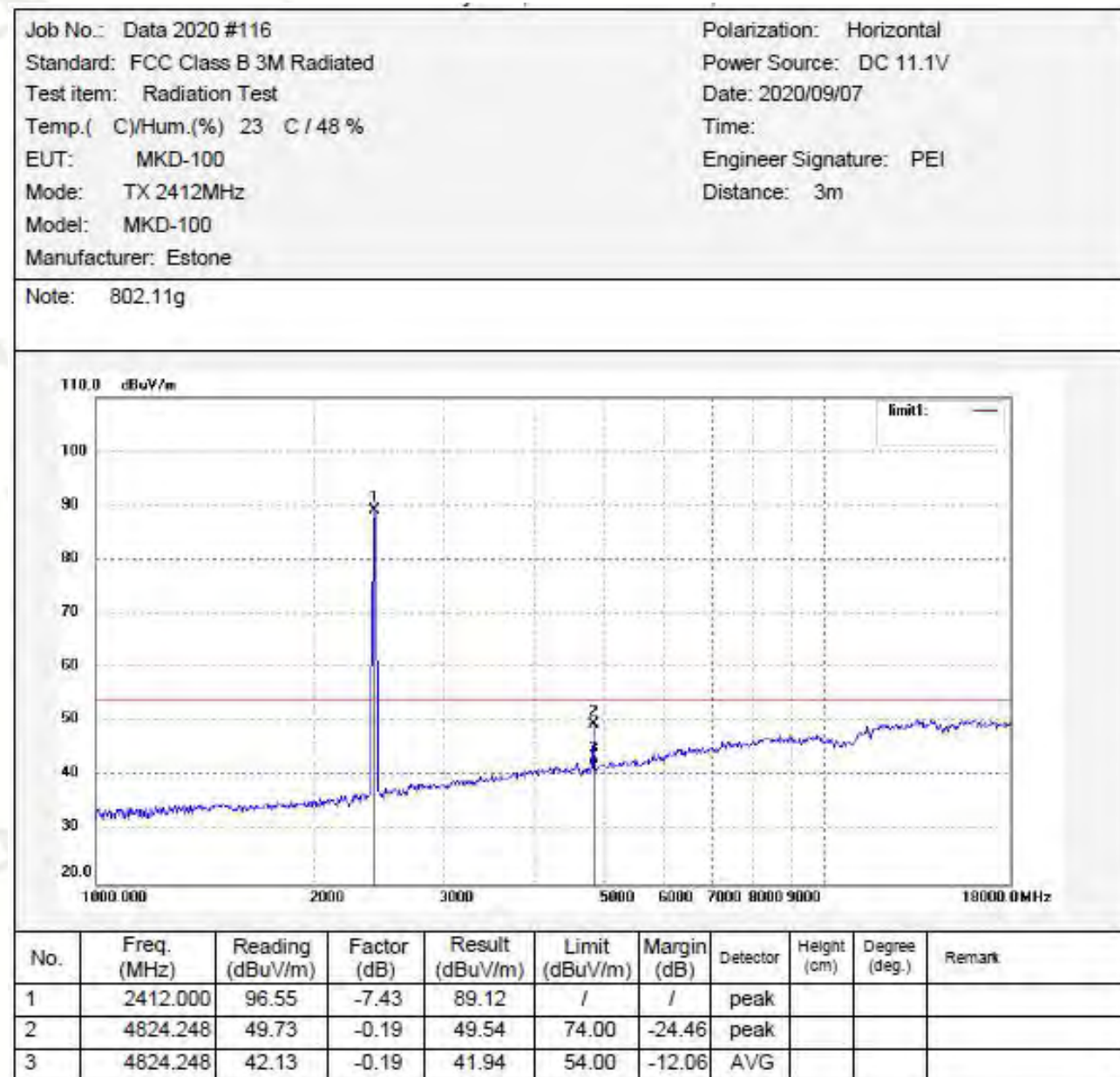
Polarization: Vertical
 Power Source: DC 11.1V
 Date: 2020/09/07
 Time:
 Engineer Signature: PEI
 Distance: 3m

Note: 802.11b



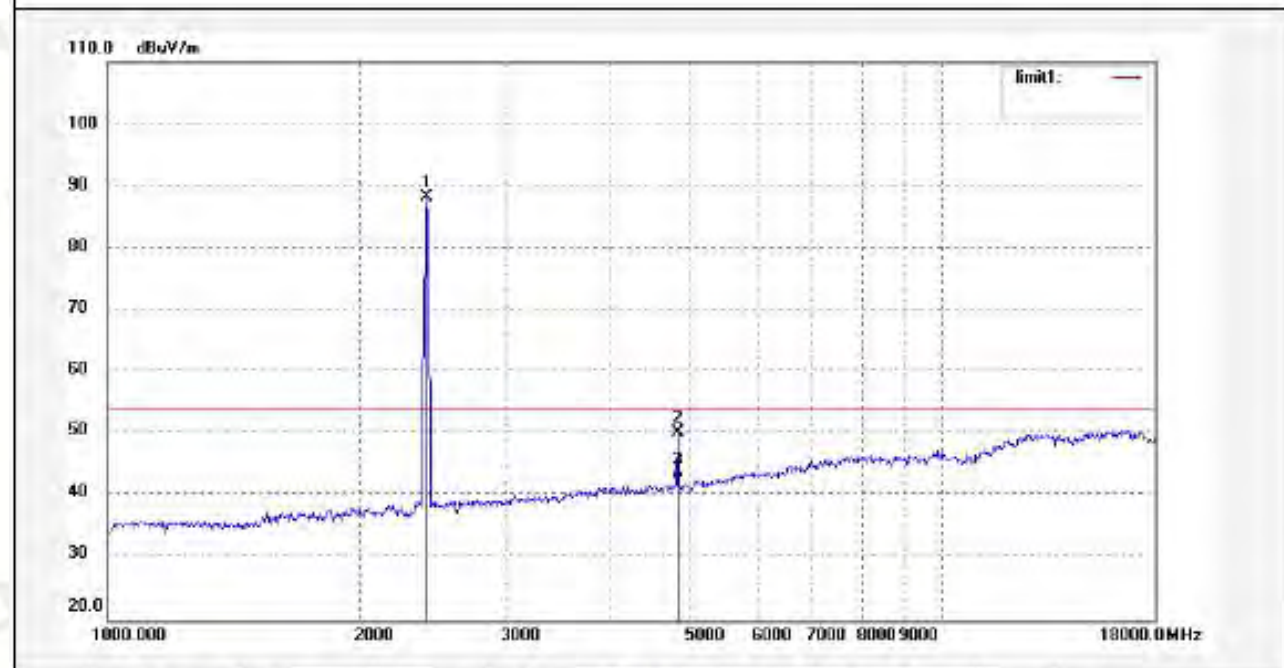
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	98.24	-7.35	90.89	/	/	peak			
2	4924.247	51.04	0.34	51.38	74.00	-22.62	peak			
3	4924.247	42.59	0.34	42.93	54.00	-11.07	AVG			

E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11g	Humidity:	48 %
Frequency Range:	1GHz-18GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2412MHz	Test Results:	PASS



E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11g	Humidity:	48 %
Frequency Range:	1GHz-18GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2412MHz	Test Results:	PASS

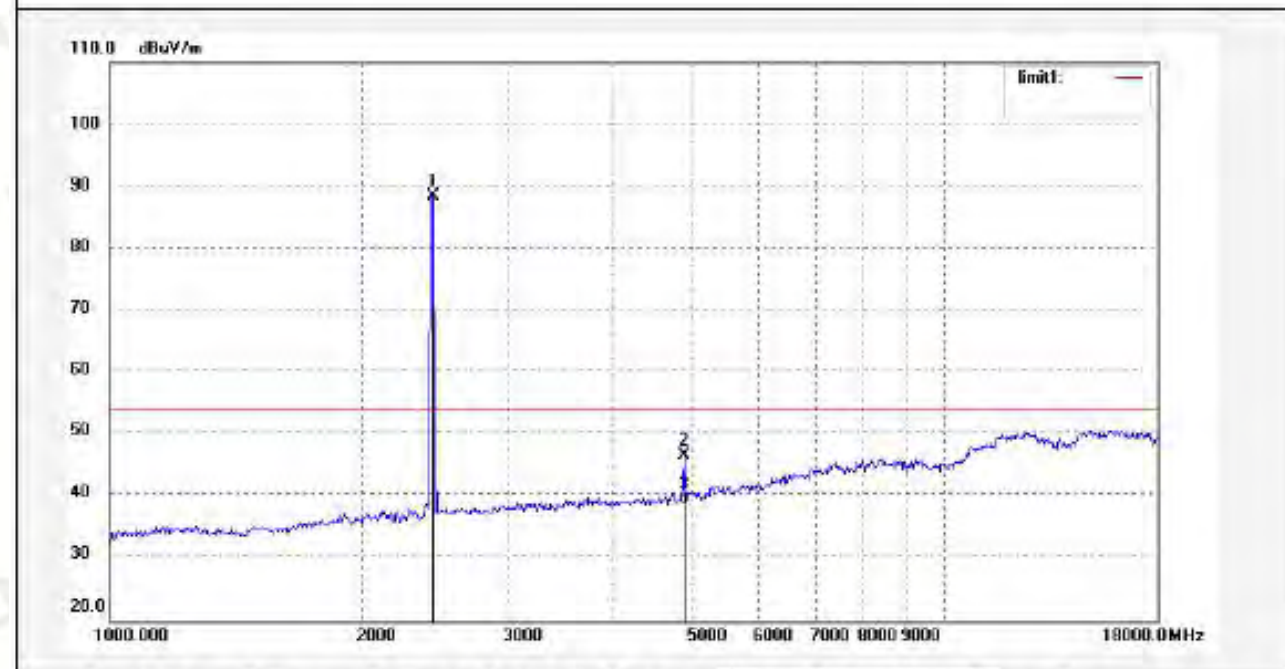
Job No.: Data 2020 #115	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 11.1V
Test item: Radiation Test	Date: 2020/09/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MKD-100	Engineer Signature: PEI
Mode: TX 2412MHz	Distance: 3m
Model: MKD-100	
Manufacturer: Estone	
Note: 802.11g	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	95.68	-7.43	88.25	/	/	peak			
2	4824.255	50.39	-0.19	50.20	74.00	-23.80	peak			
3	4824.255	42.77	-0.19	42.58	54.00	-11.42	AVG			

E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11g	Humidity:	48 %
Frequency Range:	1GHz-18GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2437MHz	Test Results:	PASS

Job No.: Data 2020 #118	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 11.1V
Test item: Radiation Test	Date: 2020/09/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MKD-100	Engineer Signature: PEI
Mode: TX 2437MHz	Distance: 3m
Model: MKD-100	
Manufacturer: Estone	
Note: 802.11g	



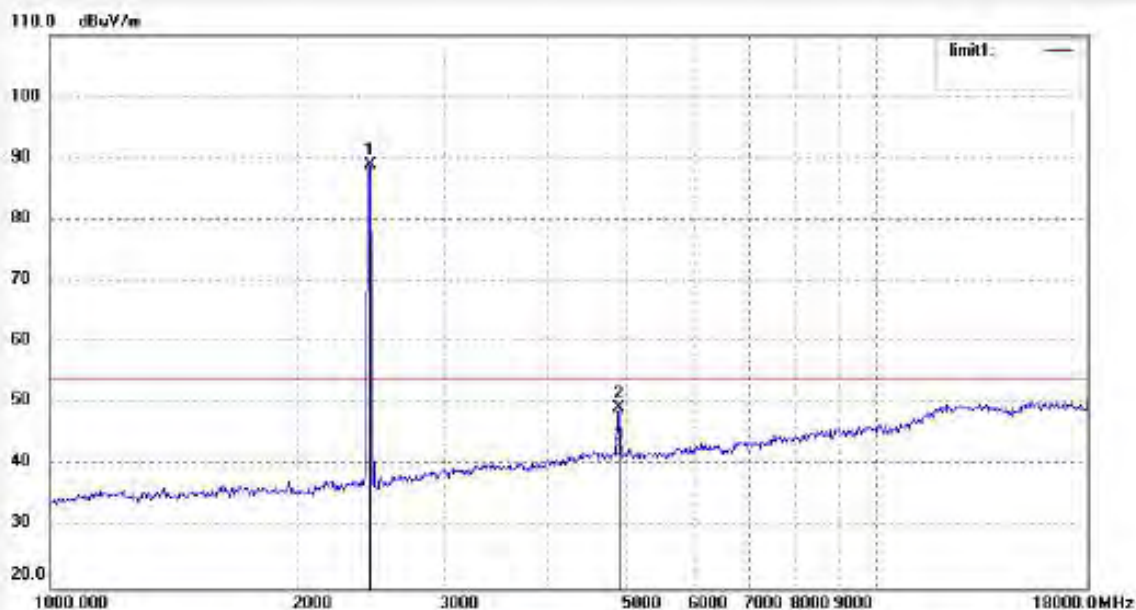
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	95.96	-7.36	88.60	/	/	peak			
2	4874.265	46.58	0.09	46.67	74.00	-27.33	peak			
3	4874.265	38.78	0.09	38.87	54.00	-15.13	AVG			

E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11g	Humidity:	48 %
Frequency Range:	1GHz-18GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2437MHz	Test Results:	PASS

Job No.: Data 2020 #117
 Standard: FCC Class B 3M Radiated
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 23 C / 48 %
 EUT: MKD-100
 Mode: TX 2437MHz
 Model: MKD-100
 Manufacturer: Estone

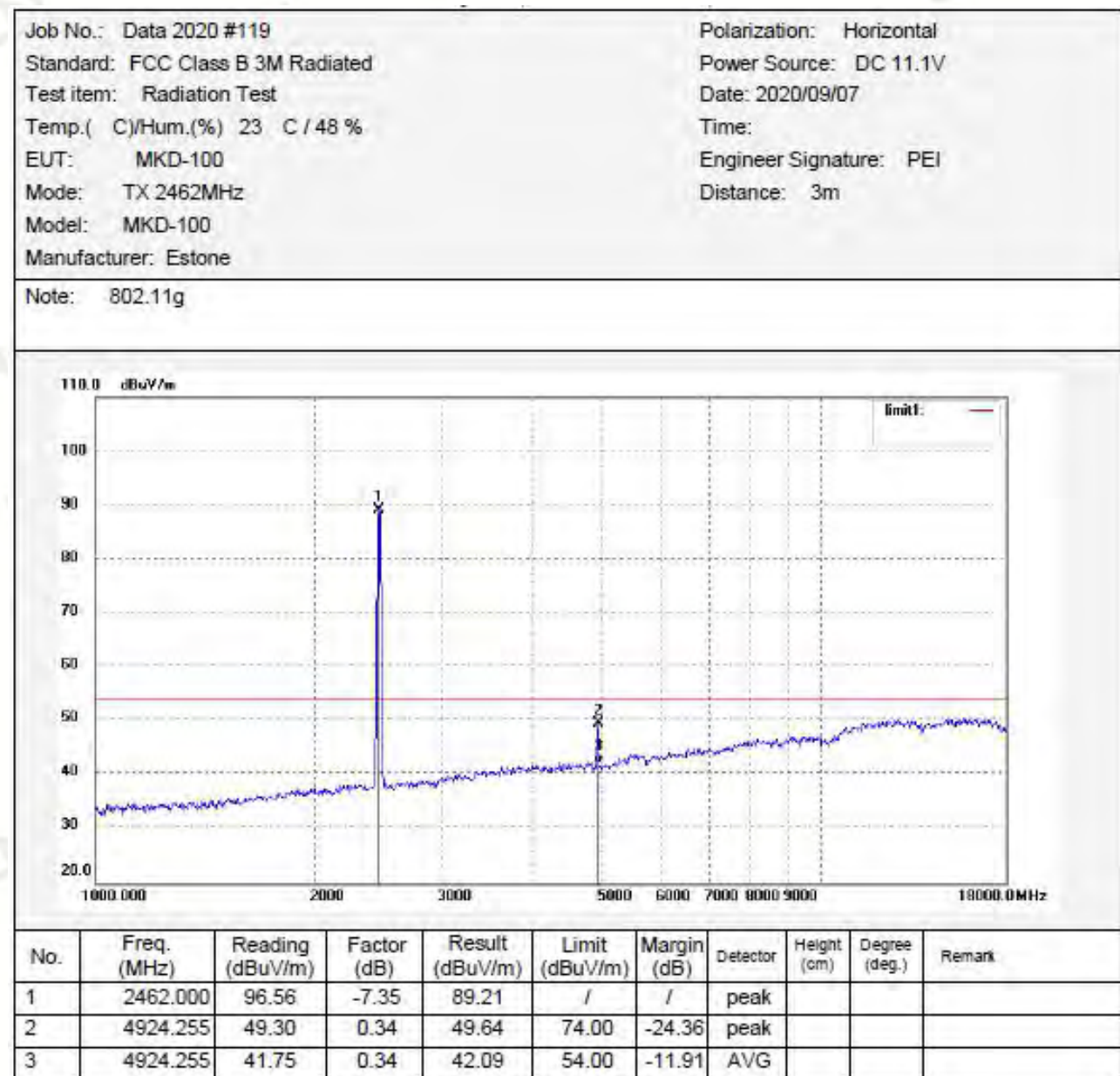
Polarization: Vertical
 Power Source: DC 11.1V
 Date: 2020/09/07
 Time:
 Engineer Signature: PEI
 Distance: 3m

Note: 802.11g



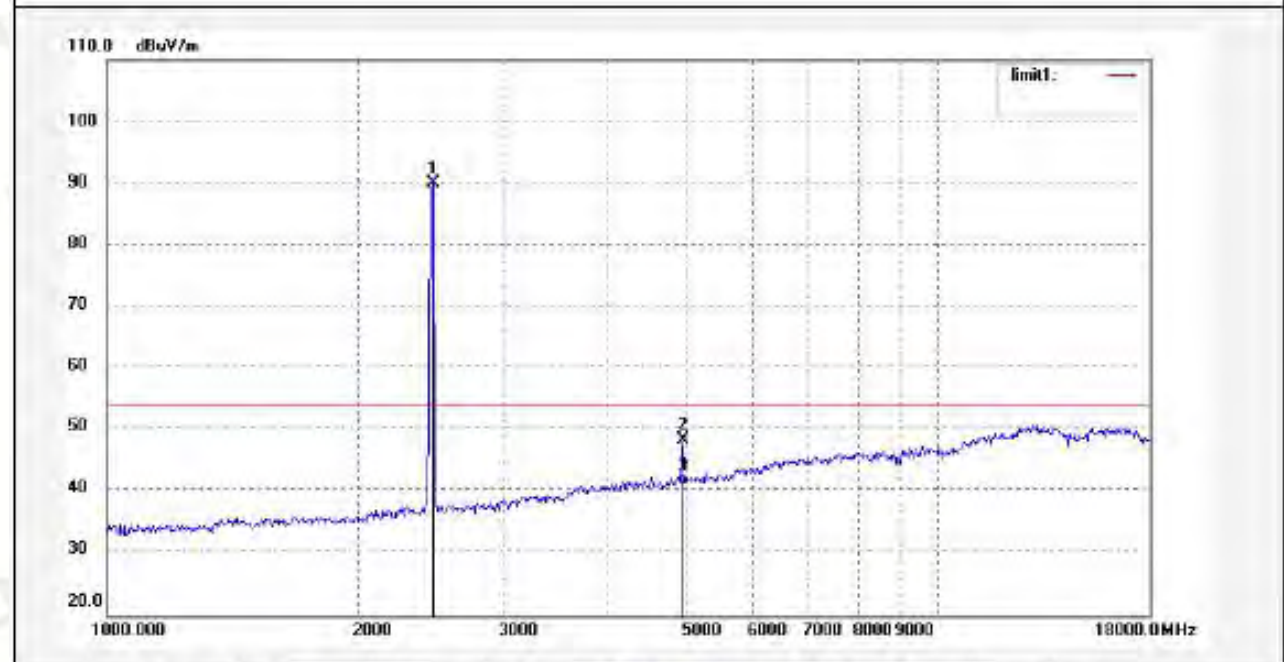
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	96.26	-7.36	88.90	/	/	peak			
2	4874.239	49.35	0.09	49.44	74.00	-24.56	peak			
3	4874.239	41.62	0.09	41.71	54.00	-12.29	AVG			

E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11g	Humidity:	48 %
Frequency Range:	1GHz-18GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2462MHz	Test Results:	PASS



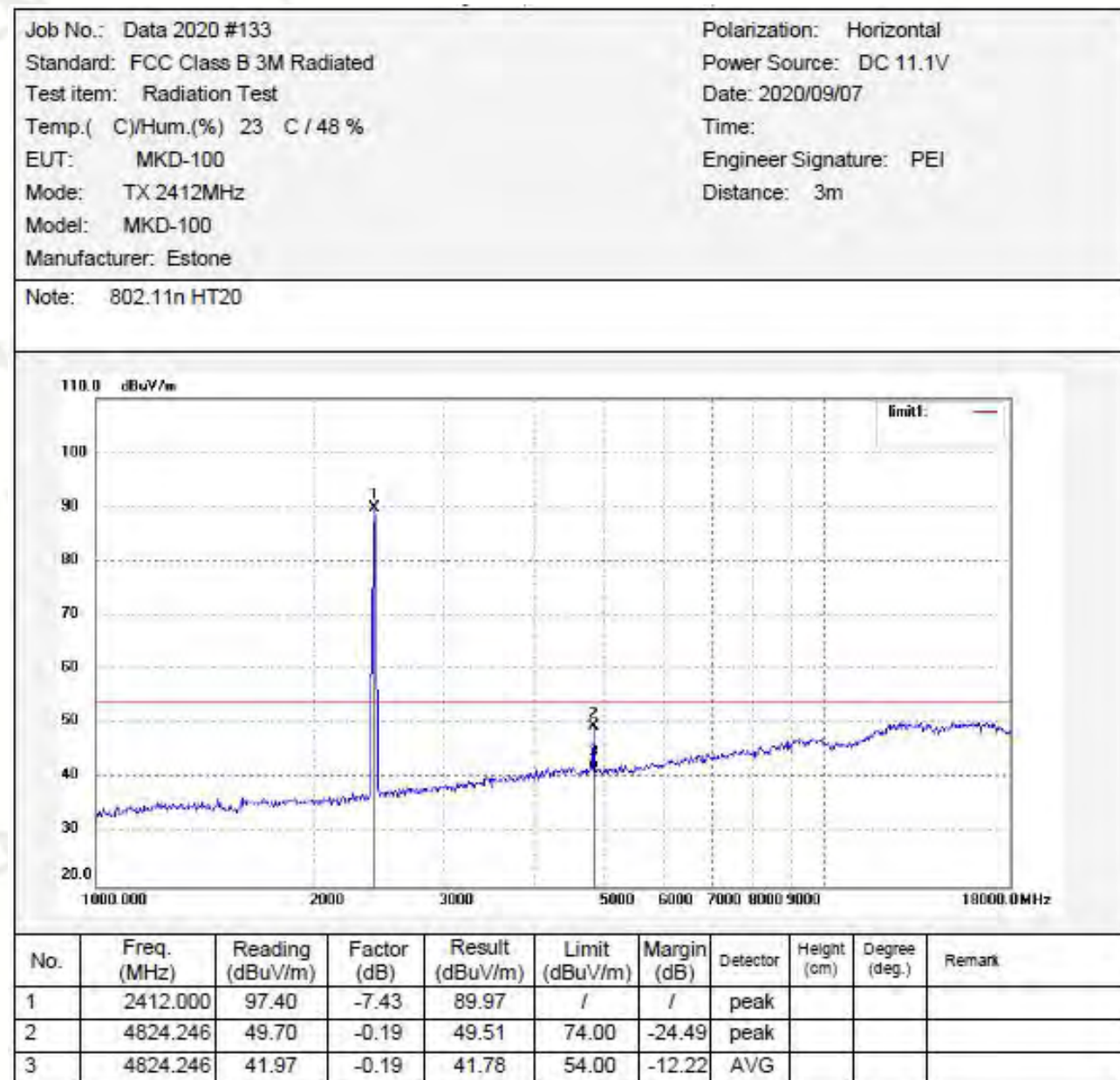
E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11g	Humidity:	48 %
Frequency Range:	1GHz-18GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2462MHz	Test Results:	PASS

Job No.: Data 2020 #120	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 11.1V
Test item: Radiation Test	Date: 2020/09/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MKD-100	Engineer Signature: PEI
Mode: TX 2462MHz	Distance: 3m
Model: MKD-100	
Manufacturer: Estone	
Note: 802.11g	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	97.37	-7.35	90.02	/	/	peak			
2	4924.312	48.11	0.34	48.45	74.00	-25.55	peak			
3	4924.312	40.62	0.34	40.96	54.00	-13.04	AVG			

E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT20	Humidity:	48 %
Frequency Range:	1GHz-18GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2412MHz	Test Results:	PASS

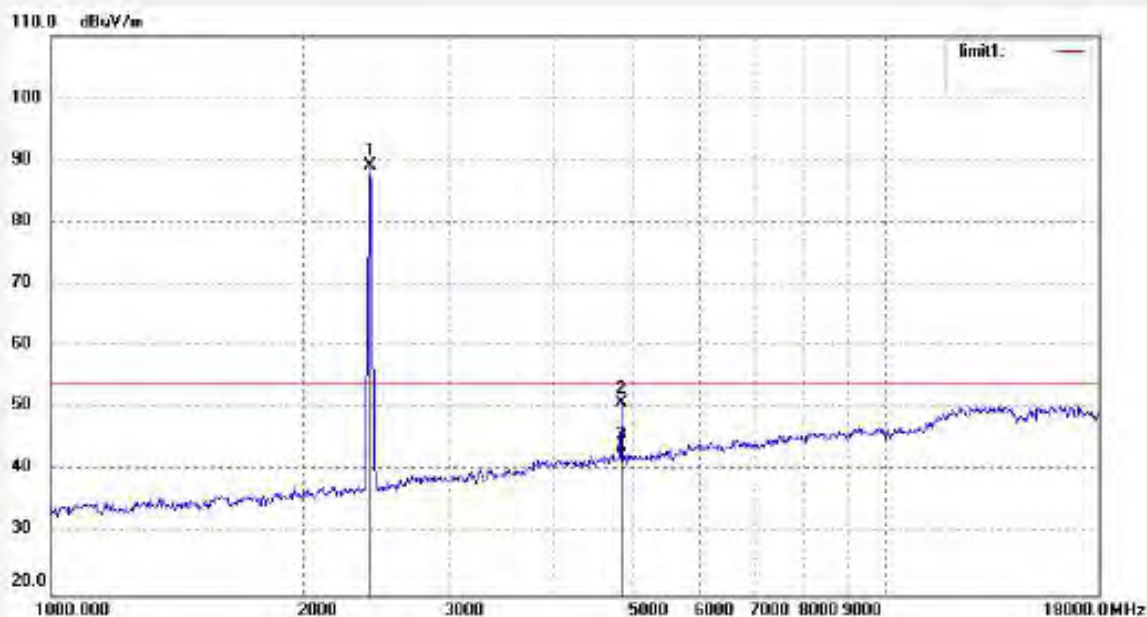


E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT20	Humidity:	48 %
Frequency Range:	1GHz-18GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2412MHz	Test Results:	PASS

Job No.: Data 2020 #134
 Standard: FCC Class B 3M Radiated
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 23 C / 48 %
 EUT: MKD-100
 Mode: TX 2412MHz
 Model: MKD-100
 Manufacturer: Estone

Polarization: Vertical
 Power Source: DC 11.1V
 Date: 2020/09/07
 Time:
 Engineer Signature: PEI
 Distance: 3m

Note: 802.11n HT20

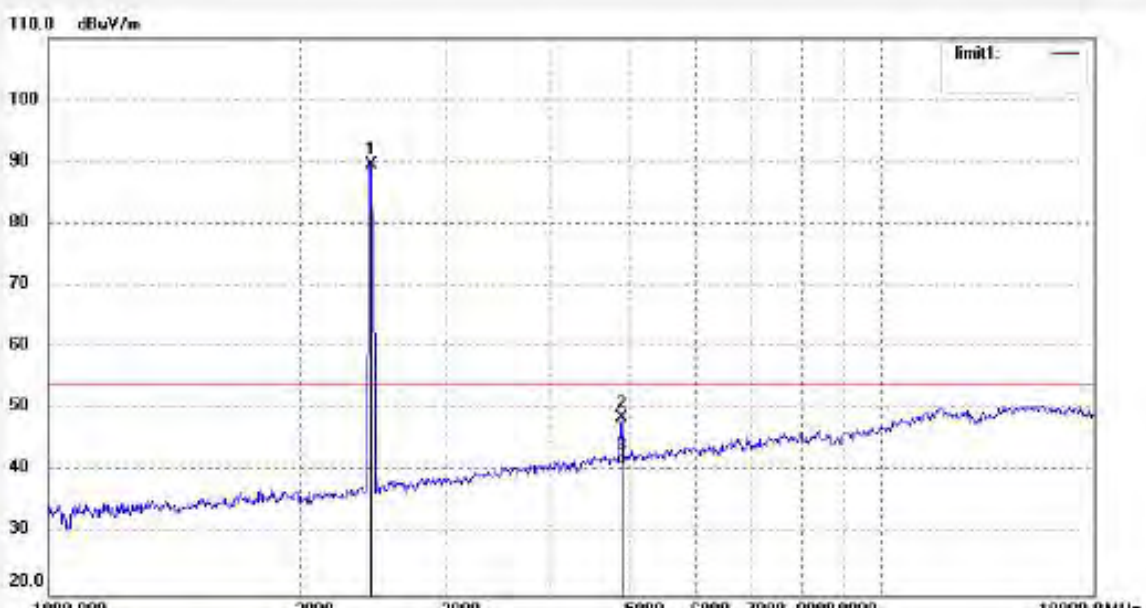


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	96.54	-7.43	89.11	/	/	peak			
2	4824.258	51.06	-0.19	50.87	74.00	-23.13	peak			
3	4824.258	42.84	-0.19	42.65	54.00	-11.35	AVG			

E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT20	Humidity:	48 %
Frequency Range:	1GHz-18GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2437MHz	Test Results:	PASS

Job No.: Data 2020 #135				Polarization: Horizontal			
Standard: FCC Class B 3M Radiated				Power Source: DC 11.1V			
Test item: Radiation Test				Date: 2020/09/07			
Temp.(C)/Hum.(%) 23 C / 48 %				Time:			
EUT: MKD-100				Engineer Signature: PEI			
Mode: TX 2437MHz				Distance: 3m			
Model: MKD-100							
Manufacturer: Estone							
Note: 802.11n HT20							

110.0 dBuV/m

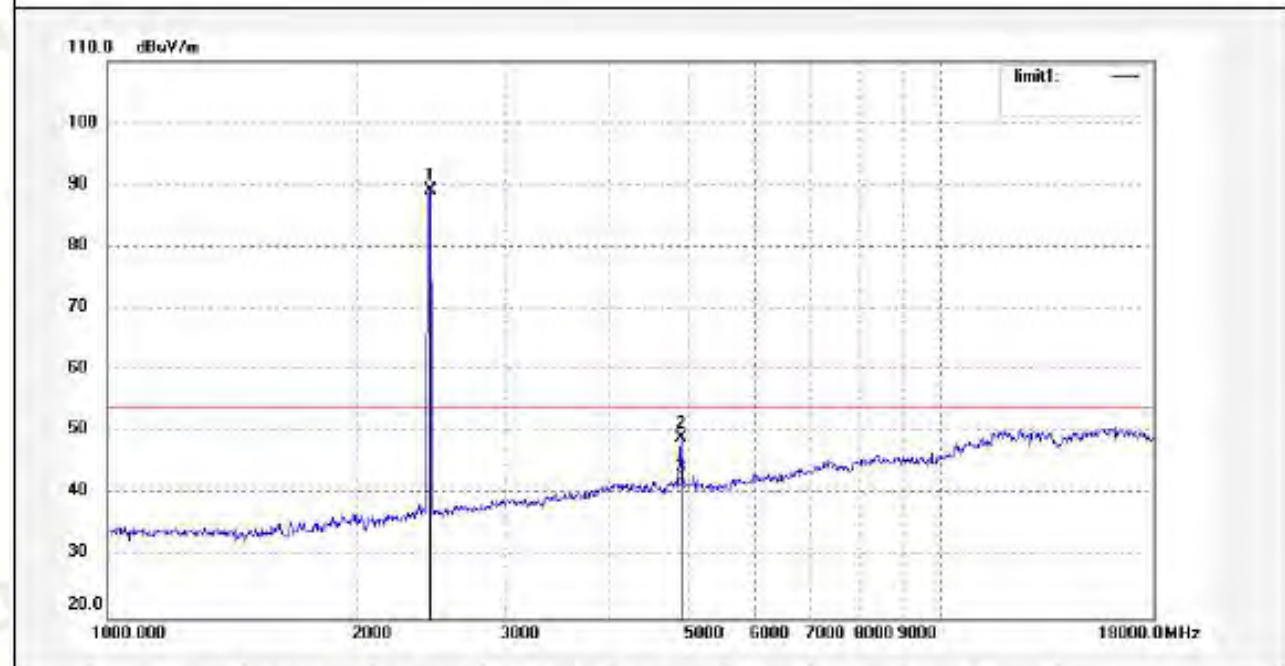


1000.000 2000 3000 4000 5000 6000 7000 8000 9000 18000.0MHz

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	97.08	-7.36	89.72	/	/	peak			
2	4874.345	48.50	0.09	48.59	74.00	-25.41	peak			
3	4874.345	40.87	0.09	40.96	54.00	-13.04	AVG			

E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT20	Humidity:	48 %
Frequency Range:	1GHz-18GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2437MHz	Test Results:	PASS

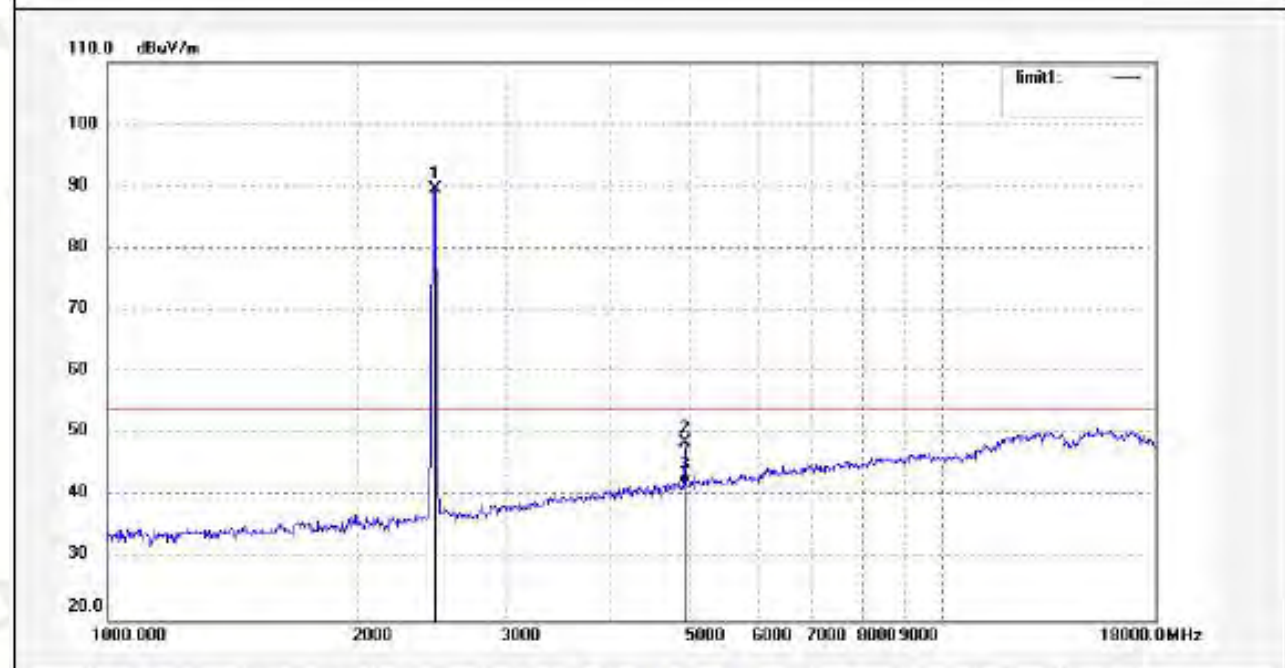
Job No.: Data 2020 #136	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 11.1V
Test item: Radiation Test	Date: 2020/09/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MKD-100	Engineer Signature: PEI
Mode: TX 2437MHz	Distance: 3m
Model: MKD-100	
Manufacturer: Estone	
Note: 802.11n HT20	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	96.60	-7.36	89.24	/	/	peak			
2	4874.274	48.96	0.09	49.05	74.00	-24.95	peak			
3	4874.274	41.26	0.09	41.35	54.00	-12.65	AVG			

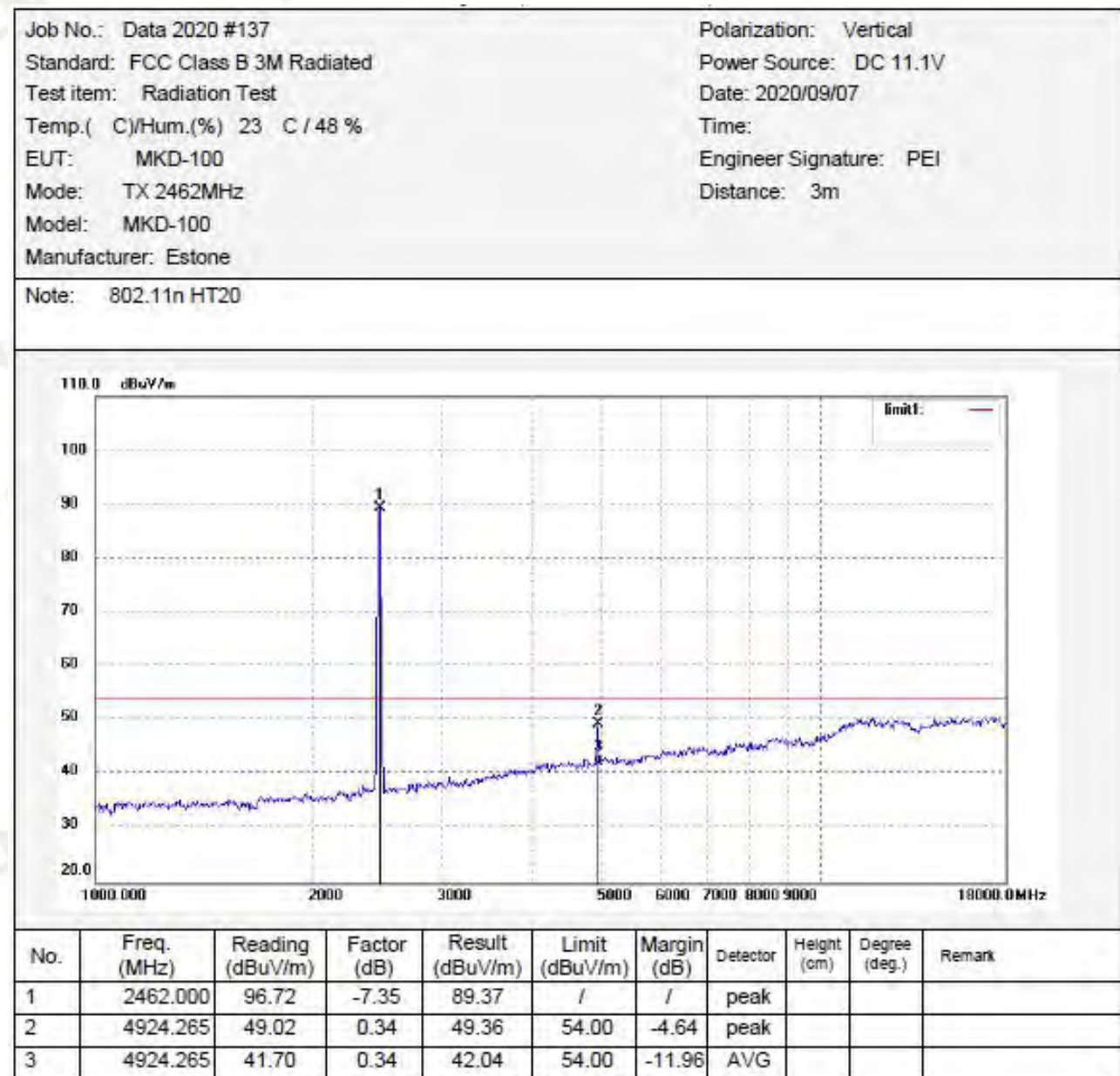
E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT20	Humidity:	48 %
Frequency Range:	1GHz-18GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2462MHz	Test Results:	PASS

Job No.: Data 2020 #138	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 11.1V
Test item: Radiation Test	Date: 2020/09/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MKD-100	Engineer Signature: PEI
Mode: TX 2462MHz	Distance: 3m
Model: MKD-100	
Manufacturer: Estone	
Note: 802.11n HT20	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	96.94	-7.35	89.59	/	/	peak			
2	4924.250	48.28	0.34	48.62	74.00	-25.38	peak			
3	4924.250	41.53	0.34	41.87	54.00	-12.13	AVG			

E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT20	Humidity:	48 %
Frequency Range:	1GHz-18GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2462MHz	Test Results:	PASS

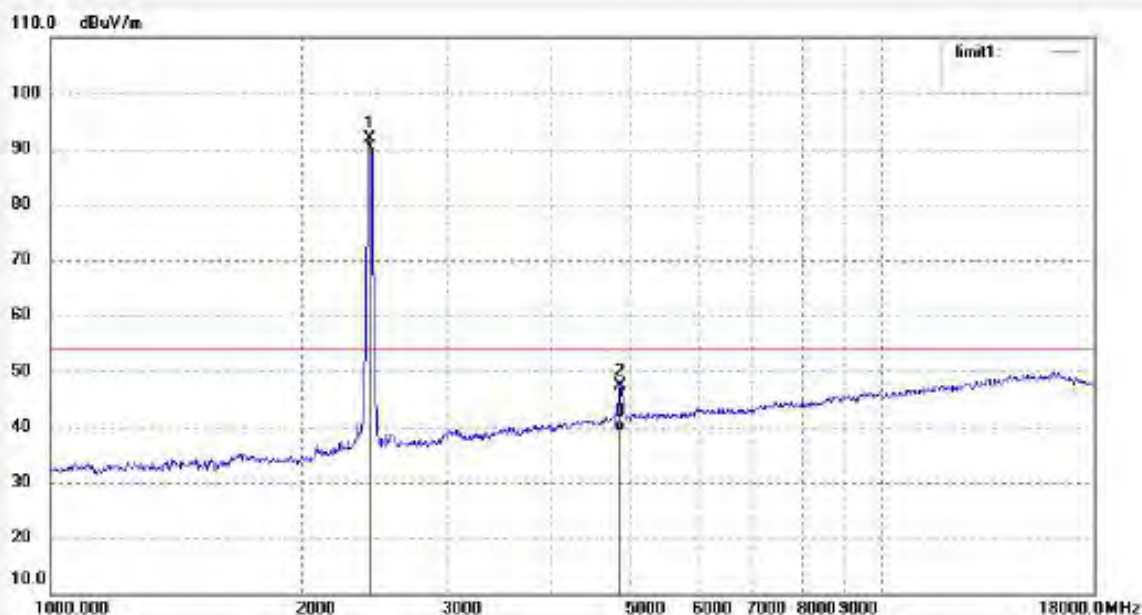


E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT40	Humidity:	48 %
Frequency Range:	1GHz-18GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2422MHz	Test Results:	PASS

Job No.: Data 2020 #145
 Standard: FCC Class B 3M Radiated
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 23 C / 48 %
 EUT: MKD-100
 Mode: TX 2422MHz
 Model: MKD-100
 Manufacturer: Estone

Polarization: Horizontal
 Power Source: DC 11.1V
 Date: 2020/09/07
 Time:
 Engineer Signature: PEI
 Distance: 3m

Note: 802.11n HT40



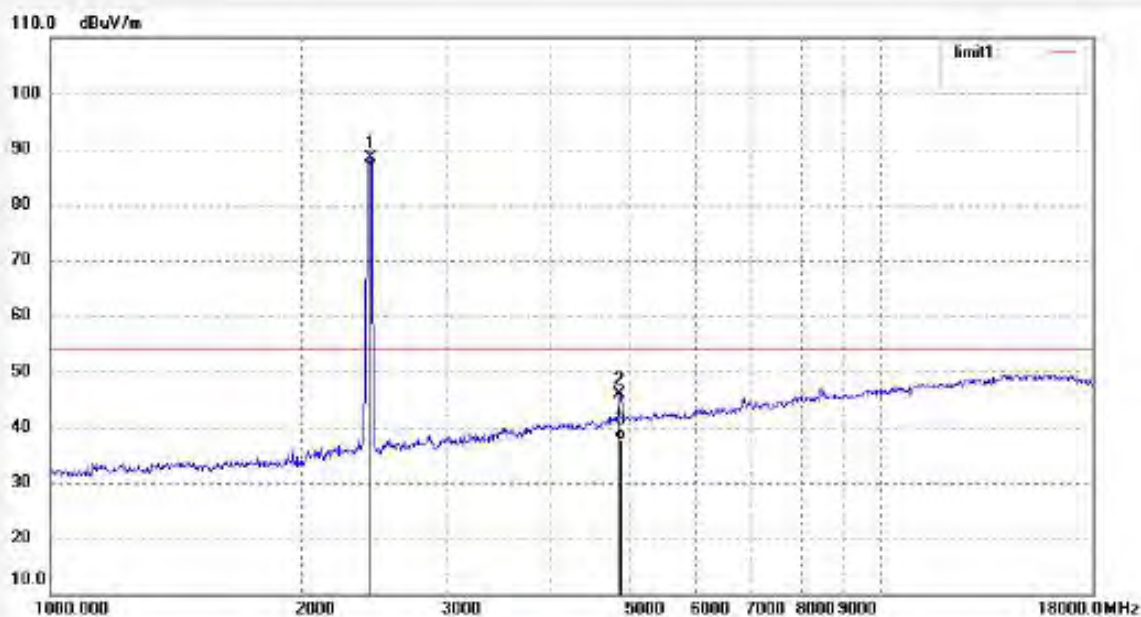
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2422.000	99.28	-7.40	91.88	/	/	peak			
2	4844.323	47.55	-0.08	47.47	74.00	-26.53	peak			
3	4844.323	39.28	-0.08	39.20	54.00	-14.80	AVG			

E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT40	Humidity:	48 %
Frequency Range:	1GHz-18GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 24282MHz	Test Results:	PASS

Job No.: Data 2020 #146
 Standard: FCC Class B 3M Radiated
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 23 C / 48 %
 EUT: MKD-100
 Mode: TX 2422MHz
 Model: MKD-100
 Manufacturer: Estone

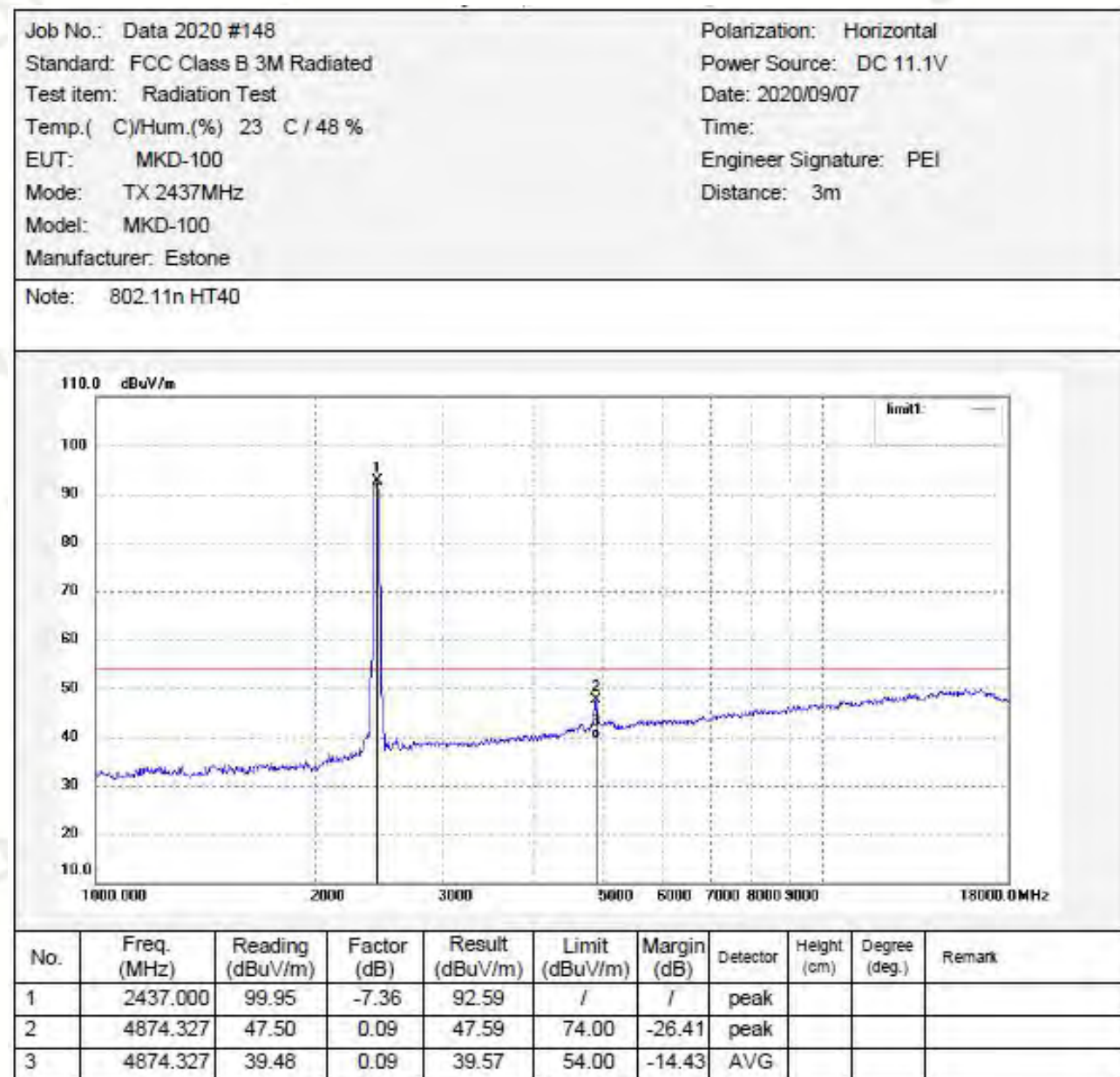
Polarization: Vertical
 Power Source: DC 11.1V
 Date: 2020/09/07
 Time:
 Engineer Signature: PEI
 Distance: 3m

Note: 802.11n HT40

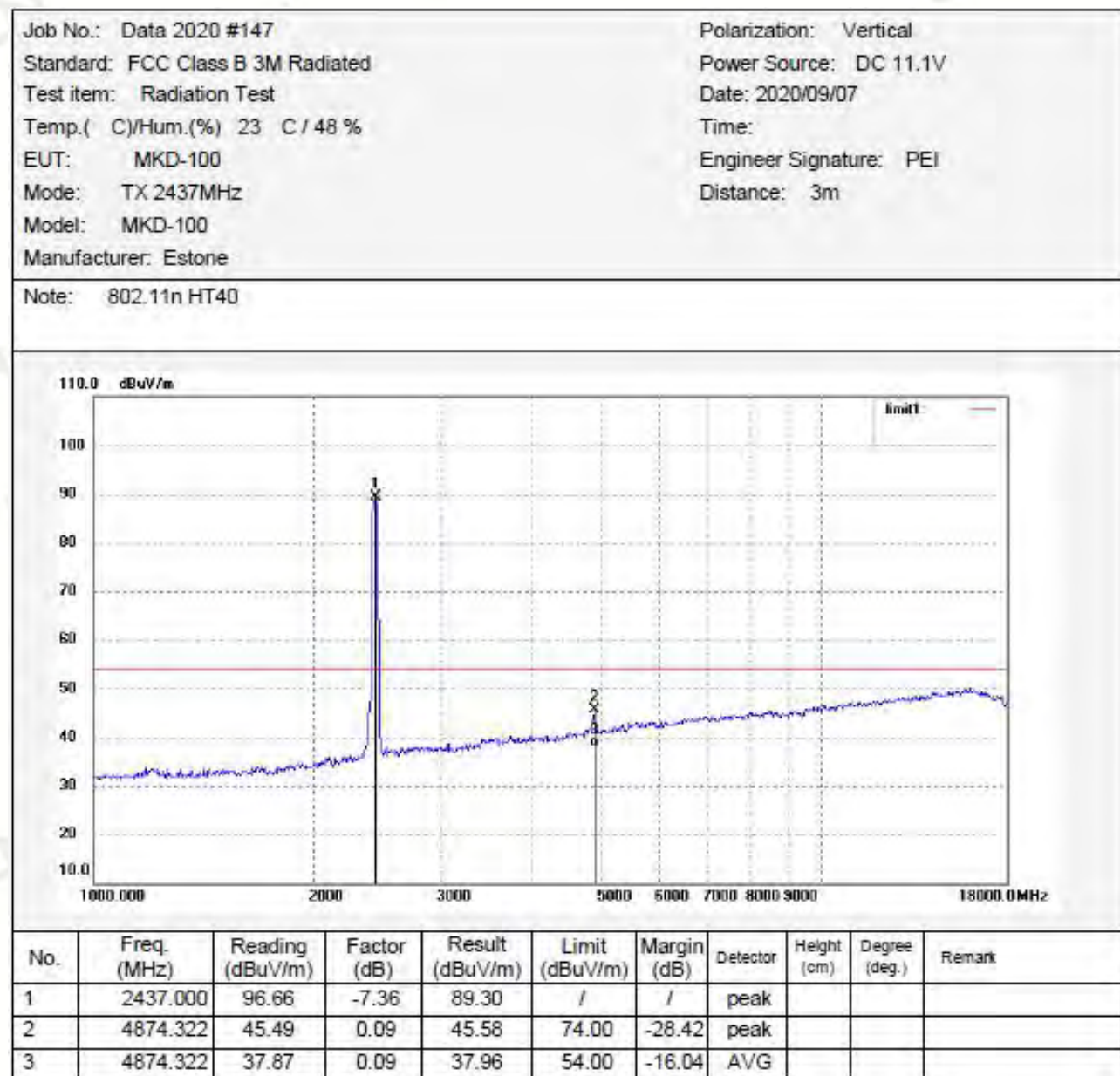


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2422.000	95.68	-7.40	88.28	/	/	peak			
2	4844.316	45.94	-0.08	45.86	74.00	-28.14	peak			
3	4844.316	37.65	-0.08	37.57	54.00	-16.43	AVG			

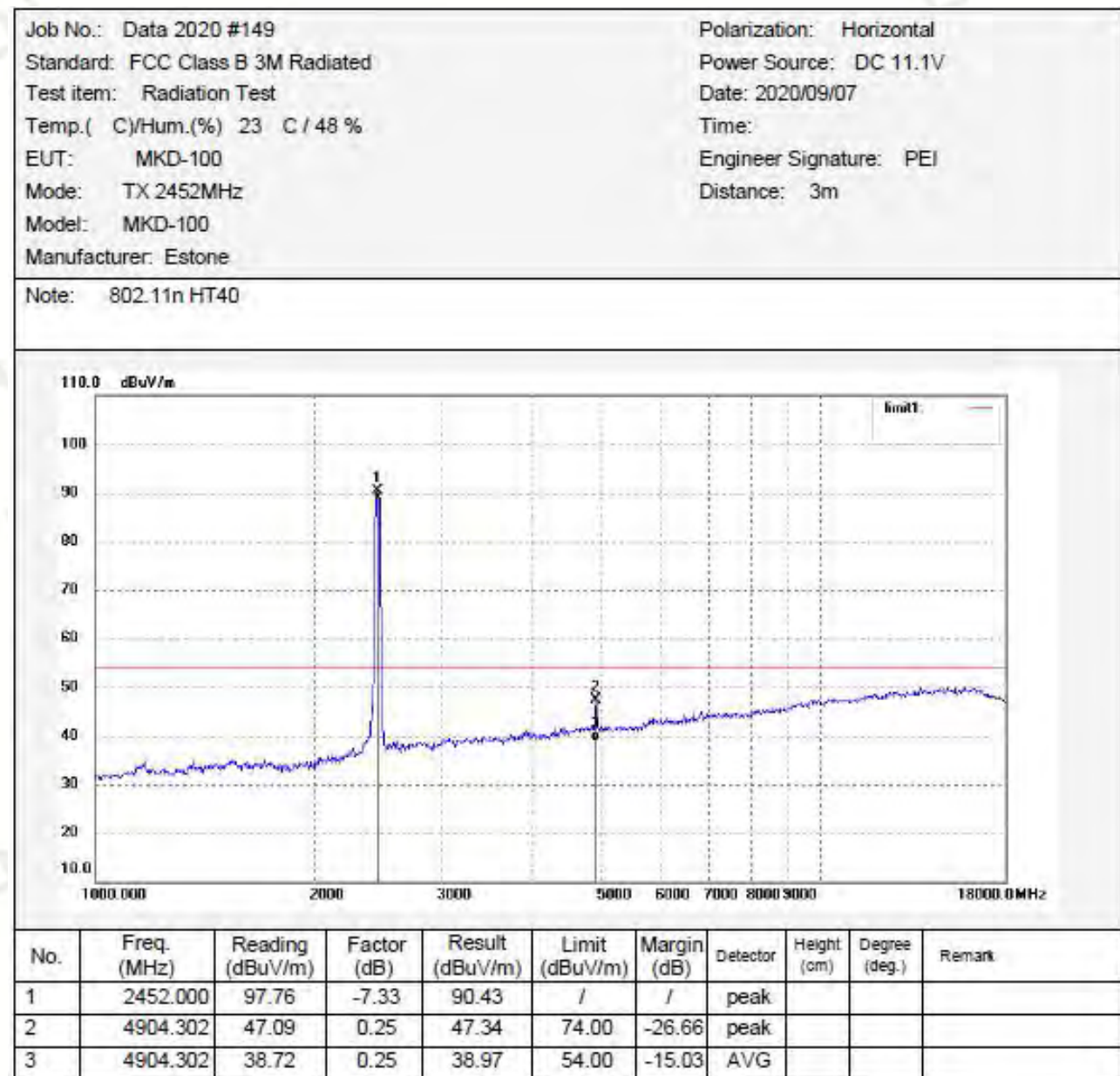
E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT40	Humidity:	48 %
Frequency Range:	1GHz-18GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2437MHz	Test Results:	PASS



E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT40	Humidity:	48 %
Frequency Range:	1GHz-18GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2437MHz	Test Results:	PASS

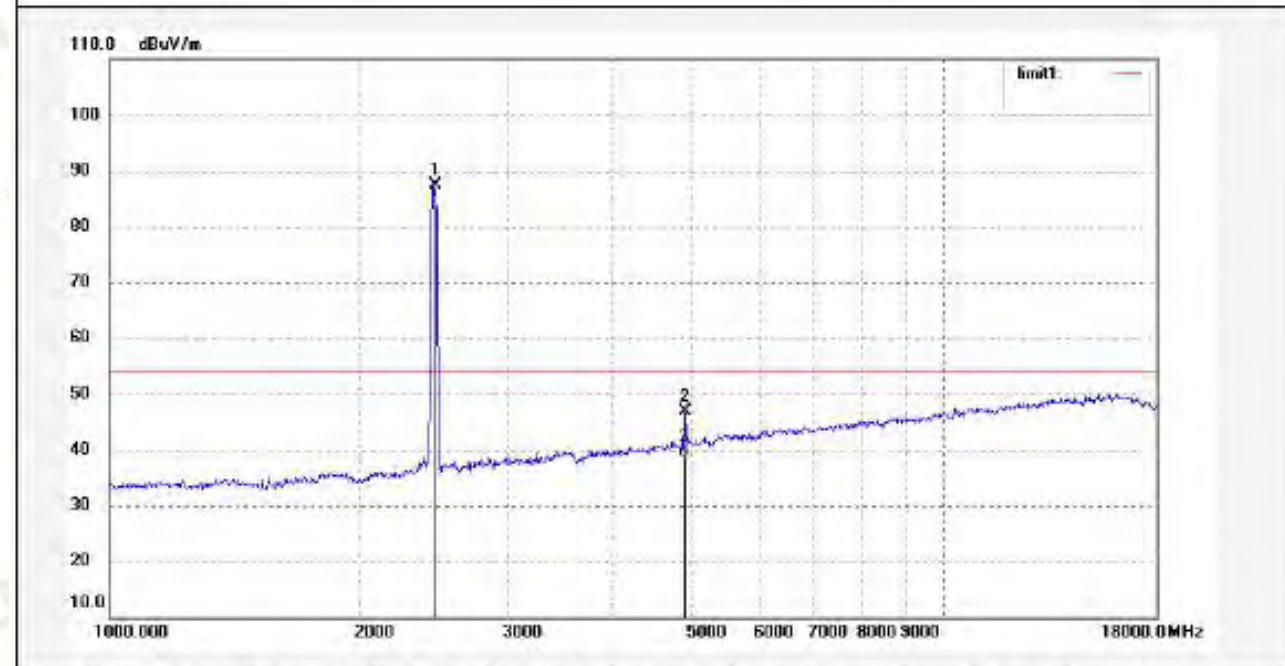


E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT40	Humidity:	48 %
Frequency Range:	1GHz-18GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2462MHz	Test Results:	PASS



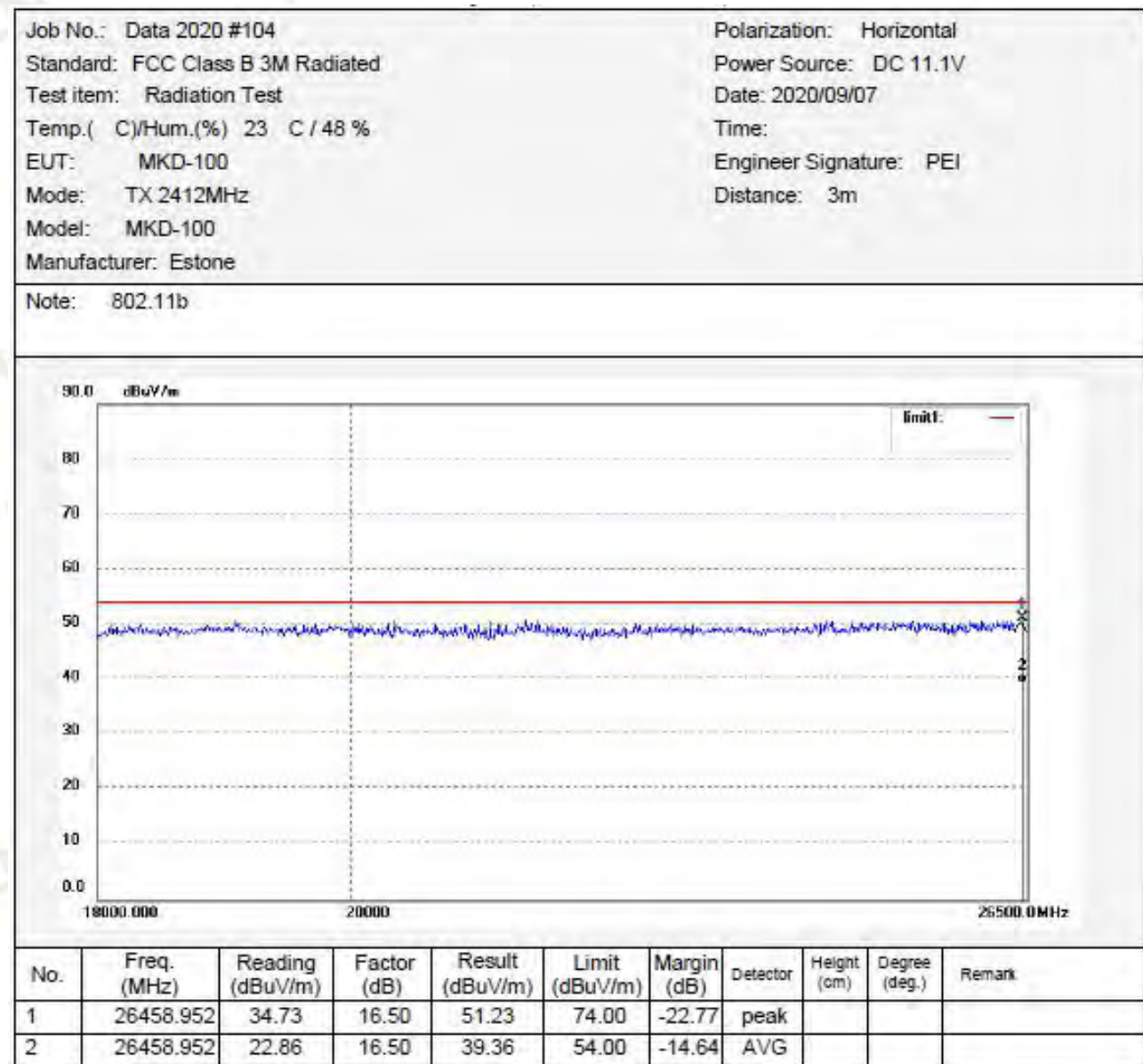
E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT40	Humidity:	48 %
Frequency Range:	1GHz-18GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2462MHz	Test Results:	PASS

Job No.: Data 2020 #150	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 11.1V
Test item: Radiation Test	Date: 2020/09/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MKD-100	Engineer Signature: PEI
Mode: TX 2452MHz	Distance: 3m
Model: MKD-100	
Manufacturer: Estone	
Note: 802.11n HT40	

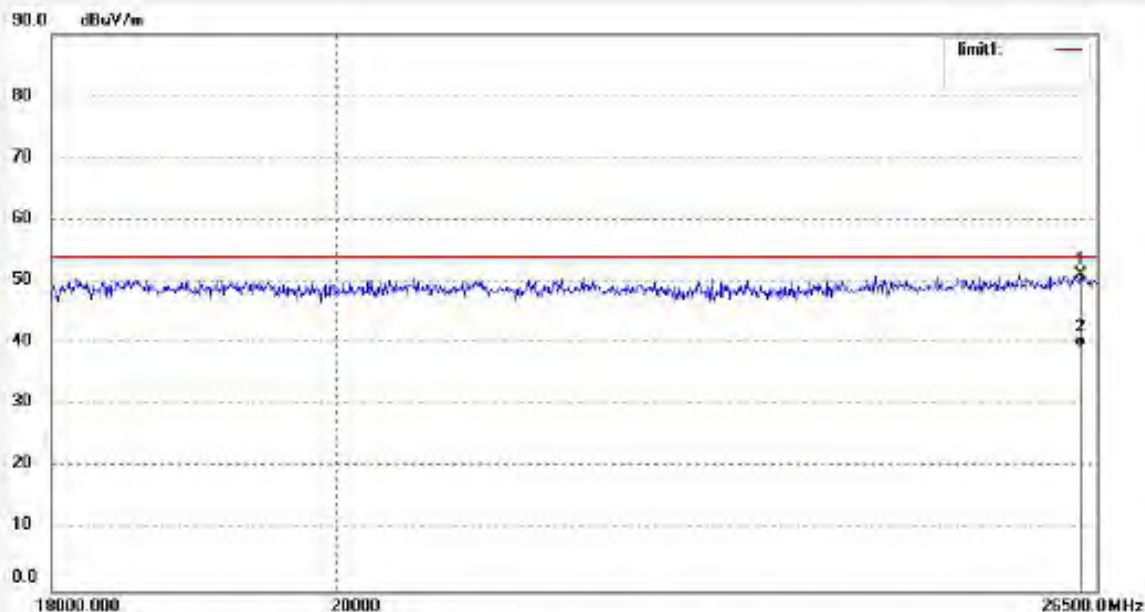


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2452.000	94.62	-7.33	87.29	/	/	peak			
2	4904.287	46.64	0.25	46.89	74.00	-27.11	peak			
3	4904.287	38.27	0.25	38.52	54.00	-15.48	AVG			

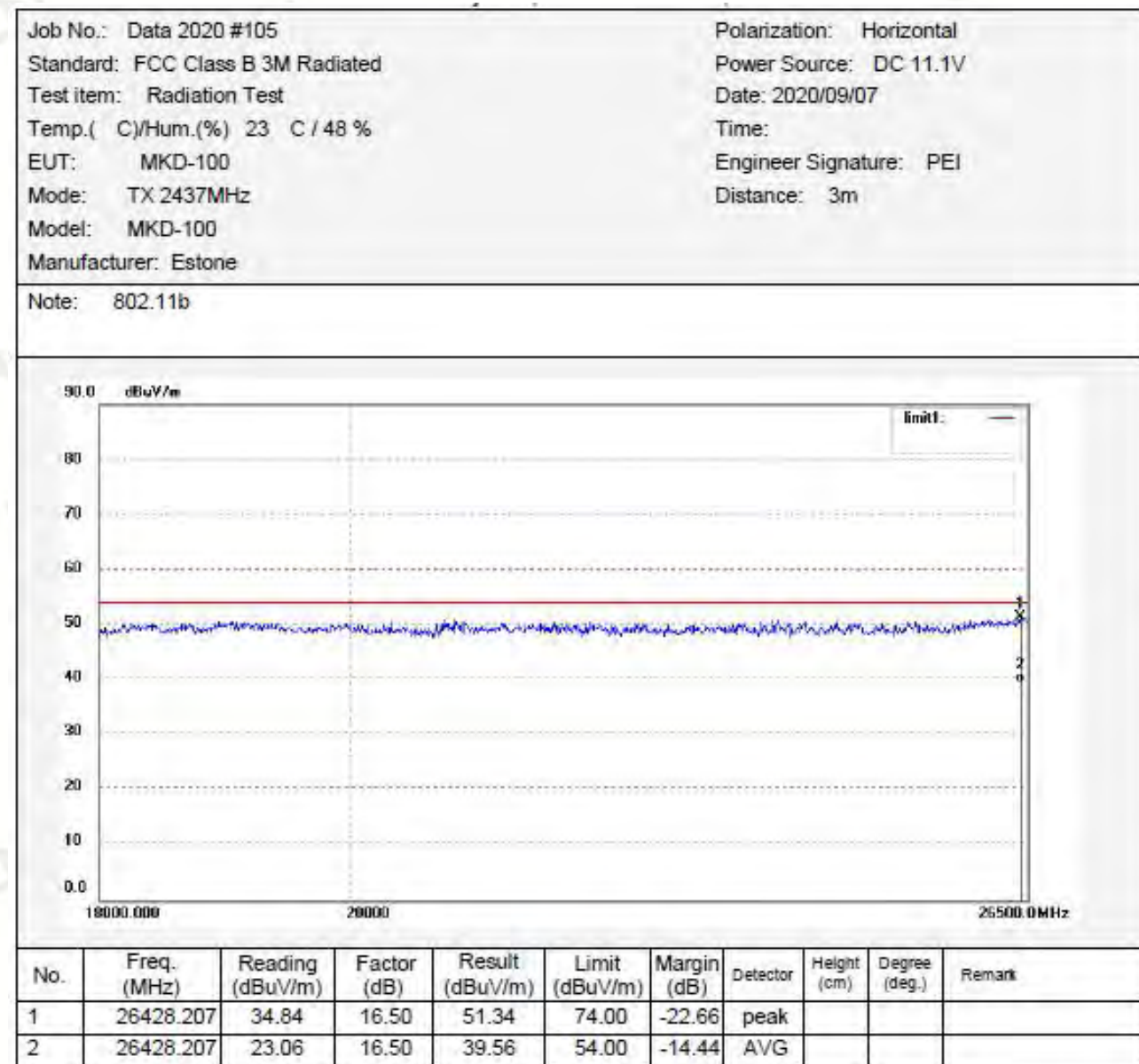
E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11b	Humidity:	48 %
Frequency Range:	18GHz-26.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2412MHz	Test Results:	PASS



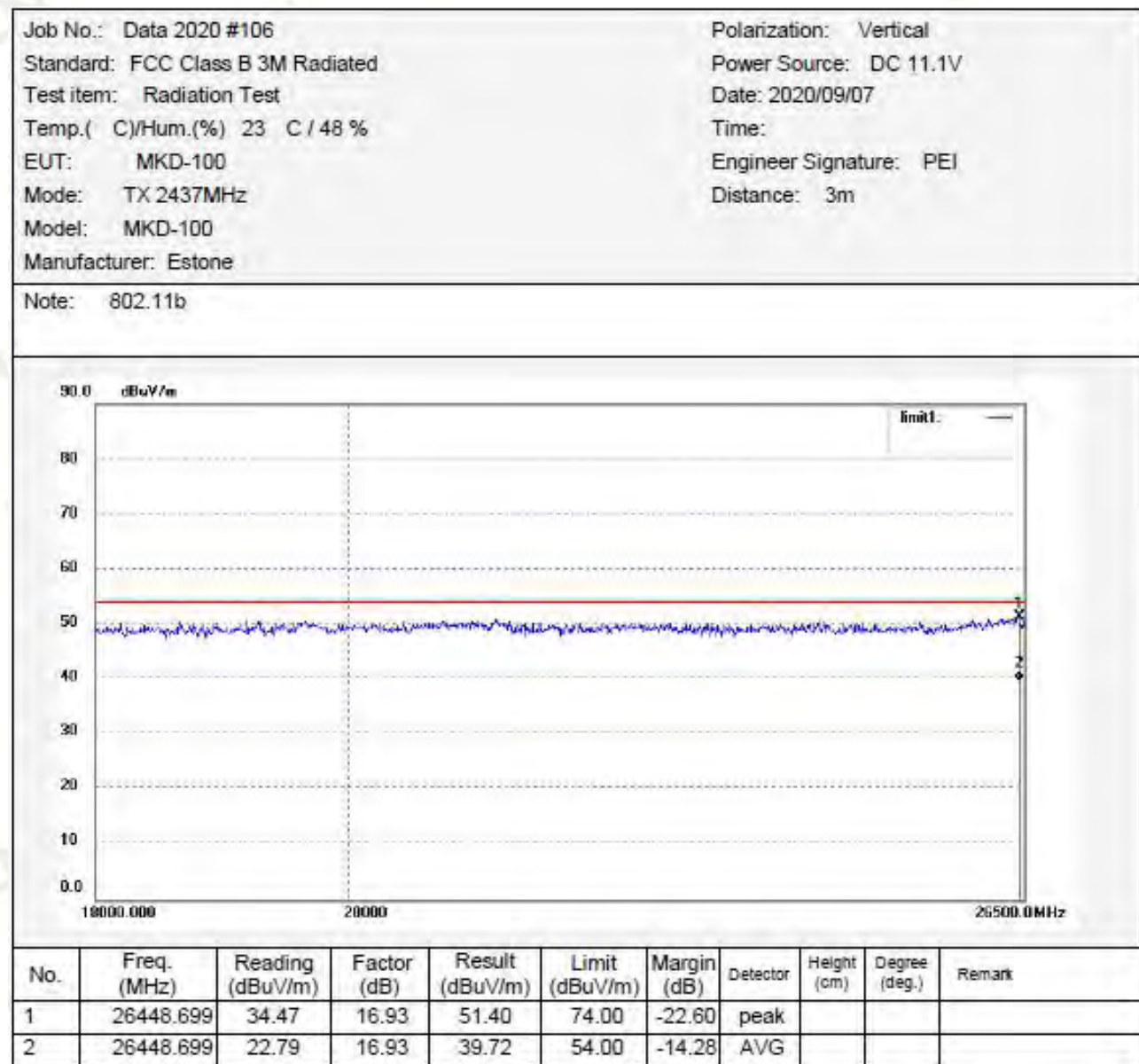
E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11b	Humidity:	48 %
Frequency Range:	18GHz-26.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2412MHz	Test Results:	PASS

Job No.: Data 2020 #103					Polarization: Vertical					
Standard: FCC Class B 3M Radiated					Power Source: DC 11.1V					
Test item: Radiation Test					Date: 2020/09/07					
Temp.(C)/Hum.(%) 23 C / 48 %					Time:					
EUT: MKD-100					Engineer Signature: PEI					
Mode: TX 2412MHz					Distance: 3m					
Model: MKD-100										
Manufacturer: Estone										
Note: 802.11b										
										
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26346.396	34.24	17.00	51.24	74.00	-22.76	peak			
2	26346.396	22.53	17.00	39.53	54.00	-14.47	AVG			

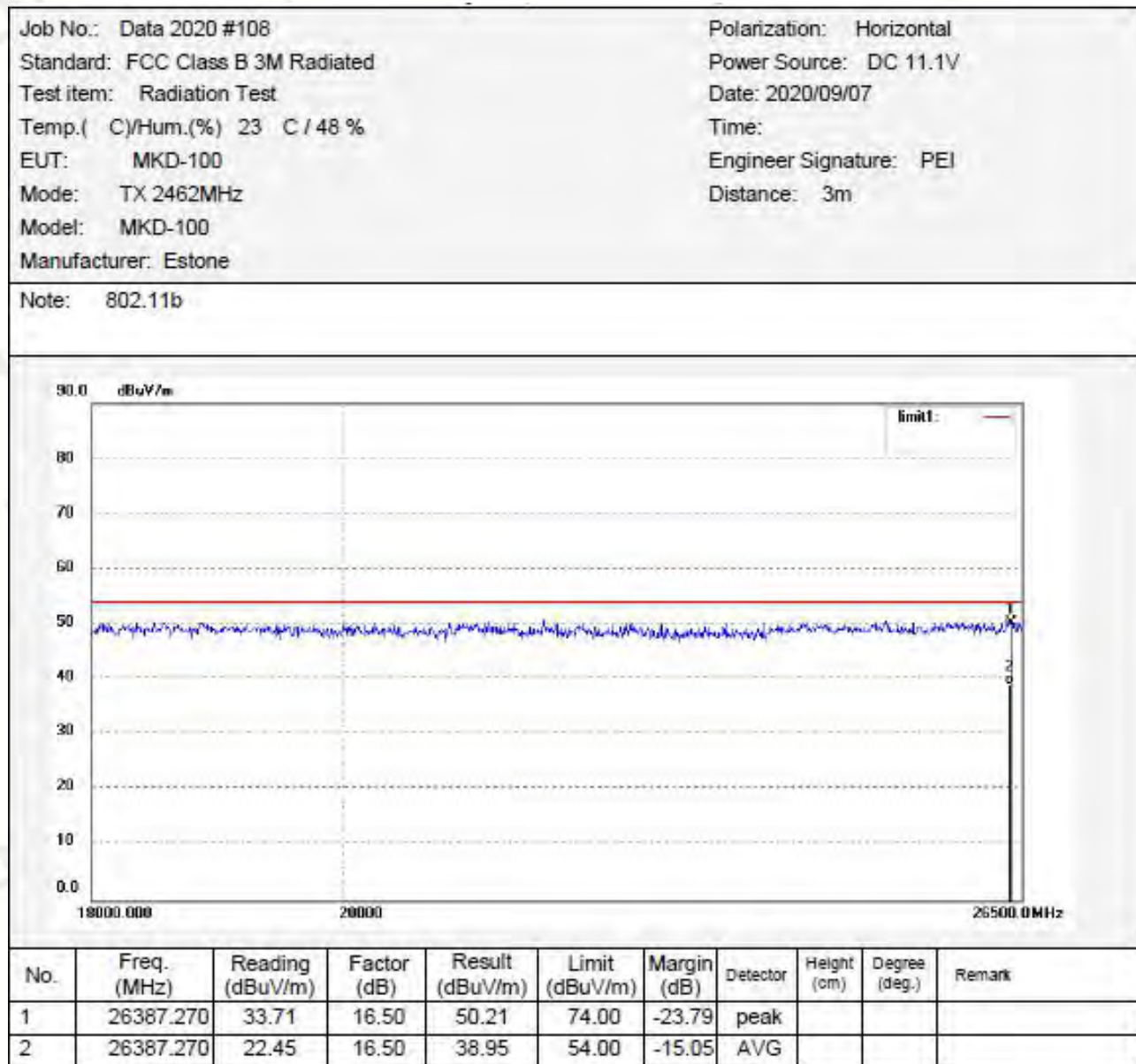
E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11b	Humidity:	48 %
Frequency Range:	18GHz-26.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2437MHz	Test Results:	PASS



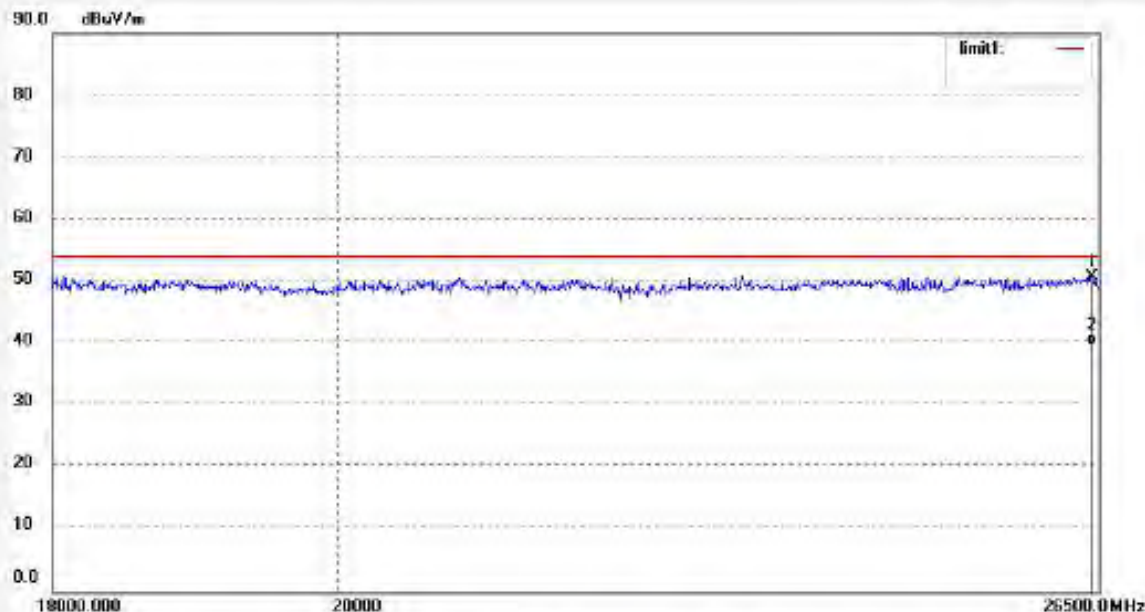
E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11b	Humidity:	48 %
Frequency Range:	18GHz-26.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2437MHz	Test Results:	PASS



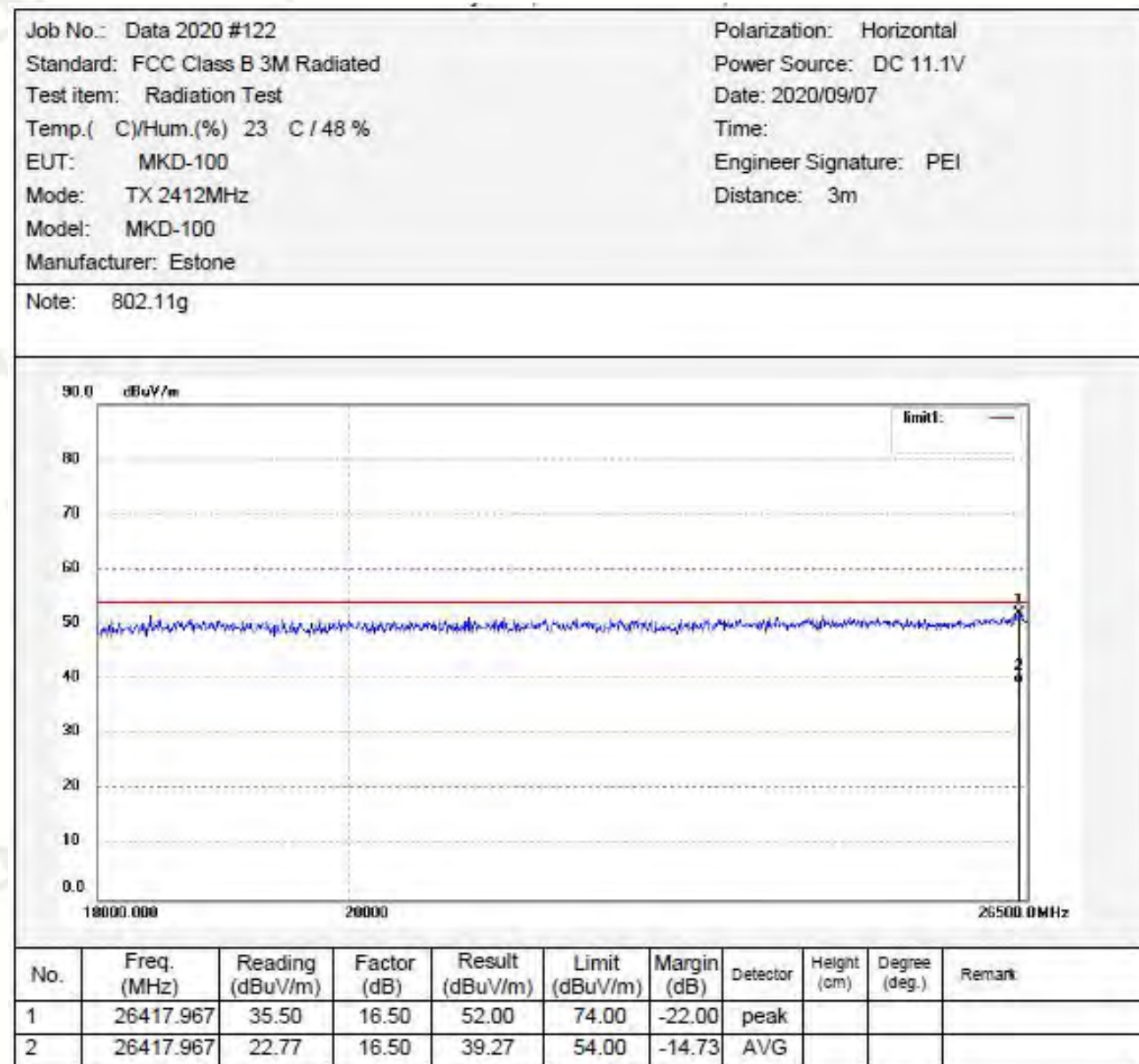
E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11b	Humidity:	48 %
Frequency Range:	18GHz-26.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2462MHz	Test Results:	PASS



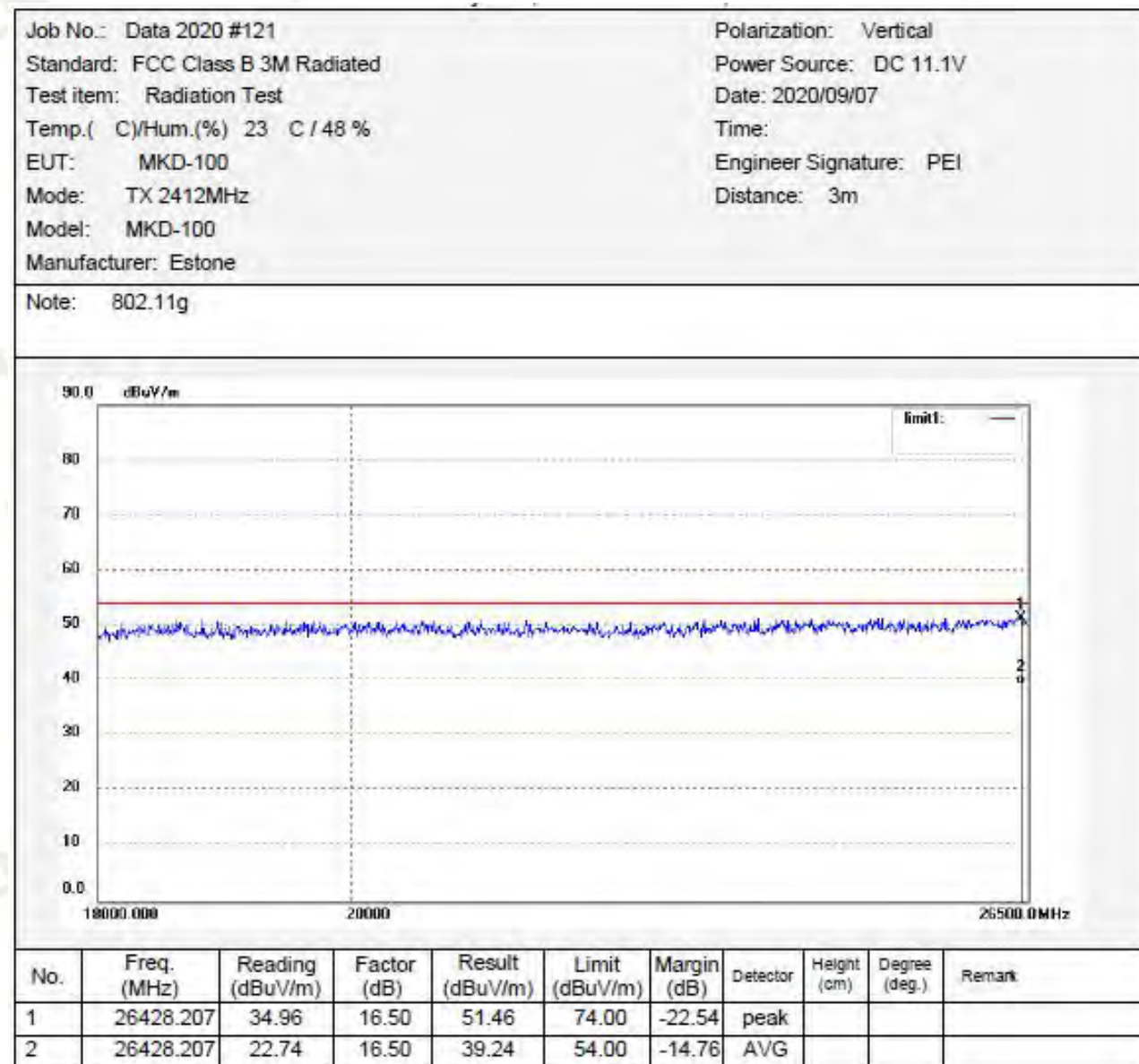
E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11b	Humidity:	48 %
Frequency Range:	18GHz-26.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2462MHz	Test Results:	PASS

Job No.: Data 2020 #107					Polarization: Vertical					
Standard: FCC Class B 3M Radiated					Power Source: DC 11.1V					
Test item: Radiation Test					Date: 2020/09/07					
Temp.(C)/Hum.(%) 23 C / 48 %					Time:					
EUT: MKD-100					Engineer Signature: PEI					
Mode: TX 2462MHz					Distance: 3m					
Model: MKD-100										
Manufacturer: Estone										
Note: 802.11b										
										
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26438.451	33.90	16.94	50.84	74.00	-23.16	peak			
2	26438.451	22.68	16.94	39.62	54.00	-14.38	AVG			

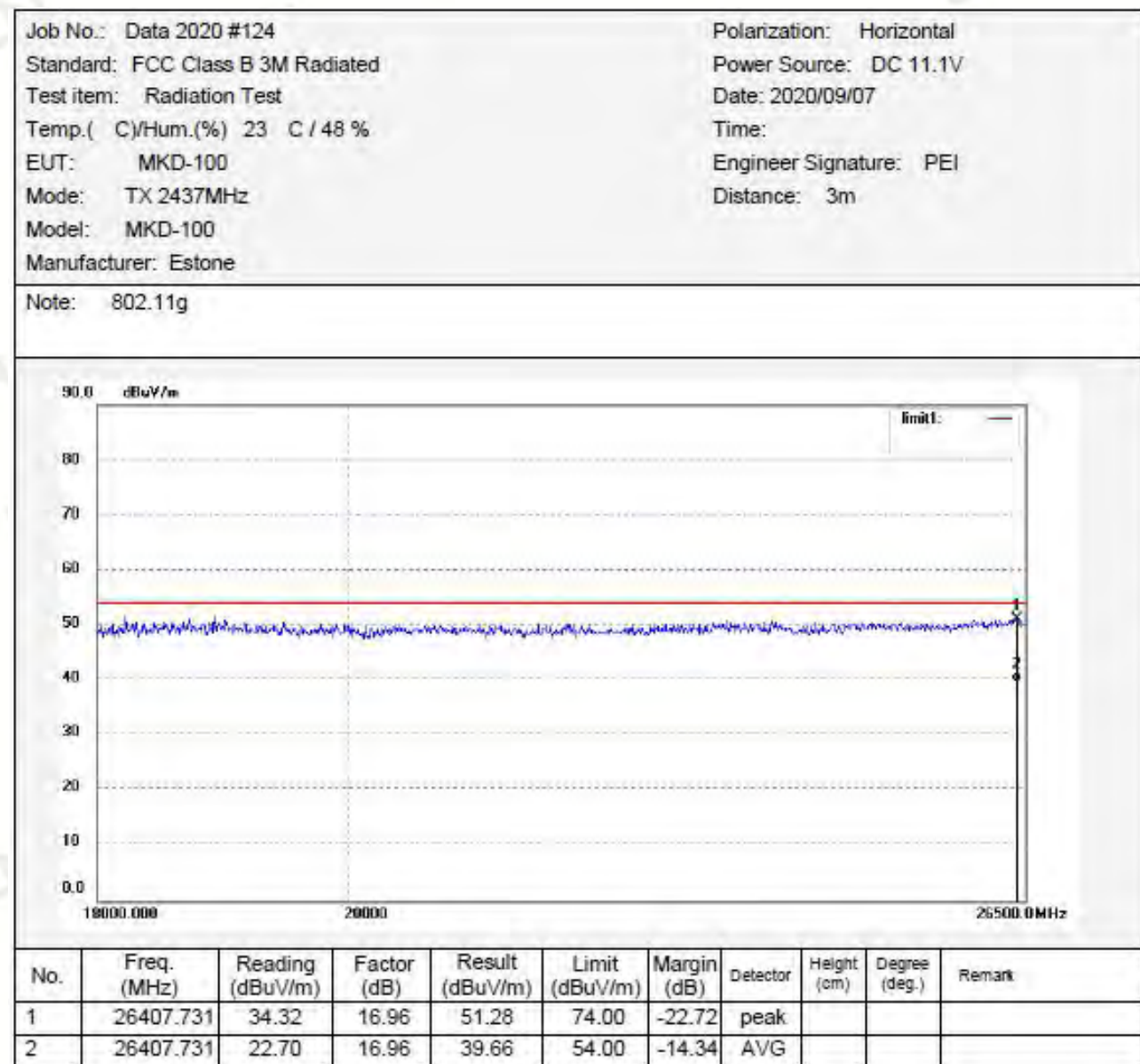
E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11g	Humidity:	48 %
Frequency Range:	18GHz-26.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2412MHz	Test Results:	PASS



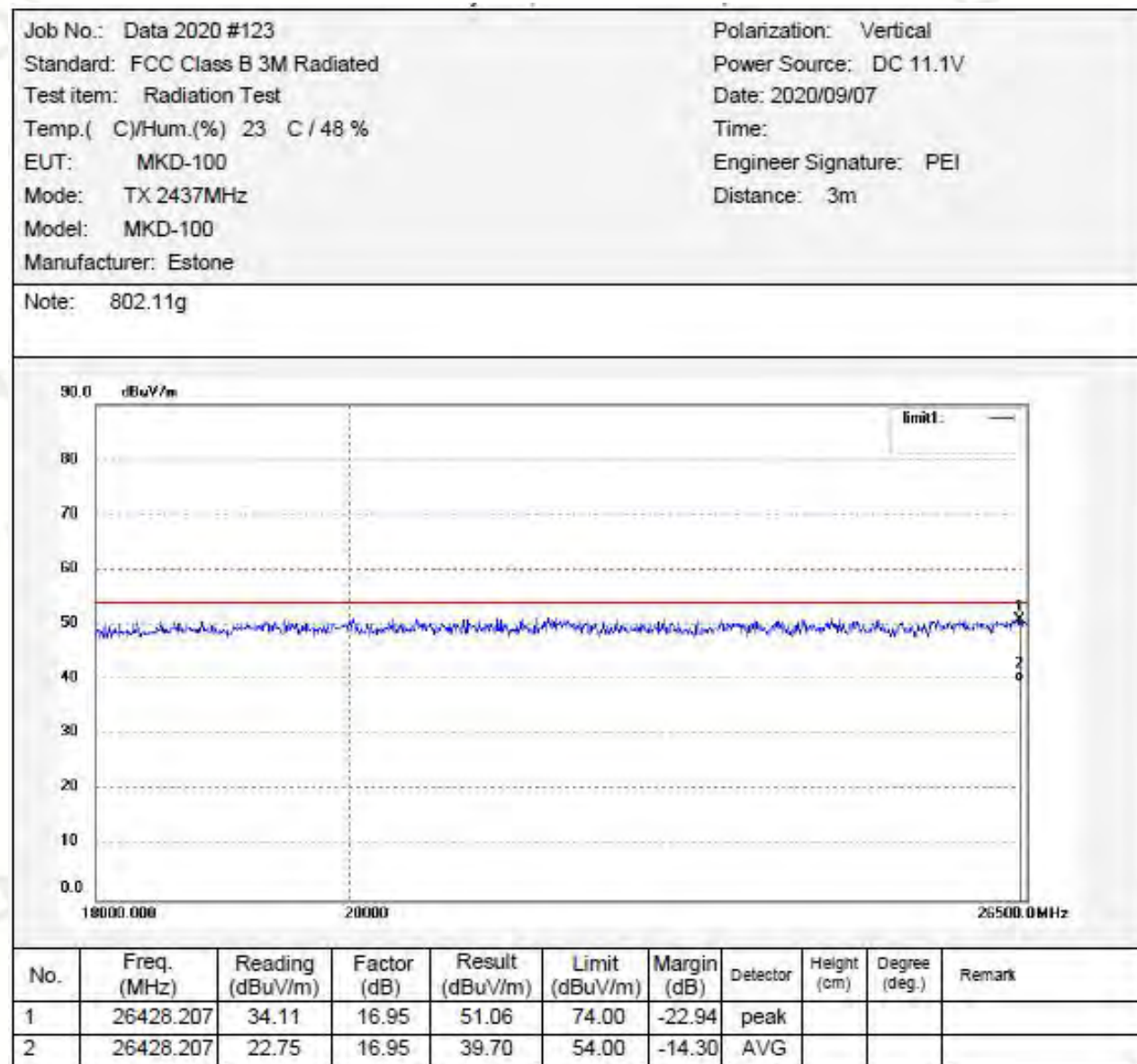
E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11g	Humidity:	48 %
Frequency Range:	18GHz-26.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2412MHz	Test Results:	PASS



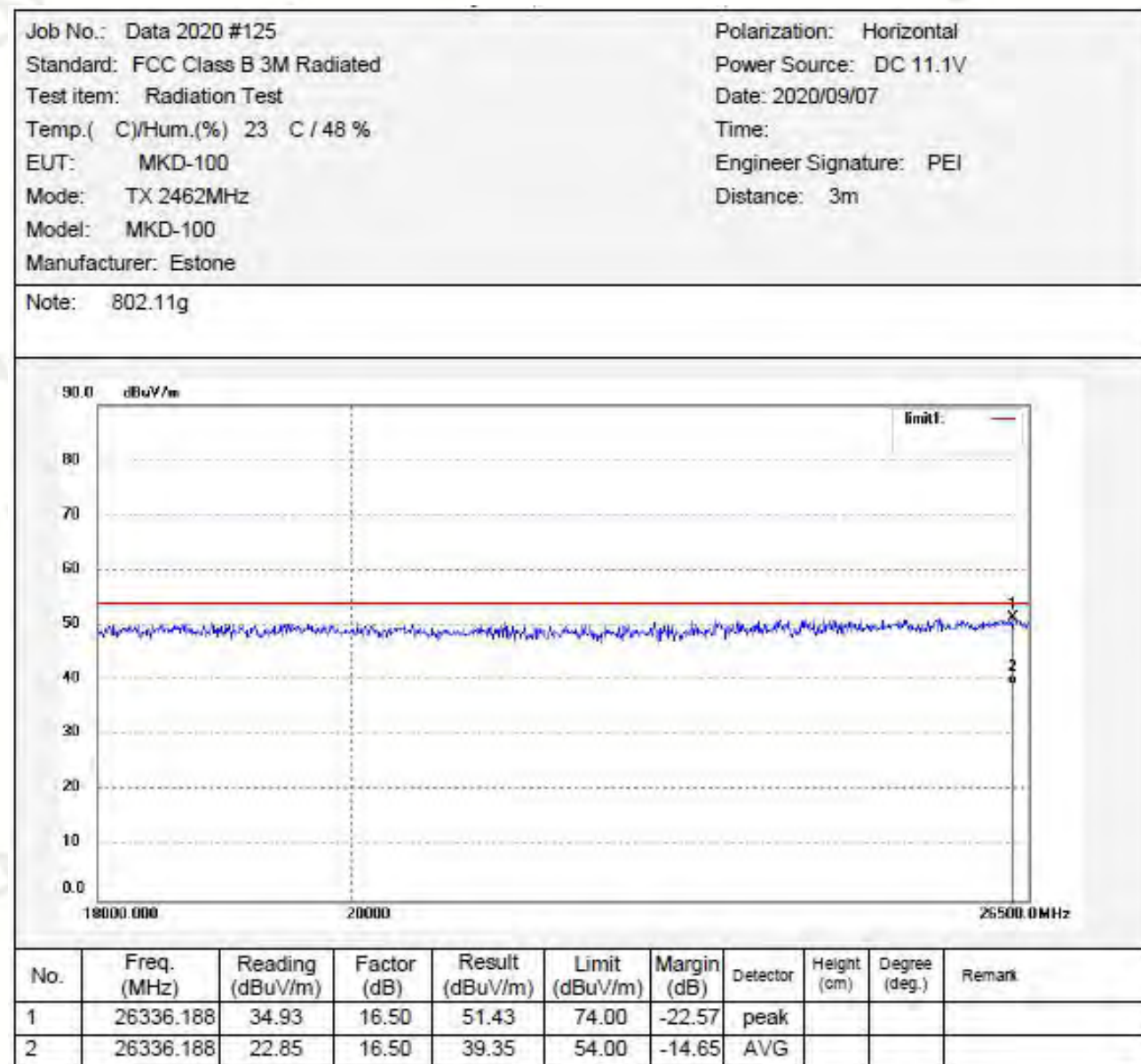
E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11g	Humidity:	48 %
Frequency Range:	18GHz-26.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2437MHz	Test Results:	PASS



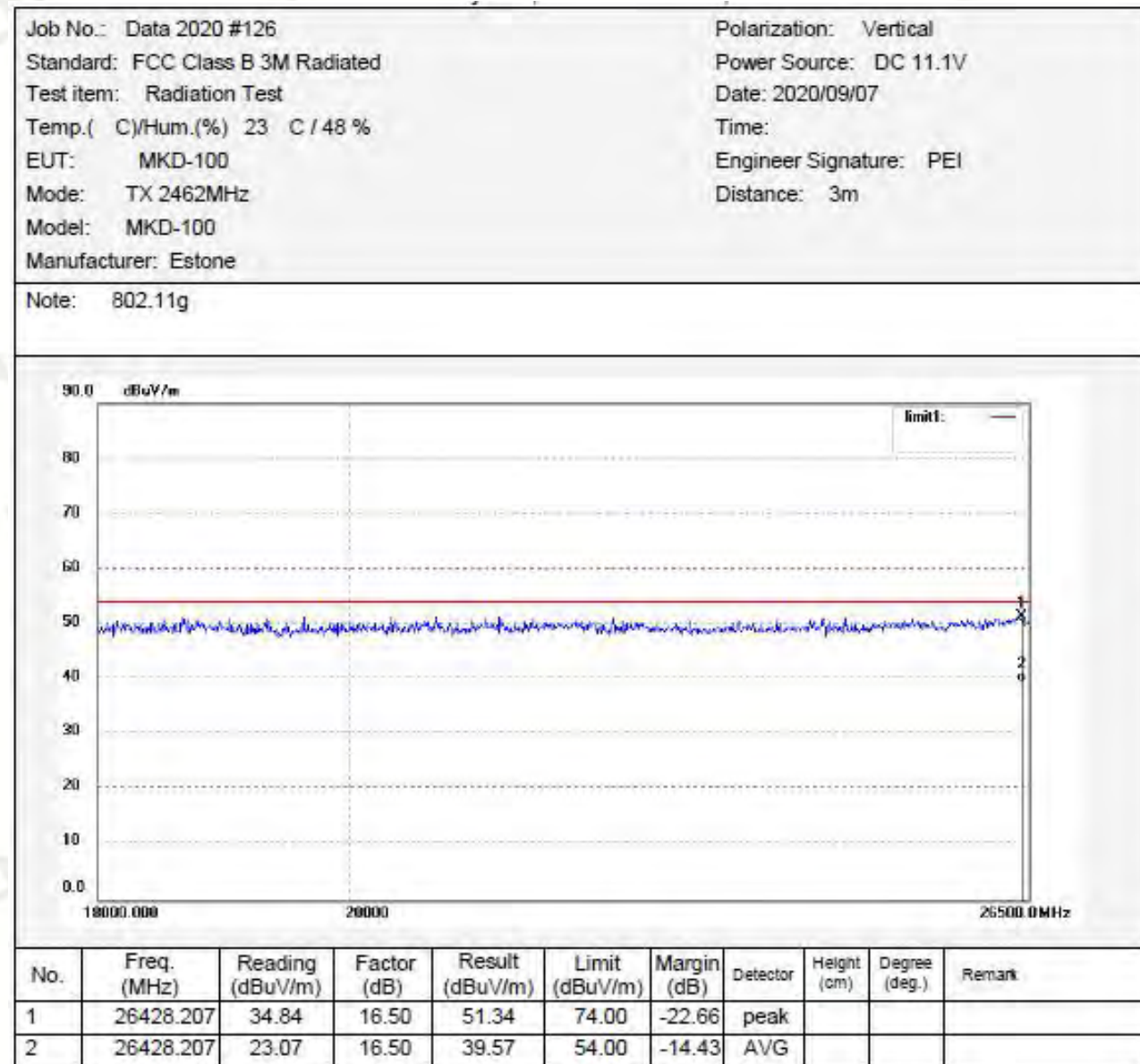
E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11g	Humidity:	48 %
Frequency Range:	18GHz-26.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2437MHz	Test Results:	PASS



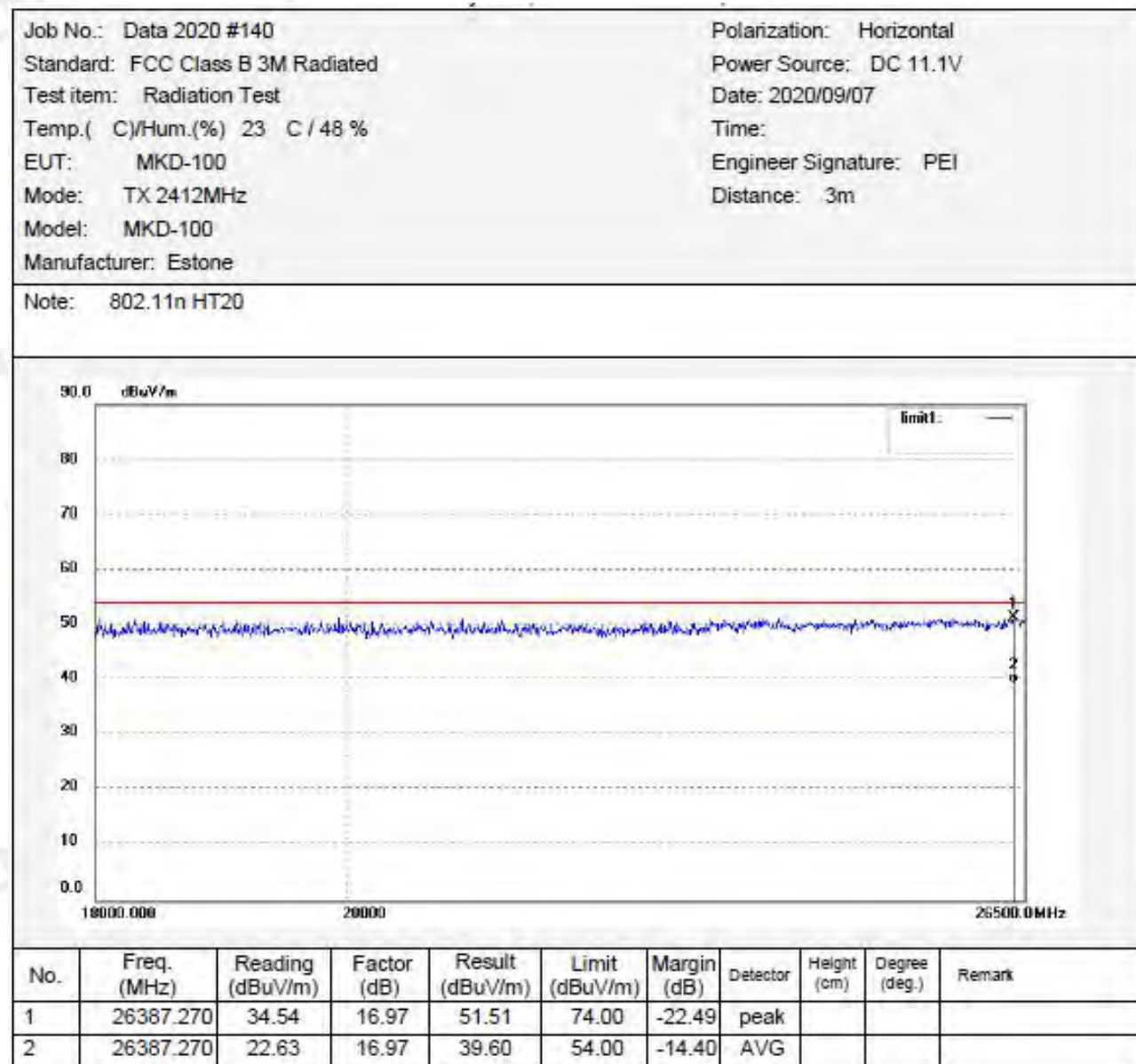
E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11g	Humidity:	48 %
Frequency Range:	18GHz-26.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2462MHz	Test Results:	PASS



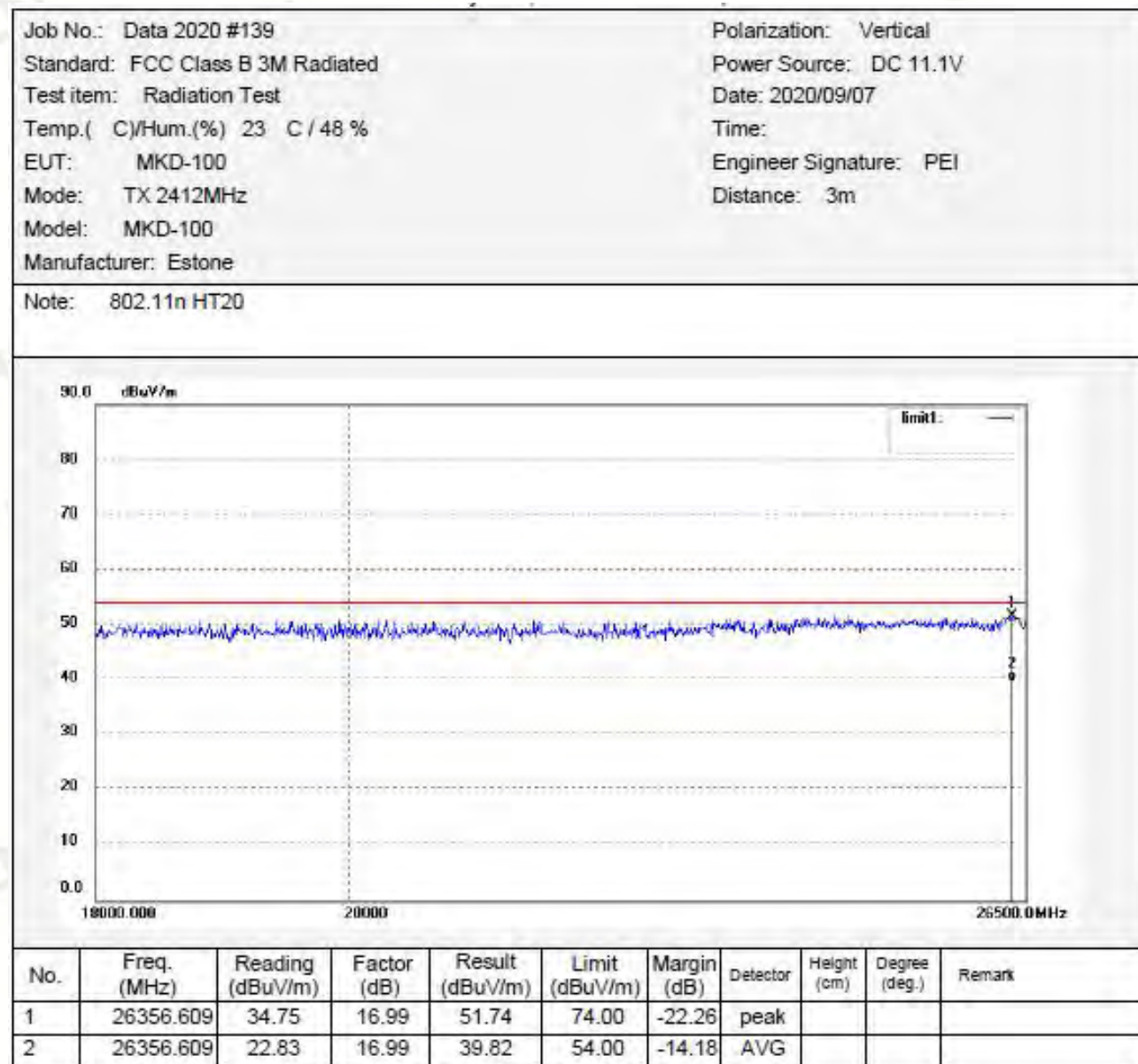
E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11g	Humidity:	48 %
Frequency Range:	18GHz-26.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2462MHz	Test Results:	PASS



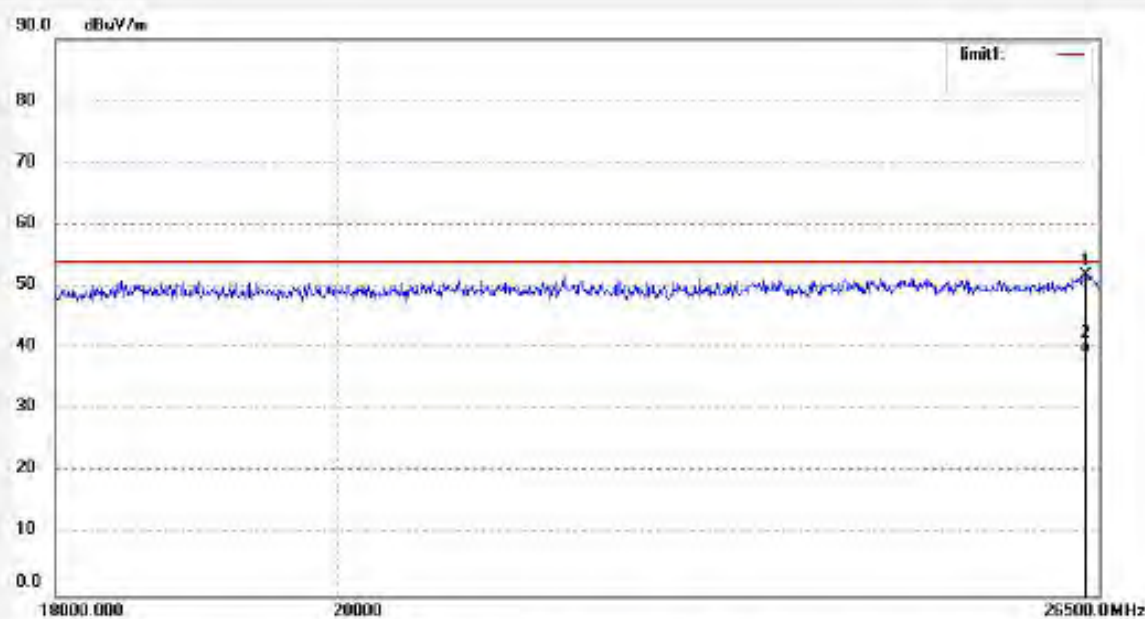
E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT20	Humidity:	48 %
Frequency Range:	18GHz-26.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2412MHz	Test Results:	PASS



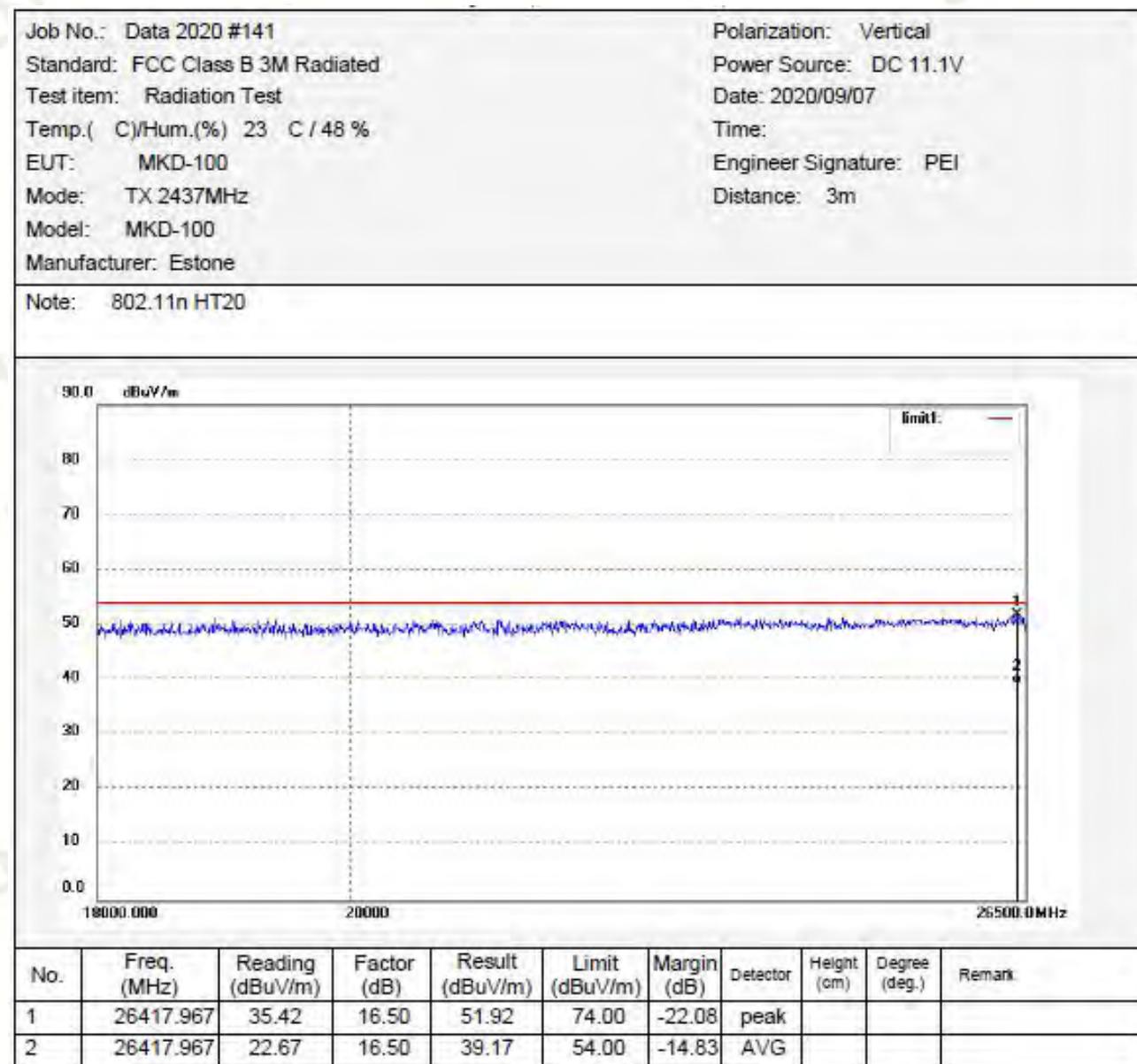
E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT20	Humidity:	48 %
Frequency Range:	18GHz-26.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2412MHz	Test Results:	PASS



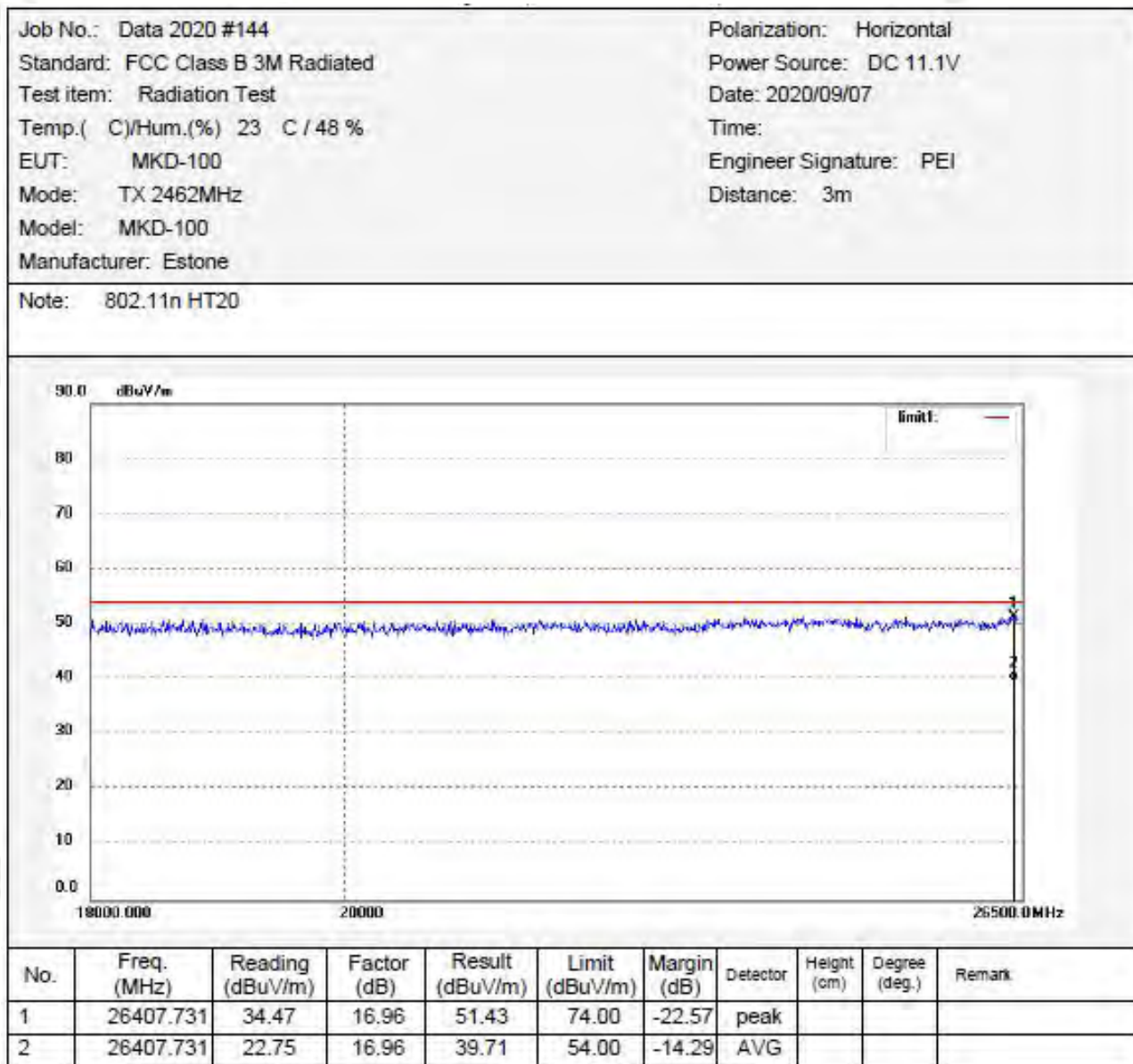
E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT20	Humidity:	48 %
Frequency Range:	18GHz-26.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2437MHz	Test Results:	PASS

Job No.: Data 2020 #142					Polarization: Horizontal					
Standard: FCC Class B 3M Radiated					Power Source: DC 11.1V					
Test item: Radiation Test					Date: 2020/09/07					
Temp.(C)/Hum.(%) 23 C / 48 %					Time:					
EUT: MKD-100					Engineer Signature: PEI					
Mode: TX 2437MHz					Distance: 3m					
Model: MKD-100										
Manufacturer: Estone										
Note: 802.11n HT20										
90.0 dBuV/m 80 70 60 50 40 30 20 10 0.0 18000.000 20000 26500.0MHz limit  The graph displays the radiation test results for the EUT. The Y-axis represents the reading in dBuV/m, ranging from 0.0 to 90.0. The X-axis represents the frequency in MHz, ranging from 18000.000 to 26500.000. A red horizontal line indicates the limit at 74.00 dBuV/m. The test results are shown as a blue line fluctuating around 51.83 dBuV/m. Two specific data points are highlighted: 1. Peak at 26377.046 MHz with a reading of 35.33 dBuV/m and a margin of -22.17 dB. 2. Average at 26377.046 MHz with a reading of 22.82 dBuV/m and a margin of -14.68 dB.										
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26377.046	35.33	16.50	51.83	74.00	-22.17	peak			
2	26377.046	22.82	16.50	39.32	54.00	-14.68	AVG			

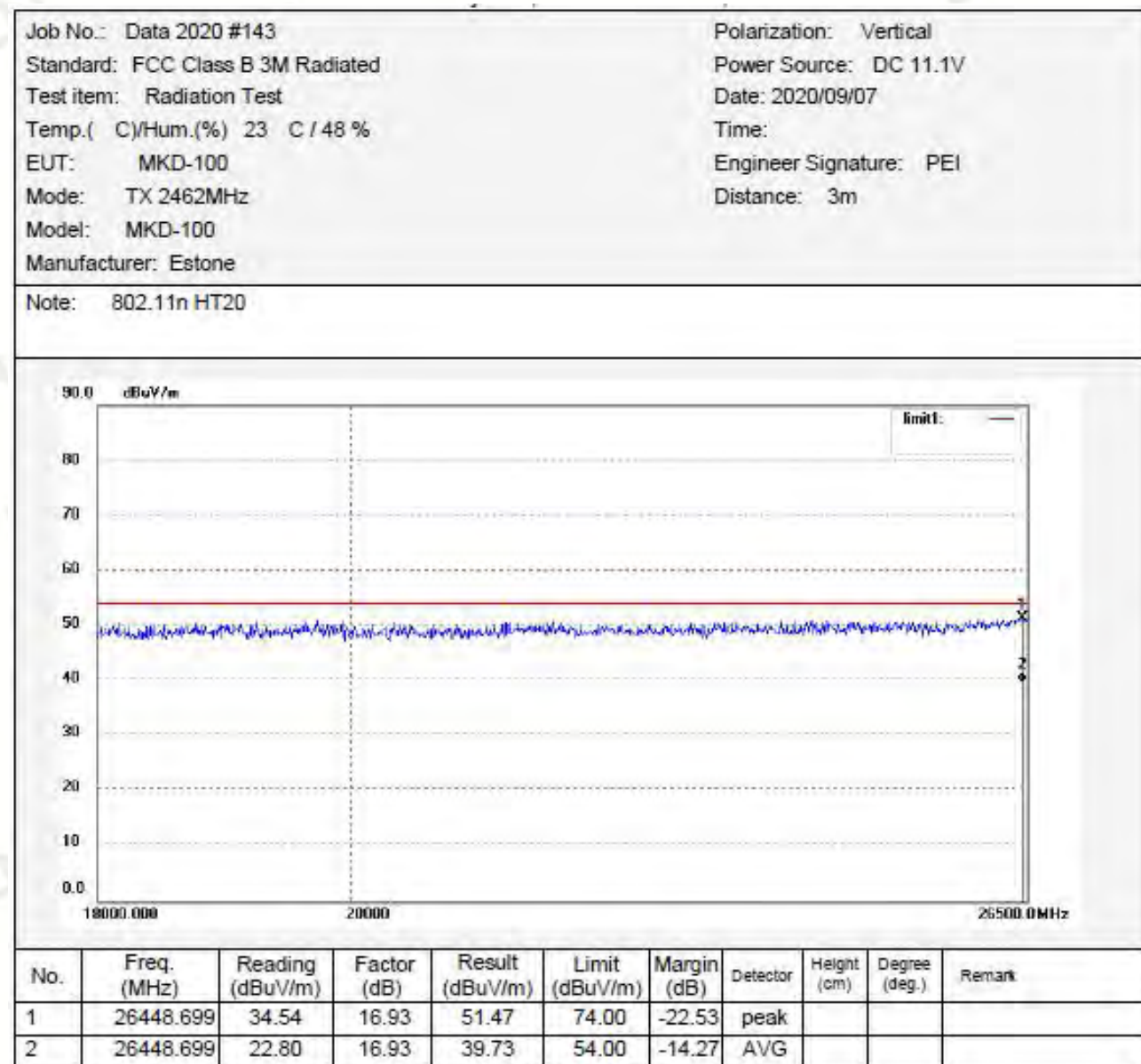
E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT20	Humidity:	48 %
Frequency Range:	18GHz-26.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2437MHz	Test Results:	PASS



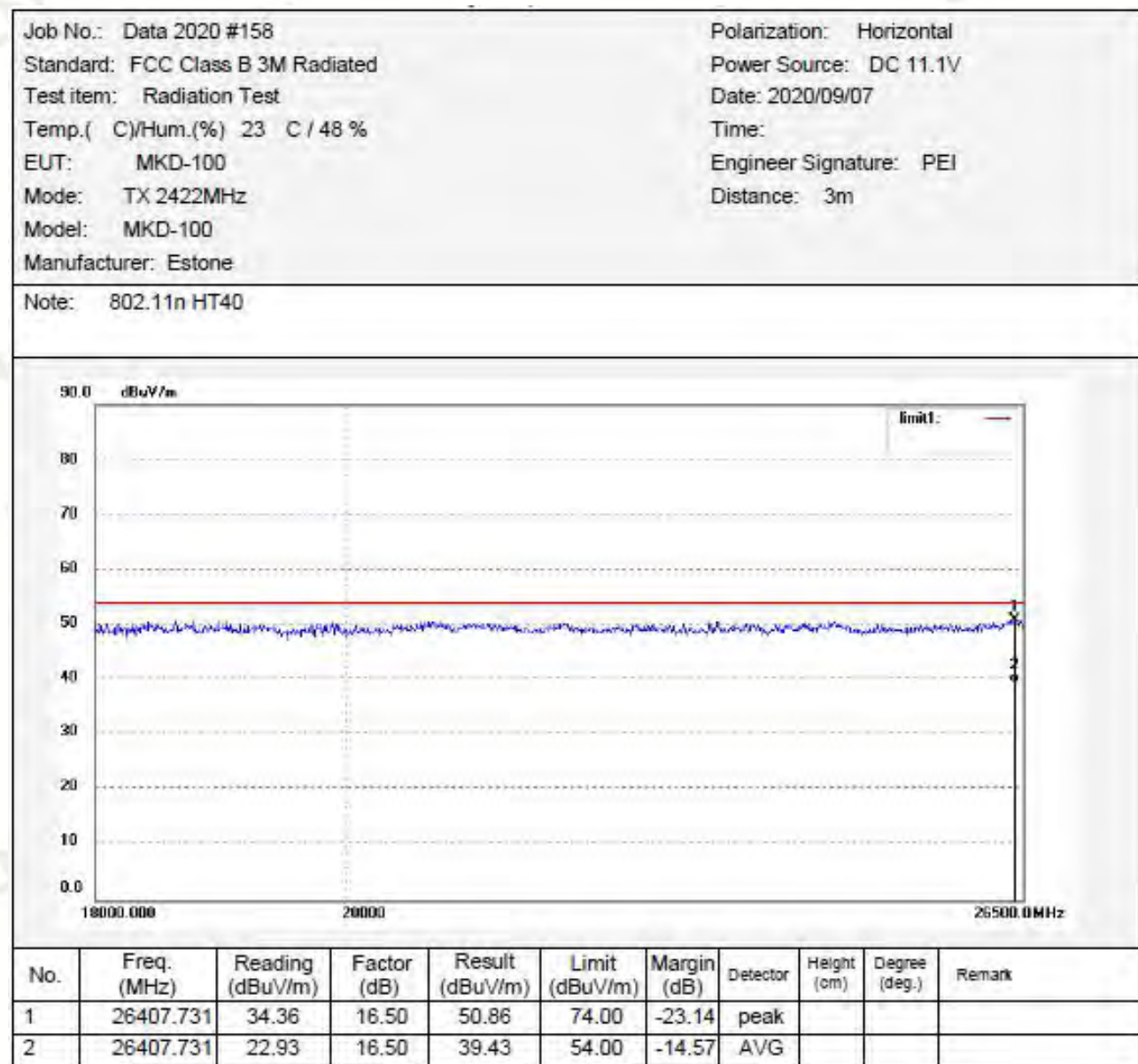
E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT20	Humidity:	48 %
Frequency Range:	18GHz-26.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2462MHz	Test Results:	PASS



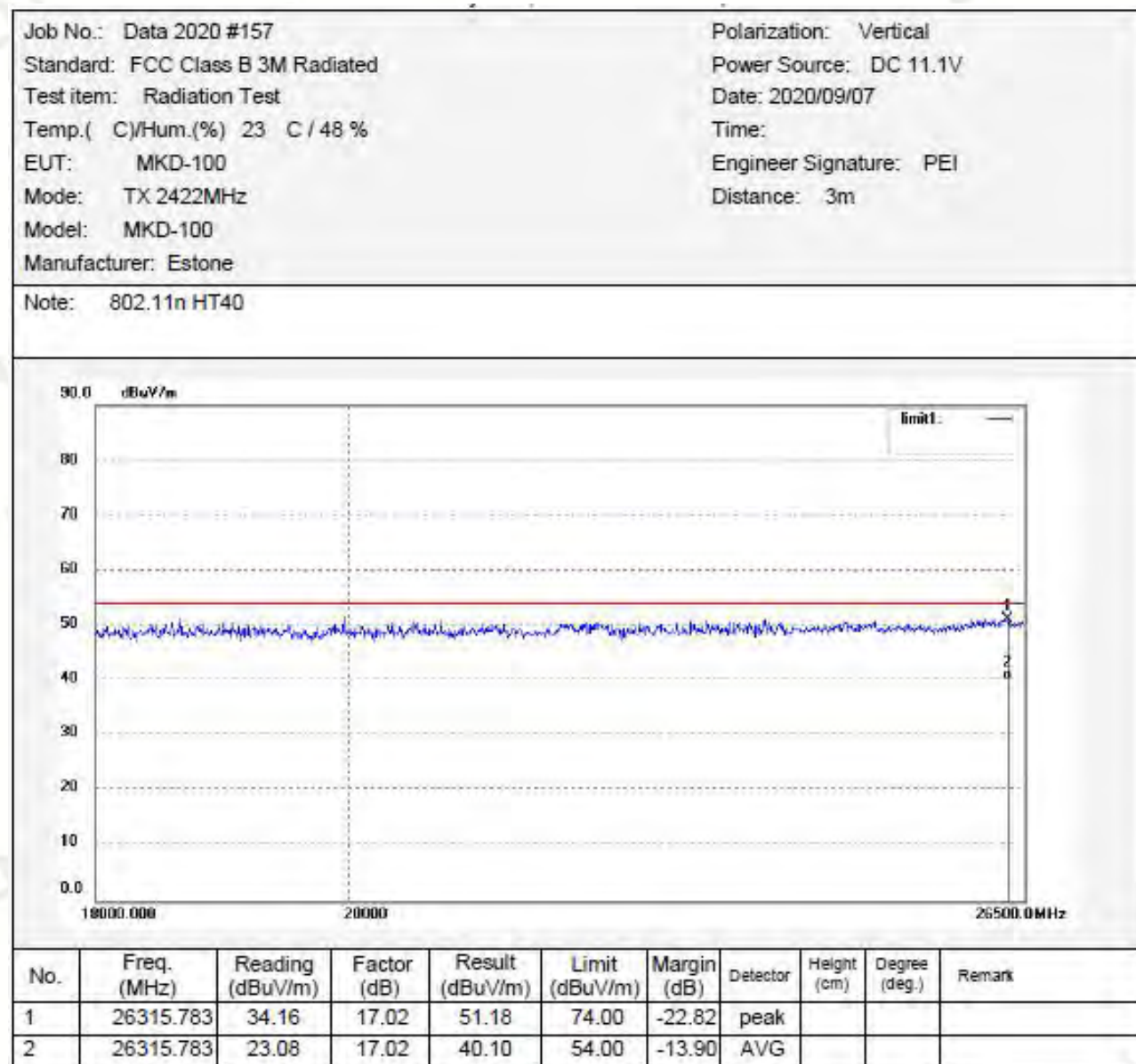
E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT20	Humidity:	48 %
Frequency Range:	18GHz-26.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2462MHz	Test Results:	PASS



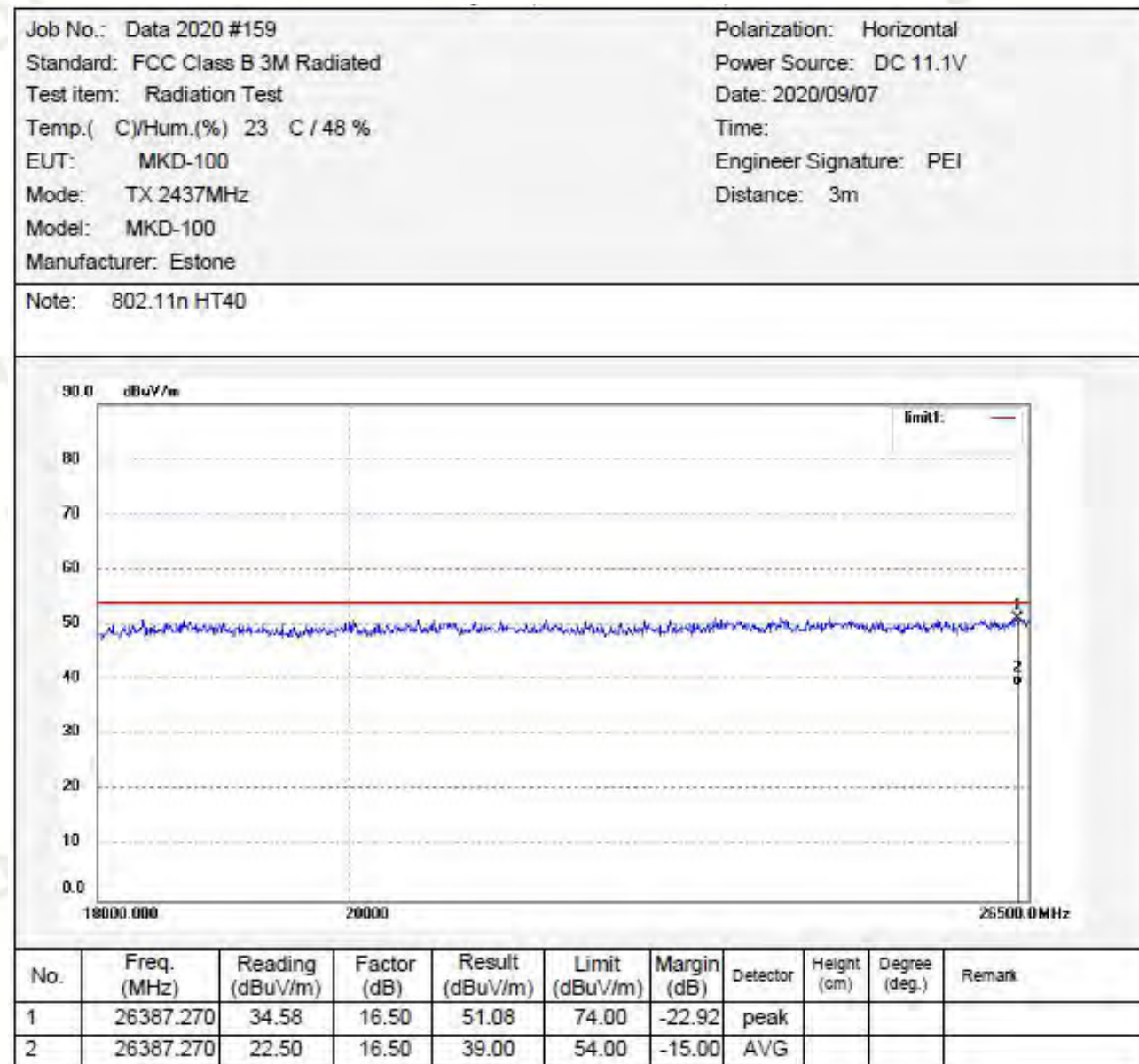
E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT40	Humidity:	48 %
Frequency Range:	18GHz-26.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2412MHz	Test Results:	PASS



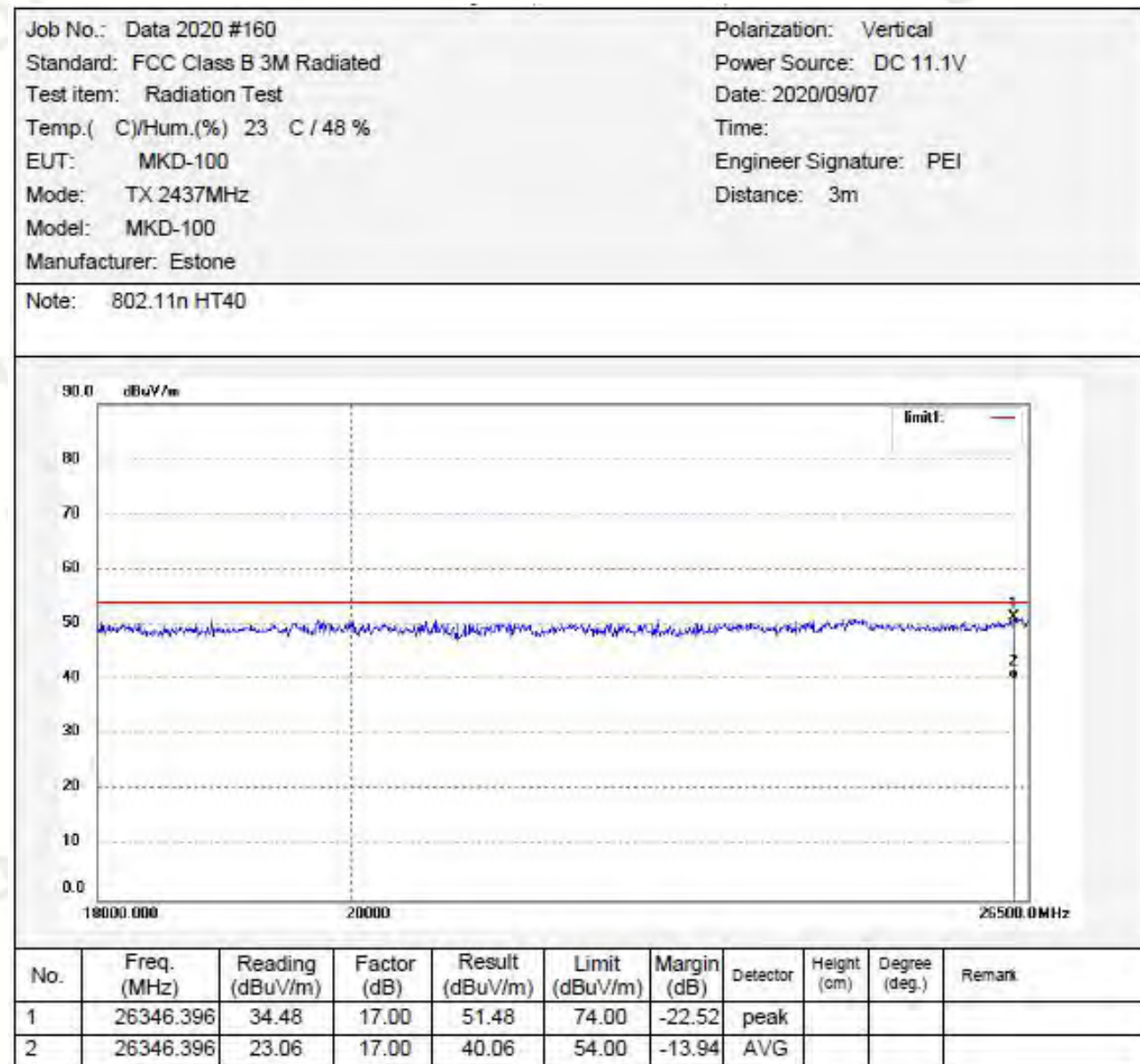
E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT40	Humidity:	48 %
Frequency Range:	18GHz-26.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2412MHz	Test Results:	PASS



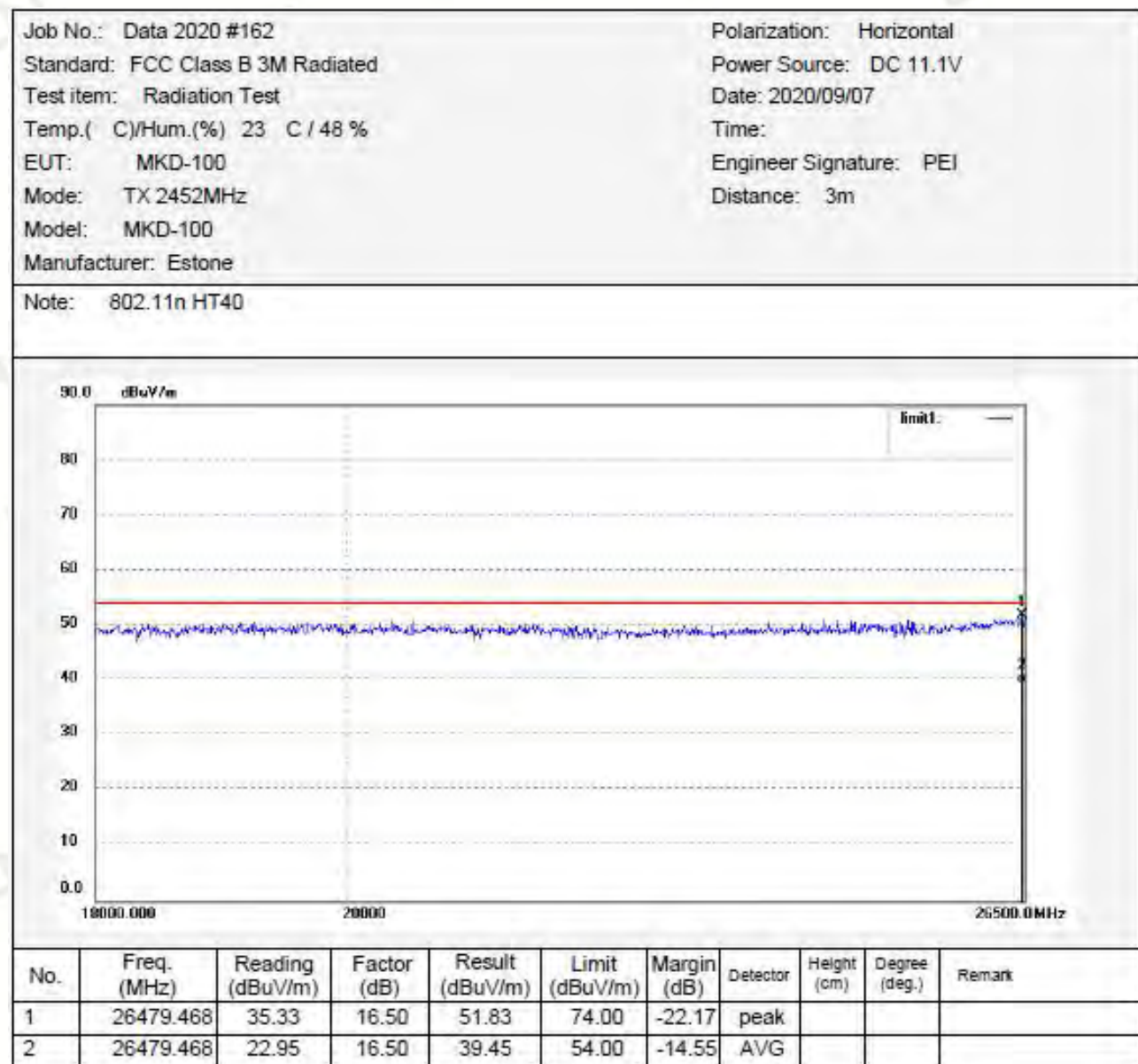
E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT40	Humidity:	48 %
Frequency Range:	18GHz-26.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2437MHz	Test Results:	PASS



E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT40	Humidity:	48 %
Frequency Range:	18GHz-26.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2437MHz	Test Results:	PASS



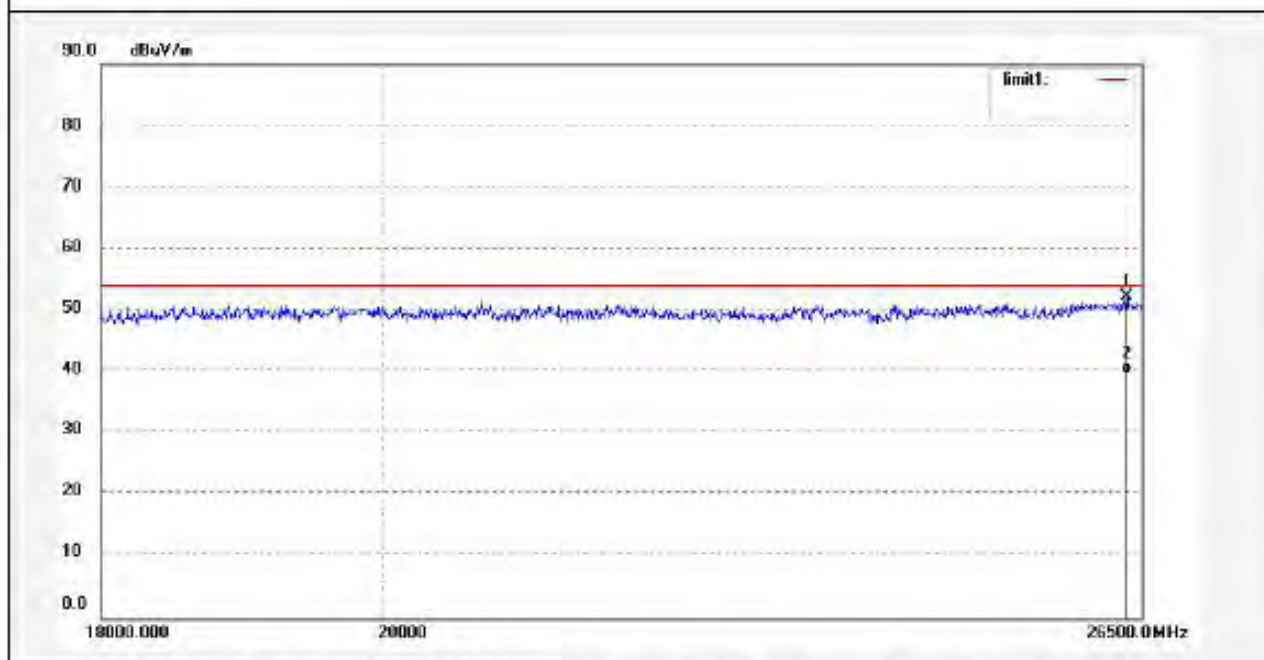
E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT40	Humidity:	48 %
Frequency Range:	18GHz-26.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2462MHz	Test Results:	PASS



E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT40	Humidity:	48 %
Frequency Range:	18GHz-26.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2462MHz	Test Results:	PASS

Job No.: Data 2020 #161	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 11.1V
Test item: Radiation Test	Date: 2020/09/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MKD-100	Engineer Signature: PEI
Mode: TX 2452MHz	Distance: 3m
Model: MKD-100	
Manufacturer: Estone	

Note: 802.11n HT40



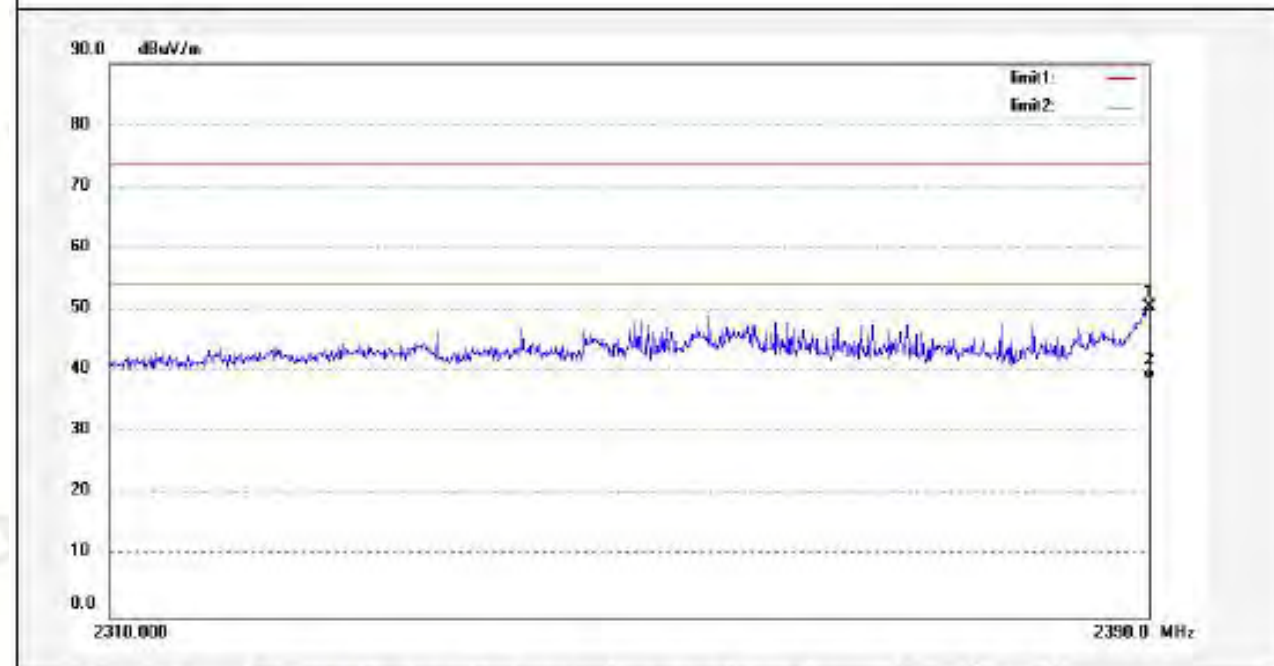
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26356.609	35.27	16.99	52.26	74.00	-21.74	peak			
2	26356.609	22.77	16.99	39.76	54.00	-14.24	AVG			

- Note:**
- (1) All Readings are Peak Value and AV.
 - (2) Emission Level= Reading Level + Factor
 - (3) Factor= Antenna Gain + Cable Loss – Amplifier Gain

Spurious Emission in restricted band:

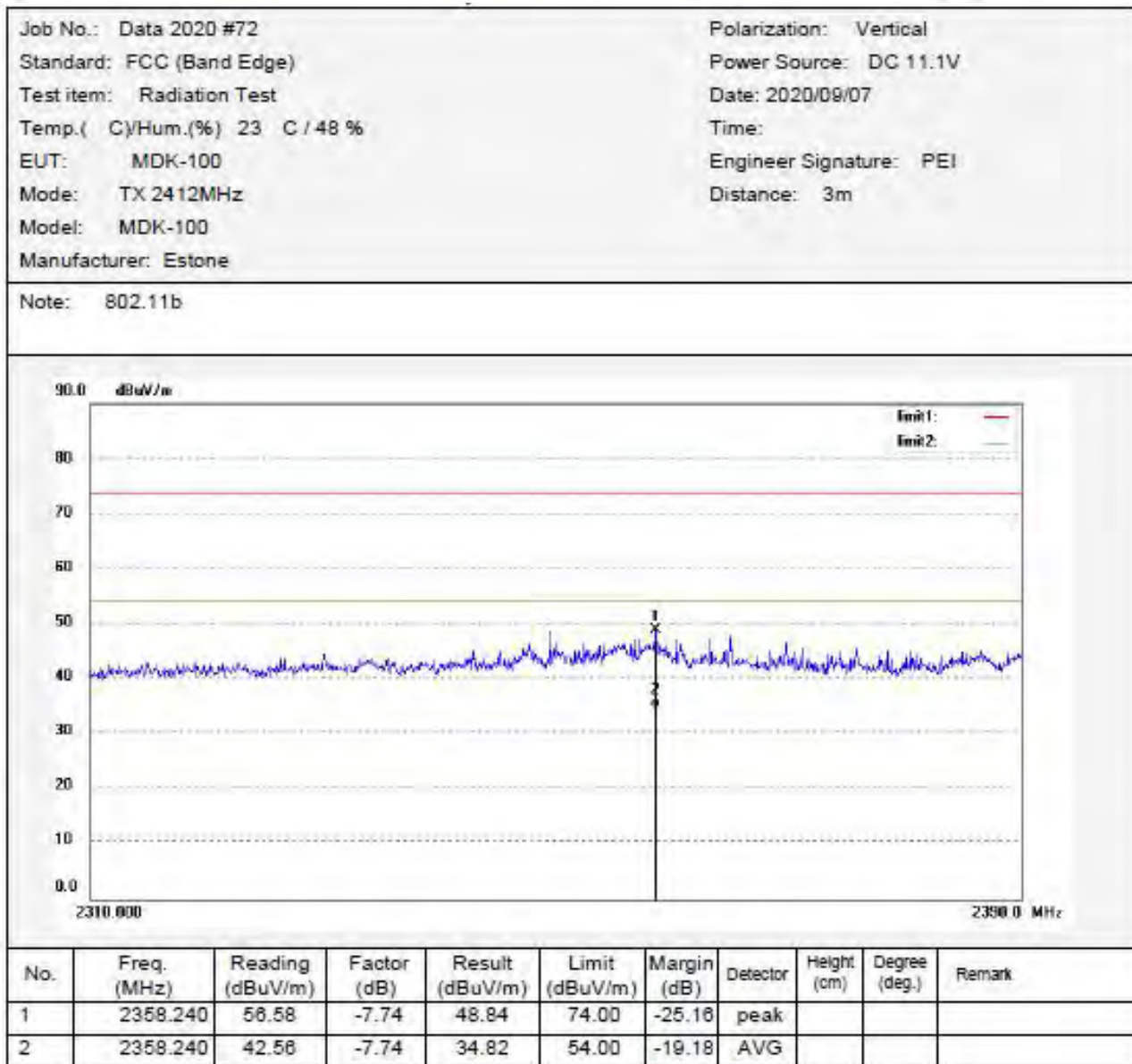
E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11b	Humidity:	48 %
Frequency Range:	2.31GHz-2.39GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2412MHz	Test Results:	PASS

Job No.: Data 2020 #71	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: DC 11.1V
Test item: Radiation Test	Date: 2020/09/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MDK-100	Engineer Signature: PEI
Mode: TX 2412MHz	Distance: 3m
Model: MDK-100	
Manufacturer: Estone	
Note: 802.11b	

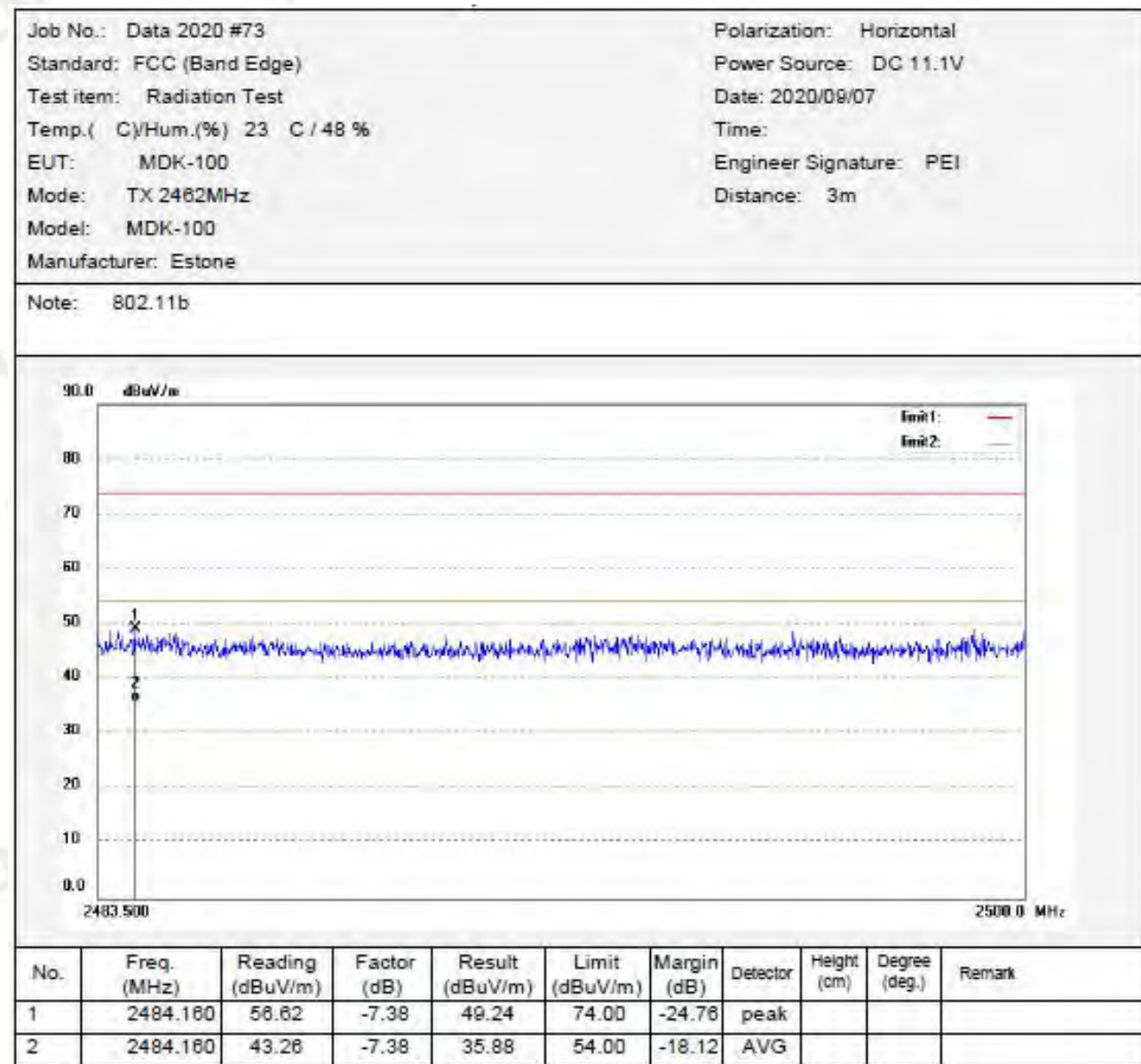


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	58.08	-7.53	50.55	74.00	-23.45	peak			
2	2390.000	46.15	-7.53	38.62	54.00	-15.38	AVG			

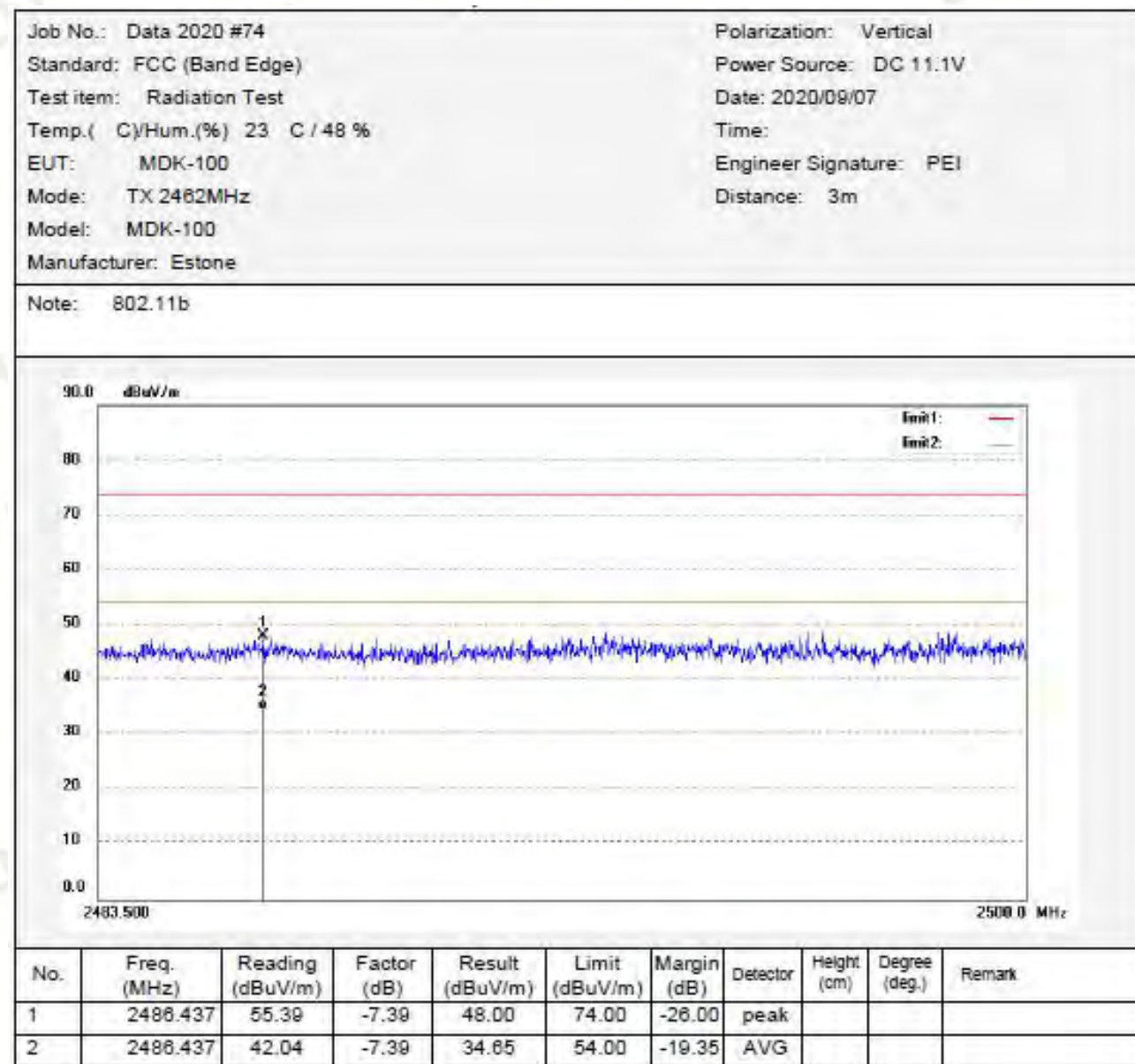
E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11b	Humidity:	48 %
Frequency Range:	2.31GHz-2.39GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2412MHz	Test Results:	PASS



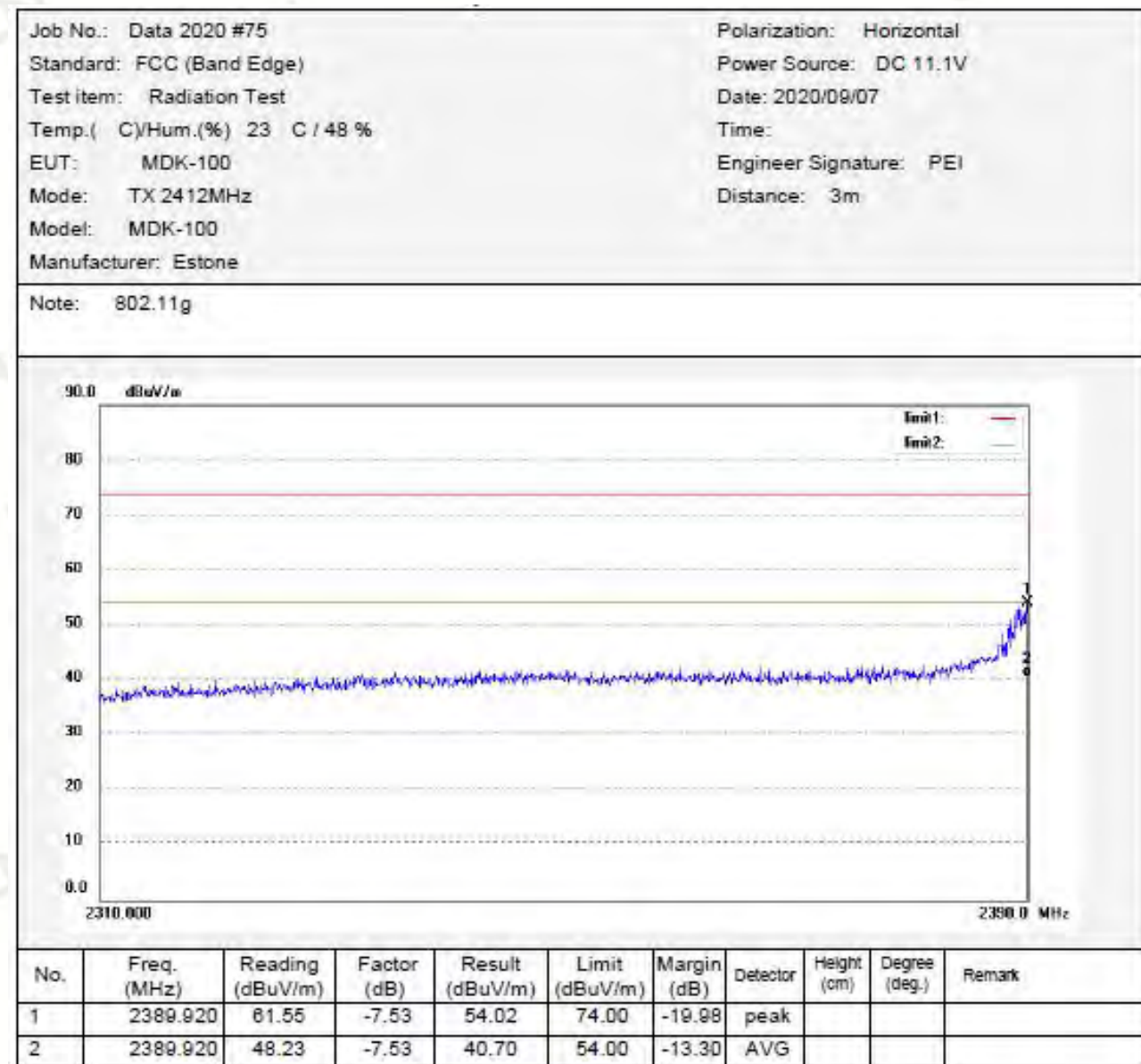
E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11b	Humidity:	48 %
Frequency Range:	2.4835GHz-2.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2462MHz	Test Results:	PASS



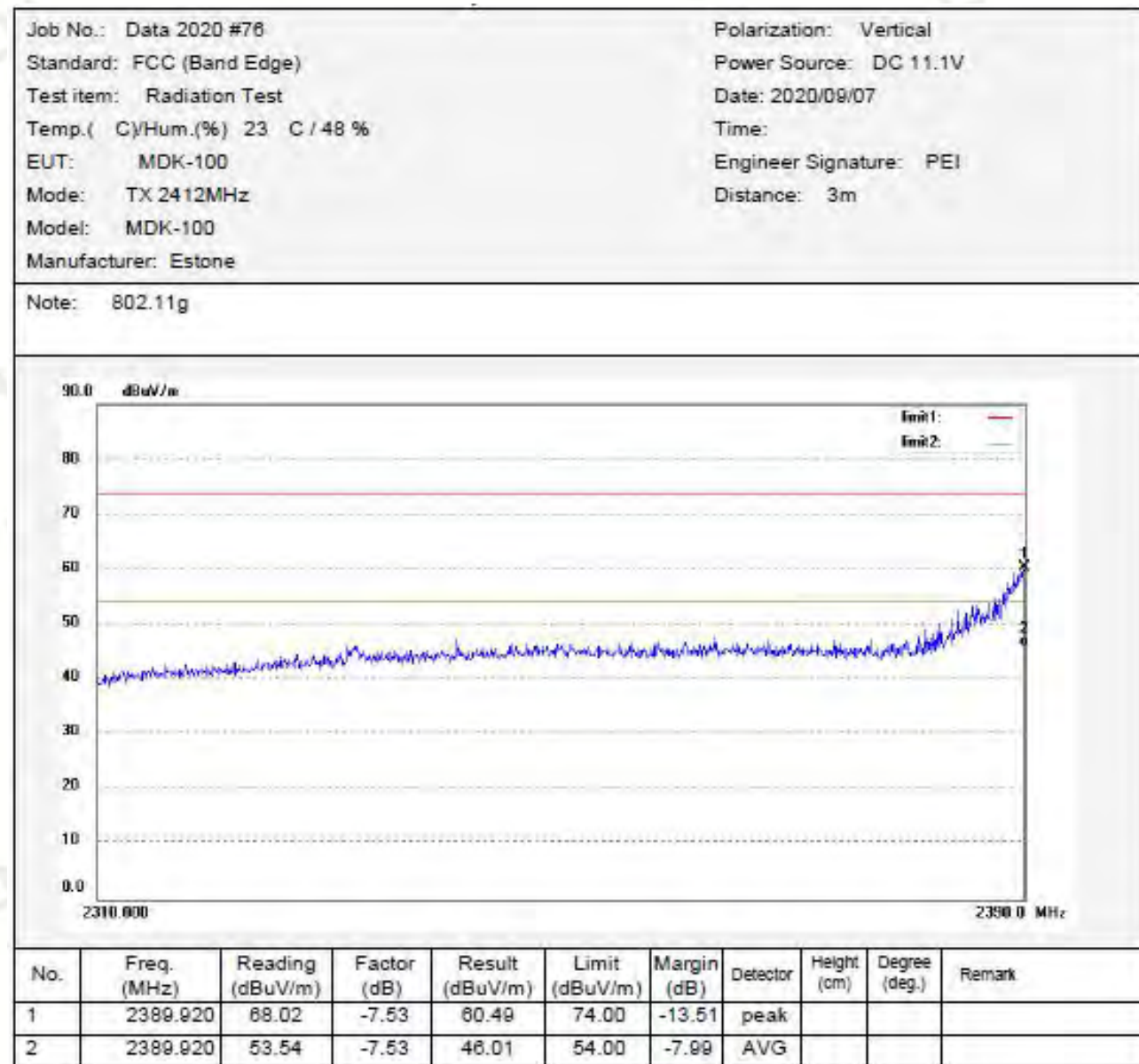
E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11b	Humidity:	48 %
Frequency Range:	2.4835GHz-2.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2462MHz	Test Results:	PASS



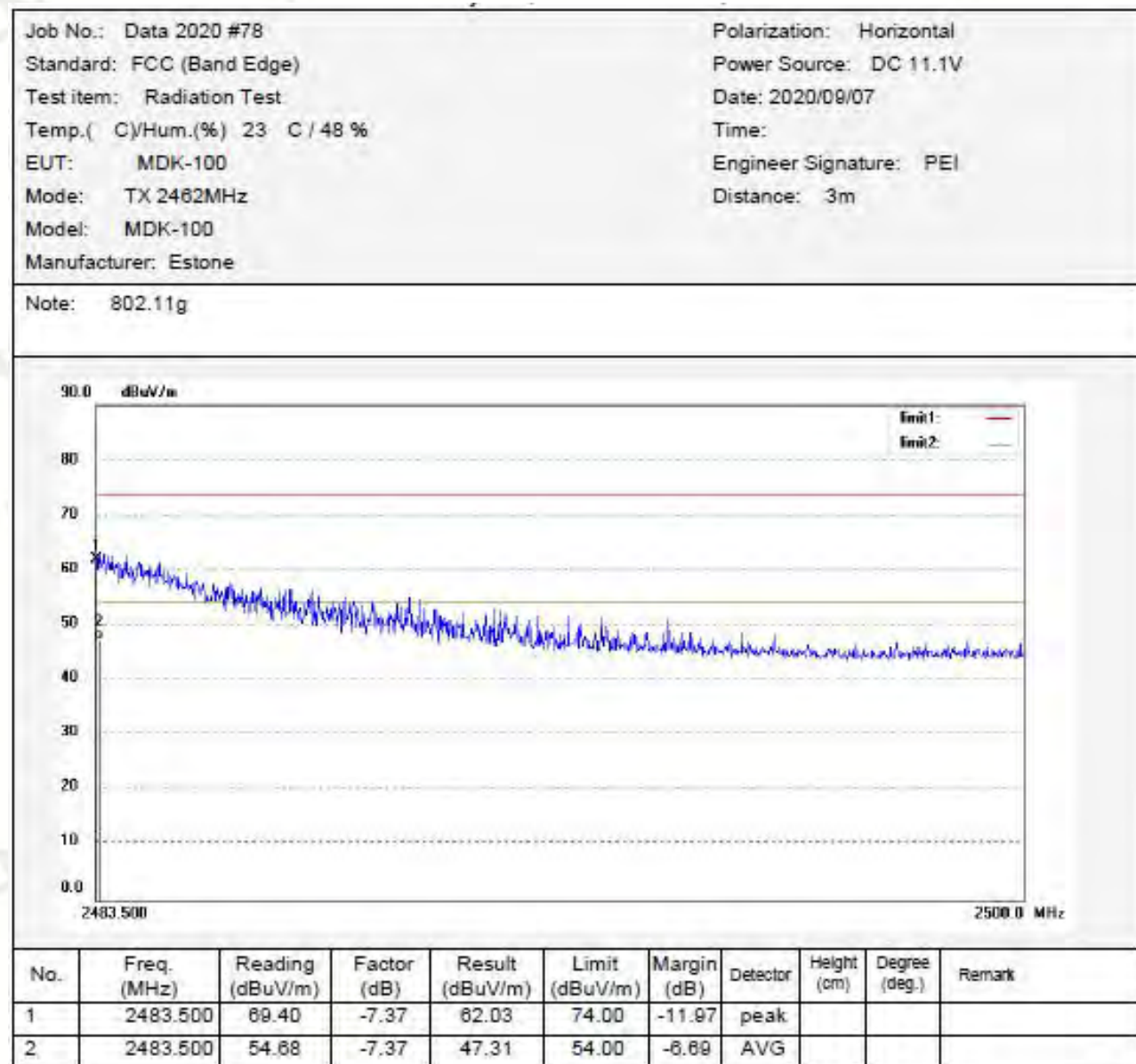
E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11g	Humidity:	48 %
Frequency Range:	2.31GHz-2.39GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2412MHz	Test Results:	PASS



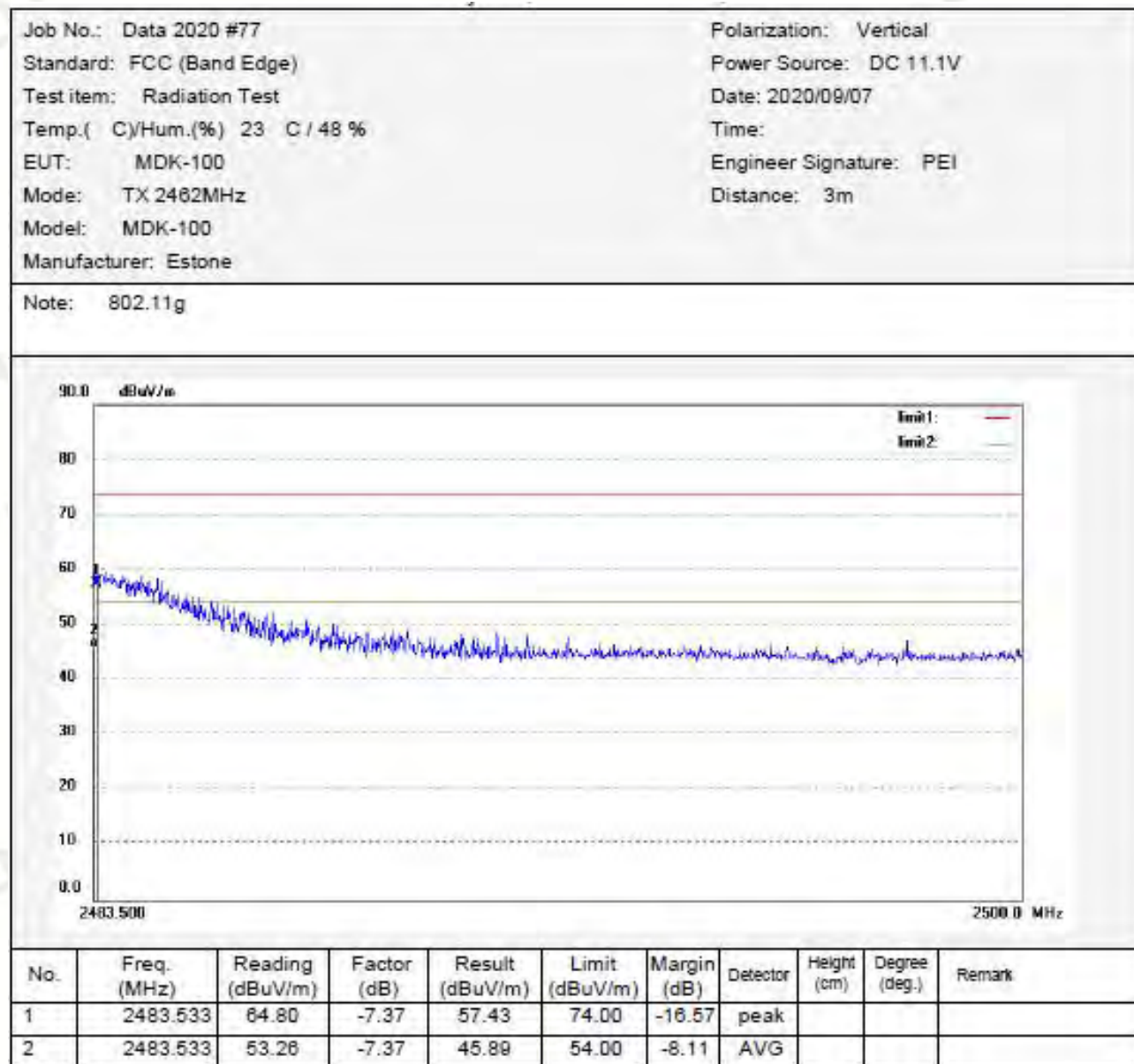
E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11g	Humidity:	48 %
Frequency Range:	2.31GHz-2.39GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2412MHz	Test Results:	PASS



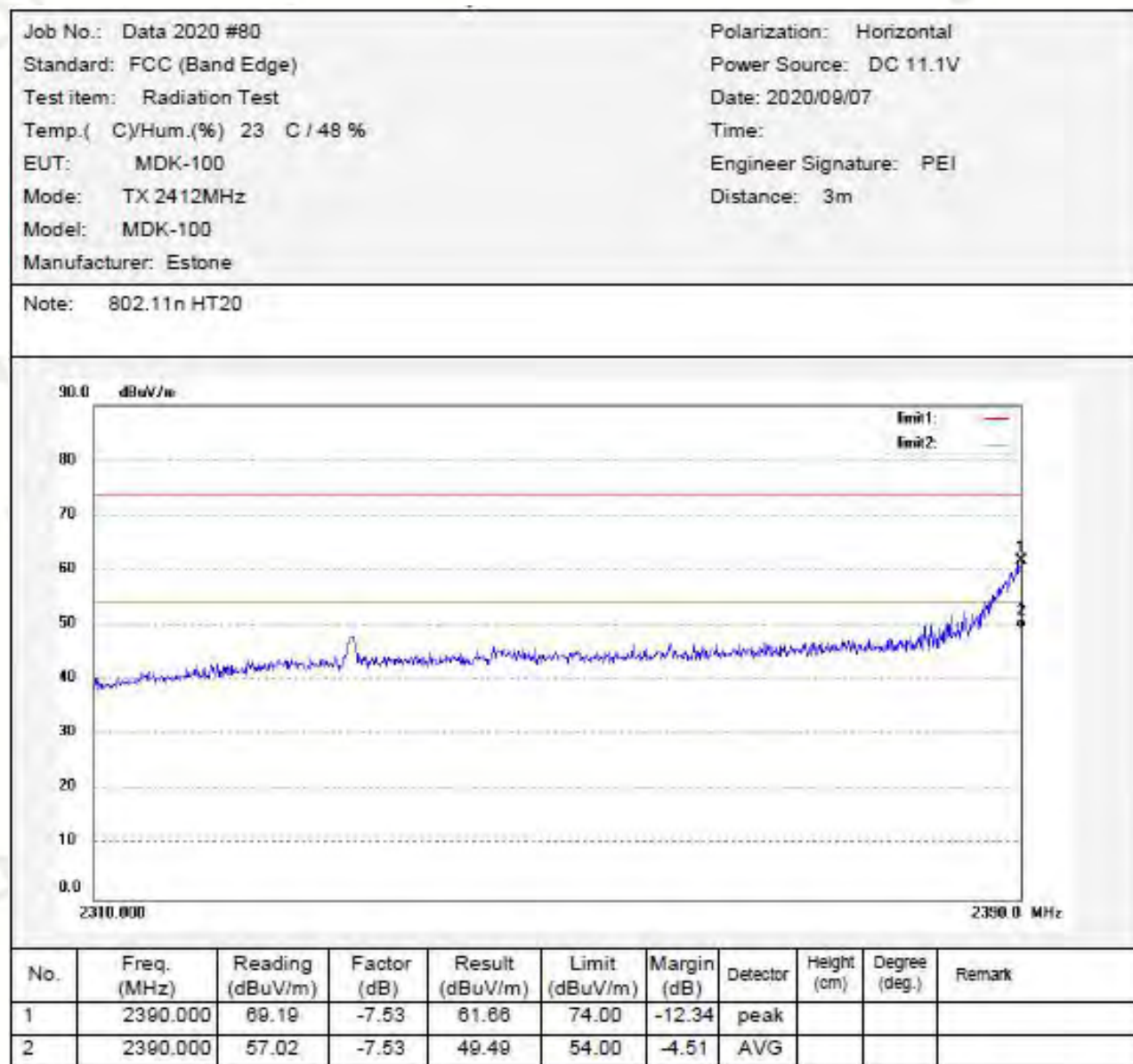
E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11g	Humidity:	48 %
Frequency Range:	2.4835GHz-2.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2462MHz	Test Results:	PASS



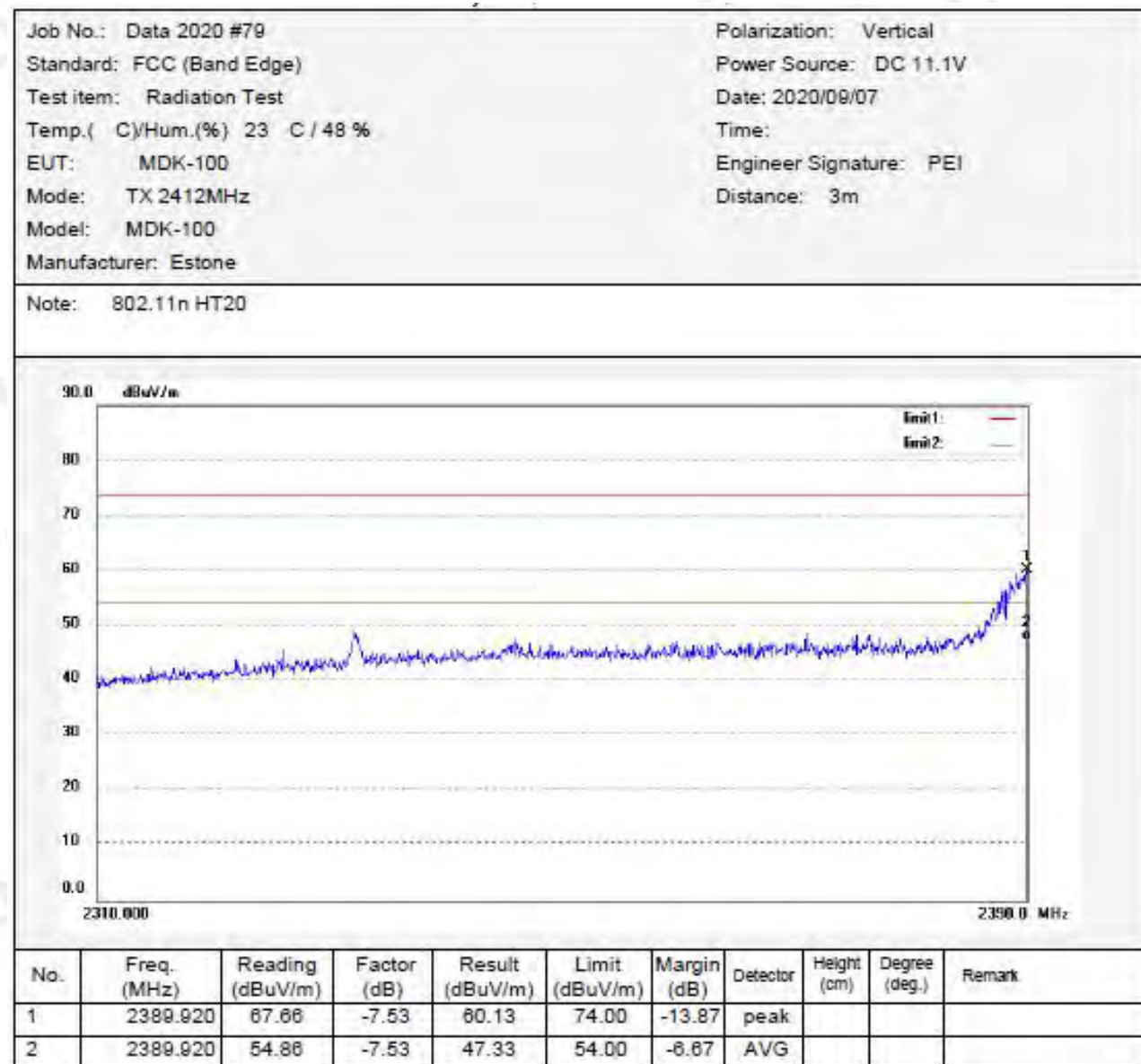
E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11g	Humidity:	48 %
Frequency Range:	2.4835GHz-2.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2462MHz	Test Results:	PASS



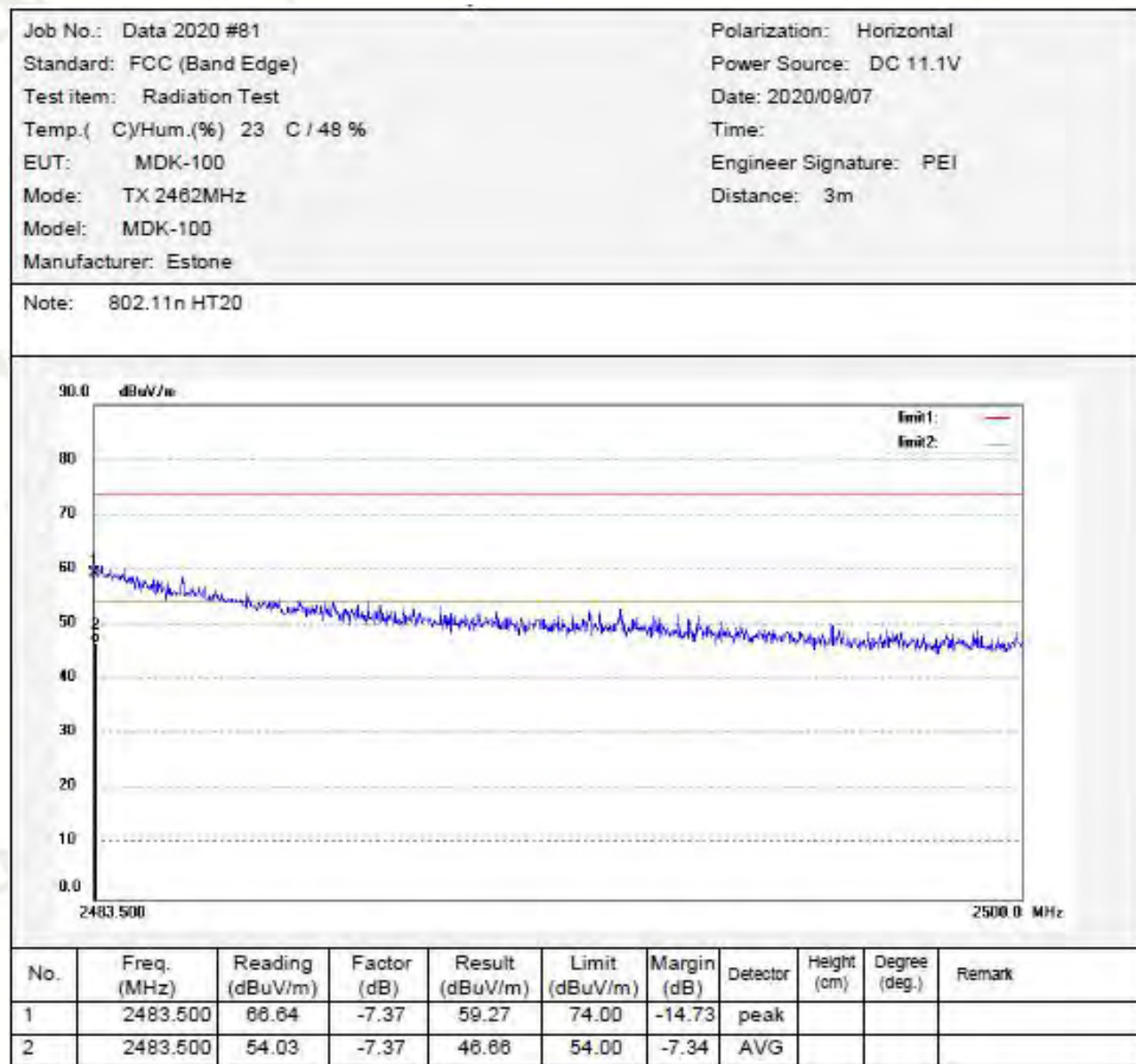
E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT20	Humidity:	48 %
Frequency Range:	2.31GHz-2.39GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2412MHz	Test Results:	PASS



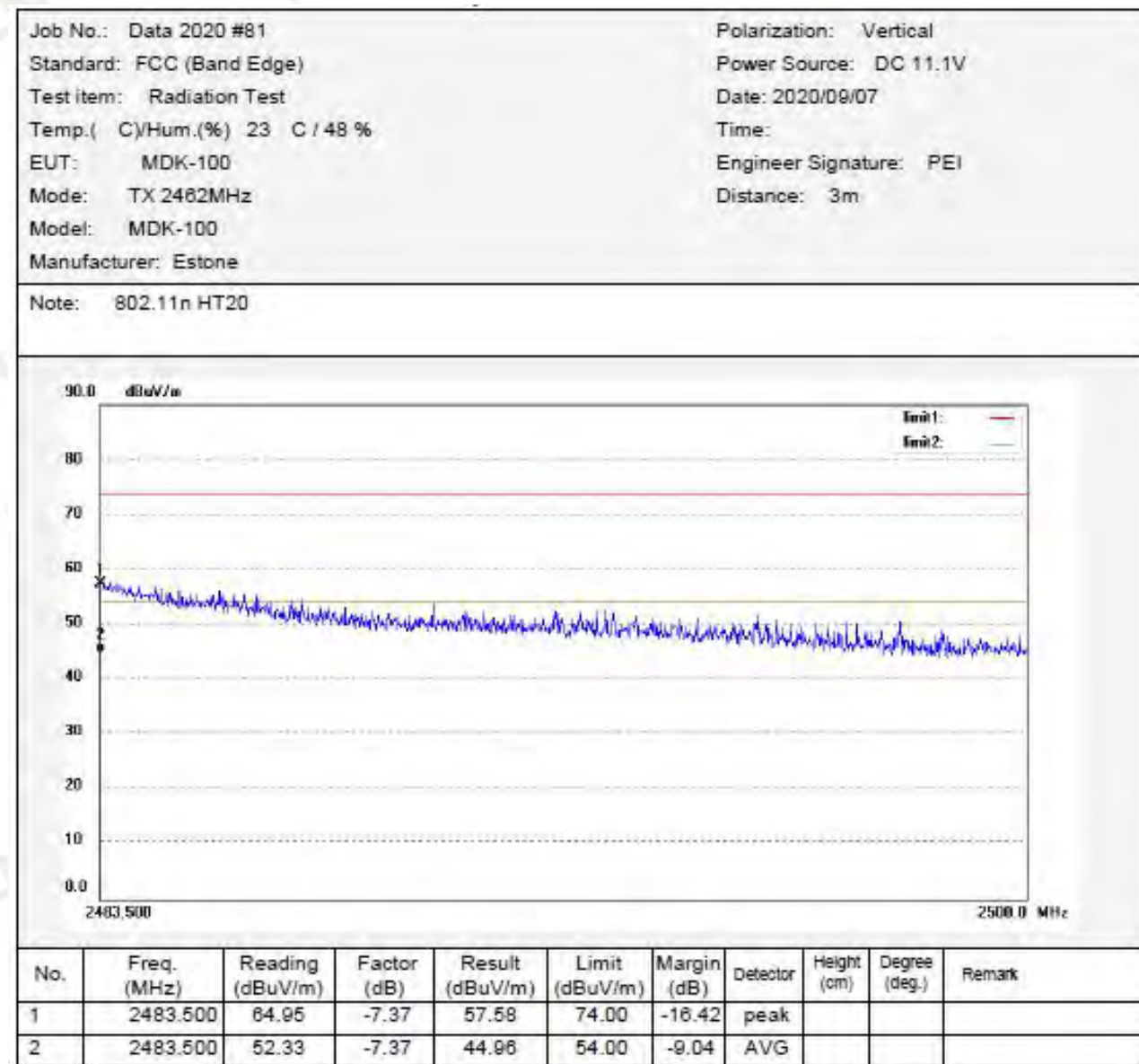
E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT20	Humidity:	48 %
Frequency Range:	2.31GHz-2.39GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2412MHz	Test Results:	PASS



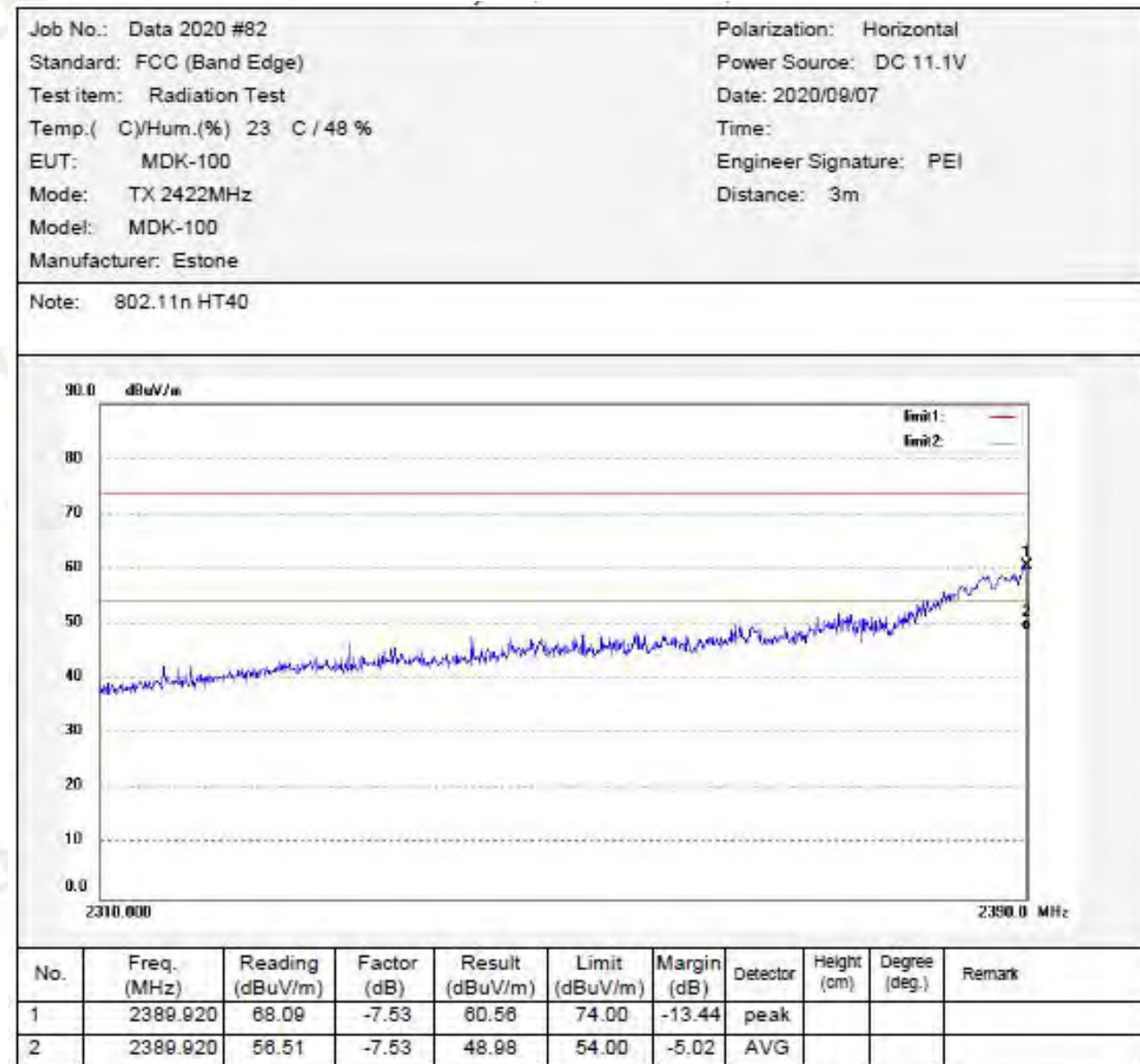
E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT20	Humidity:	48 %
Frequency Range:	2.4835GHz-2.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2462MHz	Test Results:	PASS



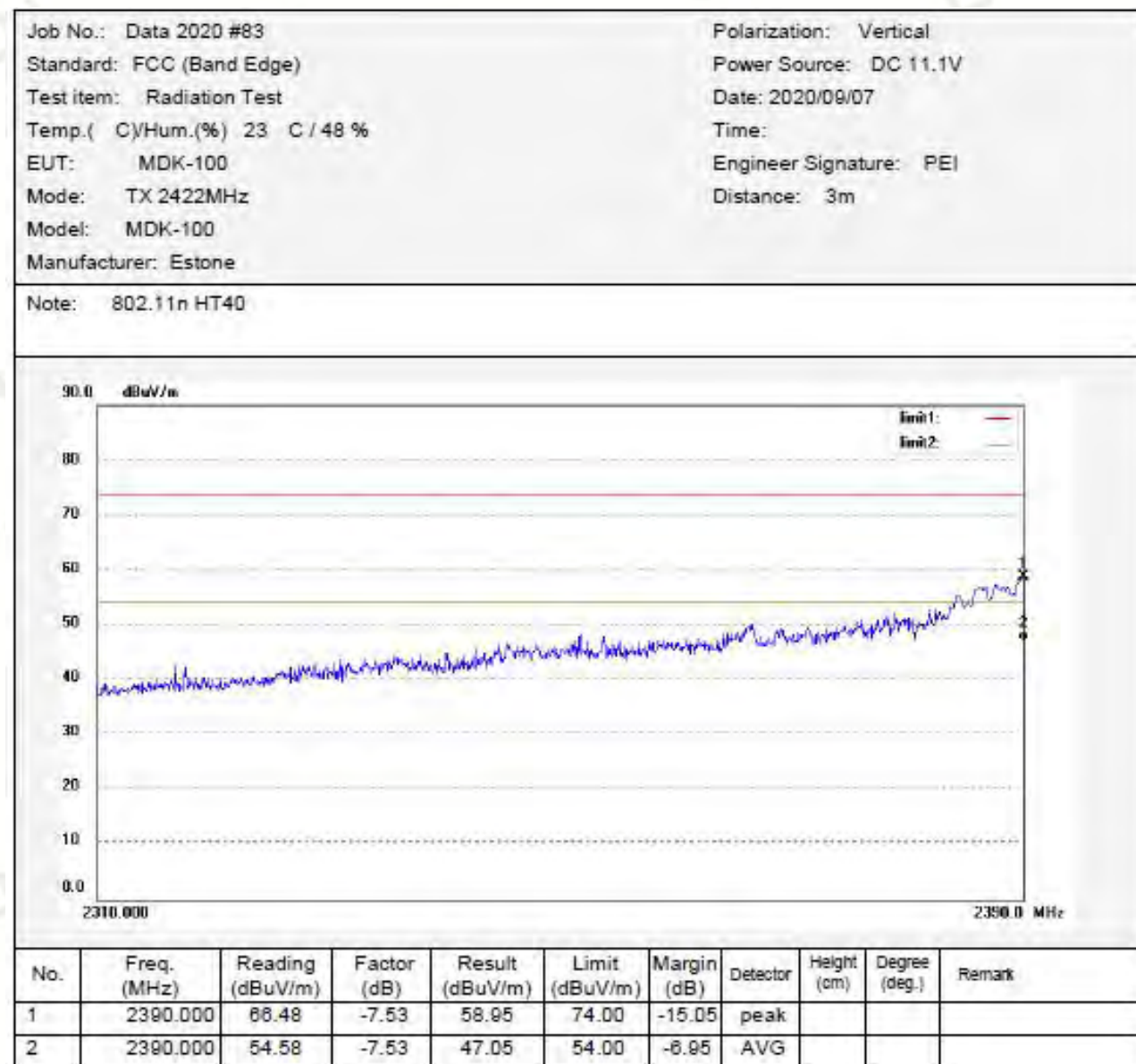
E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT20	Humidity:	48 %
Frequency Range:	2.4835GHz-2.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2462MHz	Test Results:	PASS



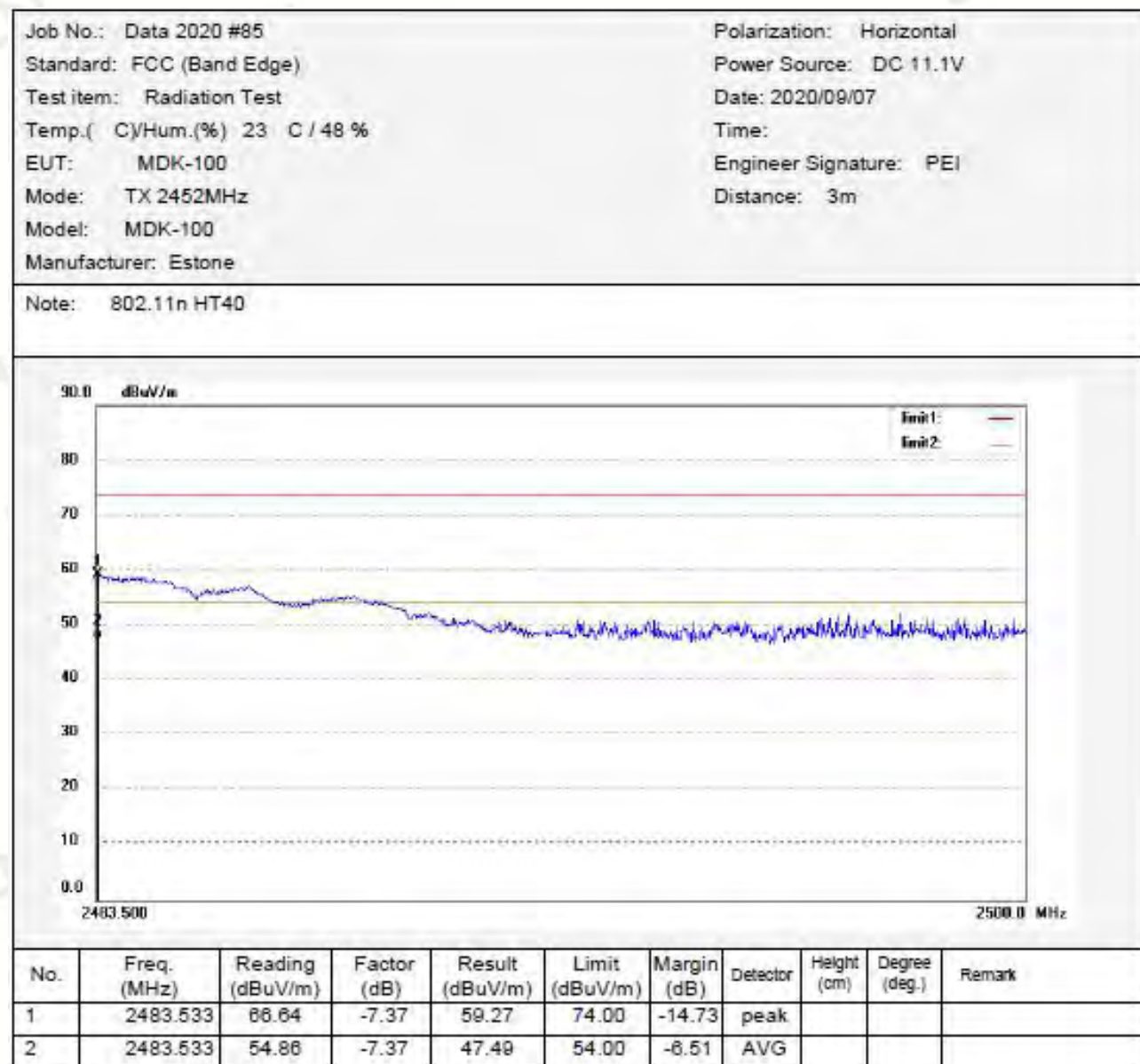
E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT40	Humidity:	48 %
Frequency Range:	2.31GHz-2.39GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2422MHz	Test Results:	PASS



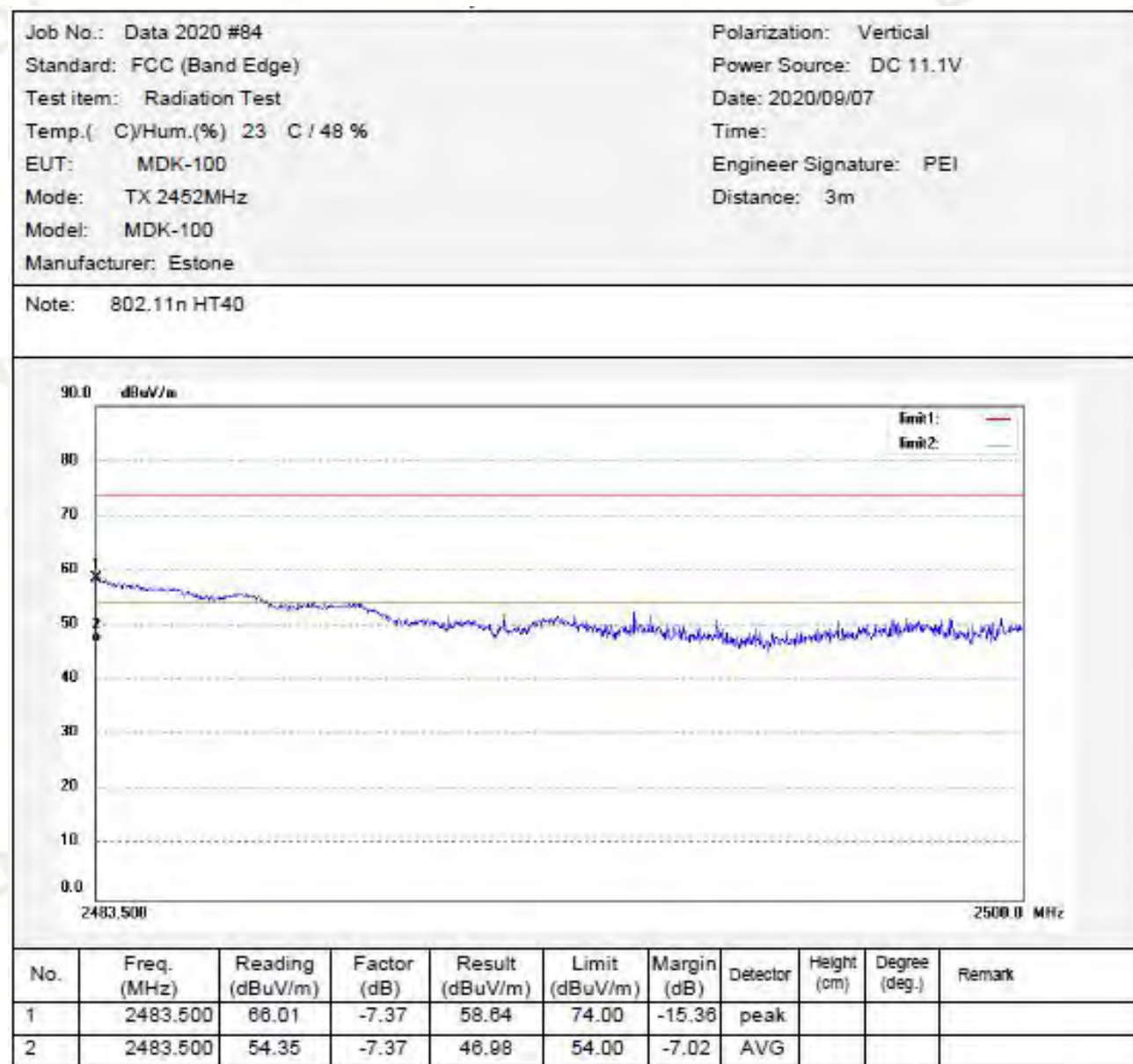
E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT40	Humidity:	48 %
Frequency Range:	2.31GHz-2.39GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2422MHz	Test Results:	PASS



E.U.T:	MDK-100	Polarization:	Horizontal
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT40	Humidity:	48 %
Frequency Range:	2.4835GHz-2.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2452MHz	Test Results:	PASS



E.U.T:	MDK-100	Polarization:	Vertical
Model No.:	MDK-100	Temperature:	23 °C
Modulation Type:	802.11n HT40	Humidity:	48 %
Frequency Range:	2.4835GHz-2.5GHz	Test By:	PEI
Test Distance:	3m	Test Voltage	DC 11.1V
Test Mode:	TX 2452MHz	Test Results:	PASS



Note:

- (1) All Readings are Peak Value and AV.
- (2) Emission Level= Reading Level + Factor
- (3) Factor= Antenna Gain + Cable Loss – Amplifier Gain

11. Antenna Application

11.1 Antenna requirement

According to of FCC part 15C section 15.203 and 15.240:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Systems operating in the 2400-2483.5MHz band that are used exclusively for fixed, point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum peak output power of the intentional radiator is reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

11.2 Measurement Results

The EUT antenna is PIFA Antenna. It comply with the standard requirement.

12. Test Equipment List

Item	Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
1	Conducted Emission Test Software	EZ-EMC	Ver.CCS-3A1-CE	N/A	N/A
2	AMN	Schwarzbeck	NNLK8121	8121370	2021.10.15
3	AMN	ETS	3810/2	00020199	2021.10.15
4	AAN	TESEQ	T8-Cat6	38888	2021.10.15
5	Pulse Limiter	CYBRTEK	EM5010	E115010056	2021.05.25
6	EMI Test Receiver	Rohde&Schwarz	ESCI	101210	2020.10.15
1	Radiated Emission Test Software	EZ-EMC	Ver.CCS-03A1	N/A	N/A
2	Horn Antenna	Sunol	DRH-118	A101415	2021.10.08
3	Broadband Hybrid Antenna	Sunol	JB1	A090215	2022.03.01
4	PREAMP	HP	8449B	3008A00160	2020.10.21
5	PREAMP	HP	8447D	2944A07999	2021.05.25
6	EMI TEST RECEIVER	Rohde&Schwarz	ESR3	101891	2021.10.15
7	VECTOR Signal Generator	Rohde&Schwarz	SMU200A	101521	2021.10.15
8	Signal Generator	Agilent	E4421B	MY4335105	2021.10.15
9	MXA Signal Analyzer	Agilent	N9020A	MY50510140	2021.10.15
10	MXA Signal Analyzer	Keysight	N9020A	MY51110104	2021.10.15
11	RF Power sensor	DARE	RPR3006W	15I00041SNO88	2021.05.25
12	RF Power sensor	DARE	RPR3006W	15I00041SNO89	2021.05.25
13	RF power divider	Anritsu	K241B	992289	2020.10.28
14	Wideband radio communication tester	Rohde&Schwarz	CMW500	154987	2020.11.19
15	Active Loop Antenna	Com-Power	AL-130R	10160009	2021.05.25
16	Broadband Hybrid Antennas	Schwarzbeck	VULB9163	VULB9163#958	2021.05.25
17	Horn Antenna	Schwarzbeck	BBHA9120D	9120D-1680	2021.05.25
18	Horn Antenna	A-INFOMW	LB-180400-KF	J211060660	2020.10.23
19	Microwave Broadband Preamplifier	Schwarzbeck	BBV 9721	100472	2021.05.25
20	Signal Generator	Agilent	N5183A	MY47420153	2021.05.25
21	Spectrum Analyzer	Rohde&Schwarz	FSP 40	100501	2021.05.25
22	Power Meter	KEYSIGHT	N1911A	MY50520168	2021.05.25
23	Frequency Meter	VICTOR	VC2000	997406086	2021.05.25
24	DC Power Source	HYELEC	HY5020E	055161818	2021.05.25

APPENDIX-PHOTOS OF TEST SETUP

Note: See test photos in setup photo document for the actual connections between Product and support equipment.

---END---