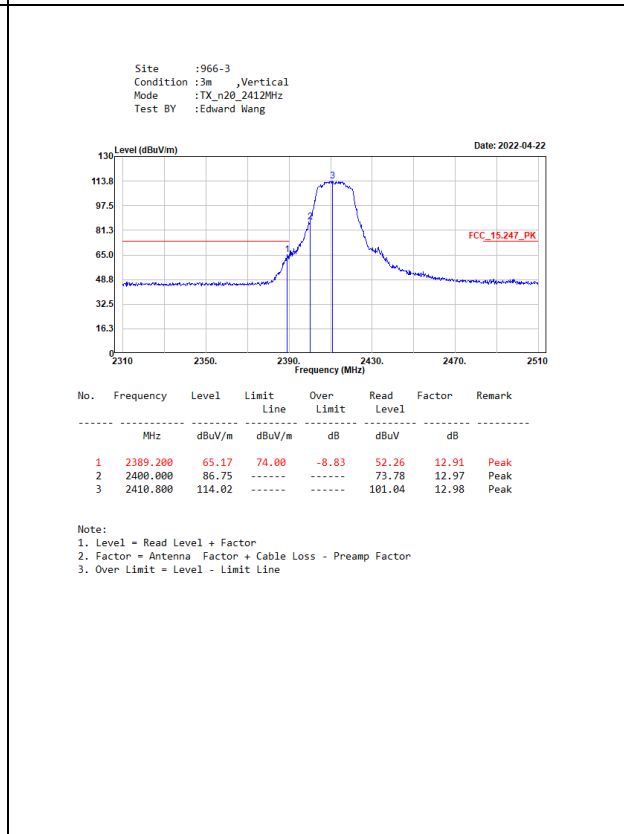
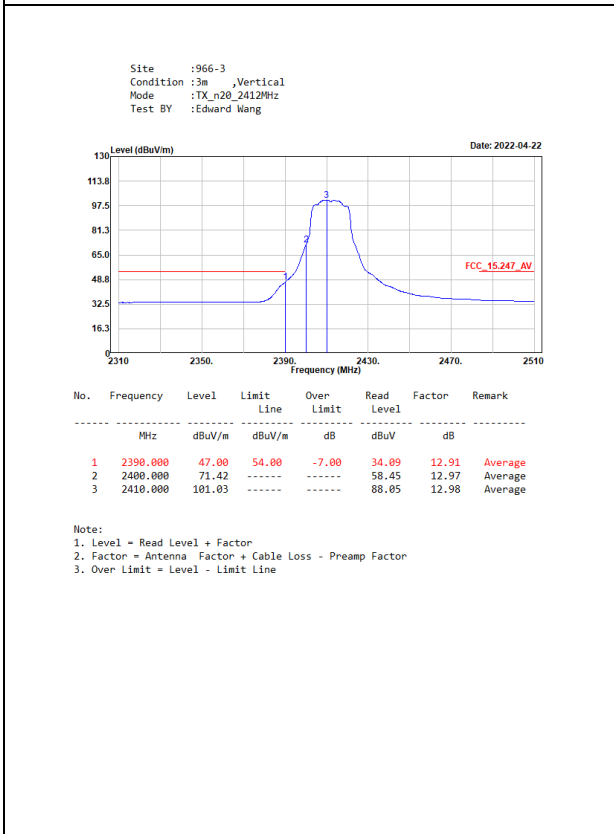
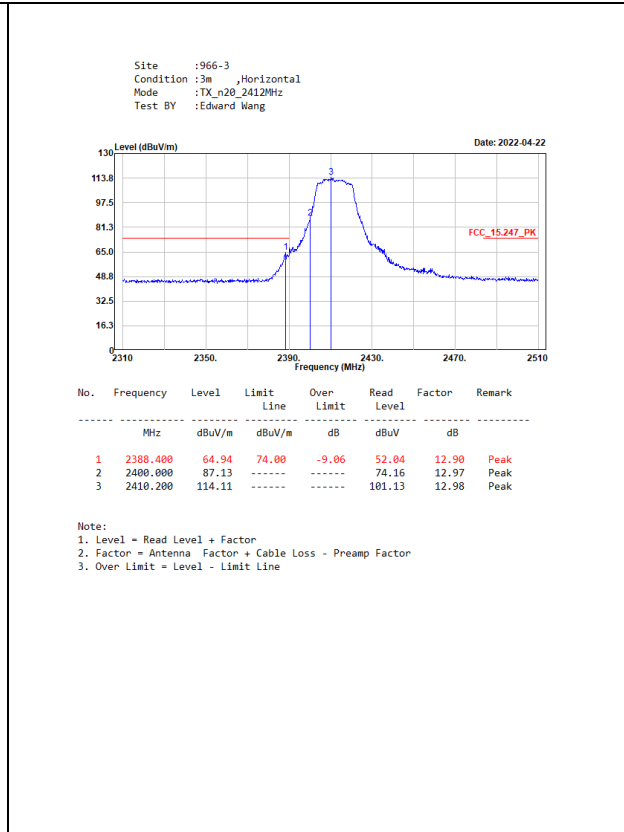
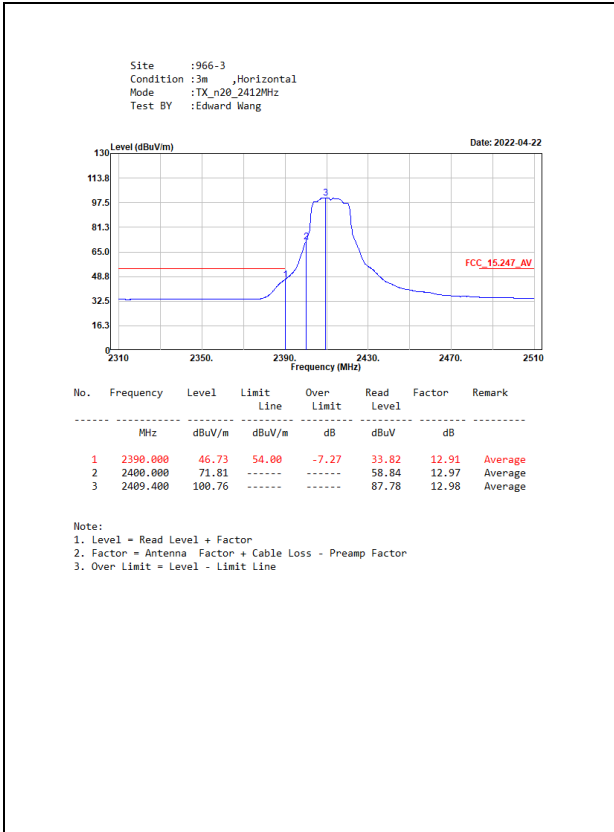
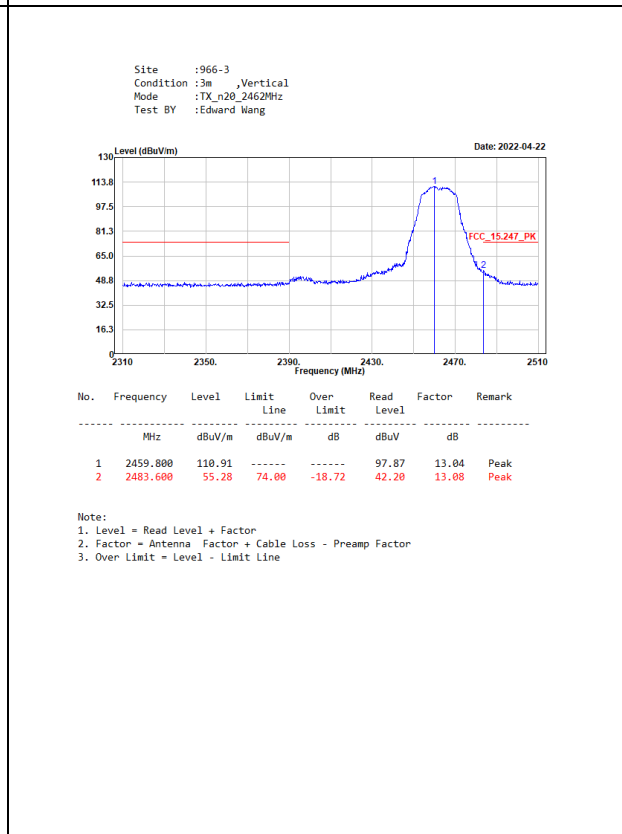
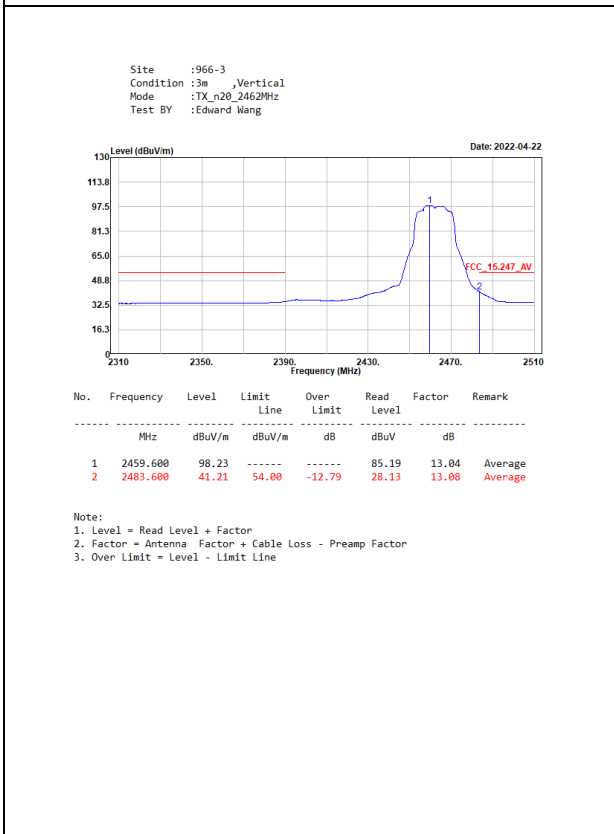
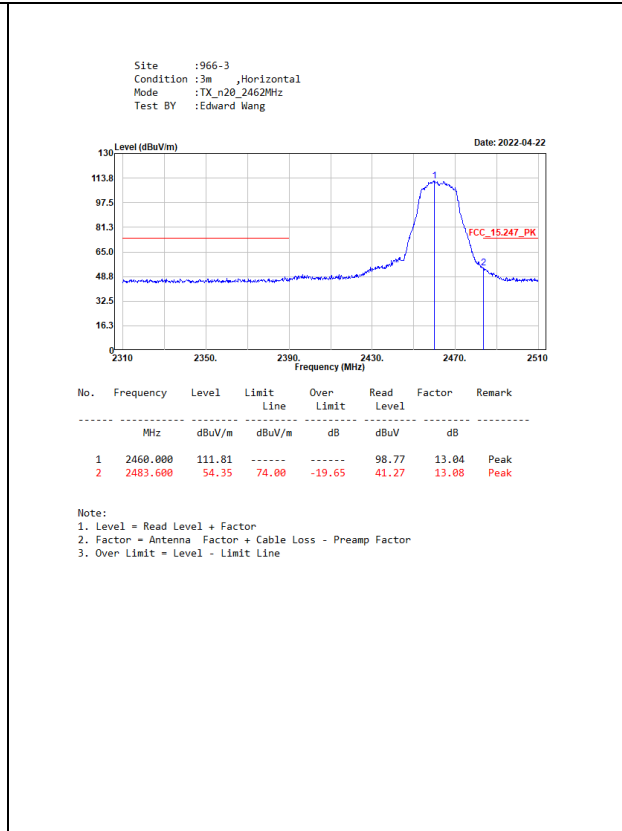
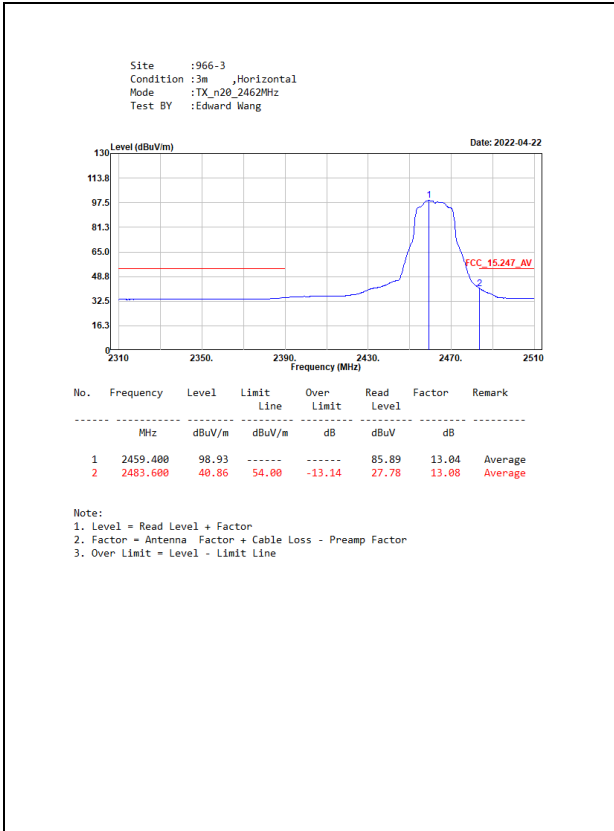
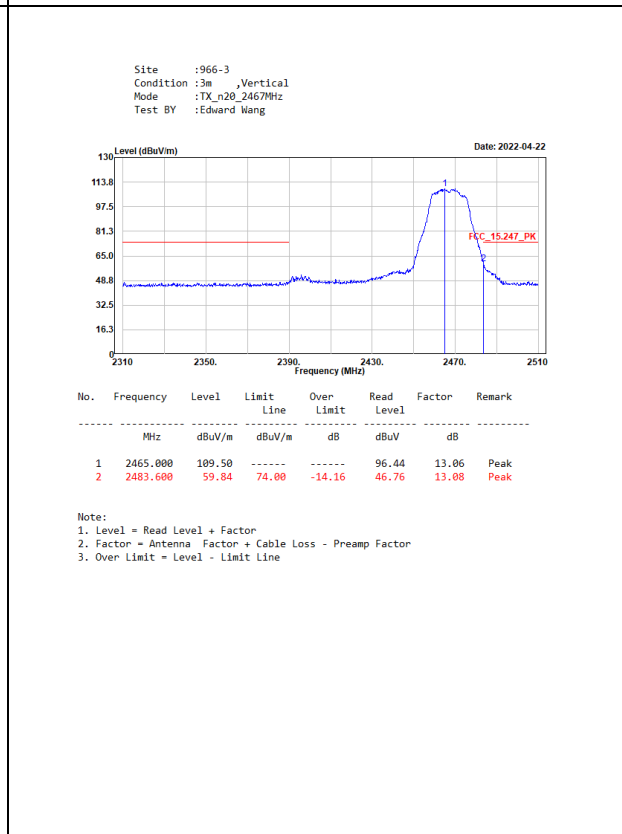
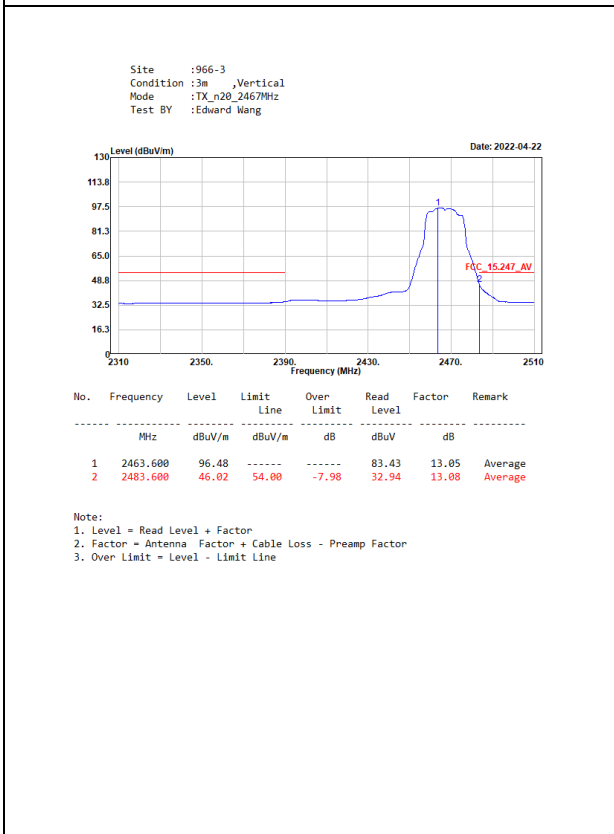
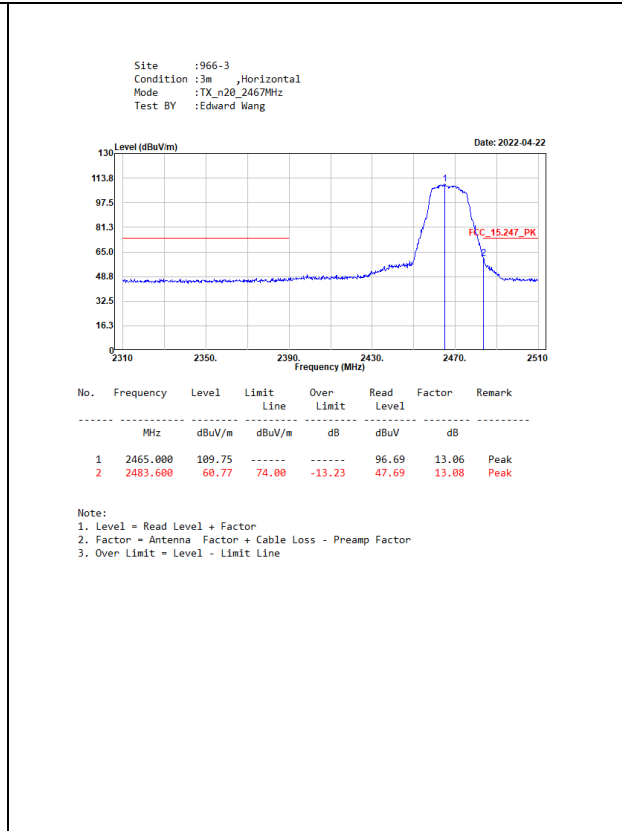
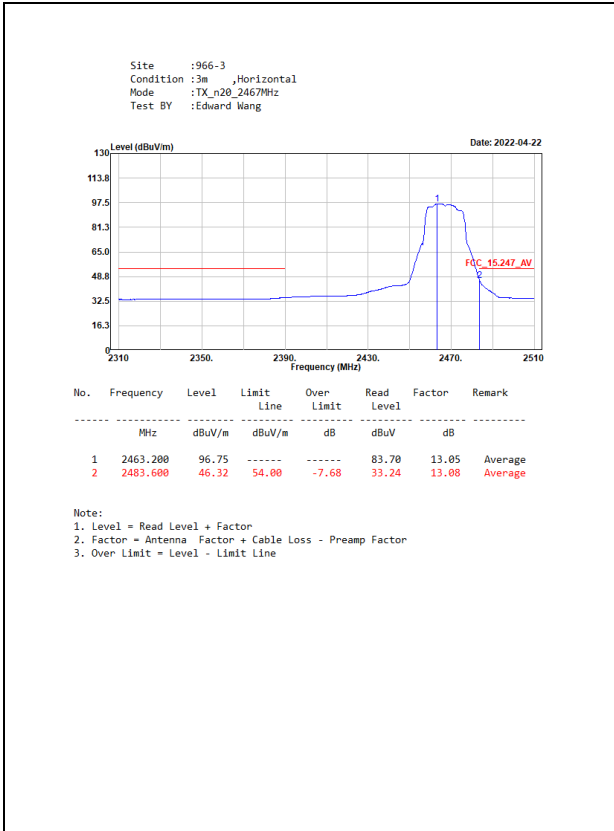


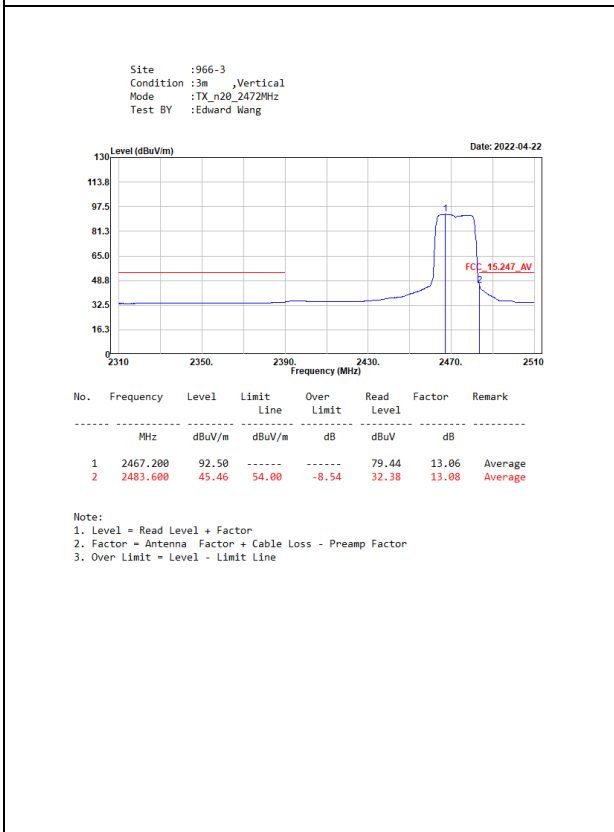
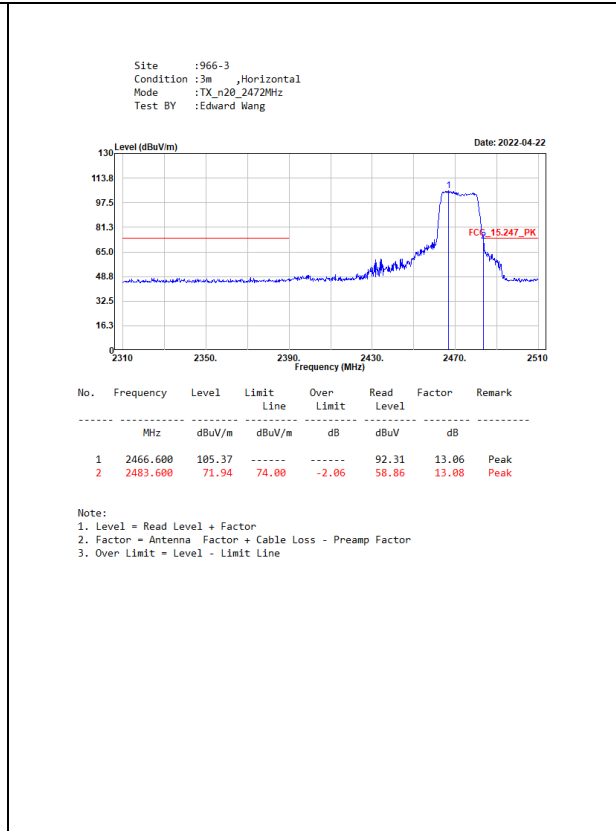
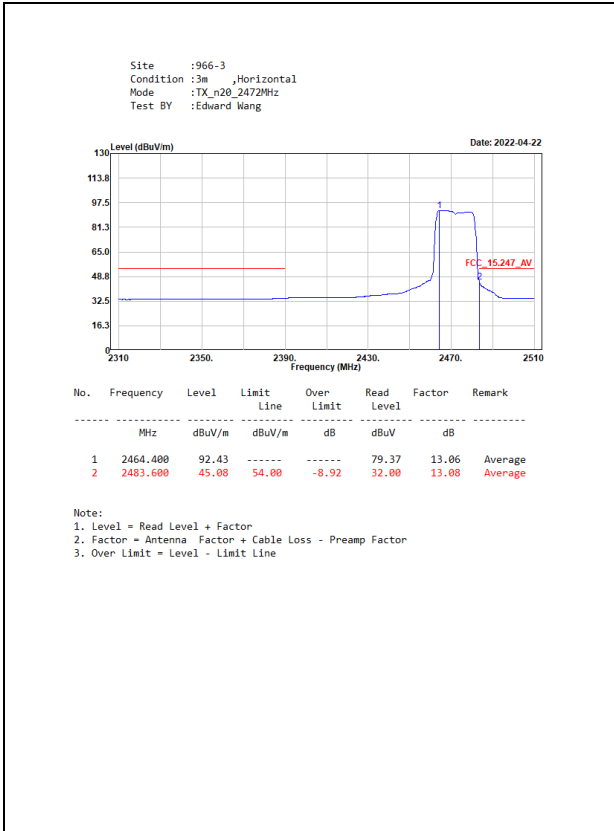
MIMO

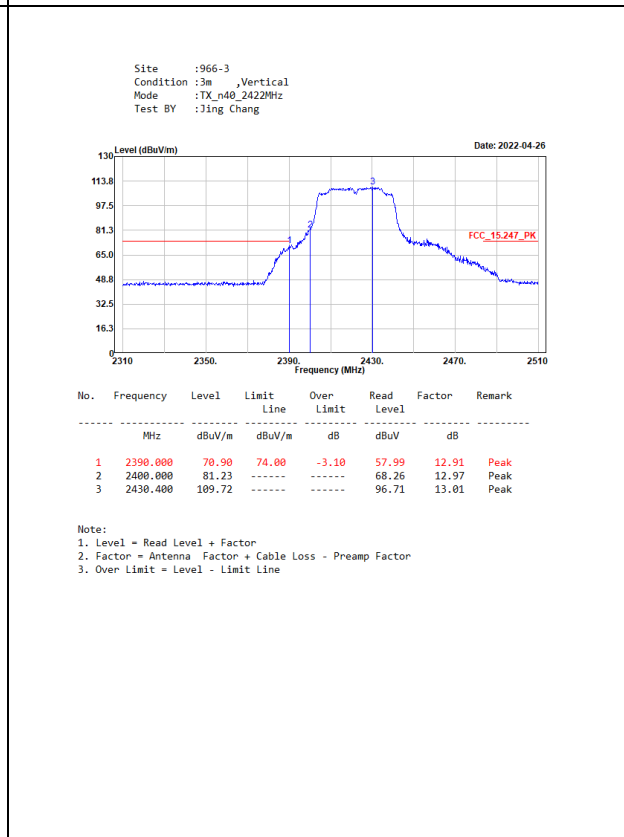
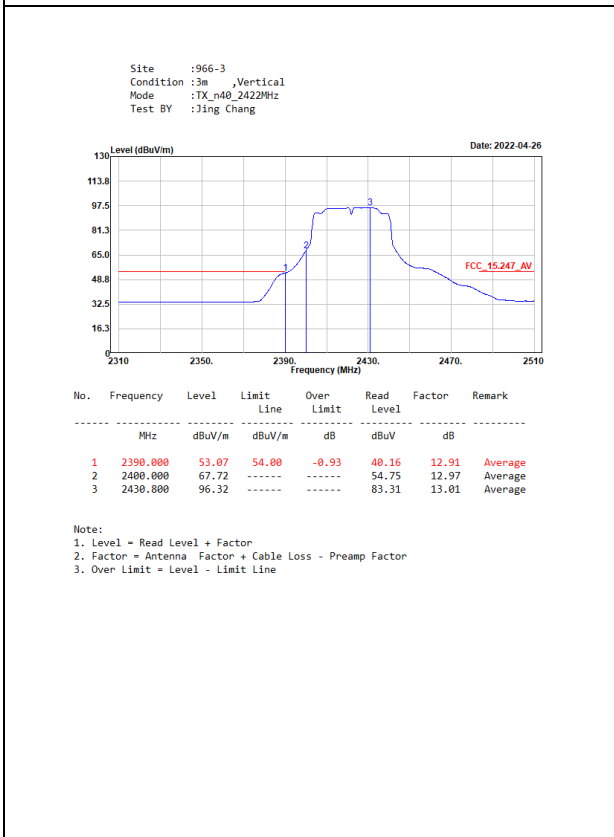
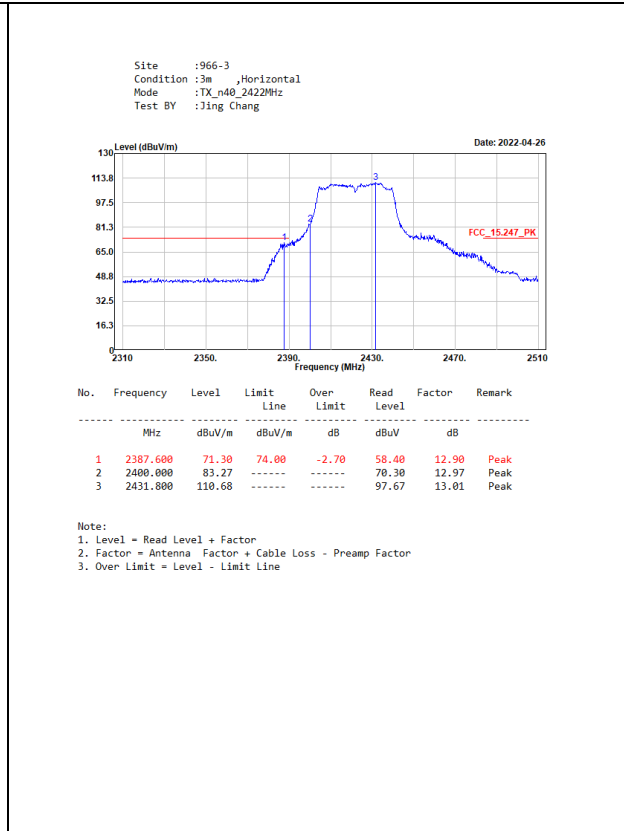
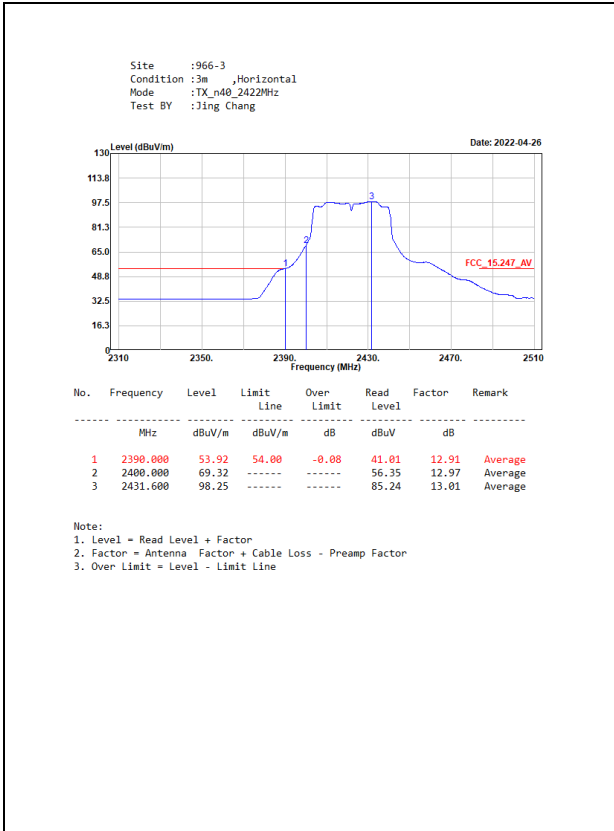


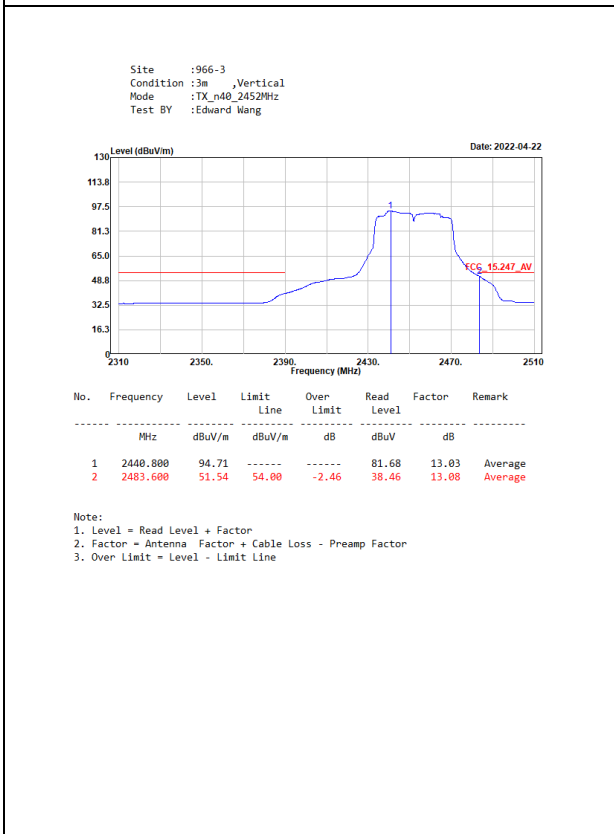
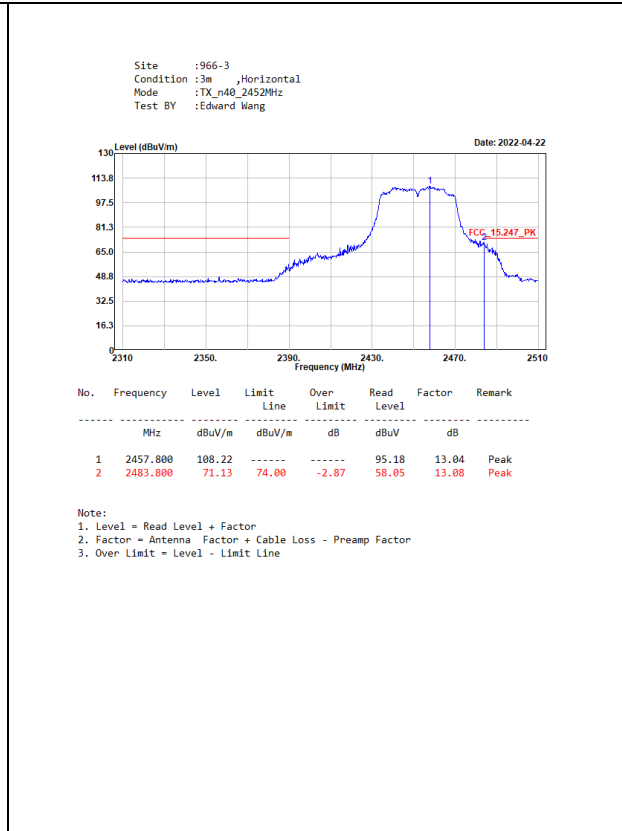
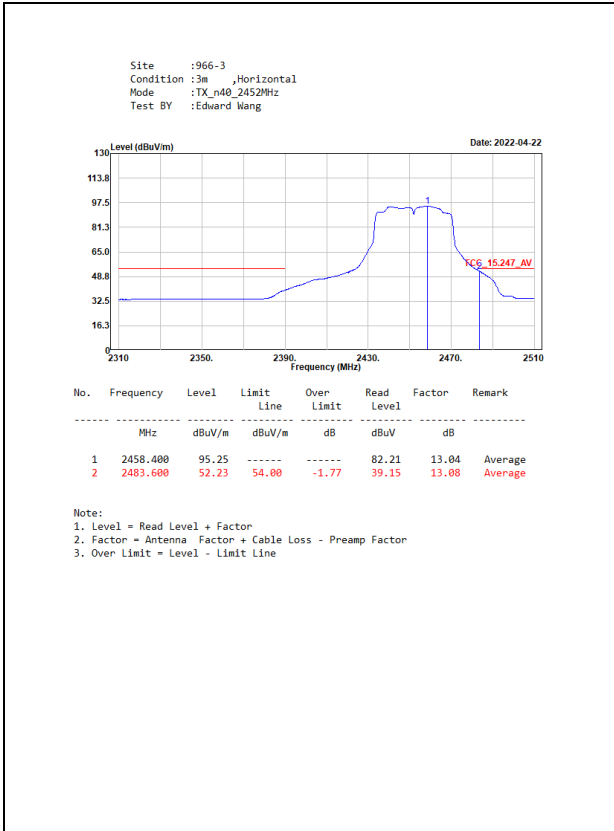


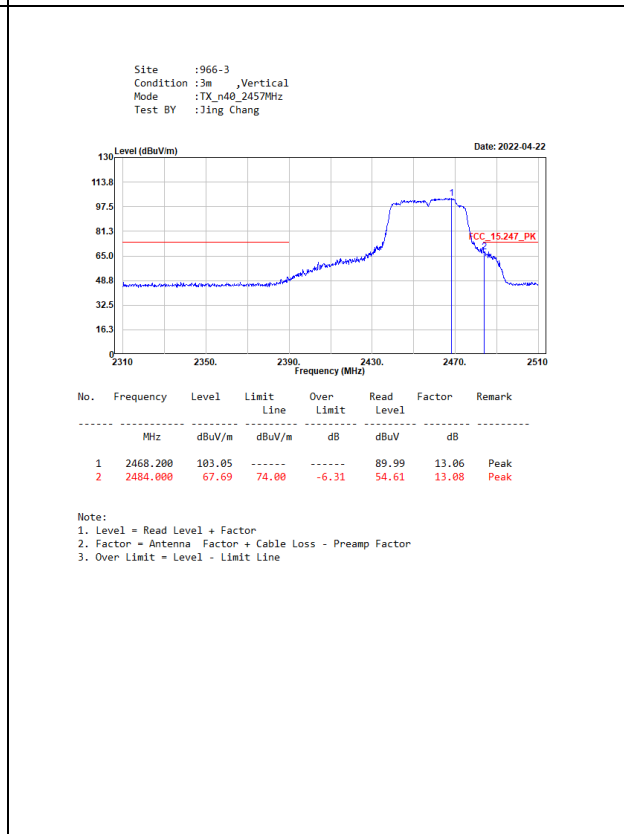
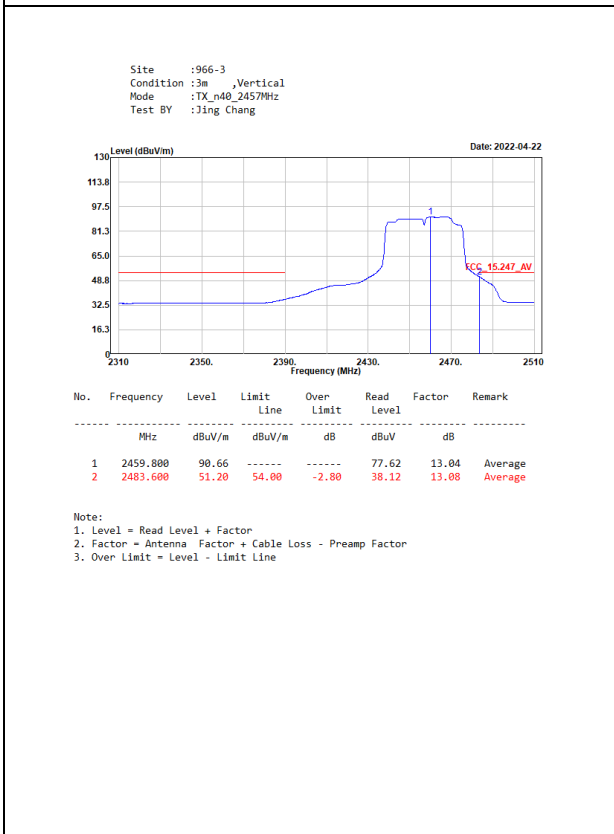
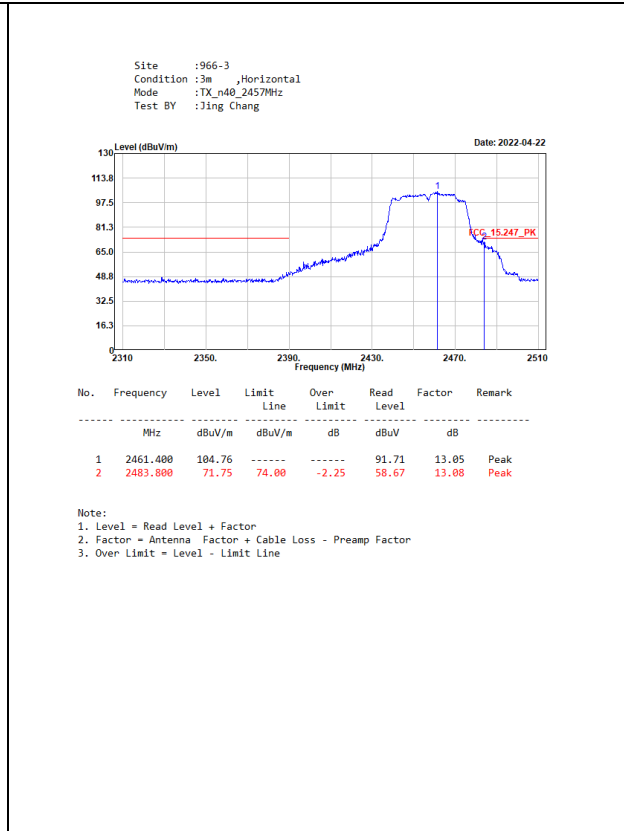
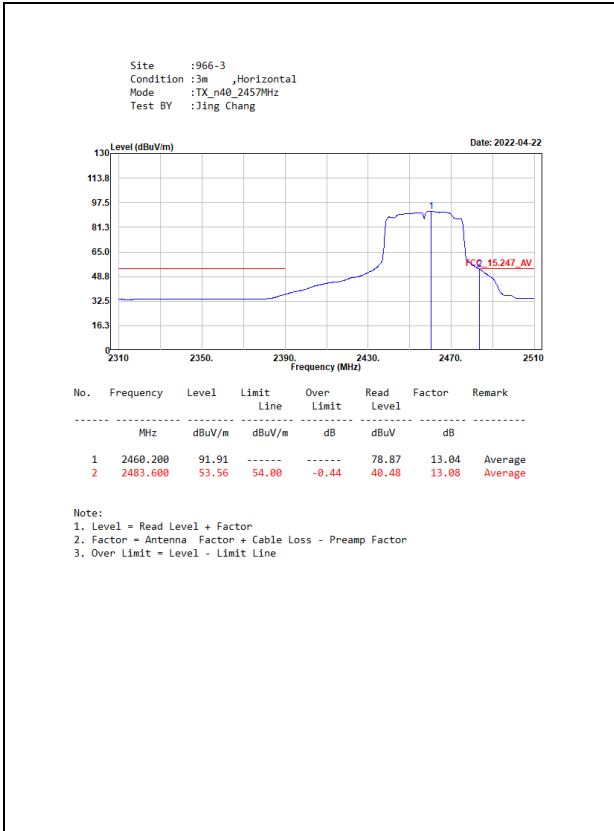


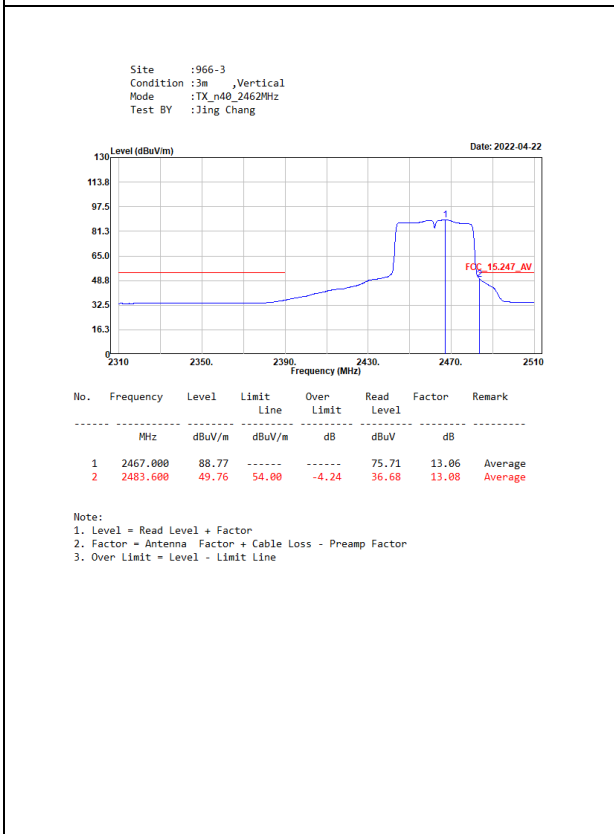
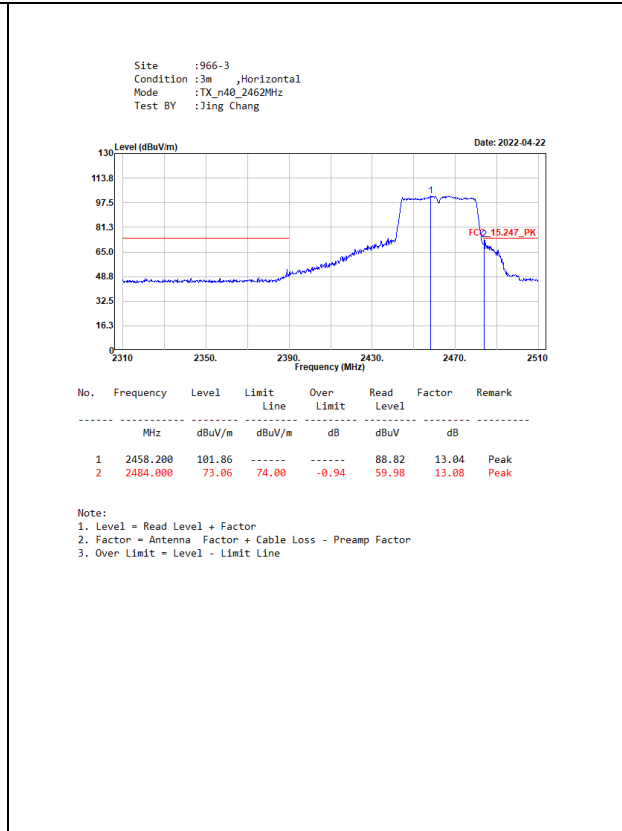
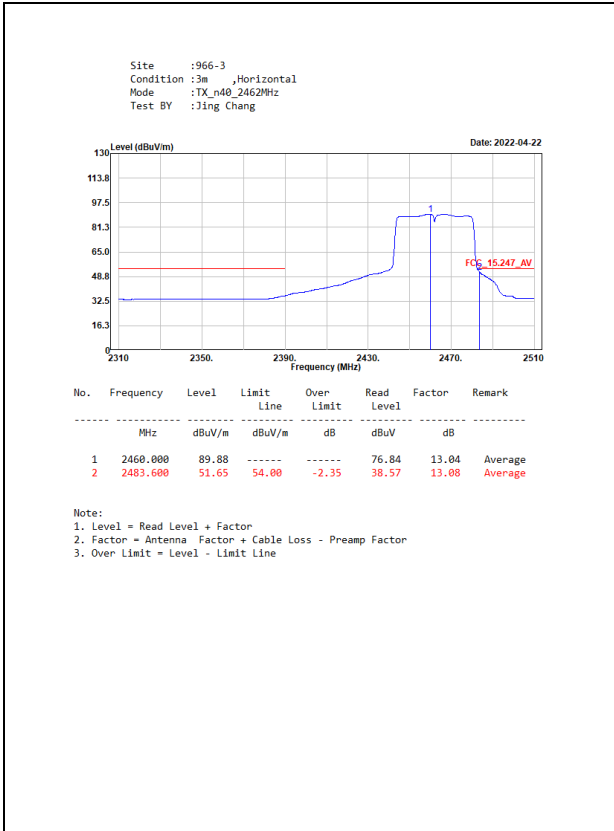


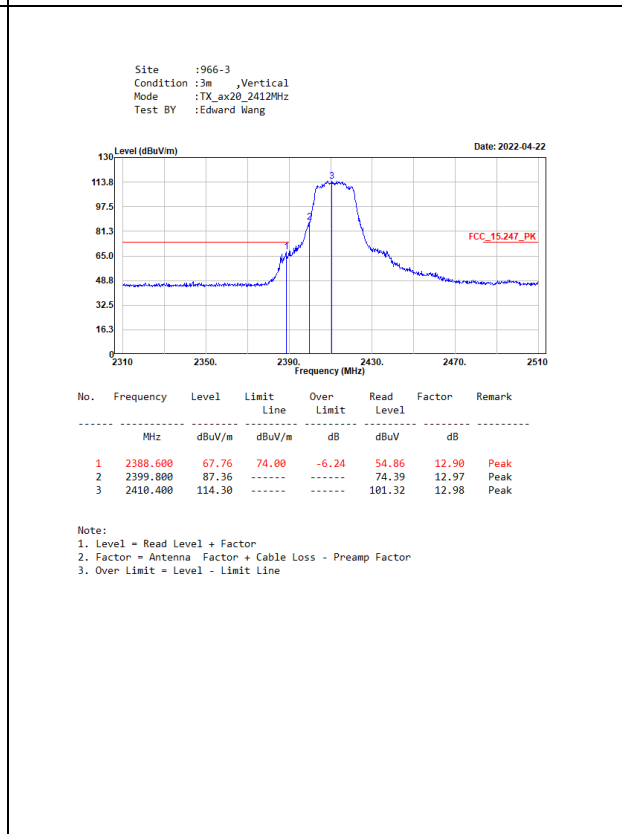
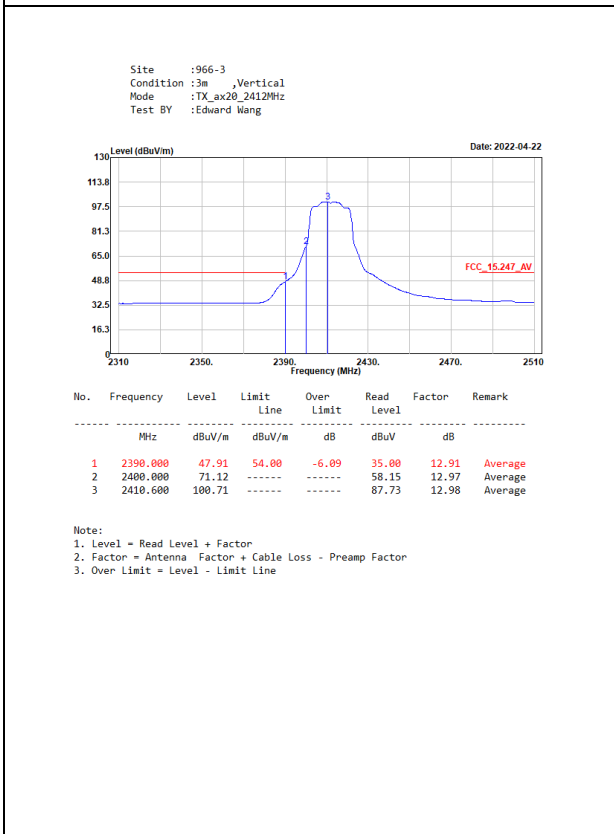
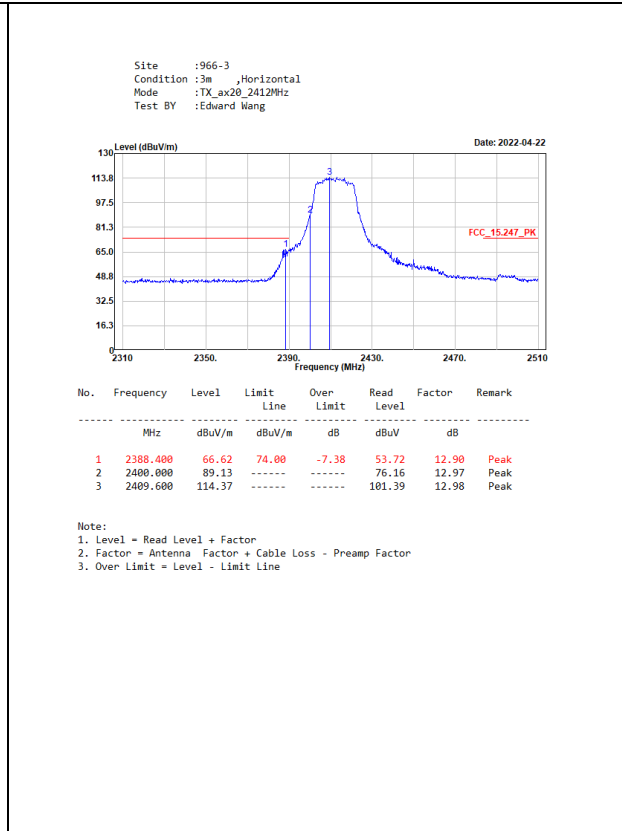
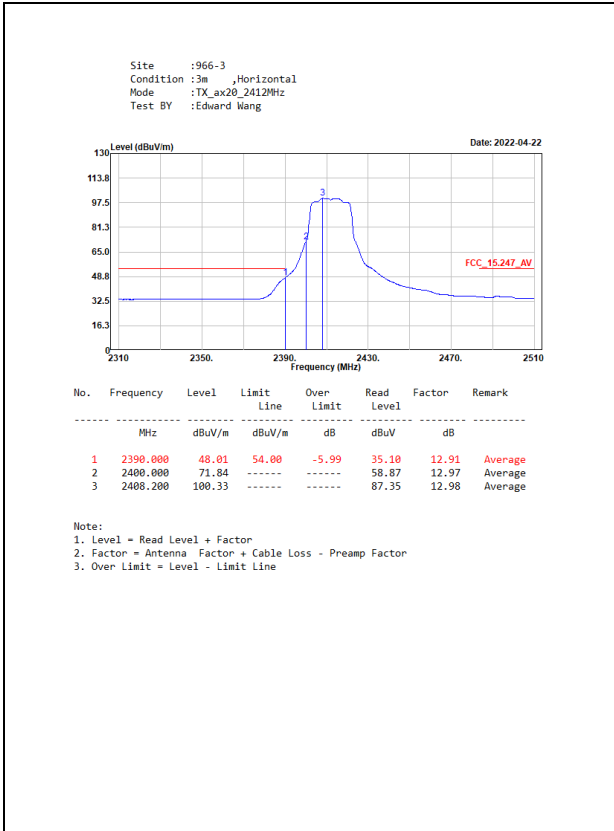


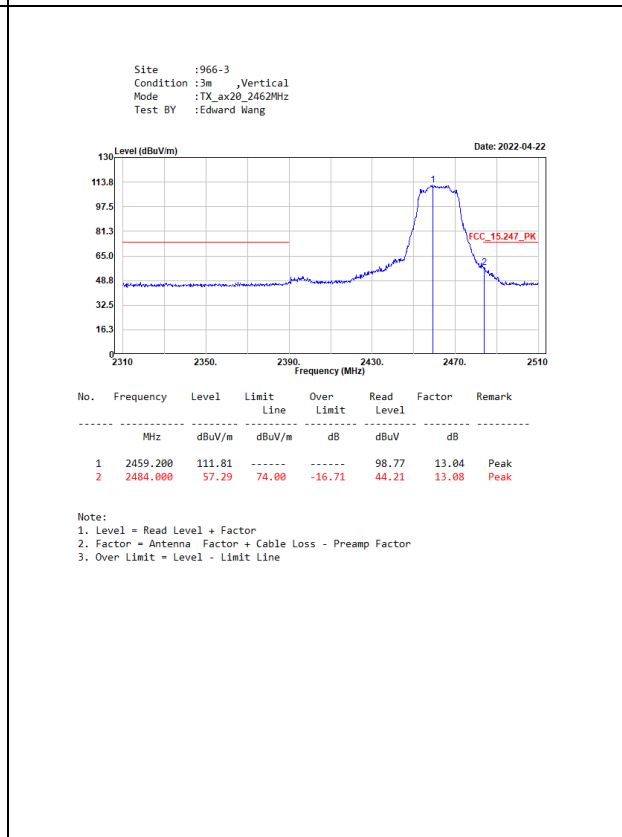
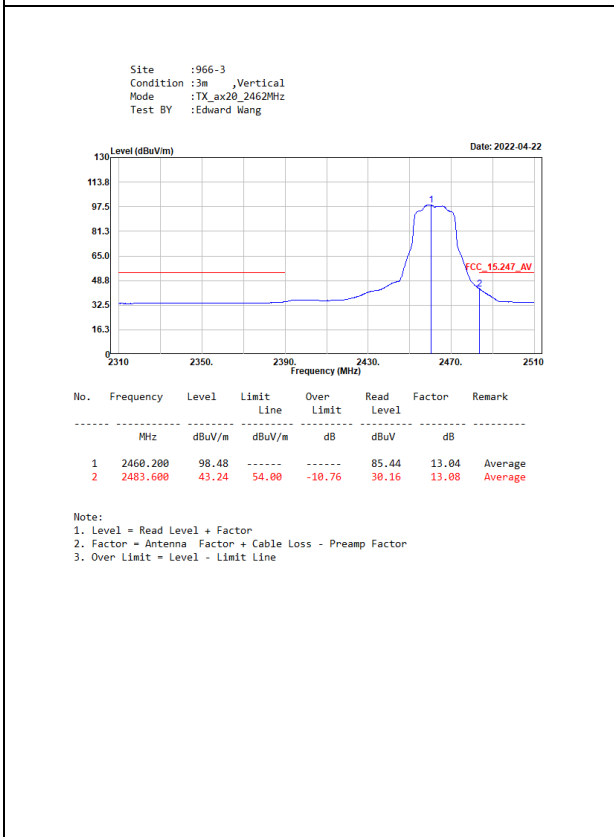
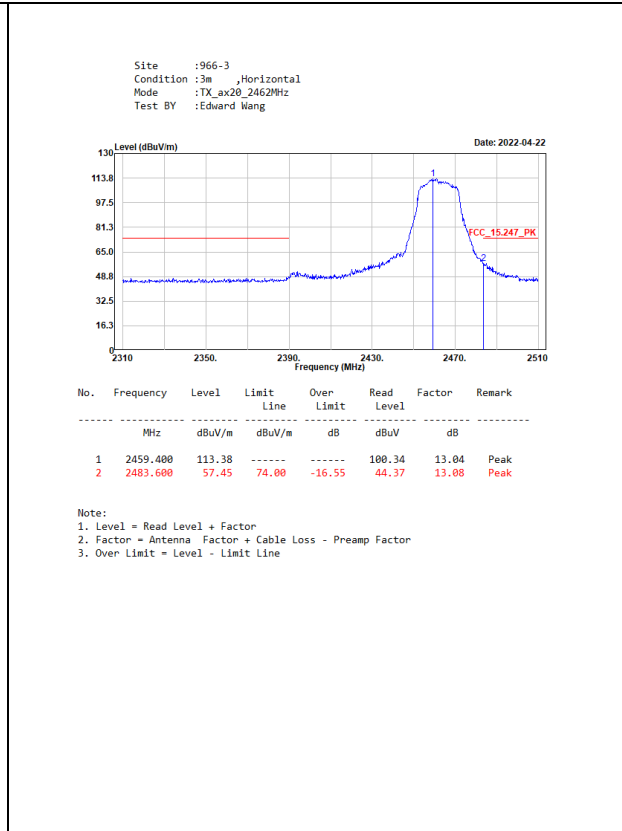
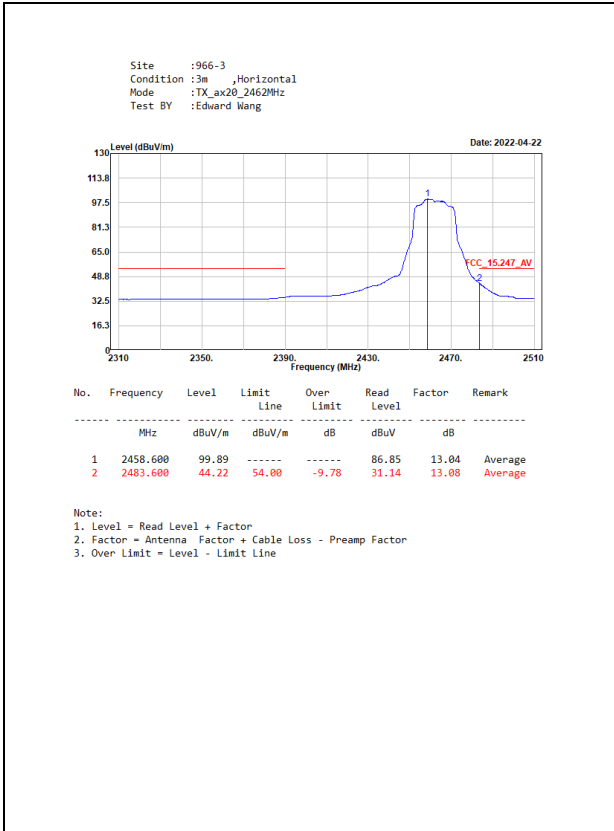




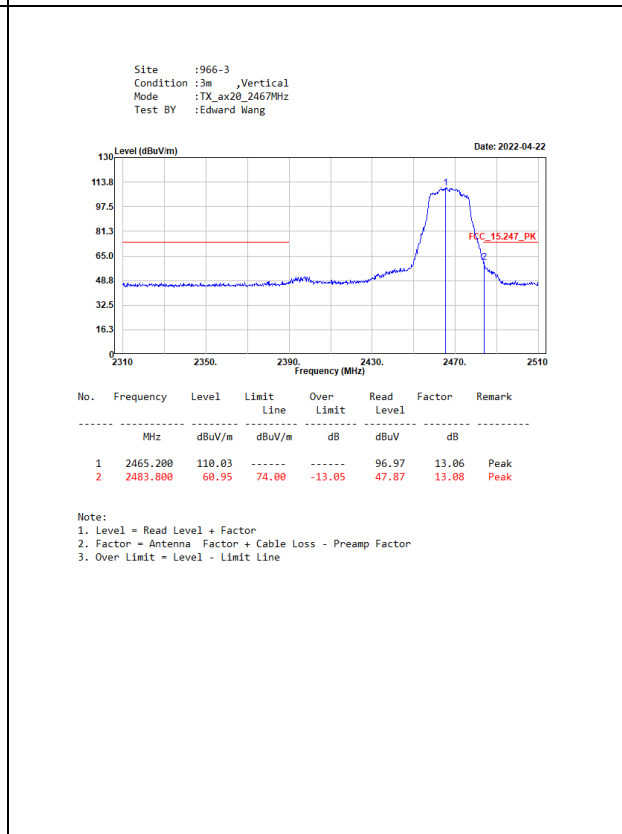
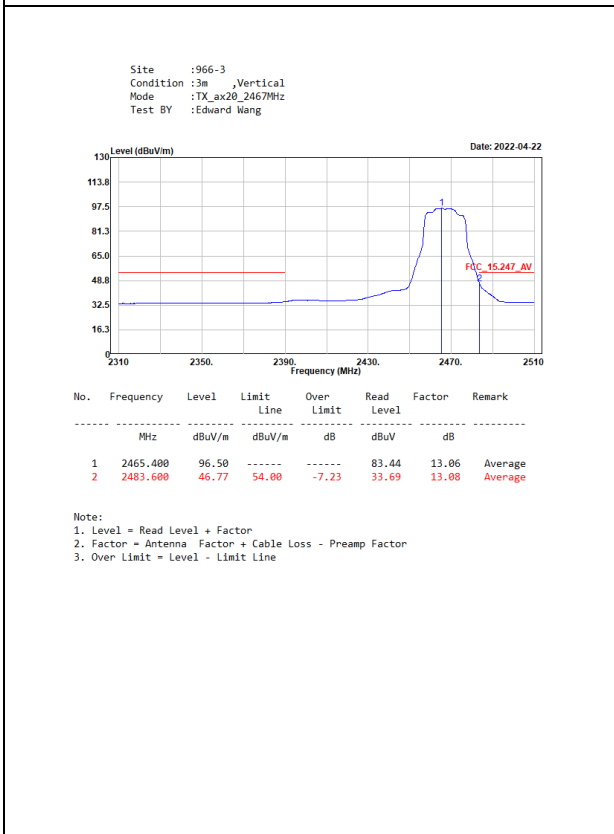
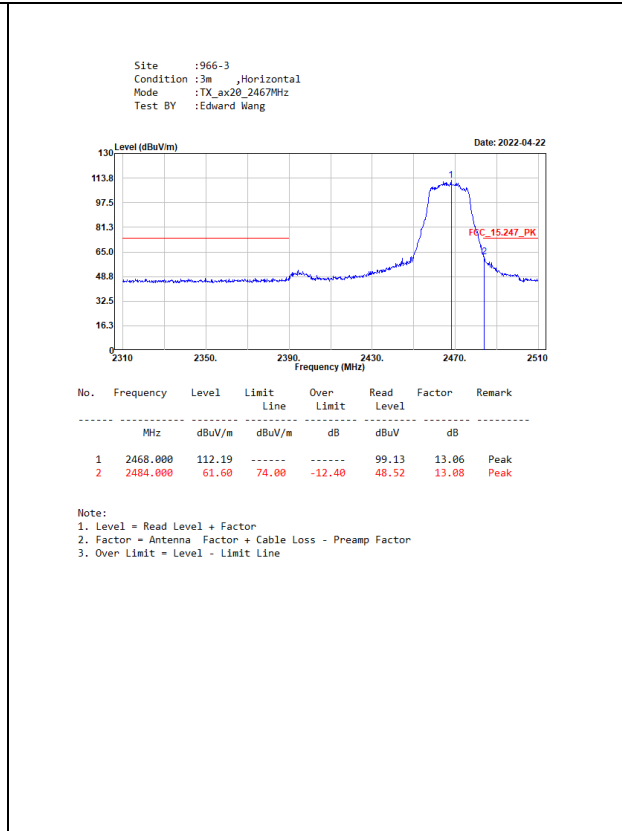
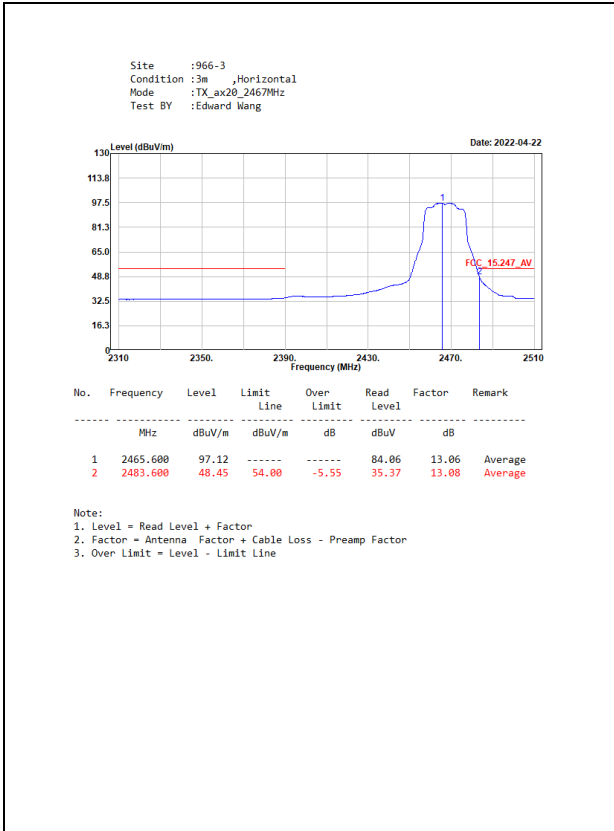


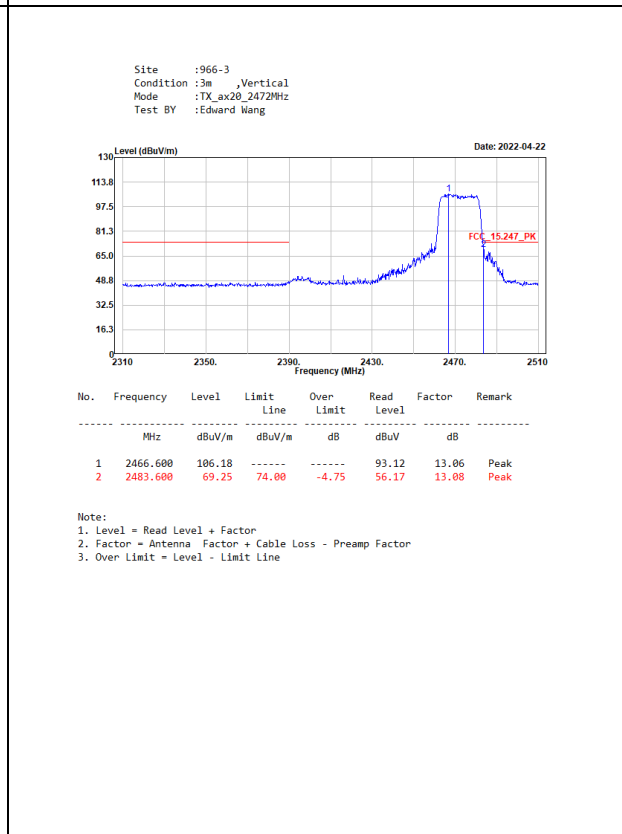
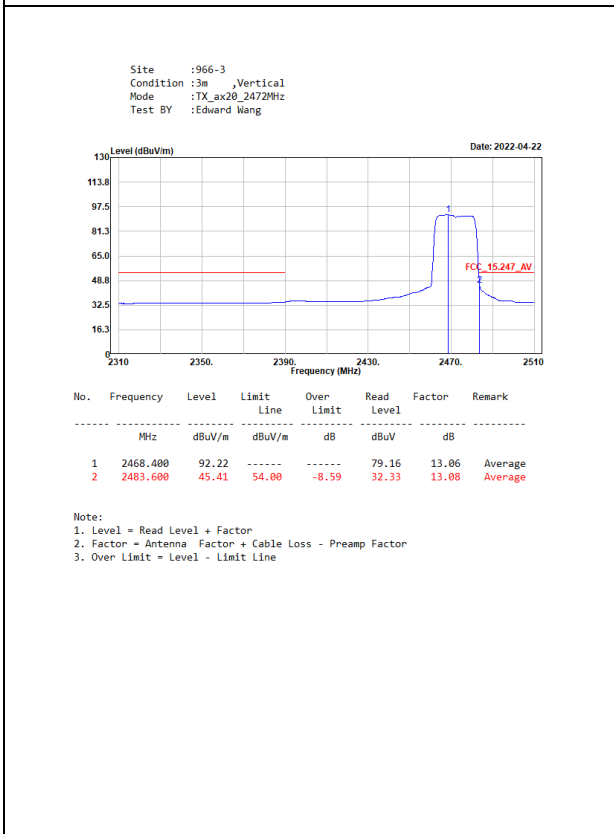
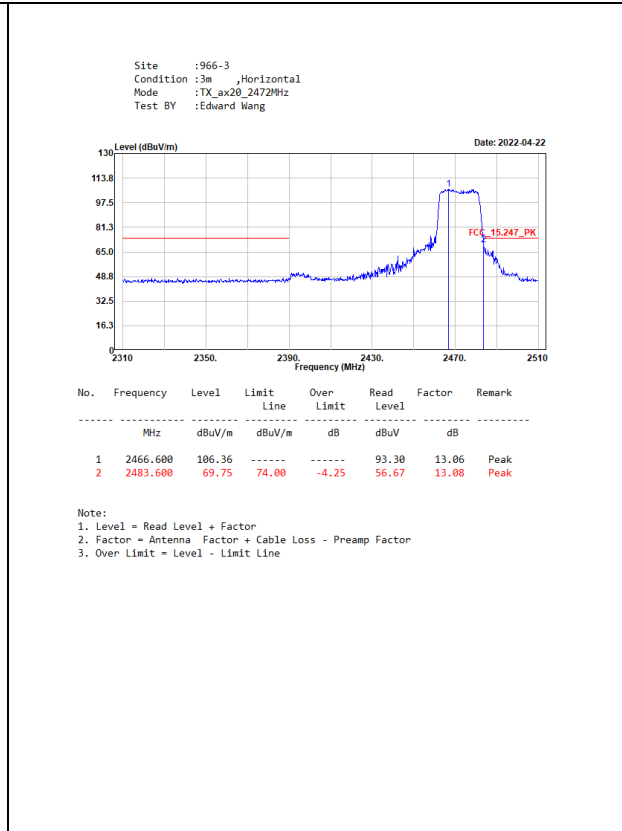
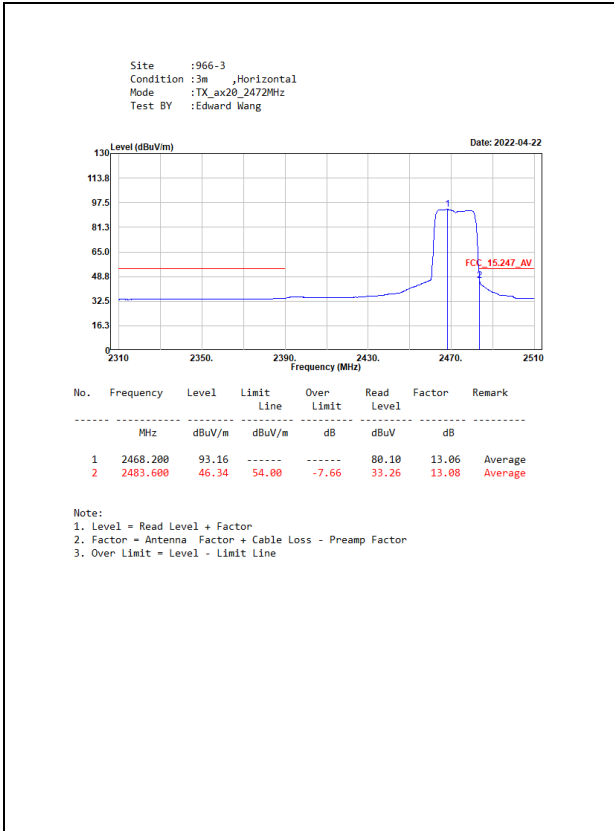


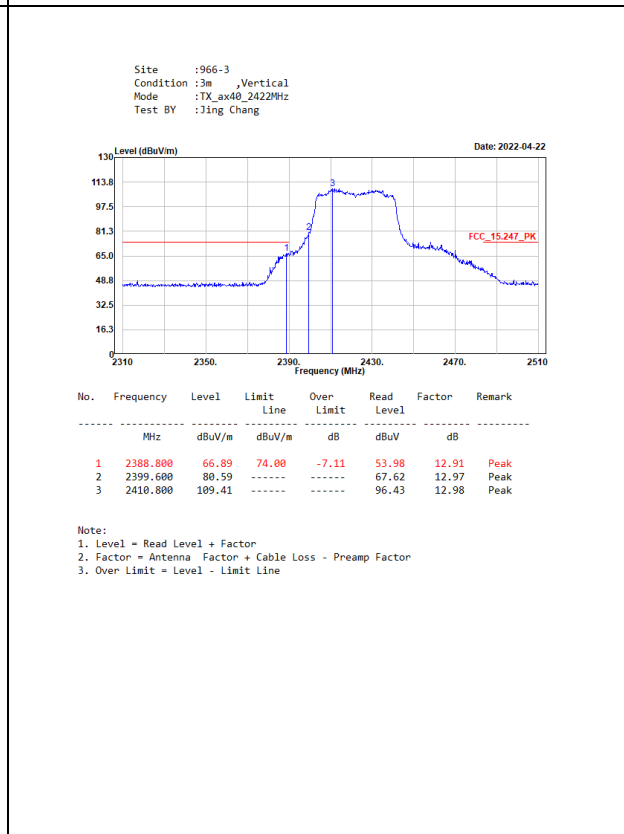
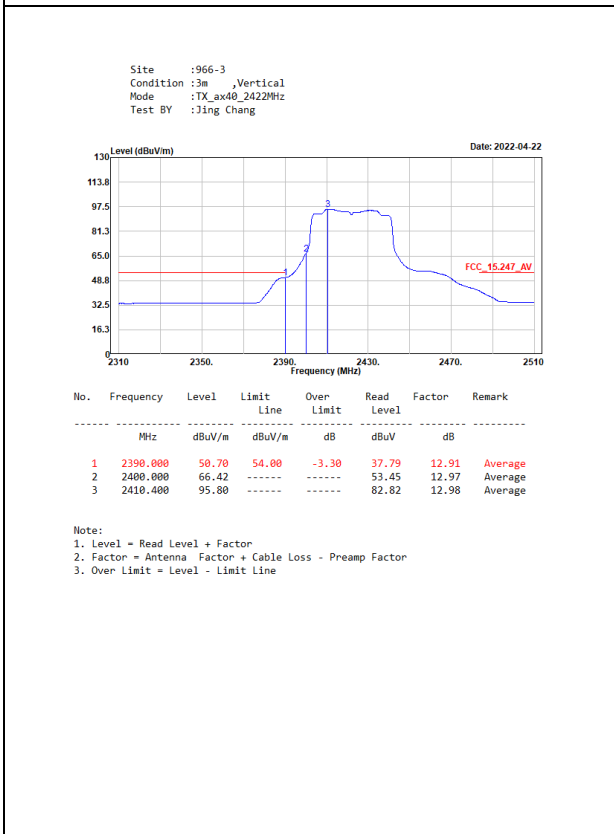
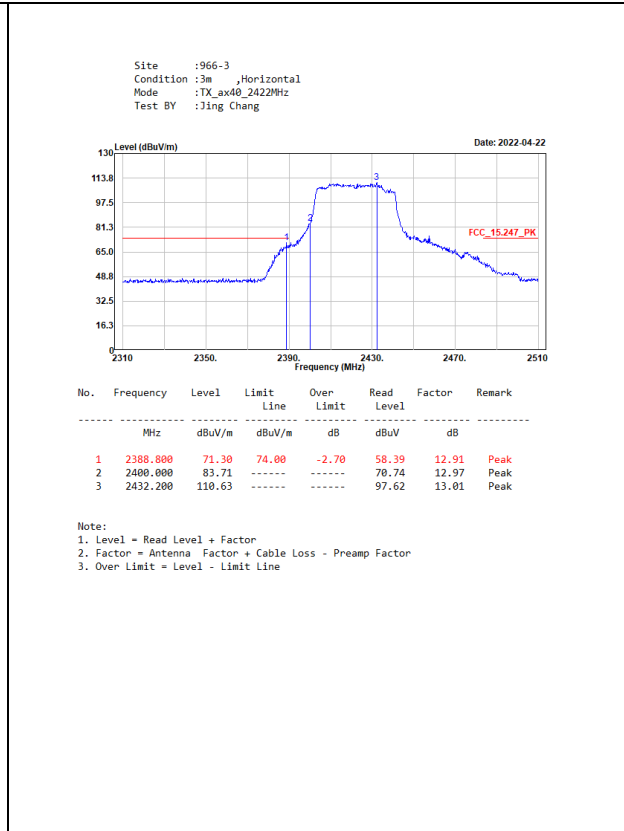
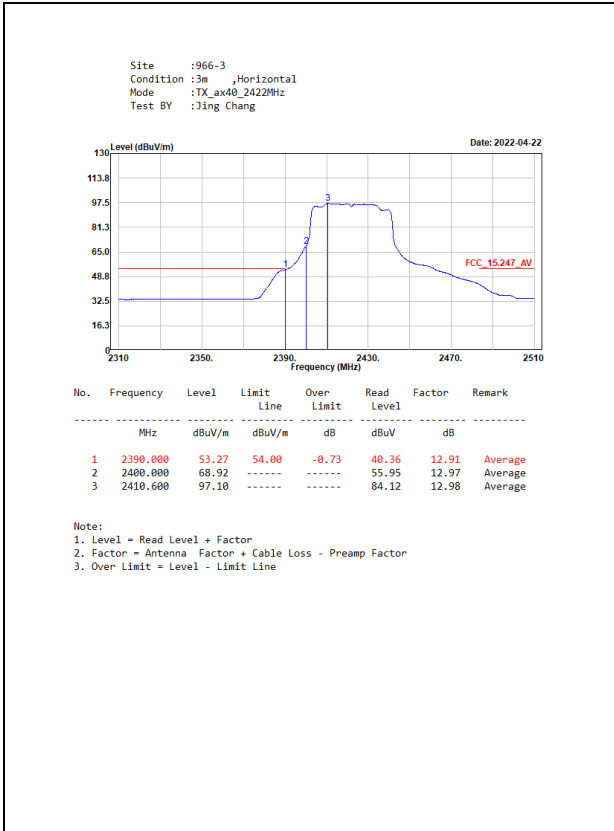


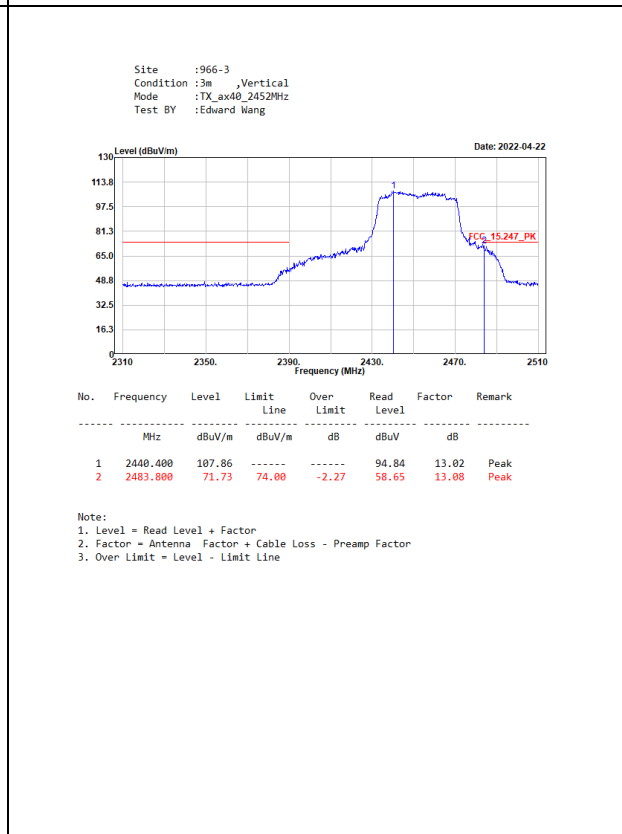
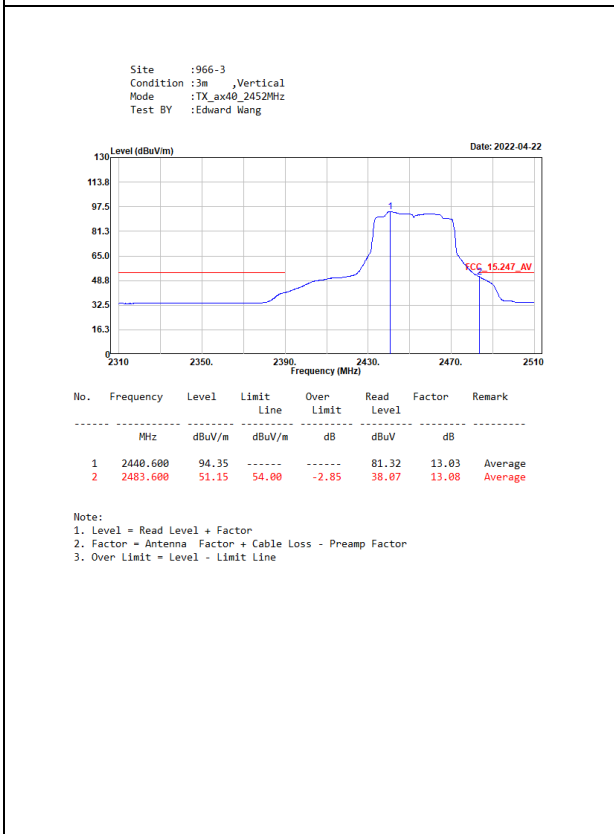
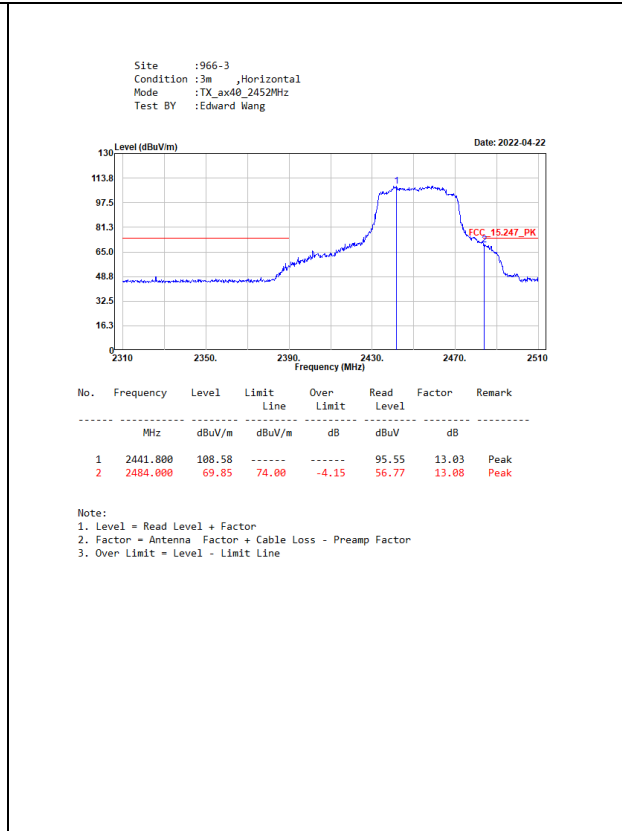
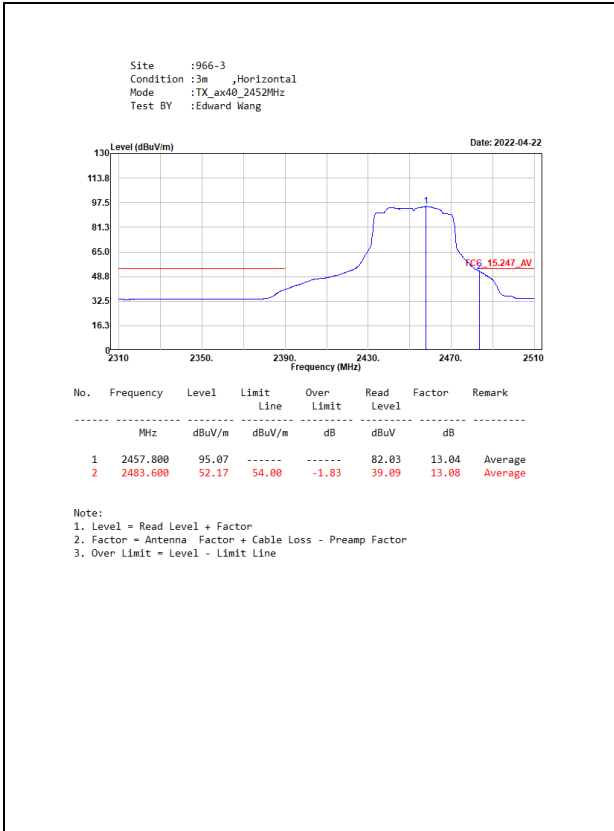


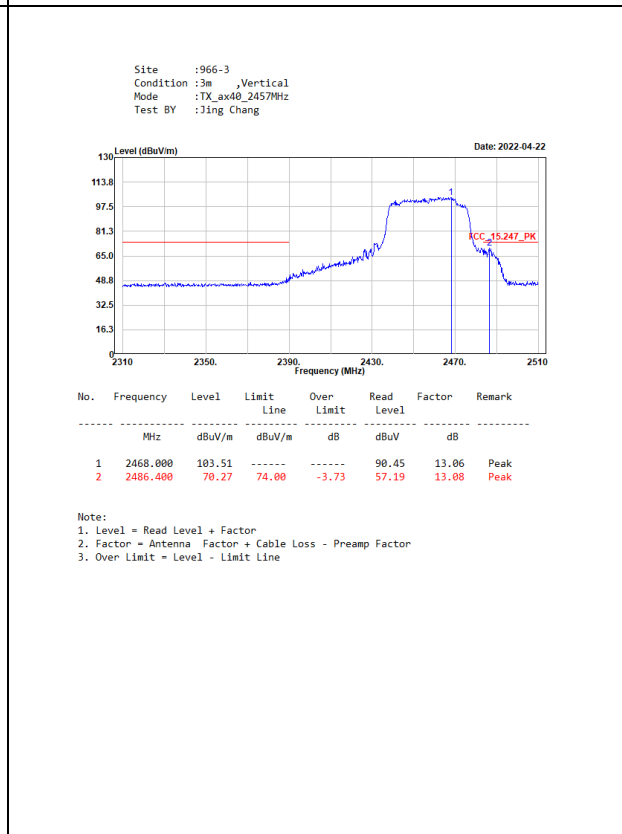
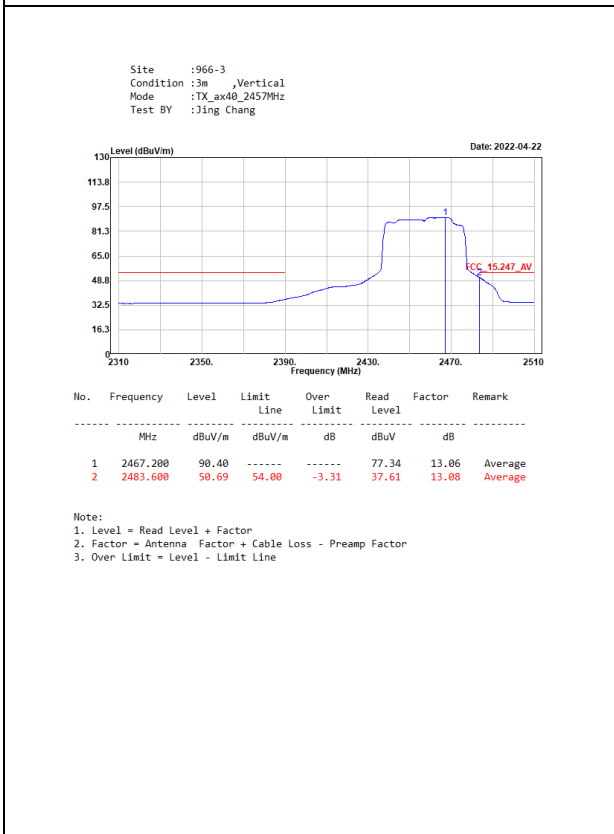
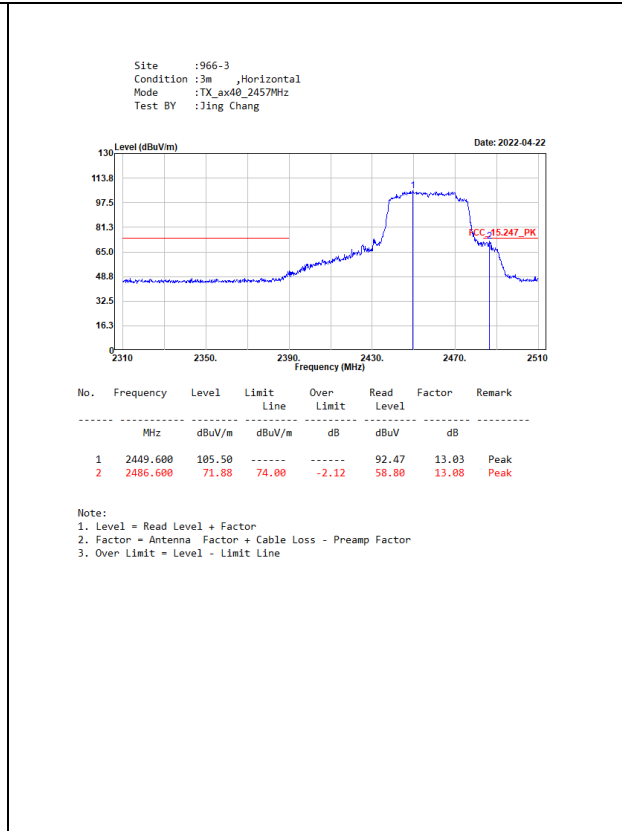
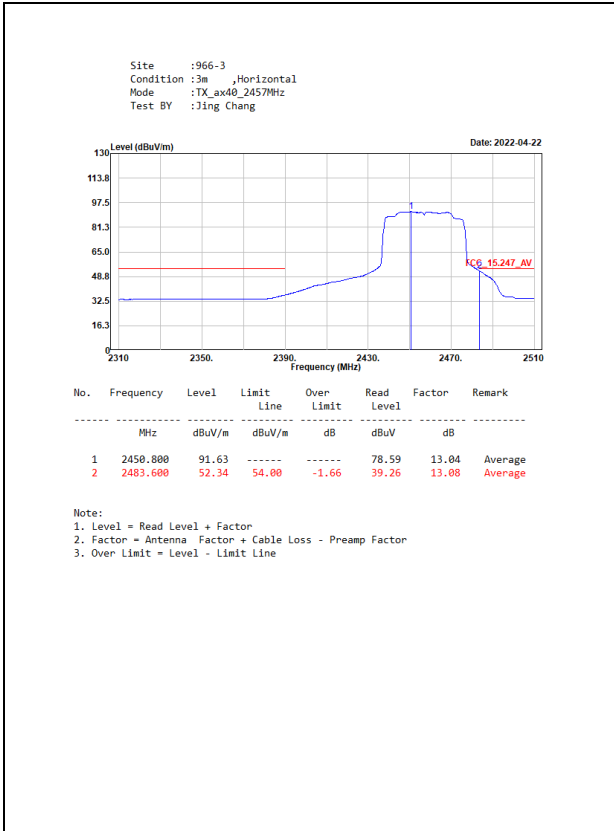


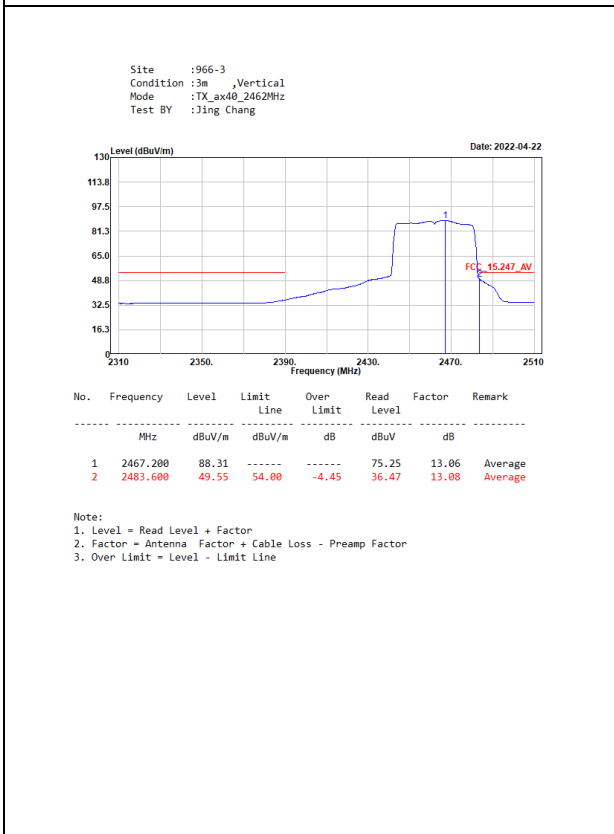
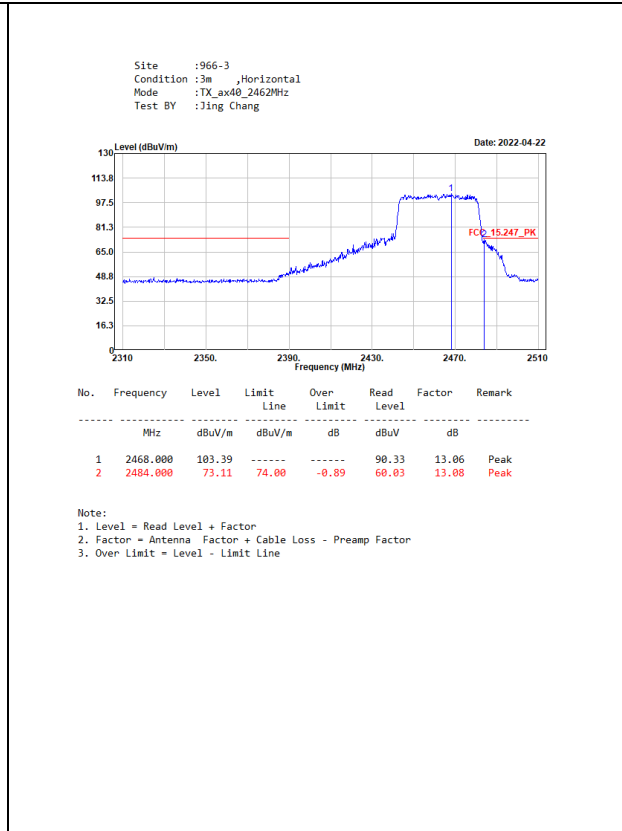
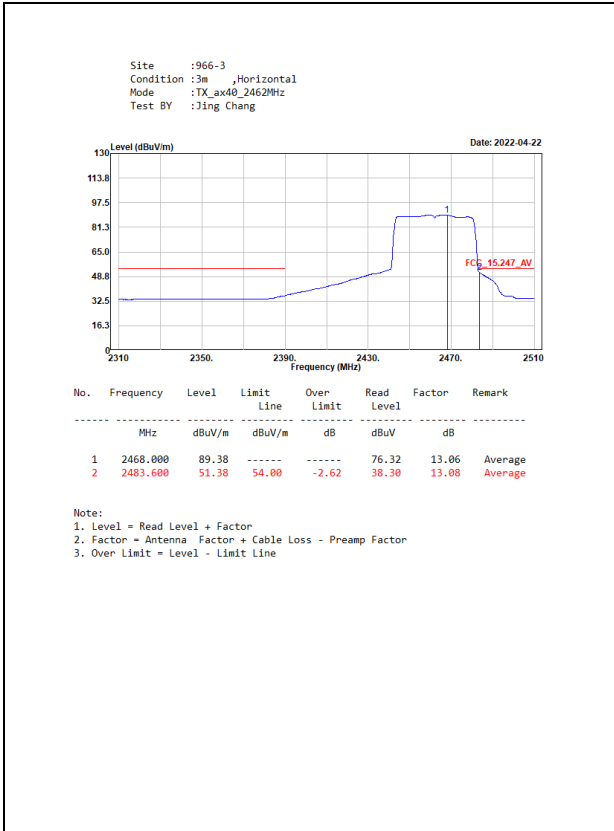






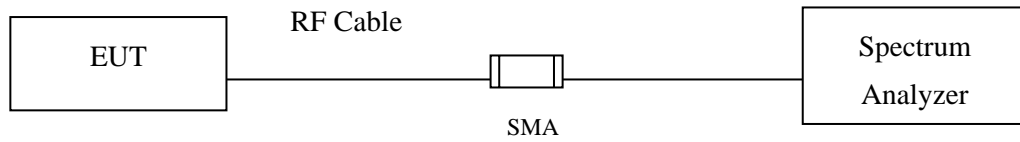






## 5. Duty Cycle

### 5.1. Test Setup



### 5.2. Test Procedure

The EUT was setup according to ANSI C63.10 2013; tested according to ANSI C63.10 2013 for compliance to FCC 47CFR 15.247 requirements.

### 5.3. Test Result of Duty Cycle

Product : Intel® Wi-Fi 6 AX200  
Test Item : Duty Cycle  
Test Mode : Transmit

Duty Cycle Formula:

$\text{Duty Cycle} = \text{Ton} / (\text{Ton} + \text{Toff})$

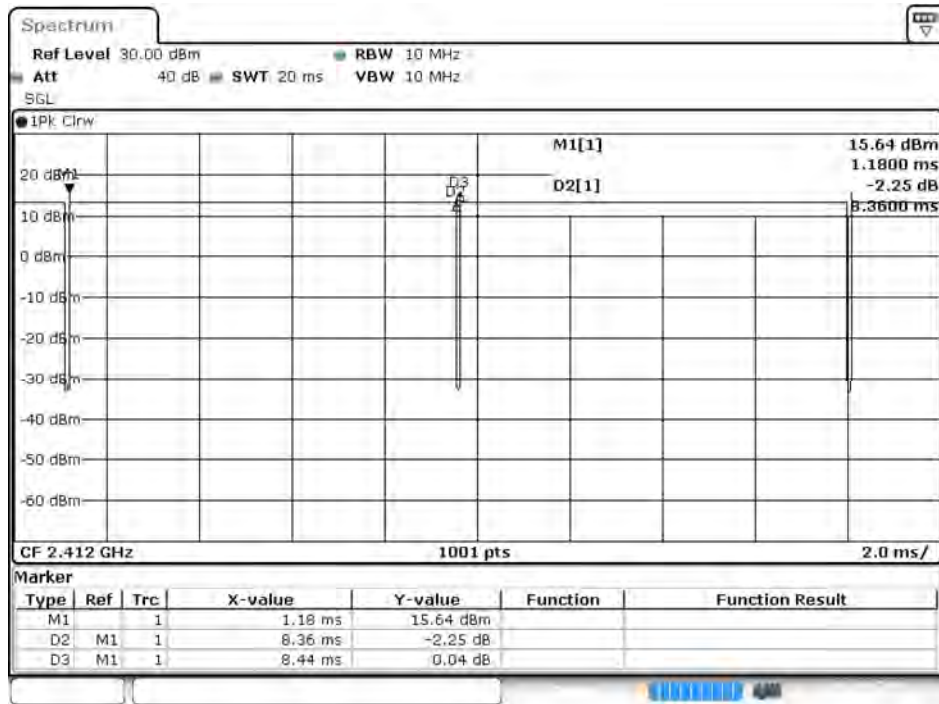
$\text{Duty Factor} = 10 \text{ Log} (1/\text{Duty Cycle})$

Results: **SISO A**

2.4GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11 b	8.3600	8.4400	99.05	0.04
802.11 g	2.0900	2.1350	97.89	0.09
802.11 n20	3.9840	4.0380	98.66	0.06
802.11 n40	17.7470	17.9210	99.03	0.04
802.11 ax20	4.6500	4.7100	98.73	0.06
802.11 ax40	18.6200	18.7800	99.15	0.04

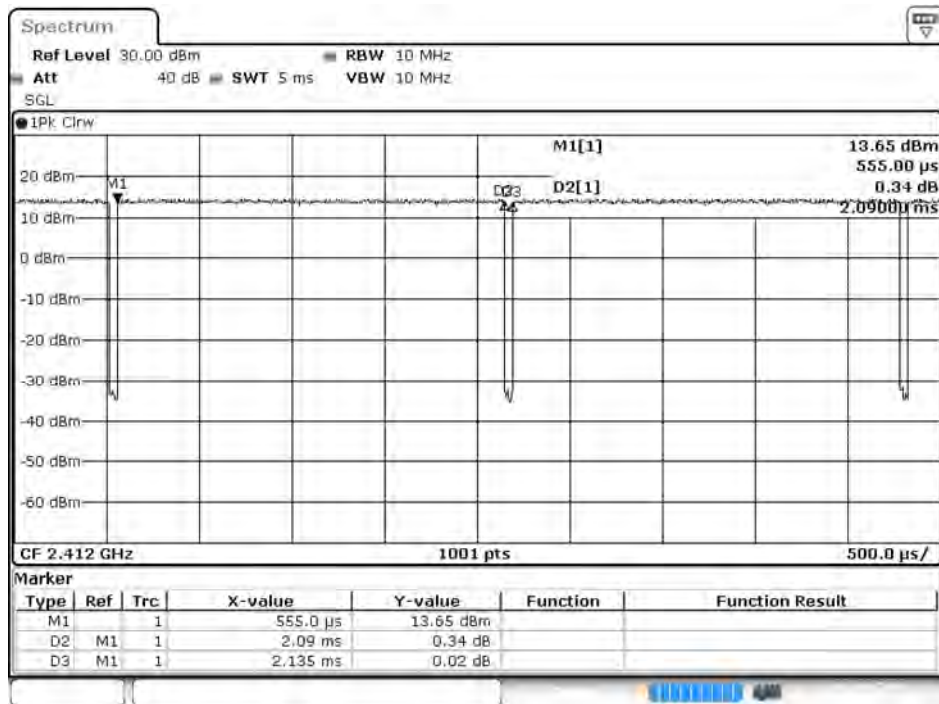


802.11b-SISO A



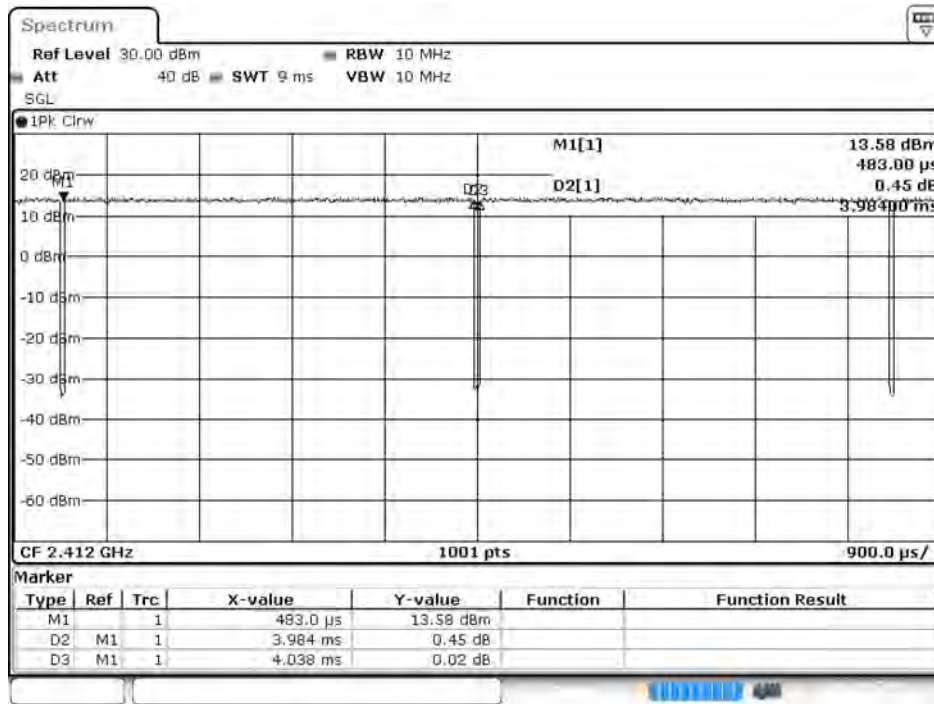
Date: 14.FEB.2022 17:47:54

802.11g-SISO A



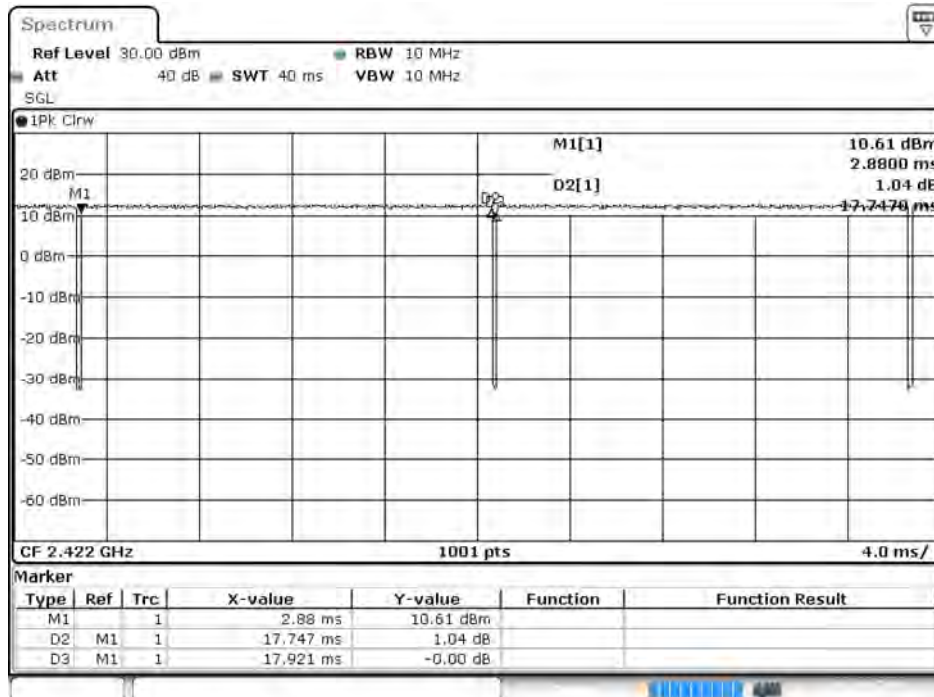
Date: 14.FEB.2022 17:49:21

802.11n20-SISO A



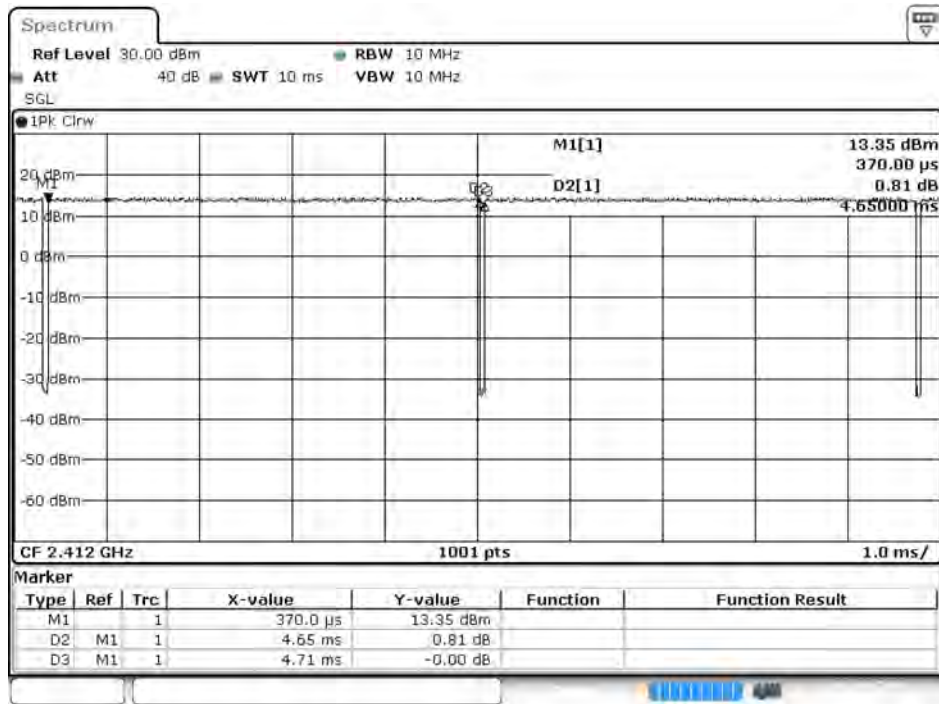
Date: 14 FEB 2022 17:53:32

802.11n40-SISO A



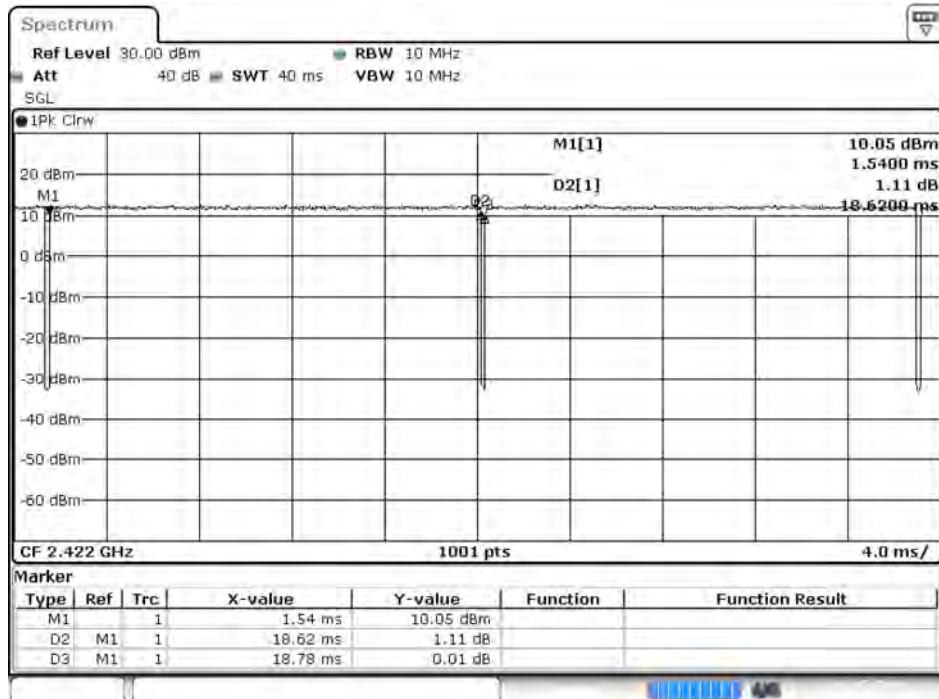
Date: 14 FEB 2022 17:54:57

802.11ax20-SISO A



Date: 14.FEB.2022 17:58:55

802.11ax40-SISO A



Date: 15.FEB.2022 09:39:43

Product : Intel® Wi-Fi 6 AX200  
Test Item : Duty Cycle  
Test Mode : Transmit

Duty Cycle Formula:

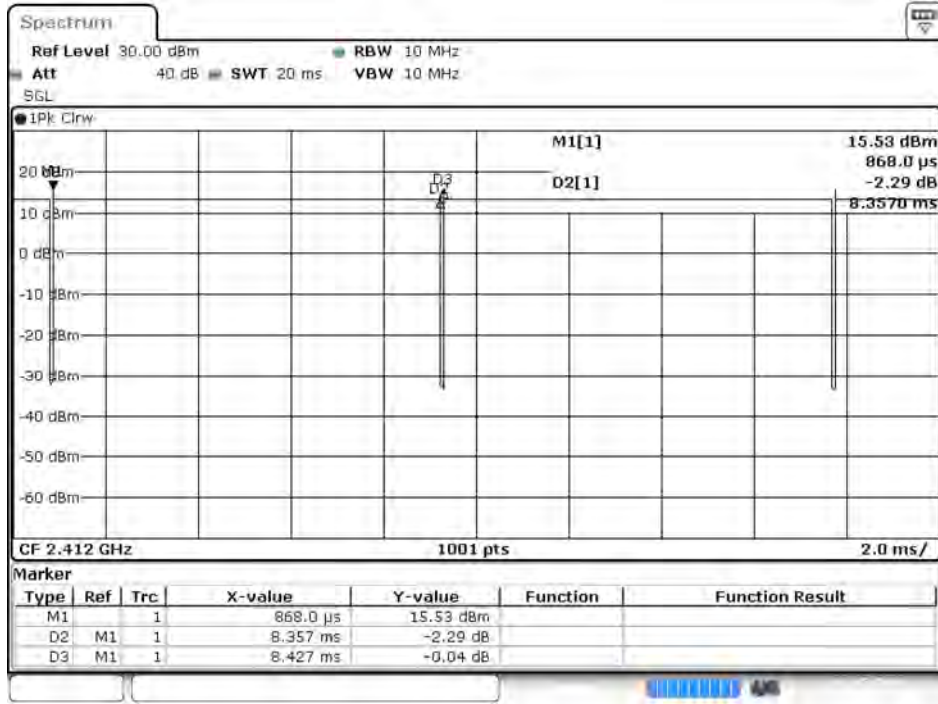
Duty Cycle = Ton / (Ton + Toff)

Duty Factor = 10 Log (1/Duty Cycle)

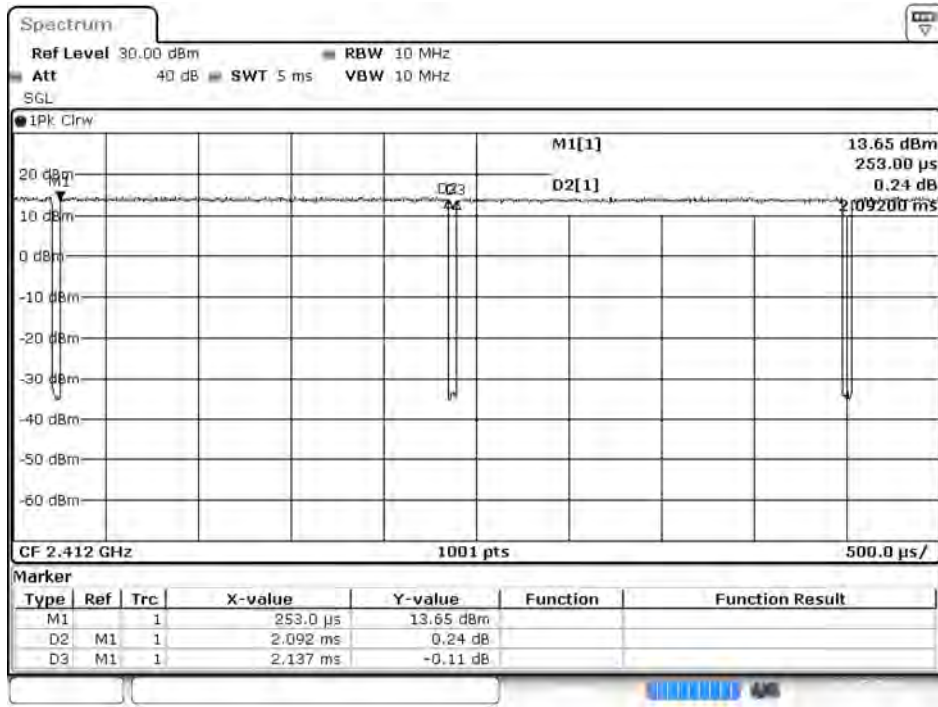
Results: **SISO B**

2.4GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11 b	8.3570	8.4270	99.17	0.04
802.11 g	2.0920	2.1370	97.89	0.09
802.11 n20	3.9730	4.0270	98.66	0.06
802.11 n40	3.9640	4.0180	98.66	0.06
802.11 ax20	2.5900	2.6320	98.40	0.07
802.11 ax40	18.6700	18.8720	98.93	0.05

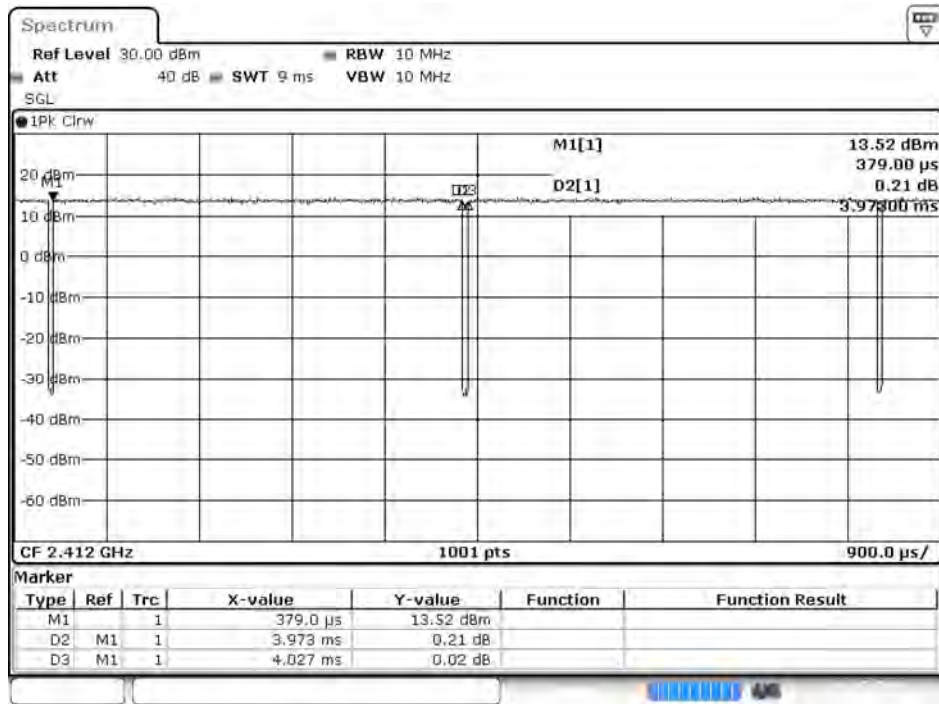
802.11b-SISO B



802.11g-SISO B

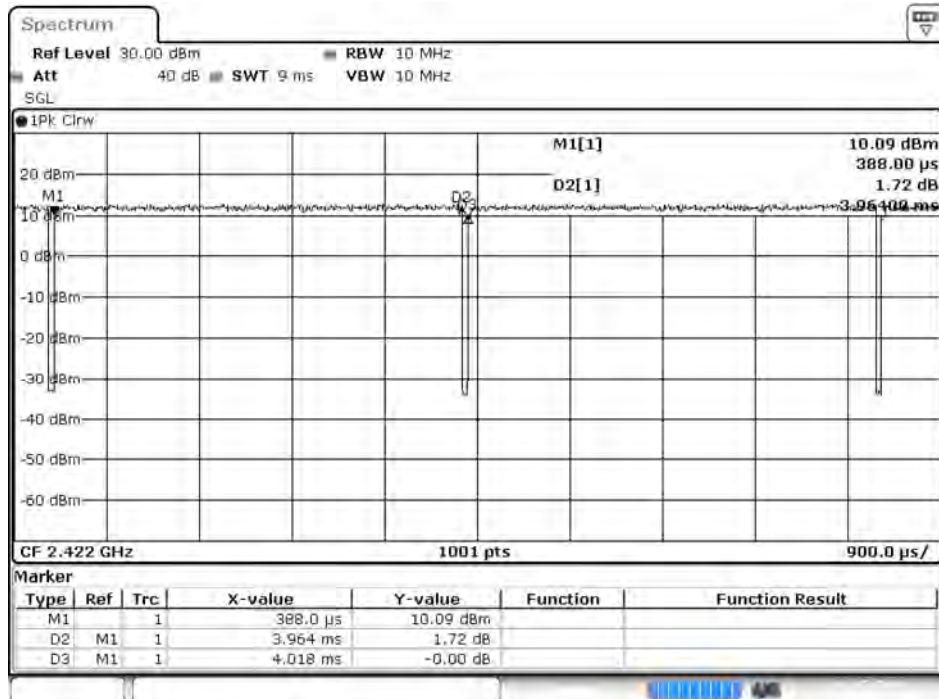


802.11n20-SISO B



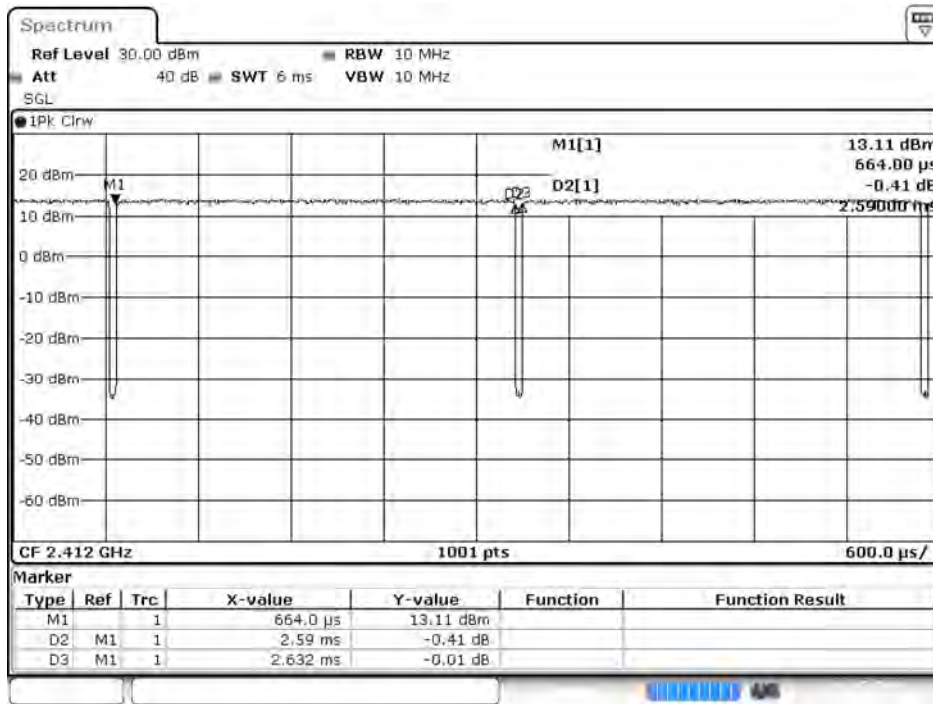
Date: 15.FEB.2022 10:18:29

802.11n40-SISO B



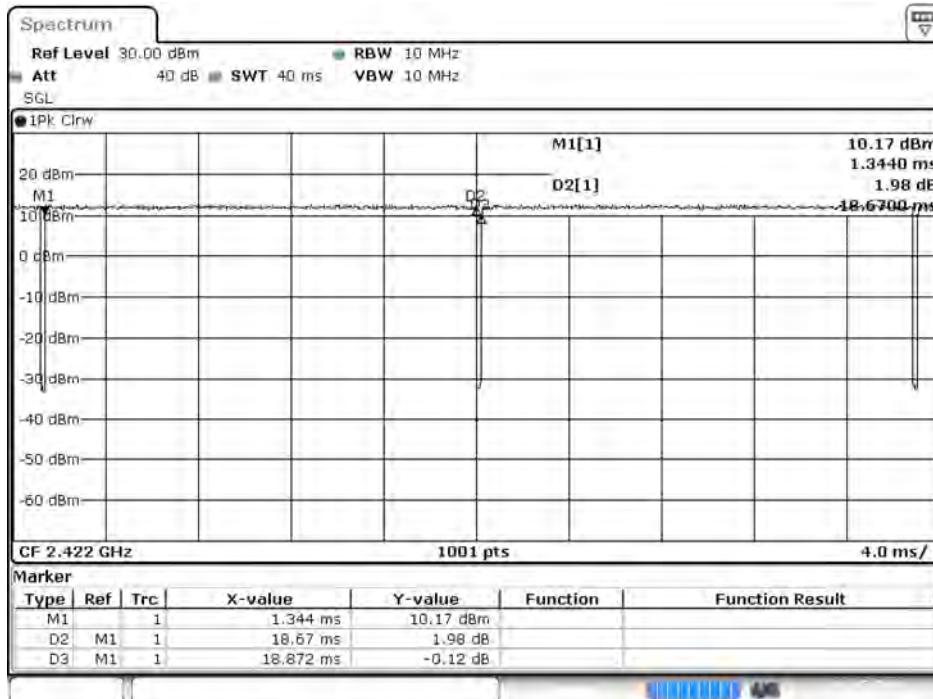
Date: 15.FEB.2022 10:19:30

802.11ax20-SISO B



Date: 15.FEB.2022 10:21:31

802.11ax40-SISO B



Date: 15.FEB.2022 10:22:55

Product : Intel® Wi-Fi 6 AX200  
Test Item : Duty Cycle  
Test Mode : Transmit

Duty Cycle Formula:

$Duty\ Cycle = T_{on} / (T_{on} + T_{off})$

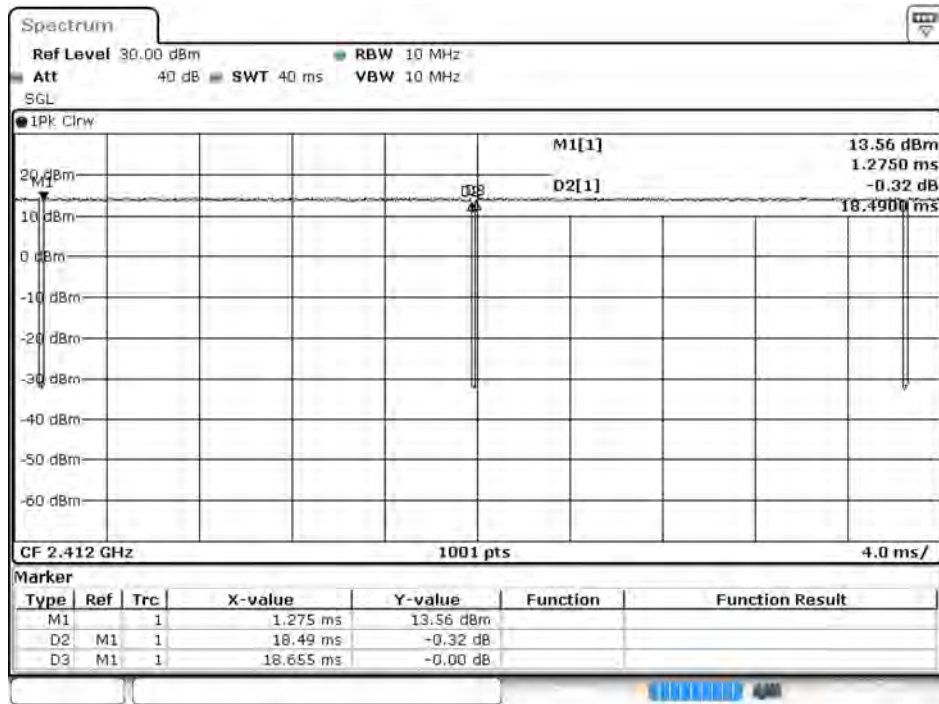
$Duty\ Factor = 10\ Log\ (1/Duty\ Cycle)$

Results: **MIMO**

2.4GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11 n20	18.4900	18.6550	99.12	0.04
802.11 n40	8.9400	9.0400	98.89	0.05
802.11 ax20	18.6500	18.8300	99.04	0.04
802.11 ax40	9.3000	9.4000	98.94	0.05

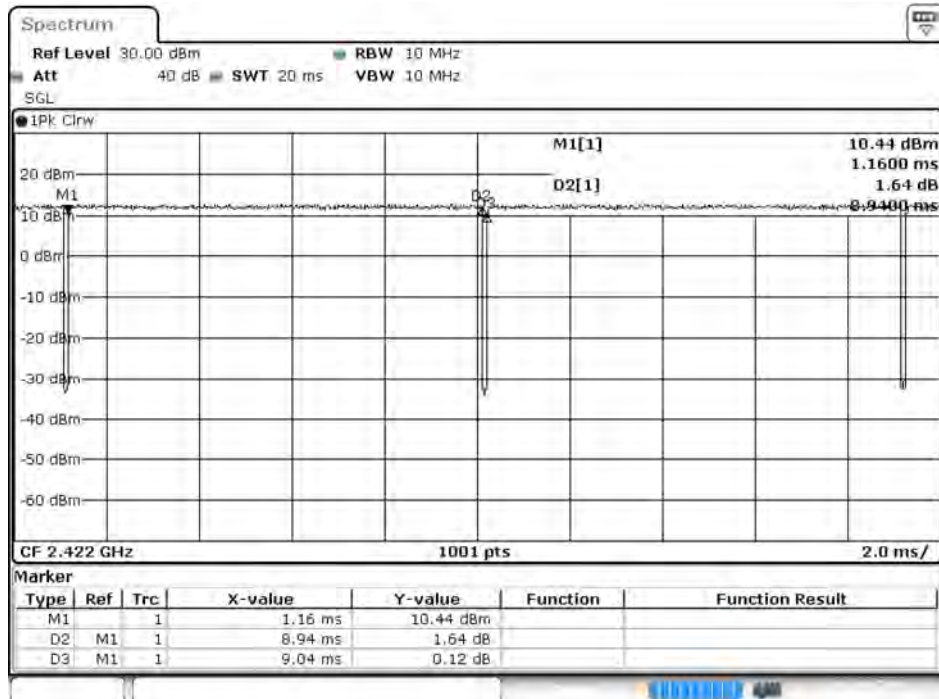


### 802.11n20- MIMO



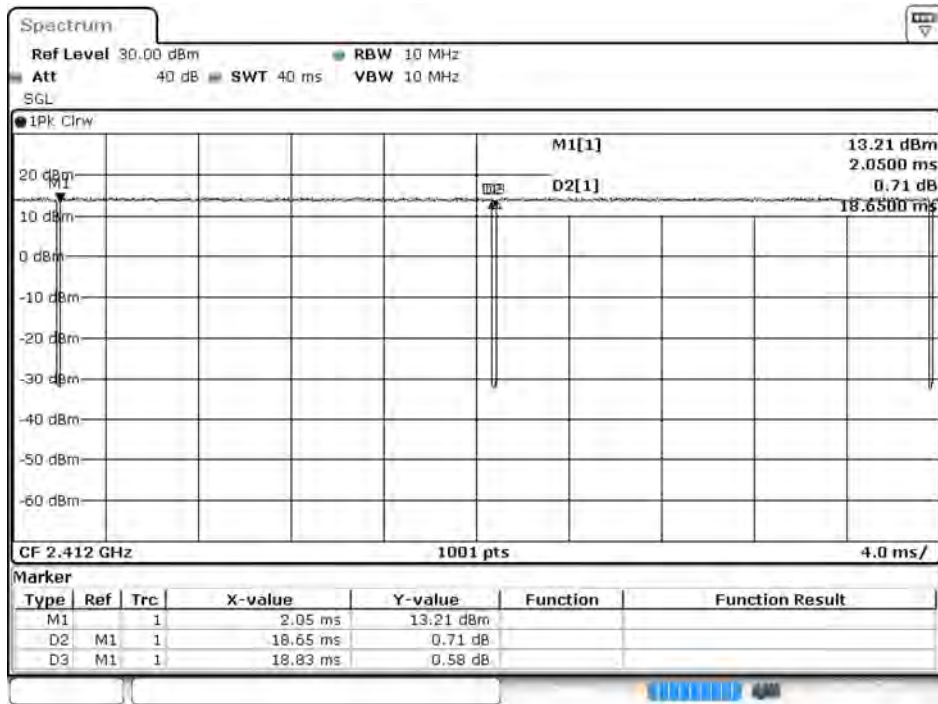
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### 802.11n40- MIMO



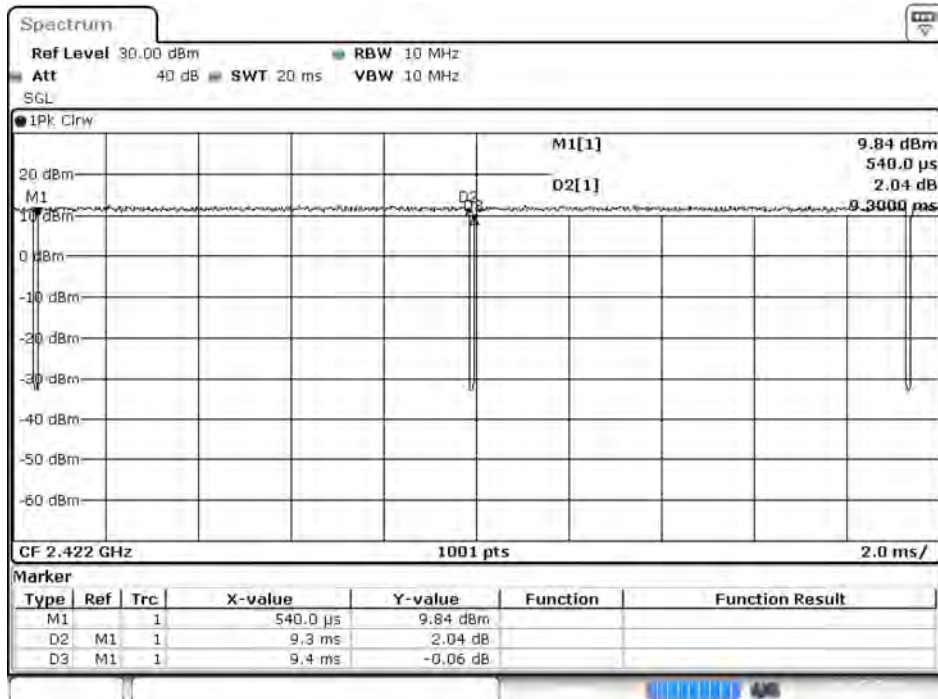
Date: 14 FEB.2022 17:56:33

802.11ax20- MIMO



Date: 14.FEB.2022 18:00:57

802.11ax40- MIMO



Date: 15.FEB.2022 09:41:37

## **6. EMI Reduction Method During Compliance Testing**

No modification was made during testing.