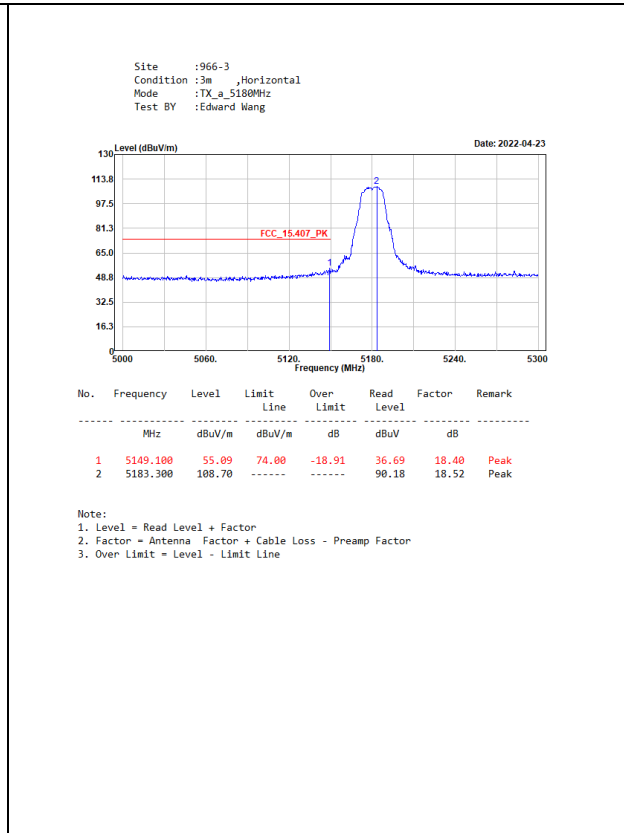
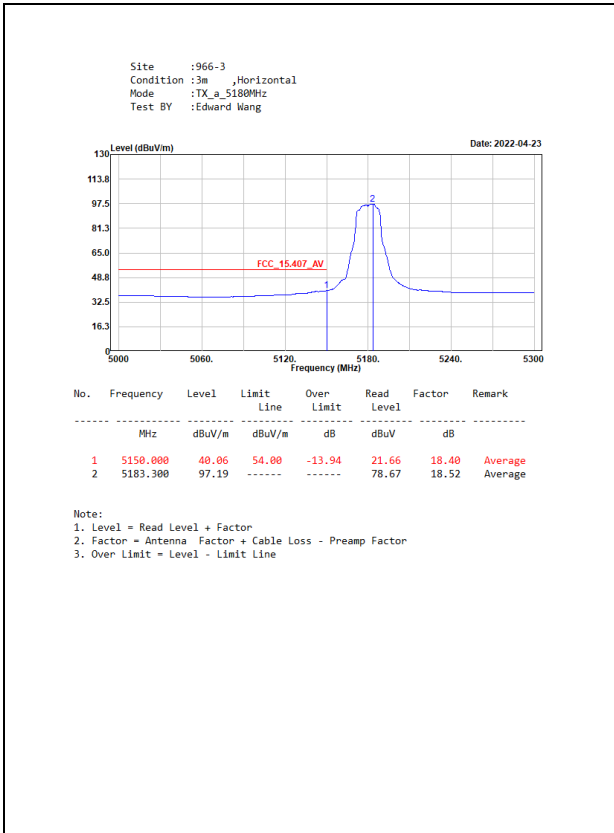
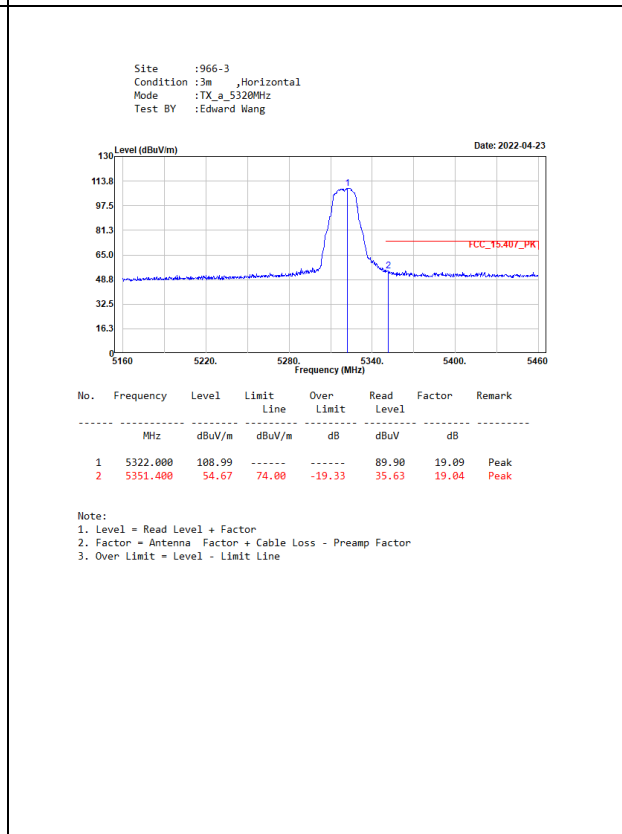
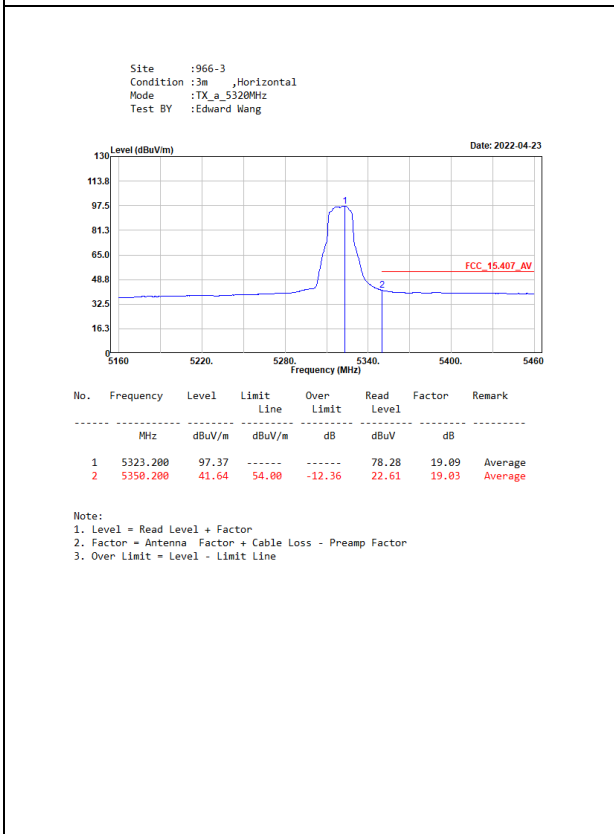
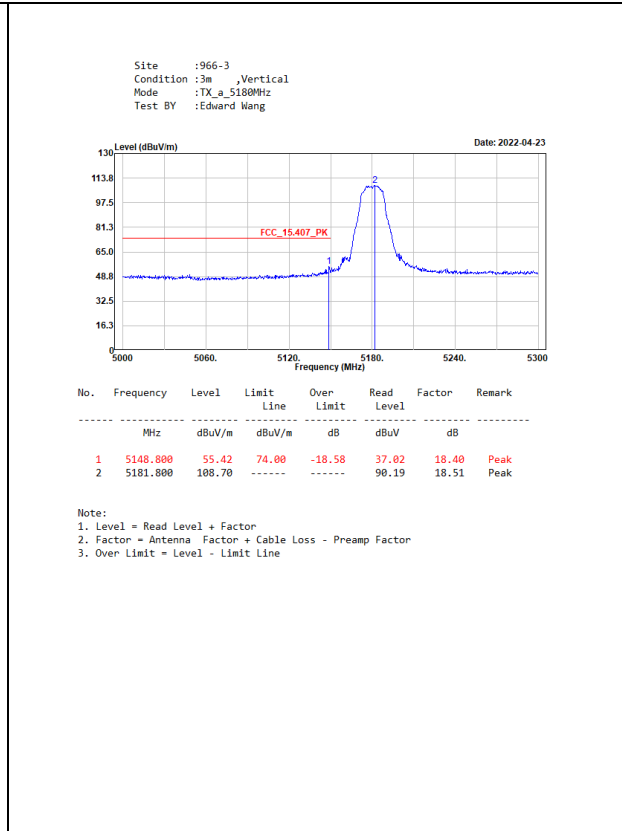
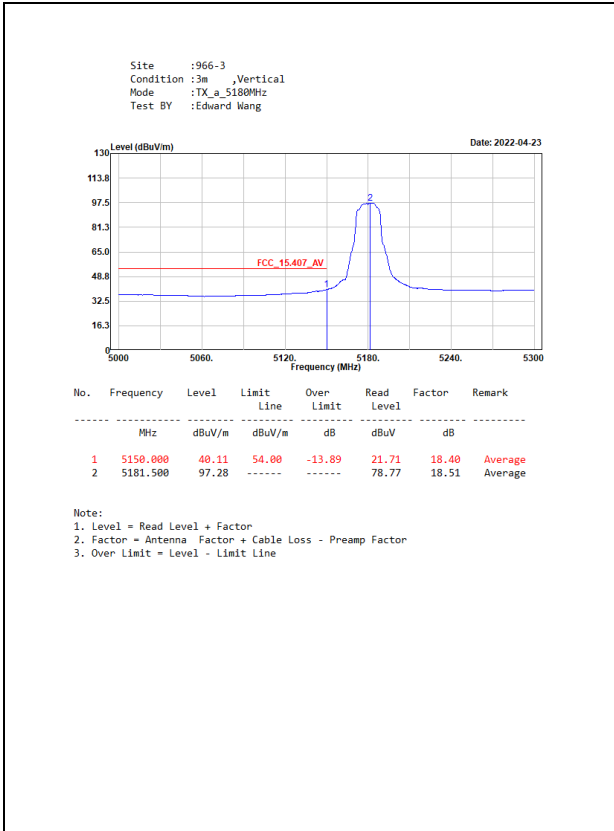
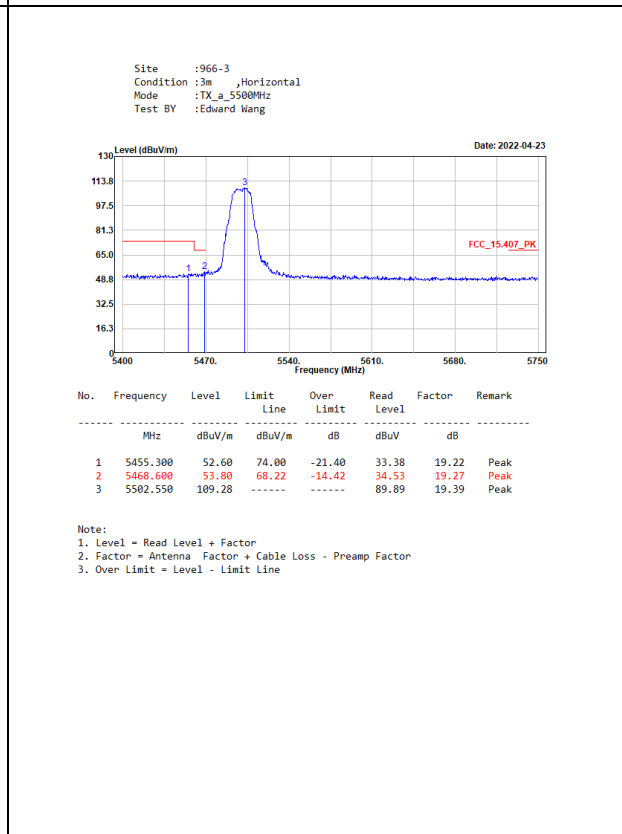
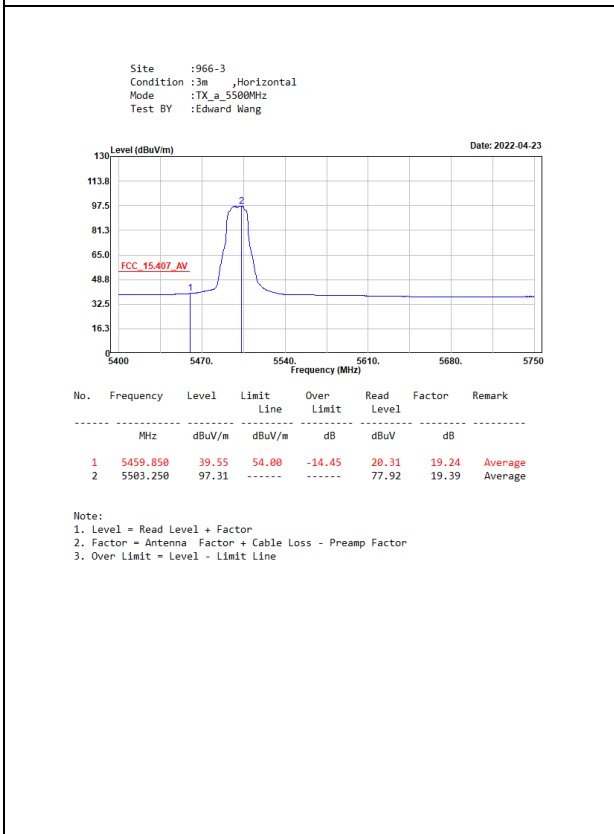
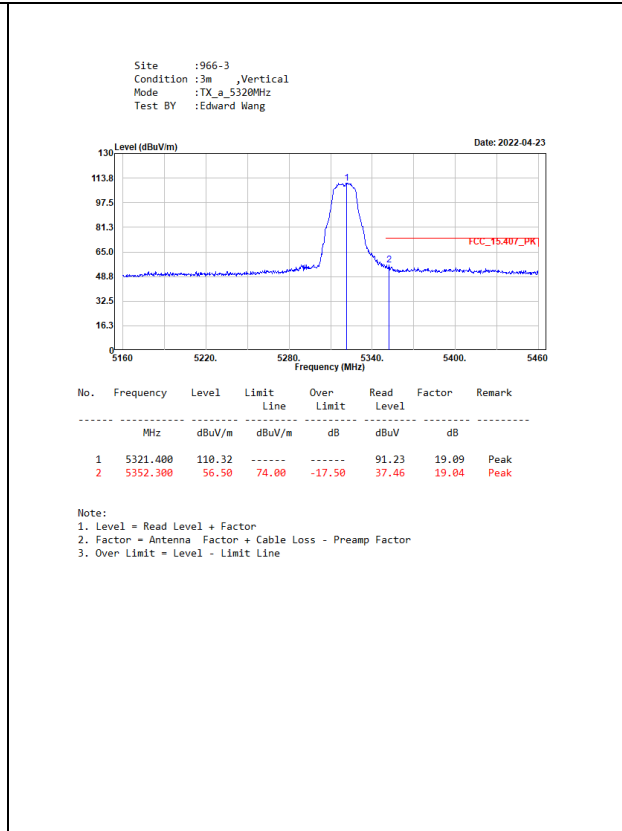
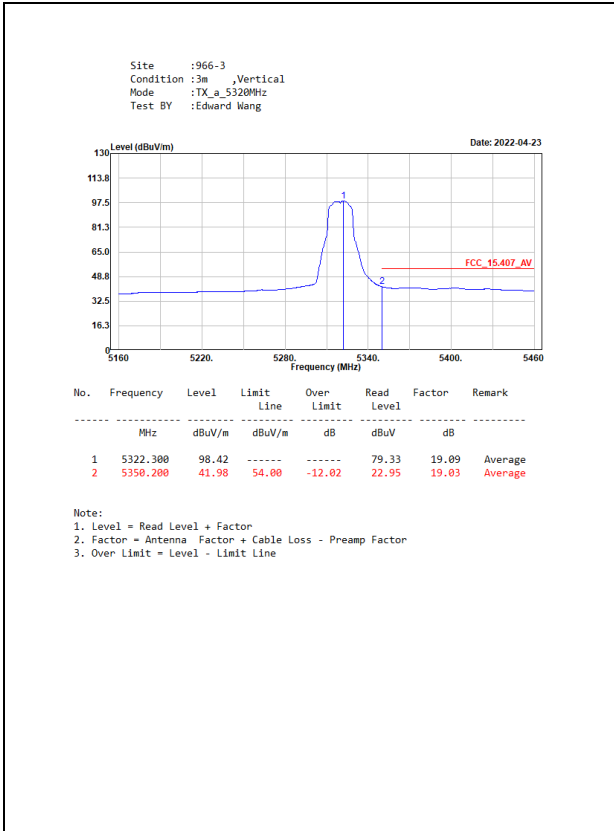
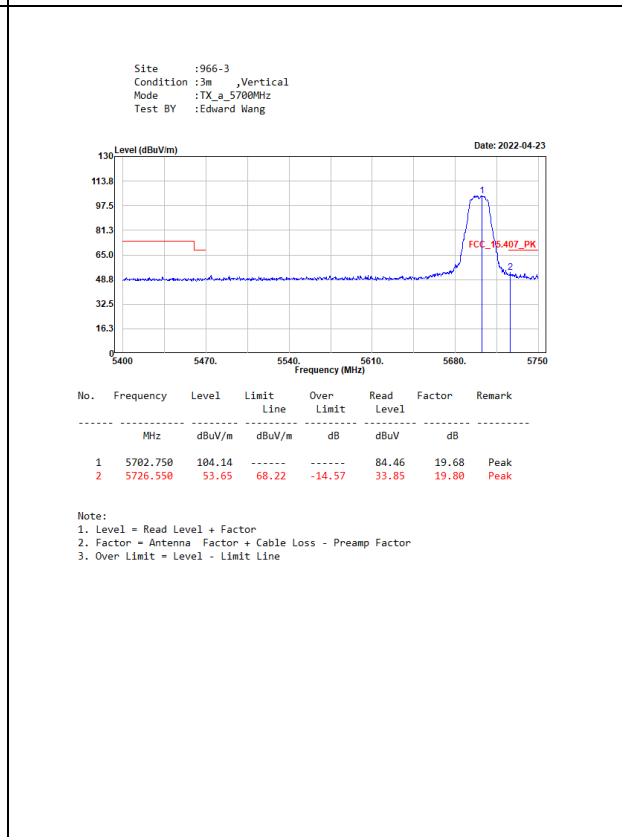
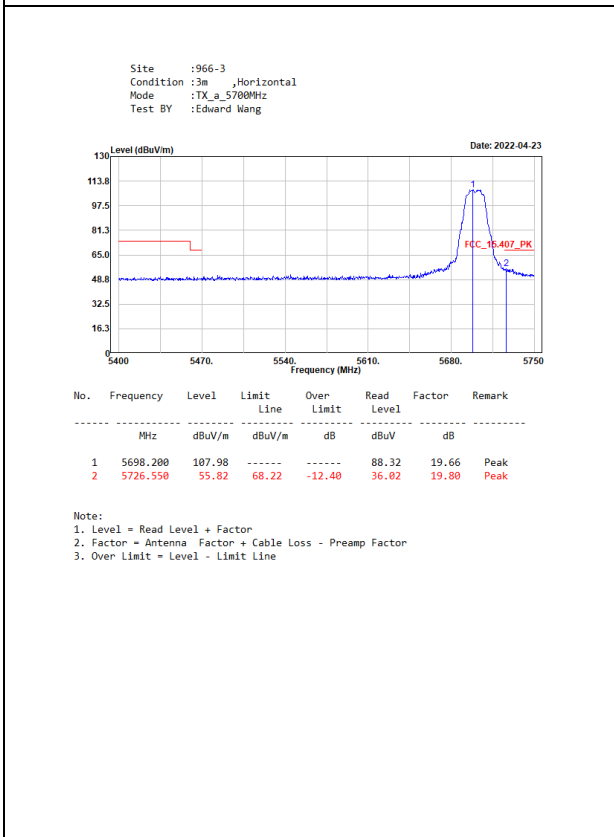
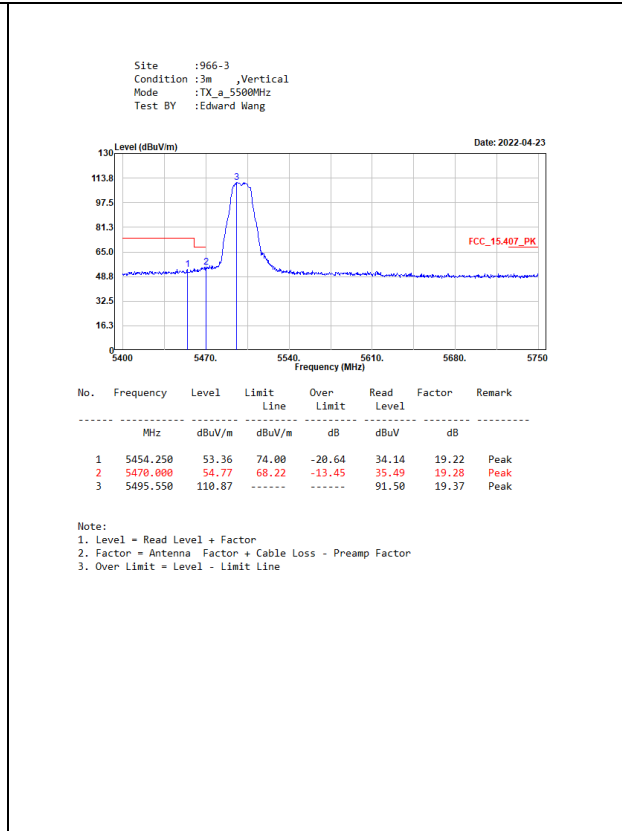
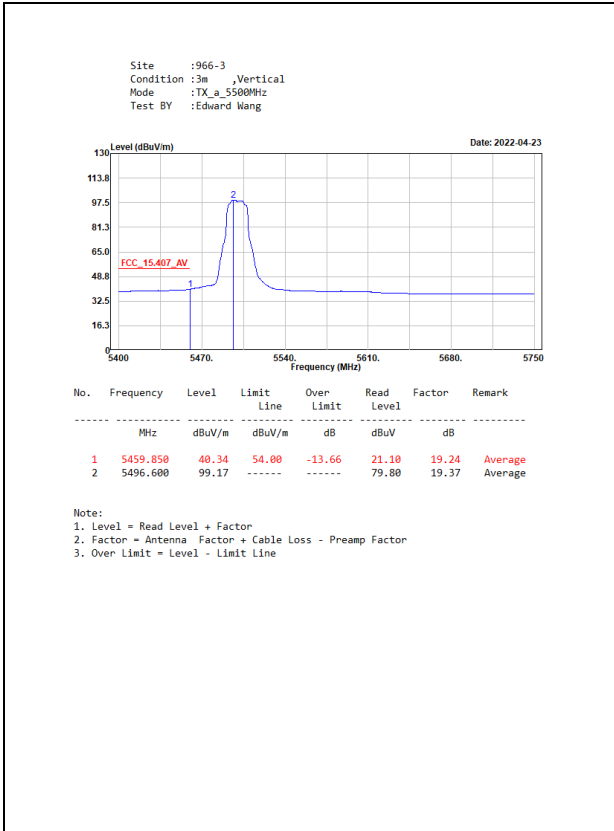


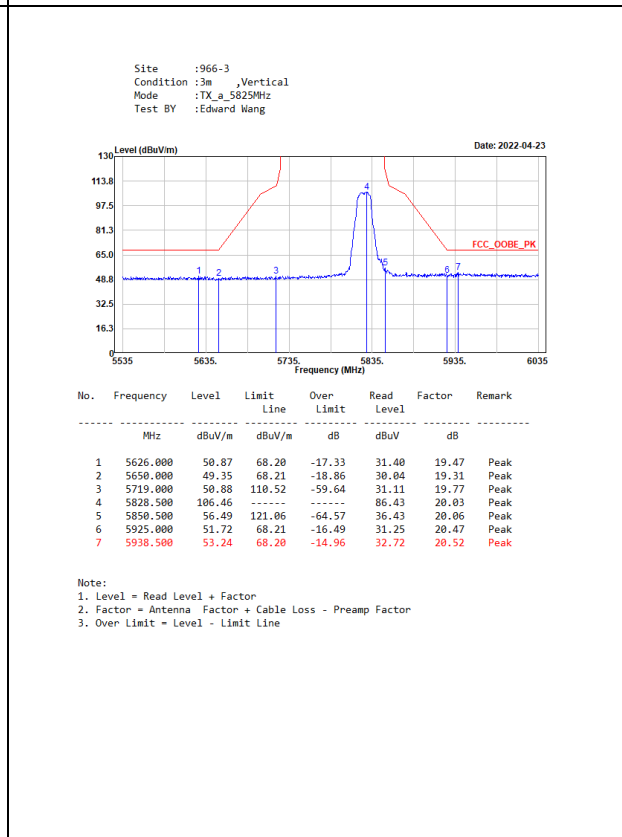
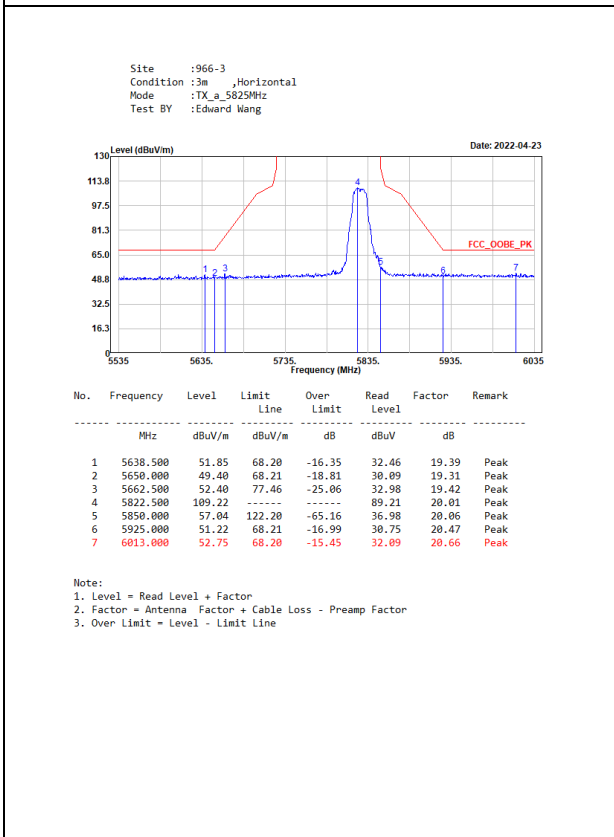
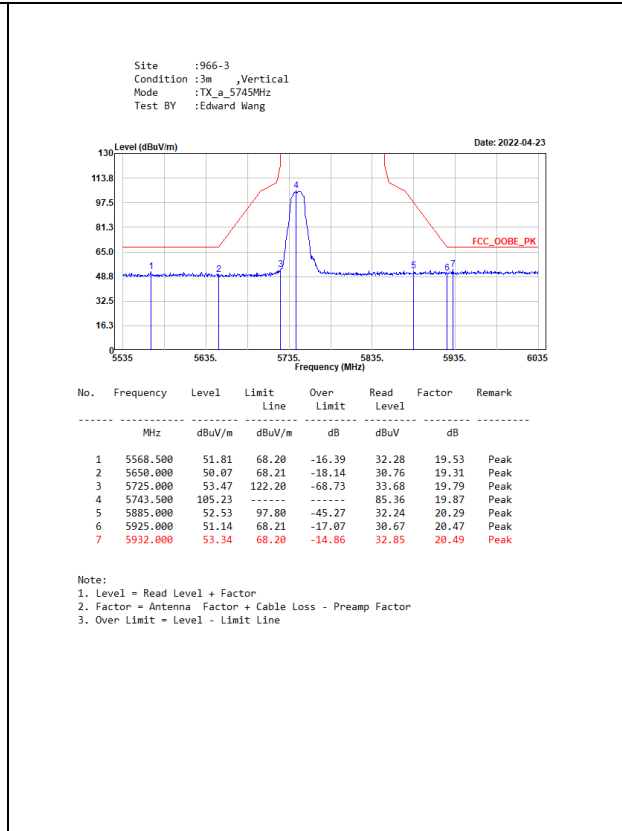
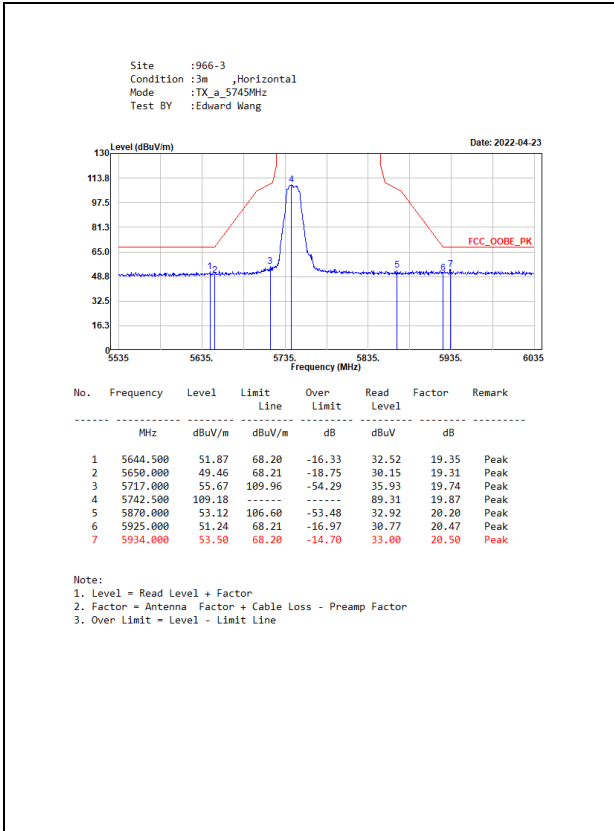
SISO B



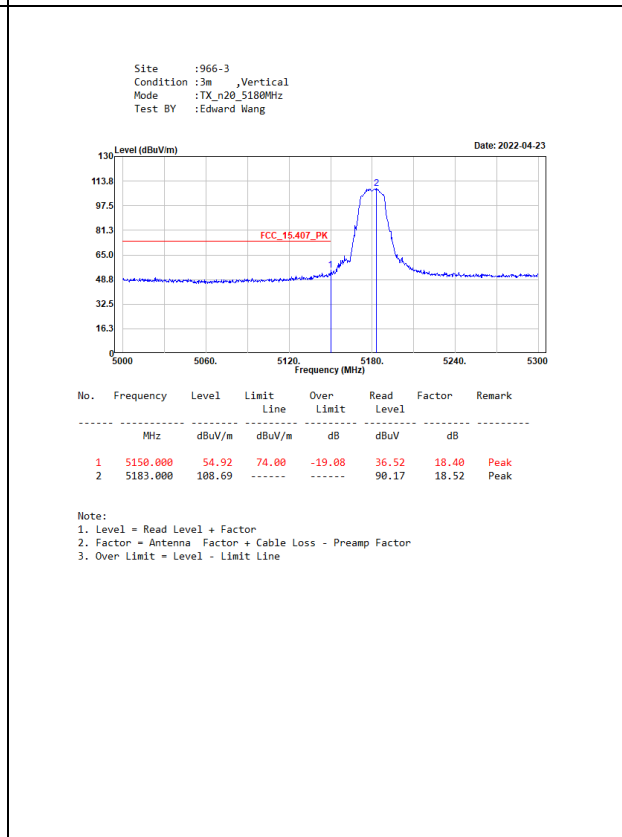
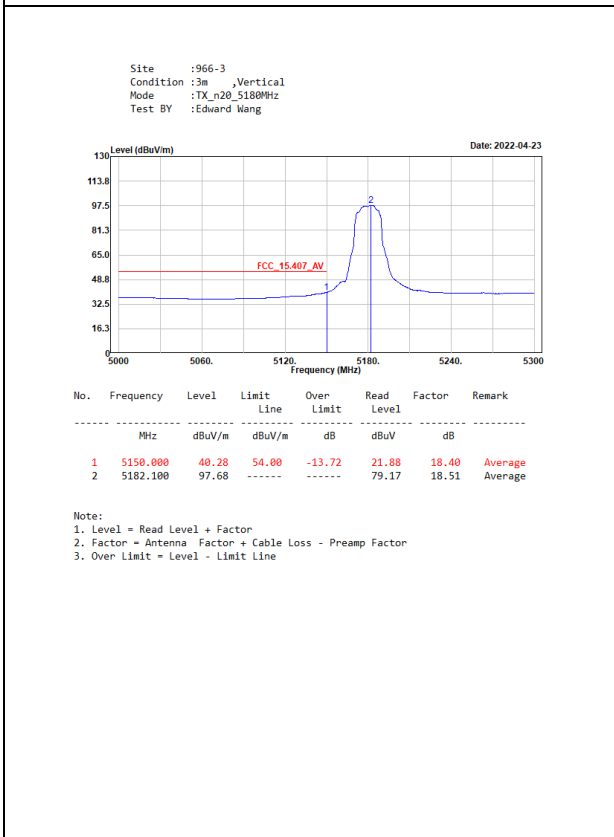
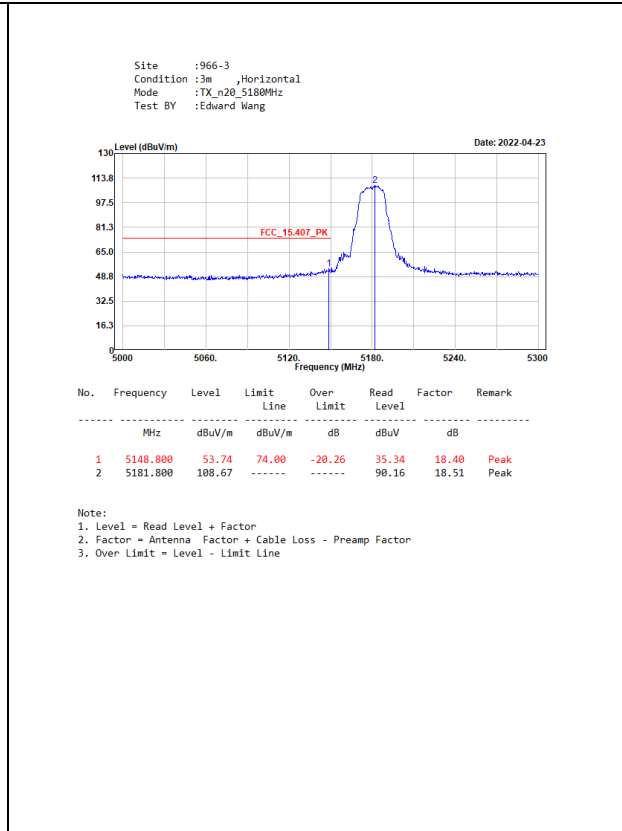
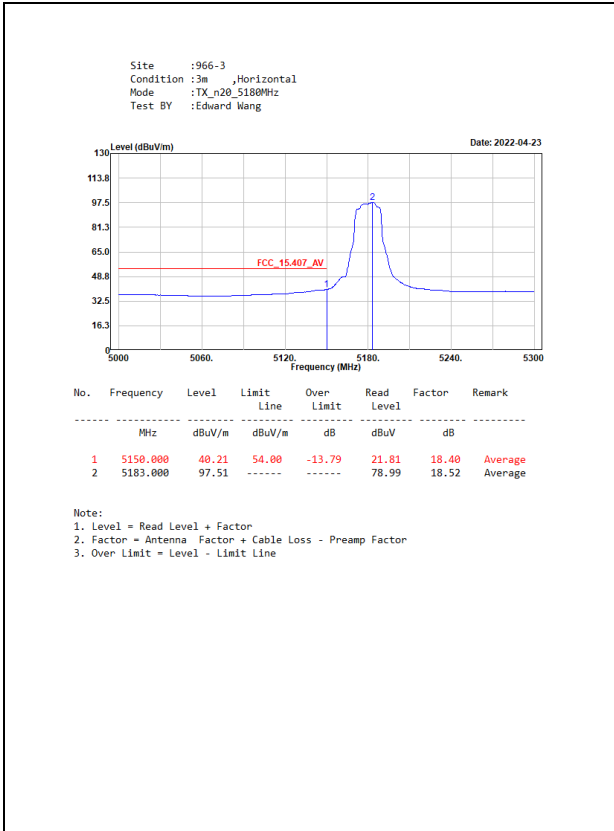


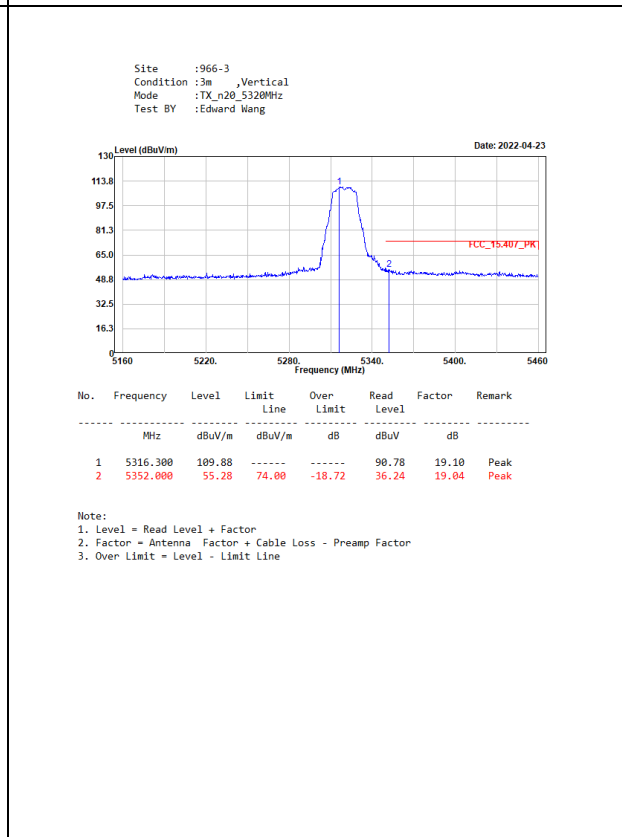
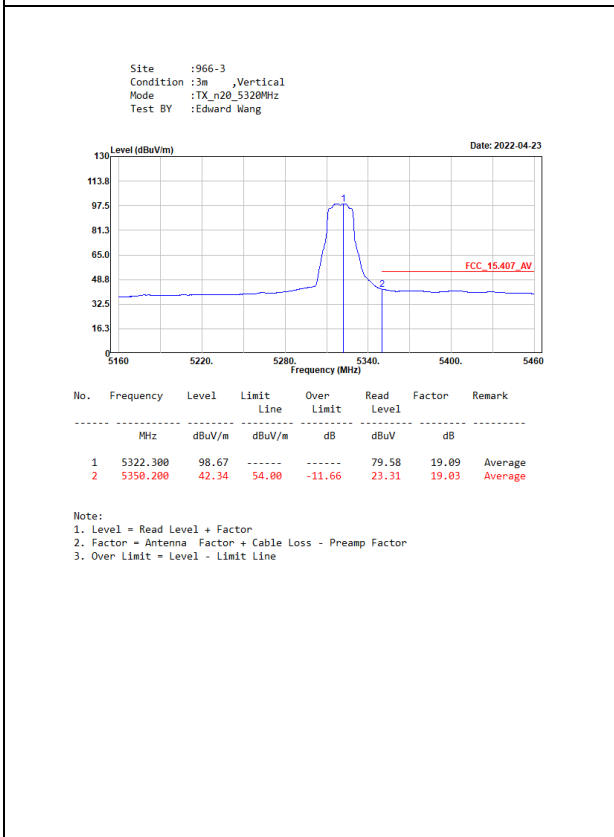
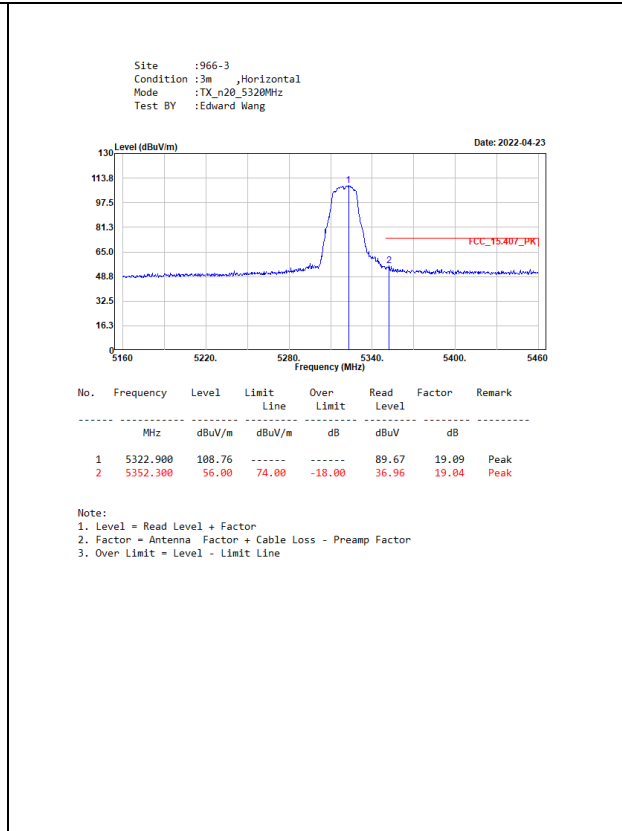
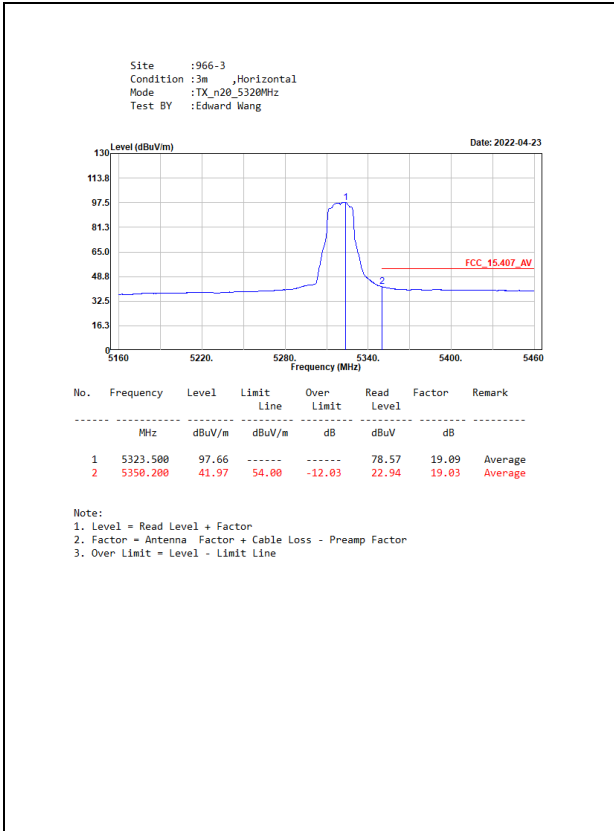


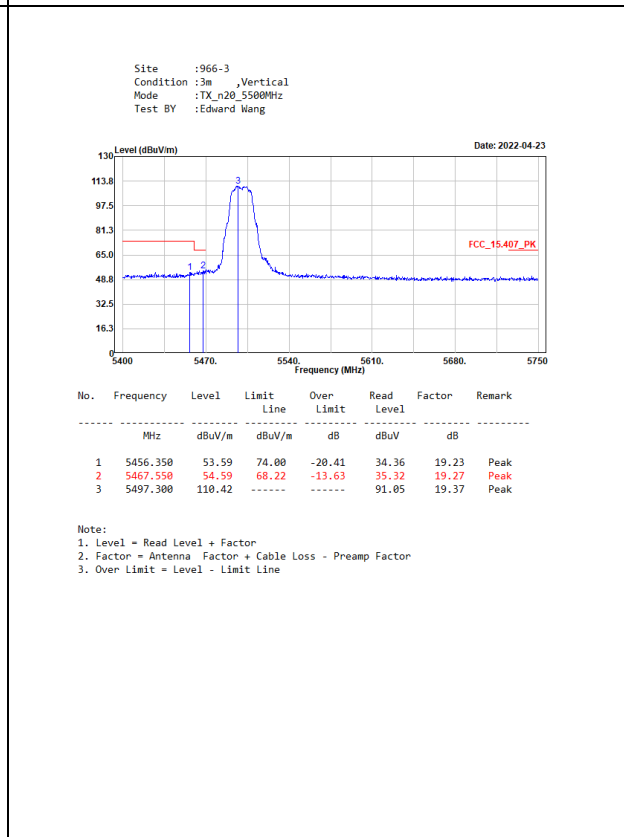
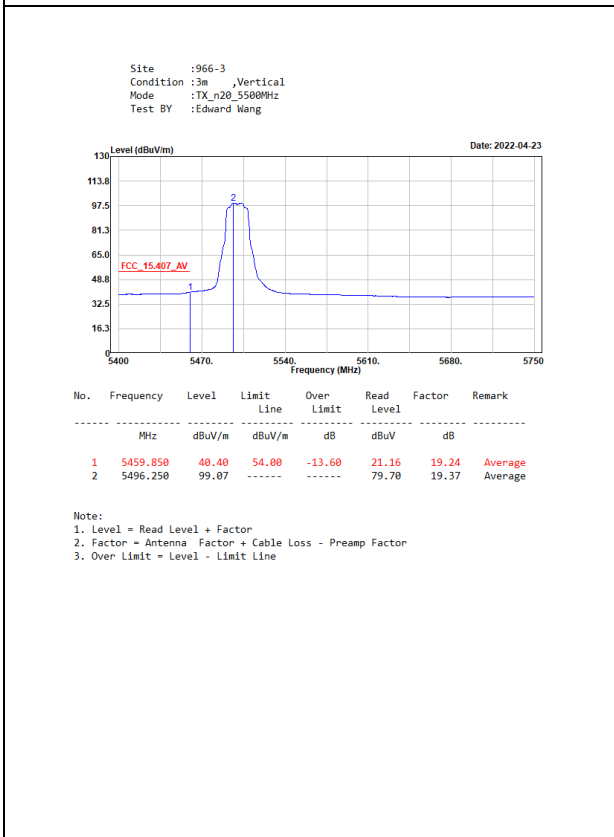
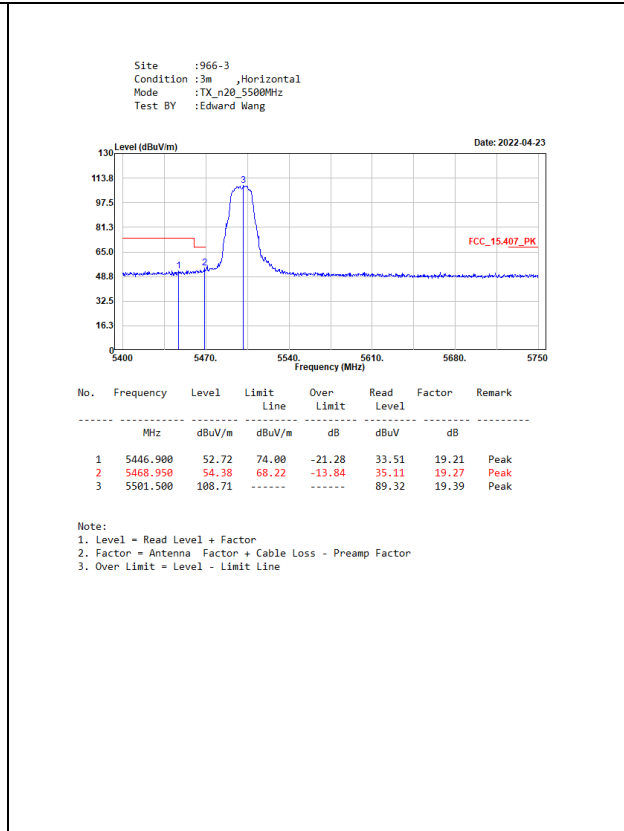
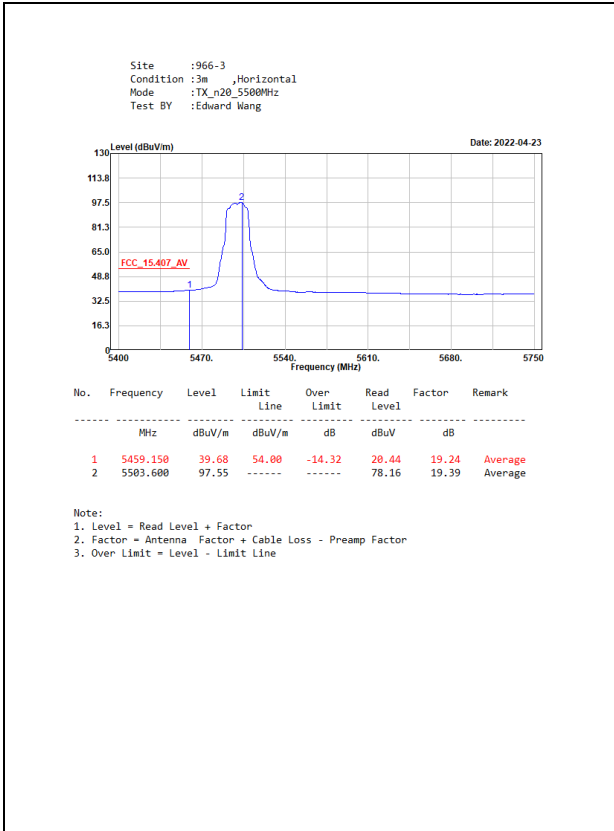


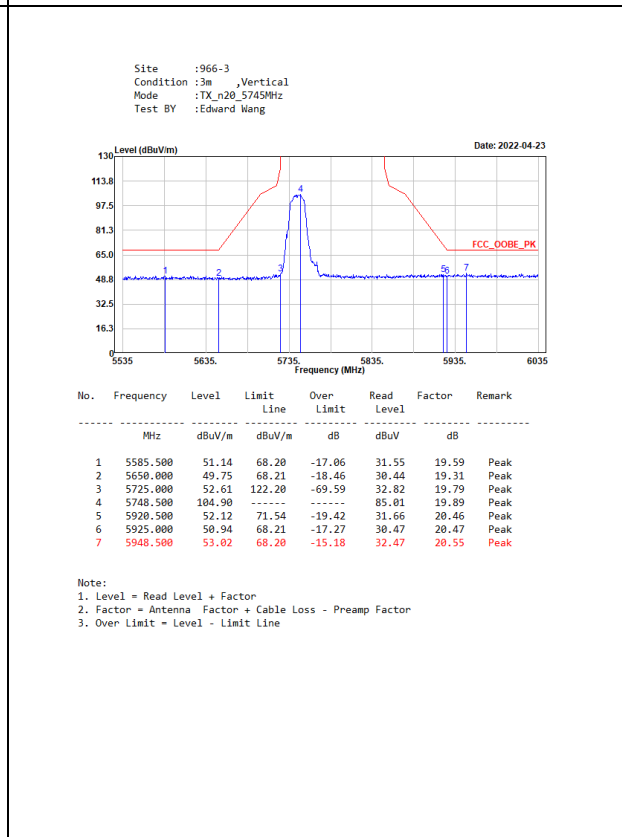
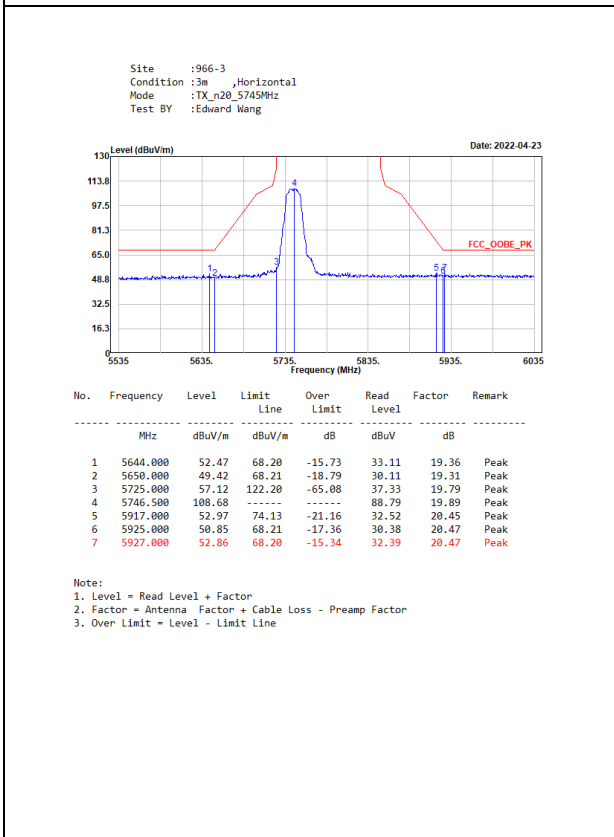
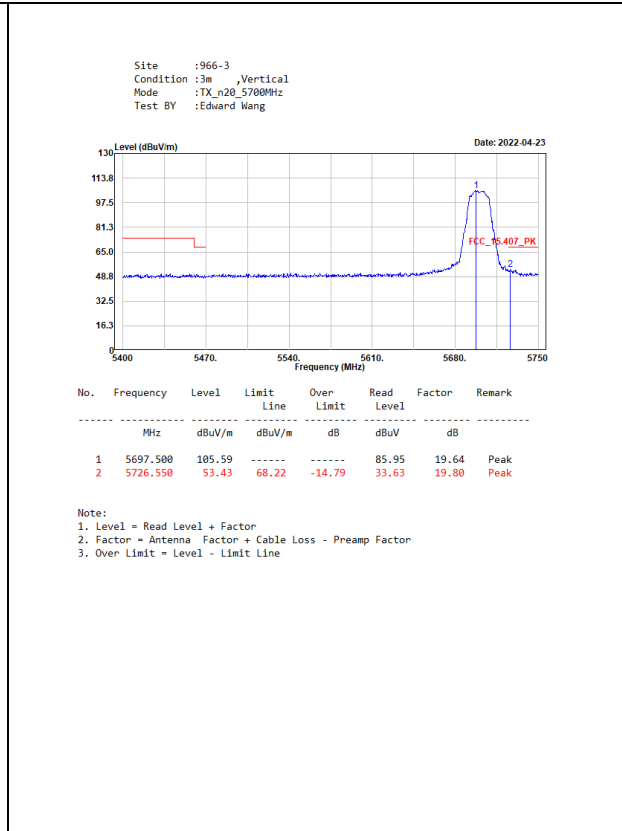
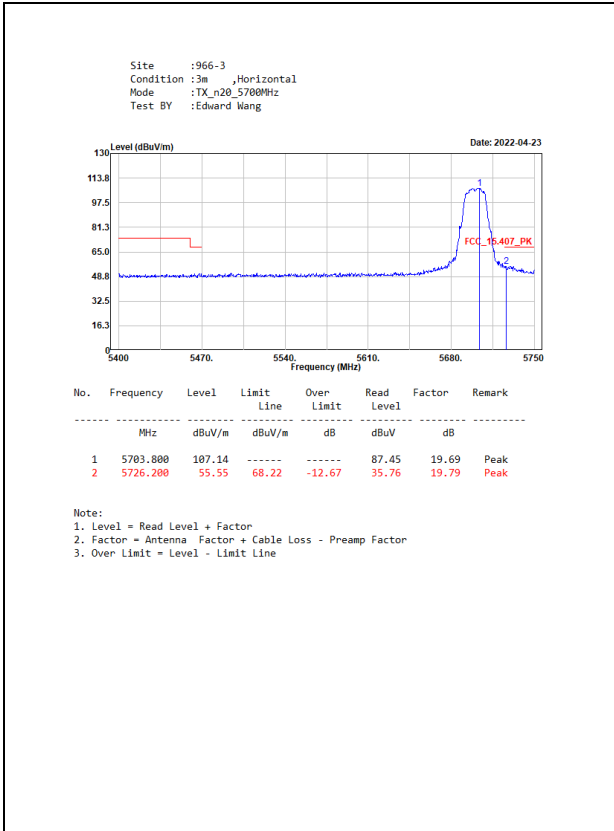


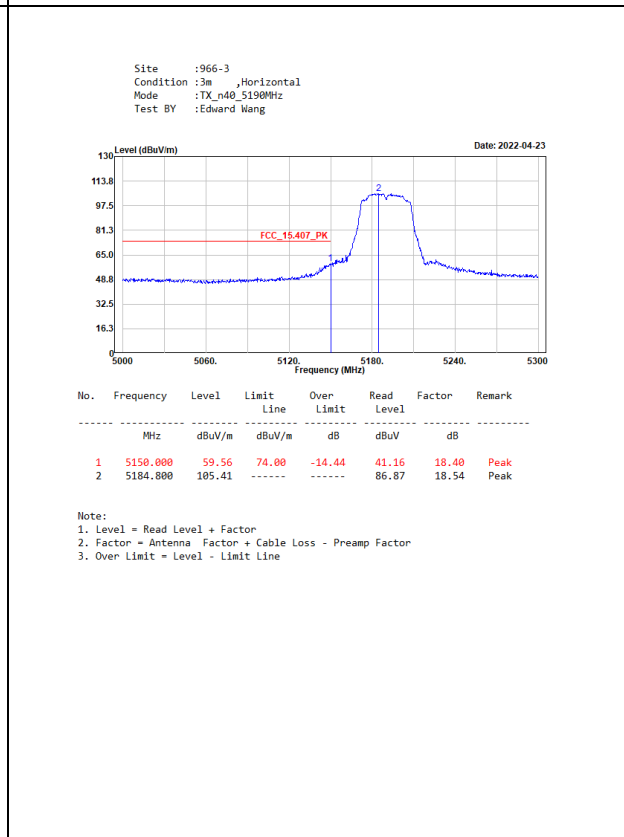
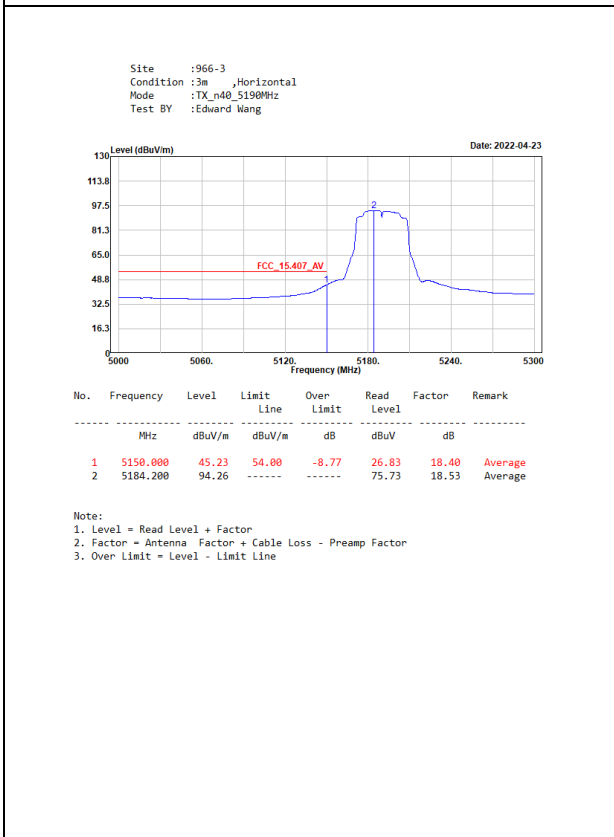
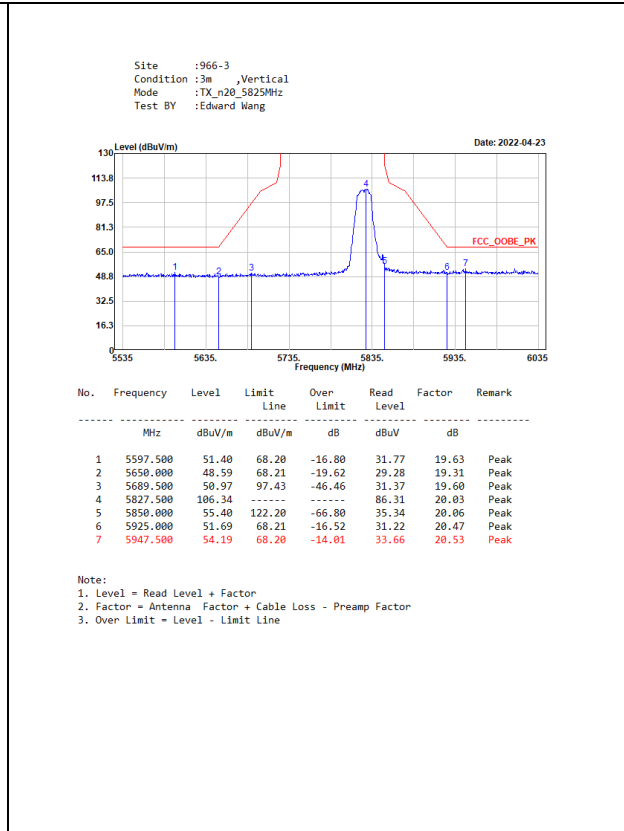
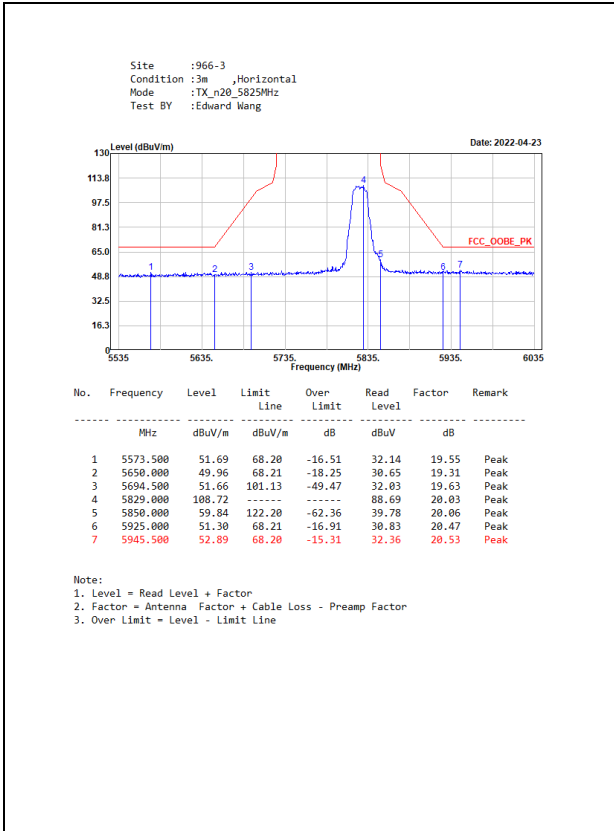


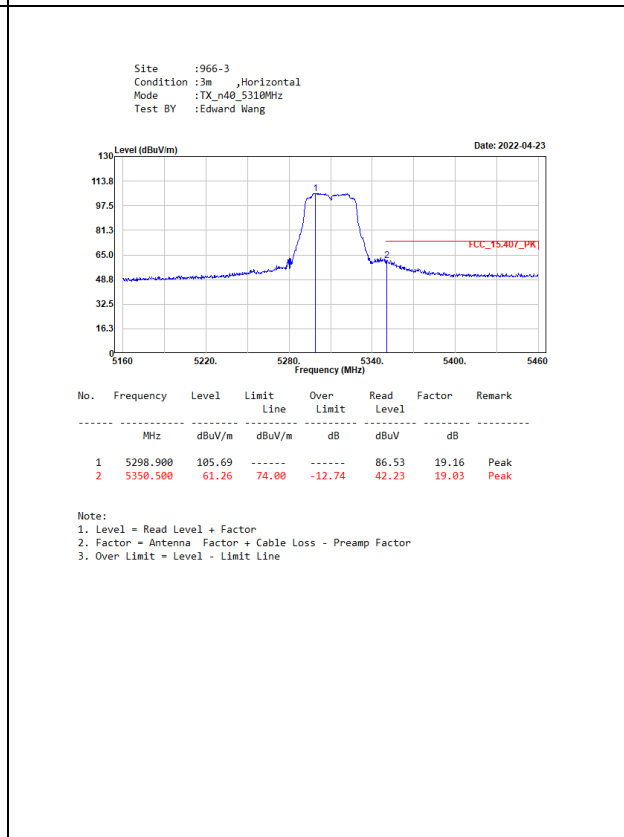
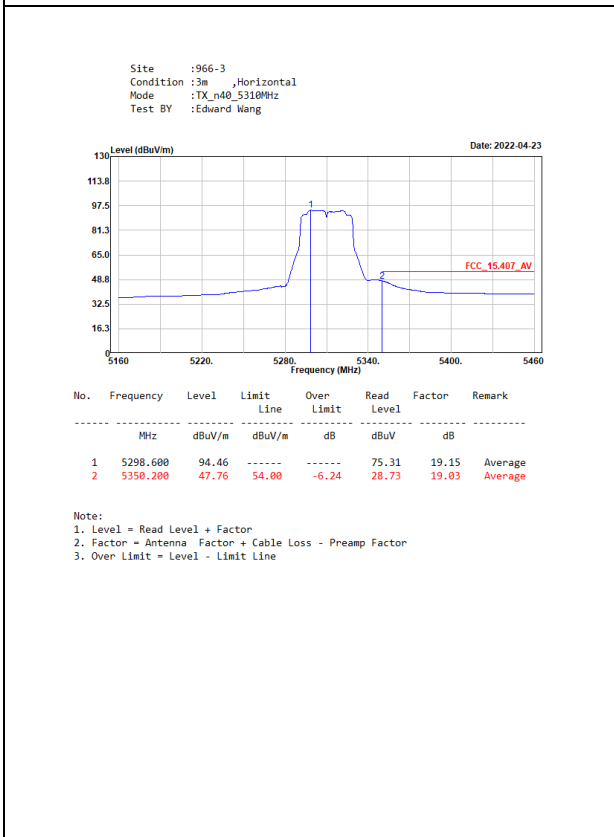
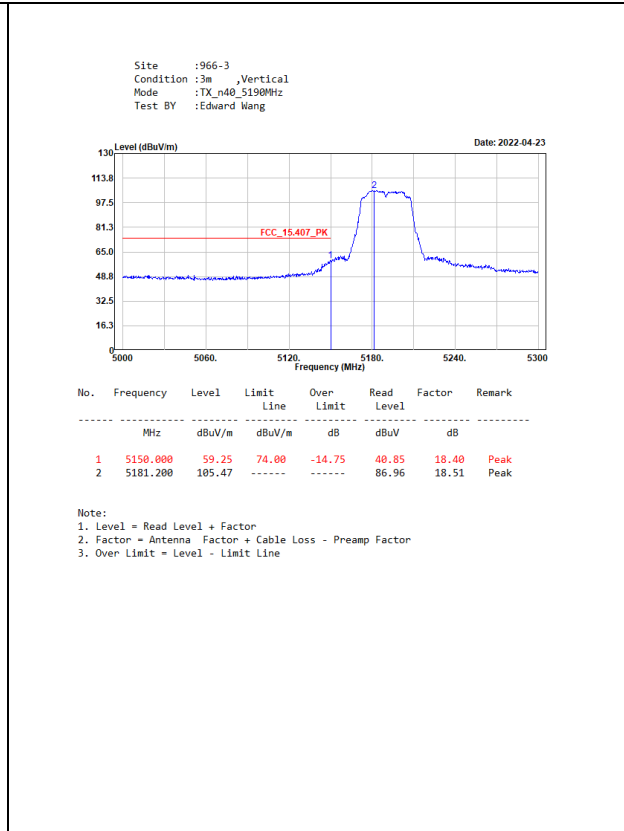
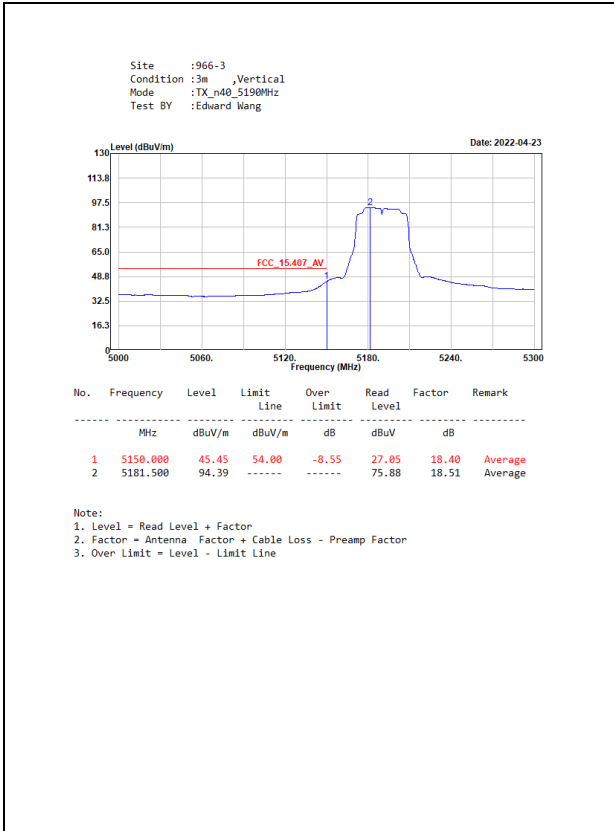


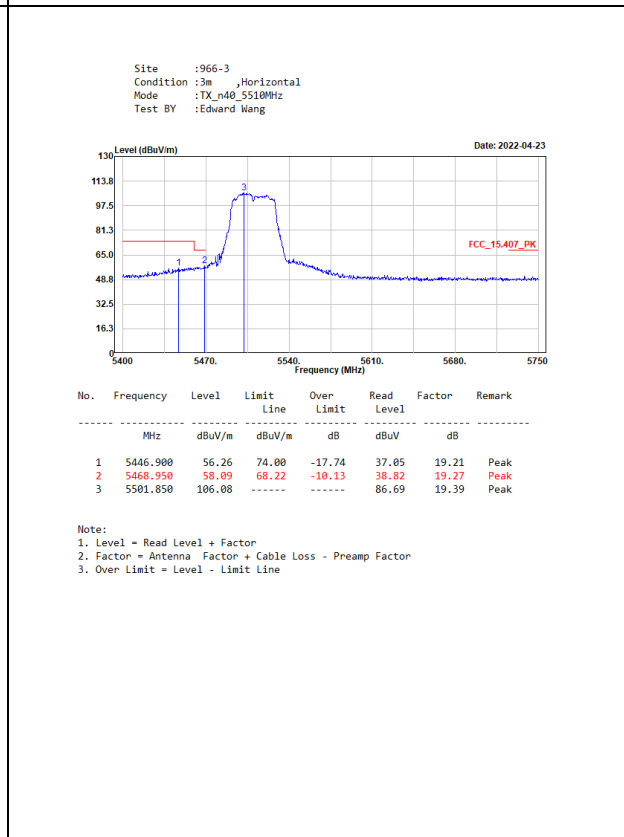
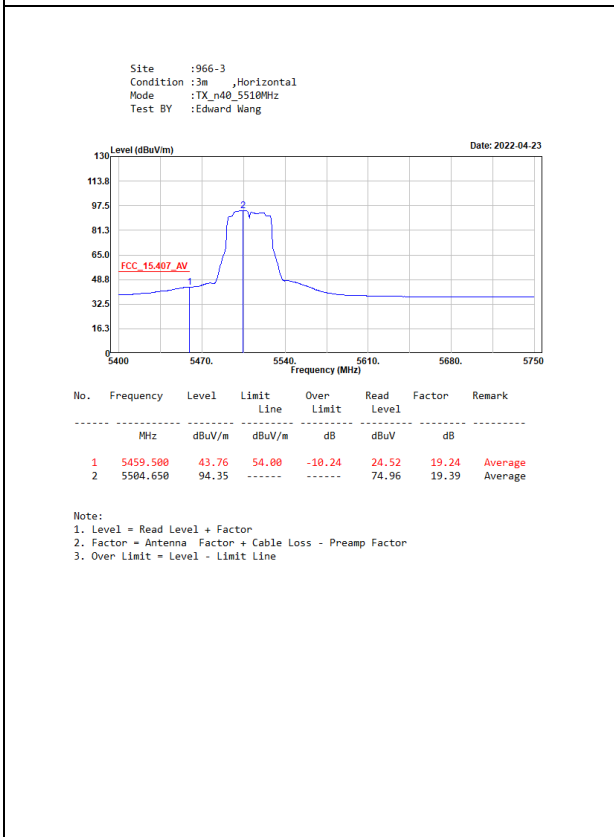
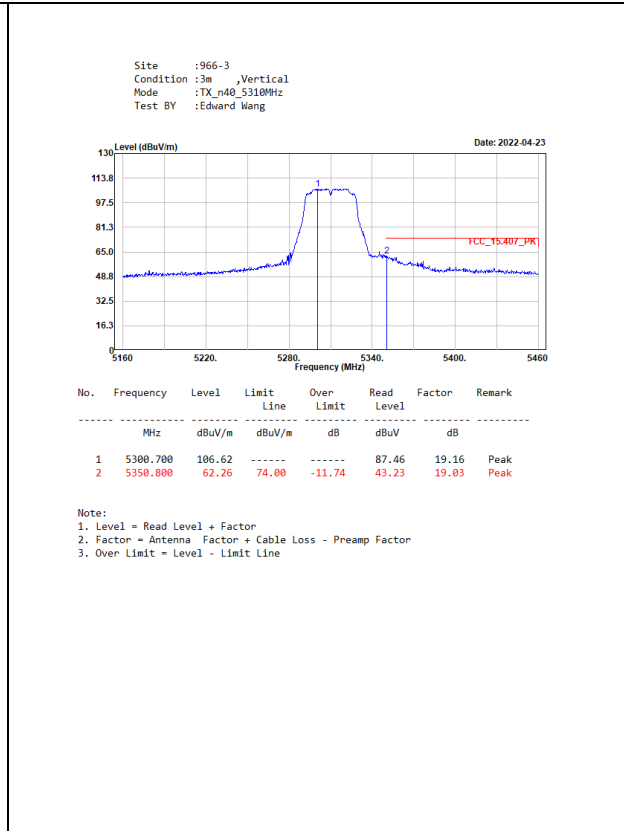
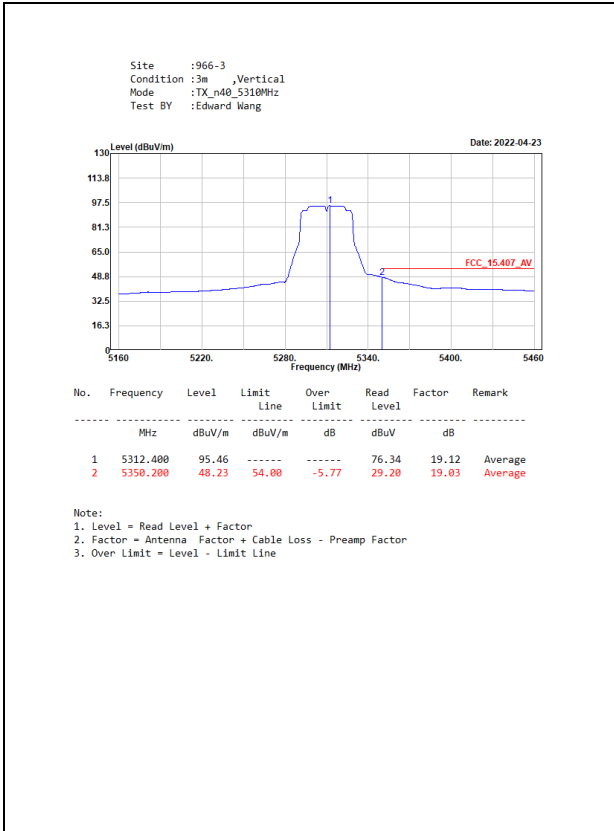


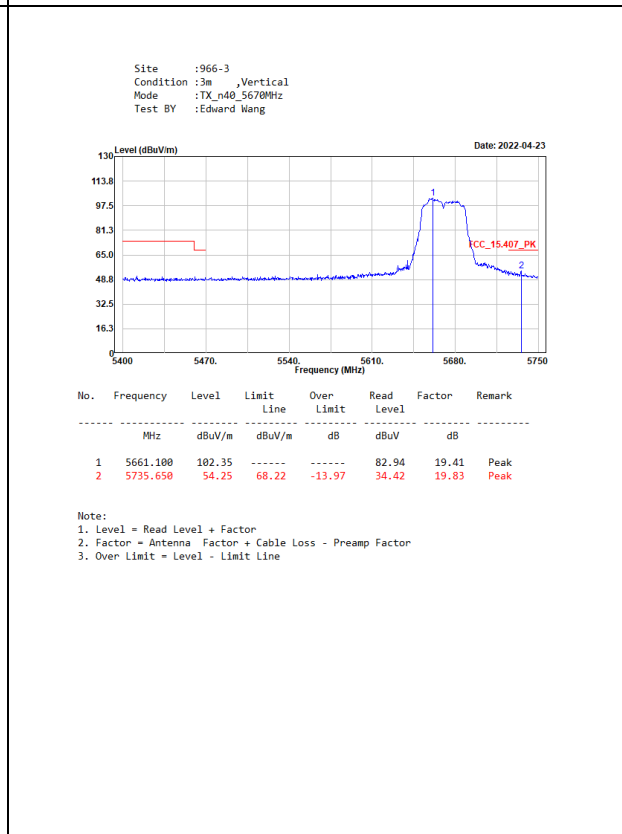
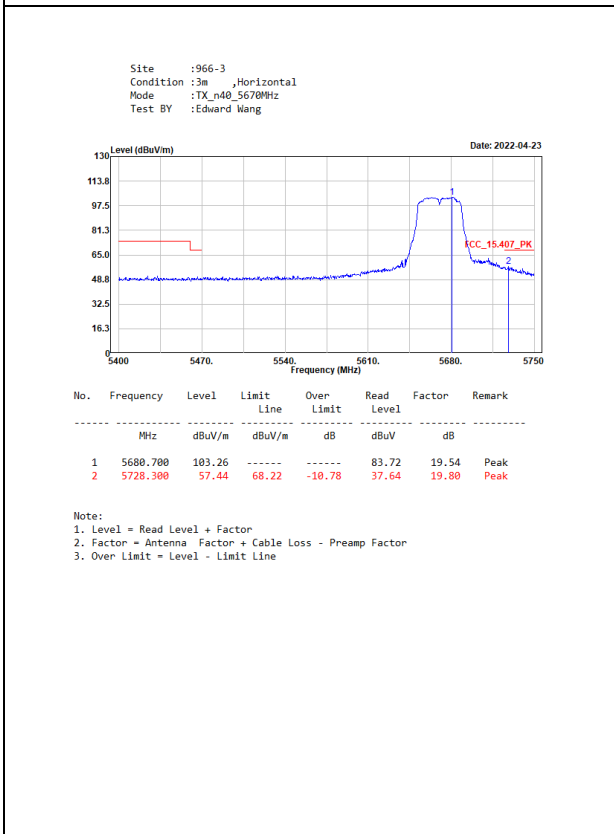
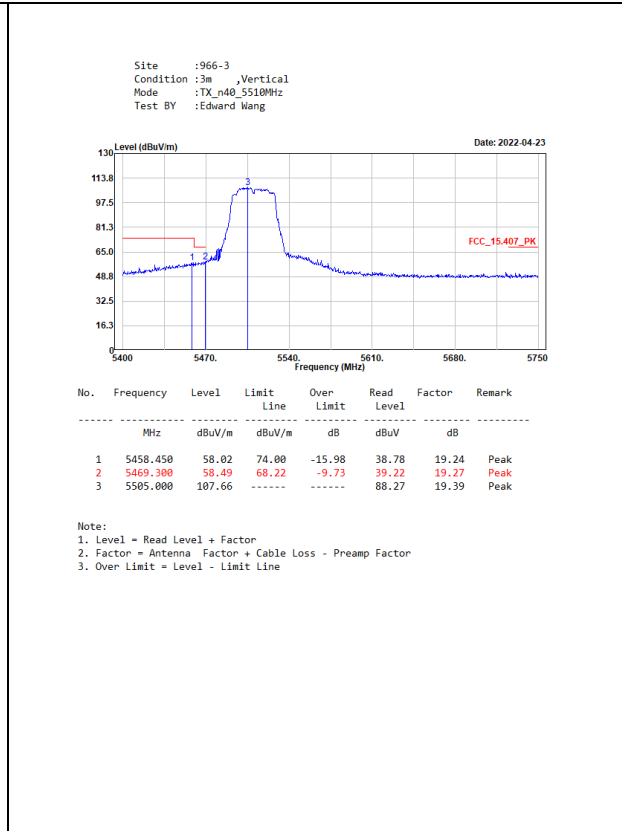
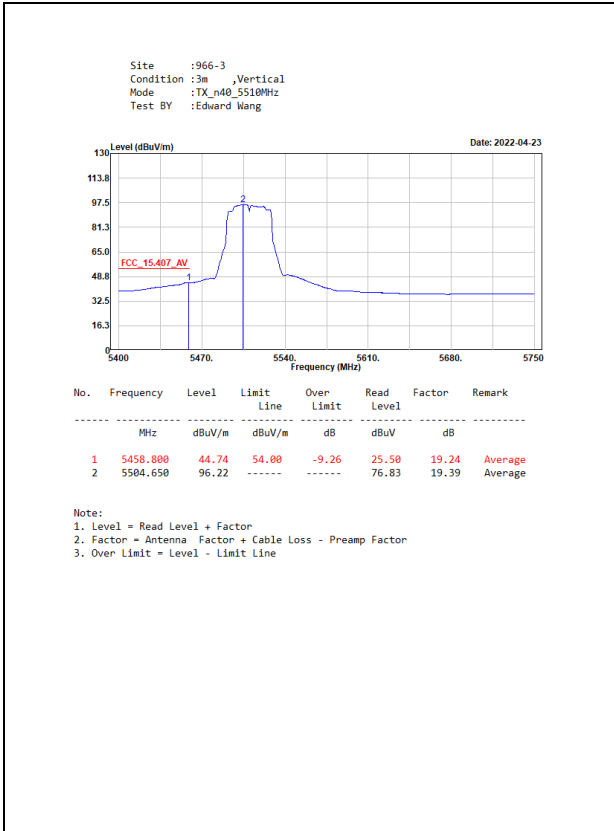




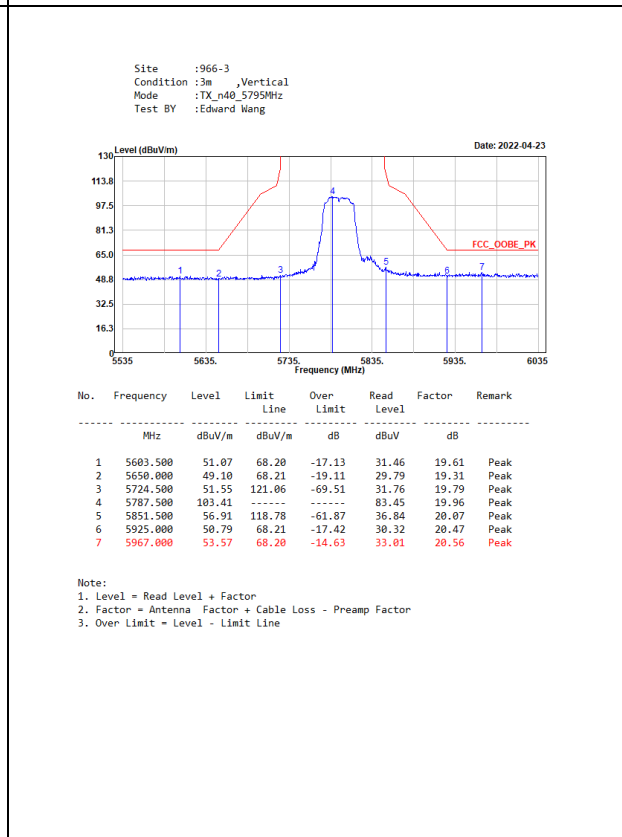
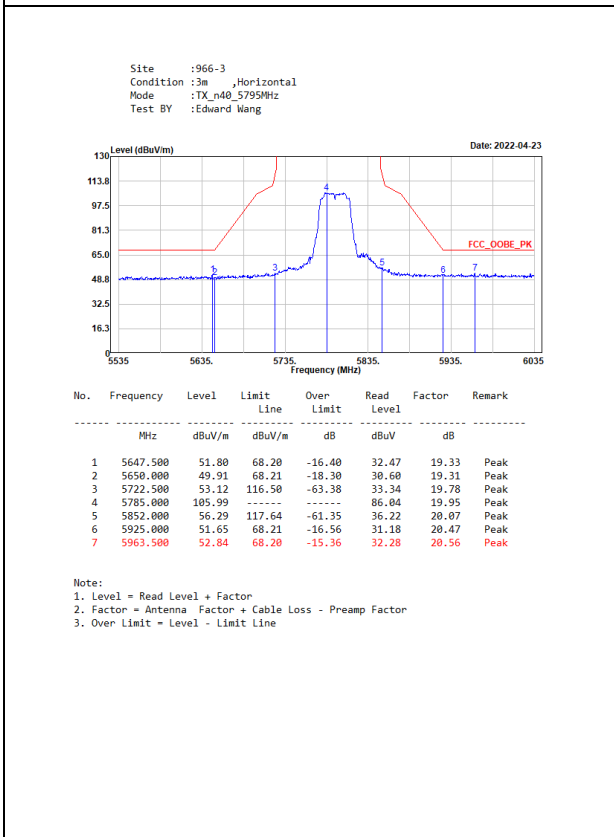
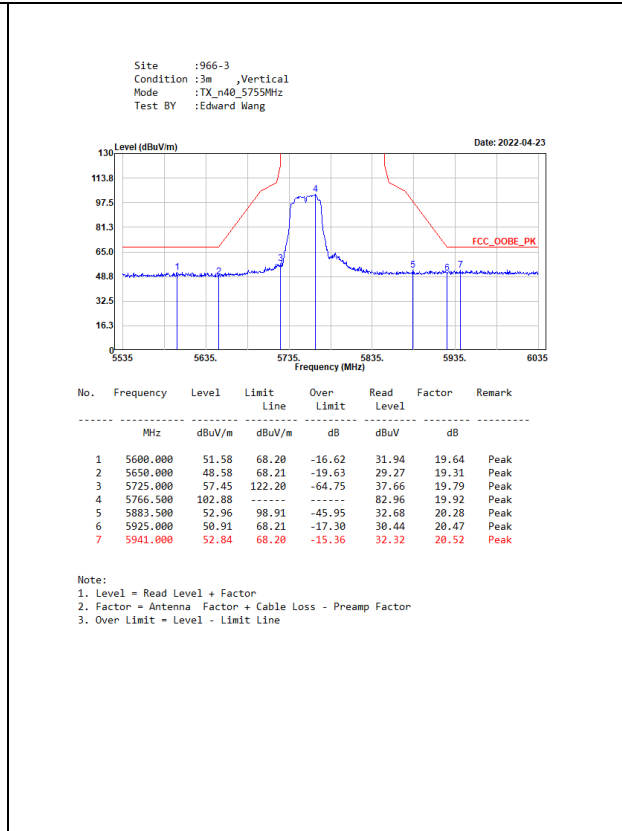
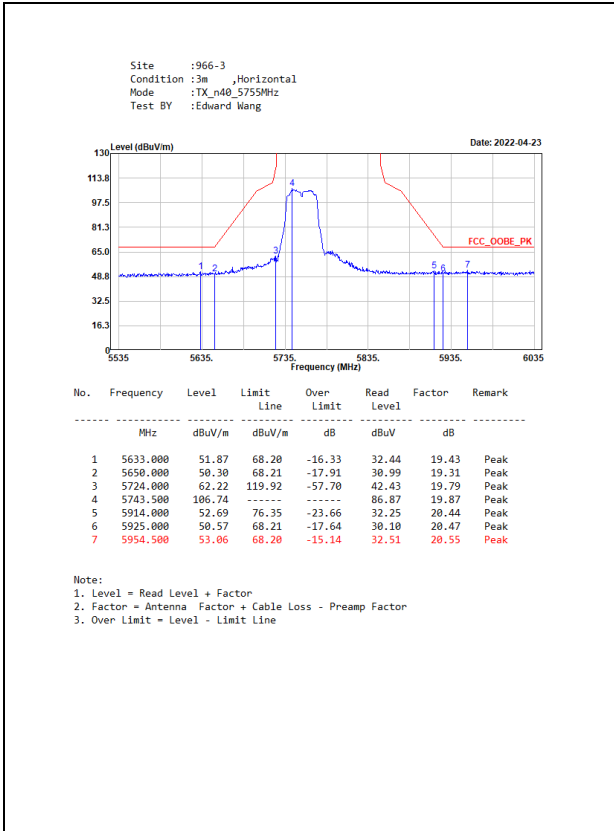


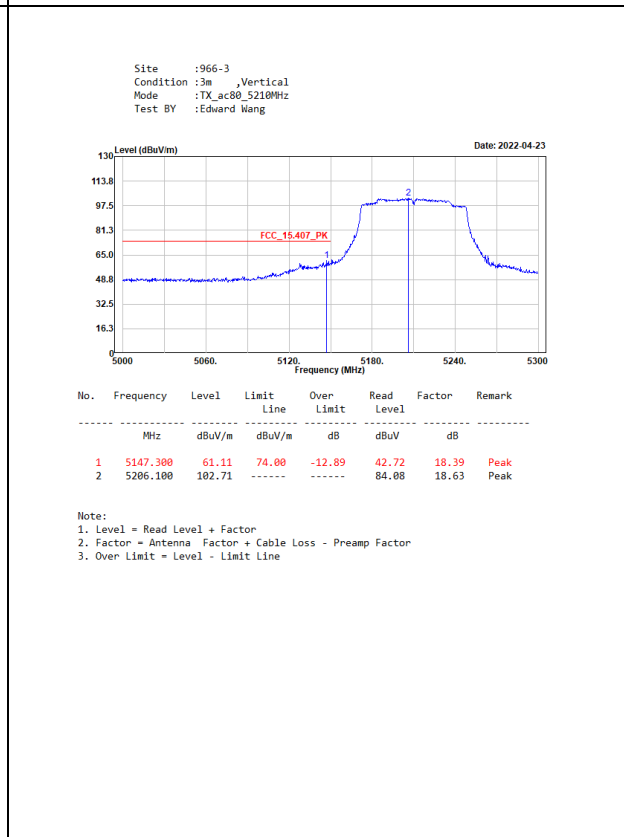
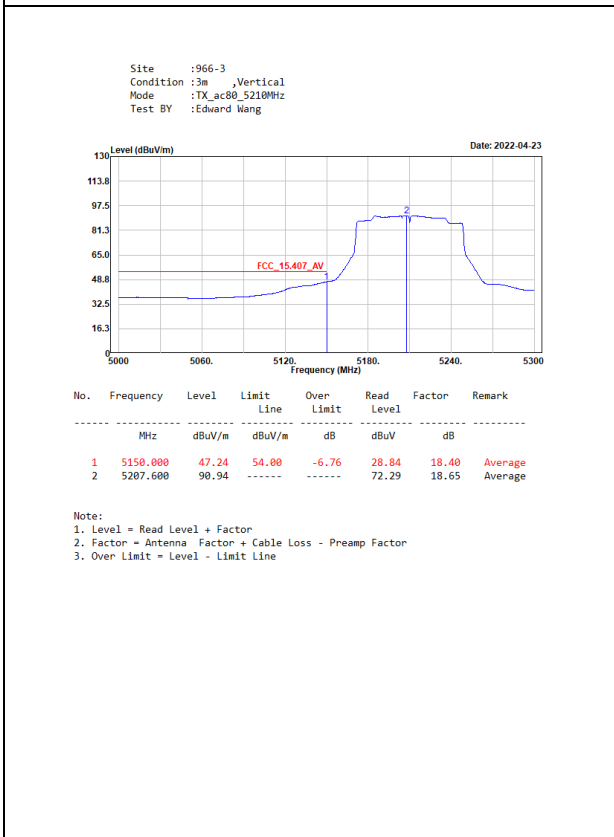
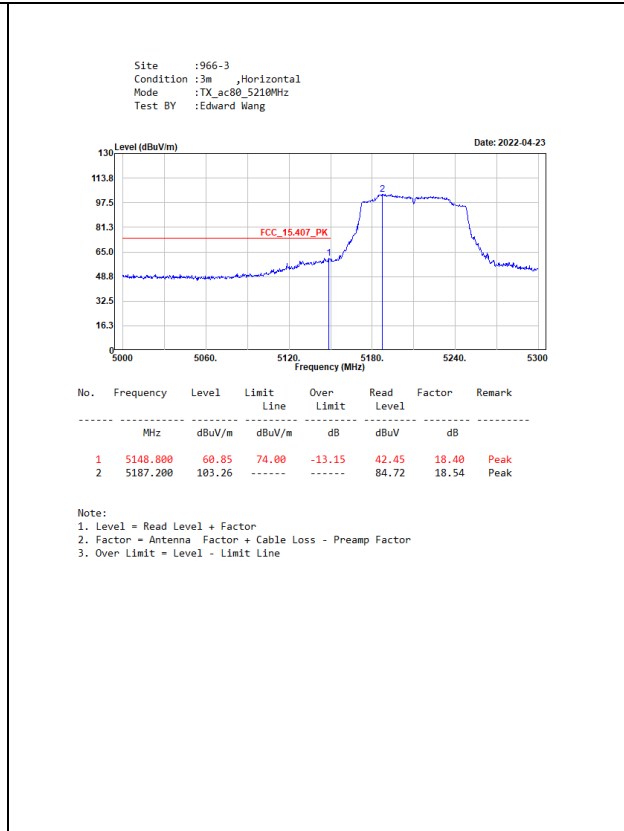
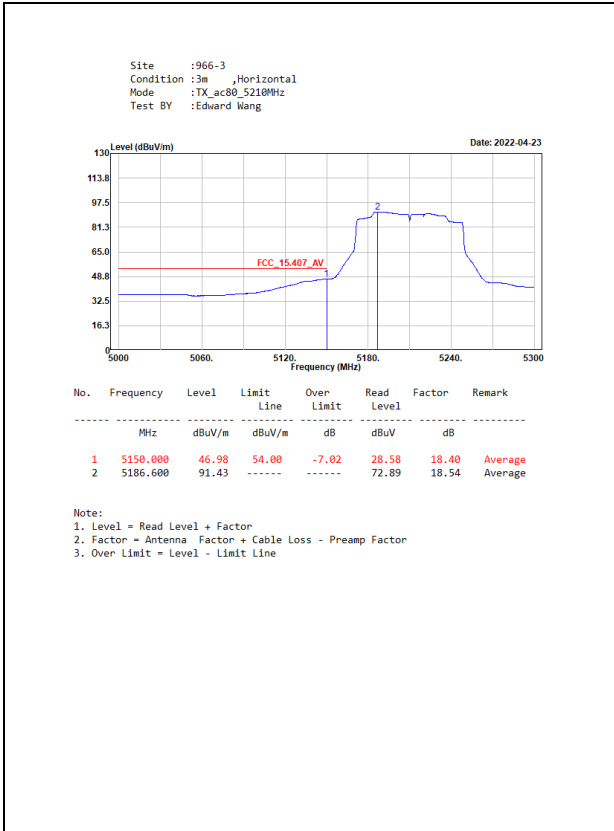


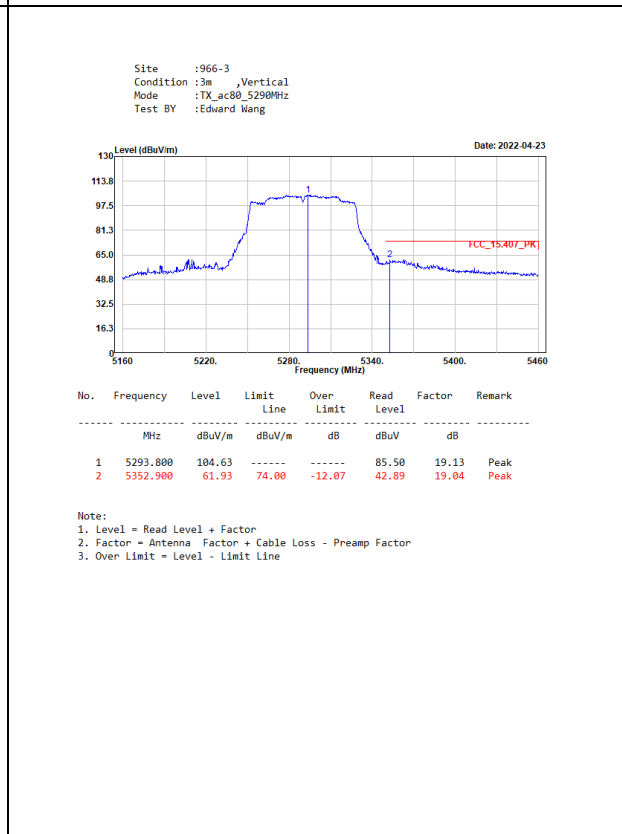
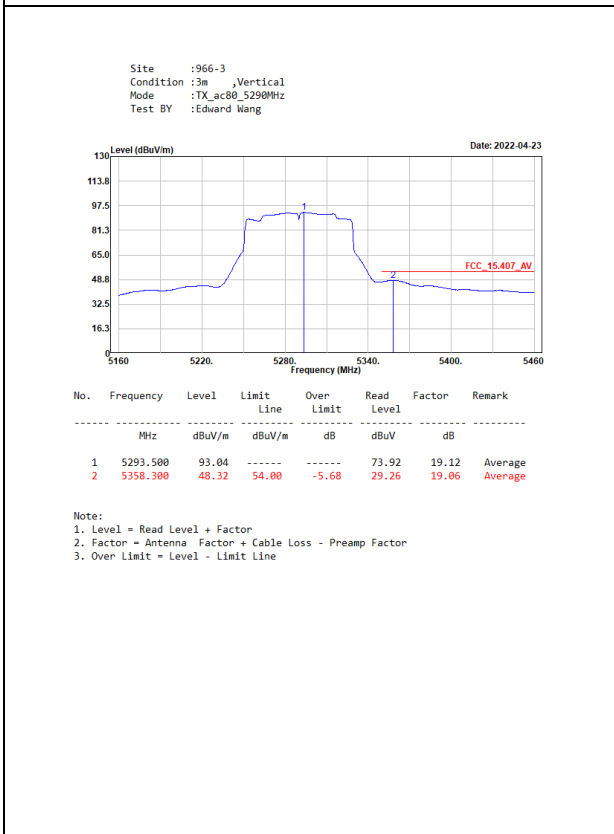
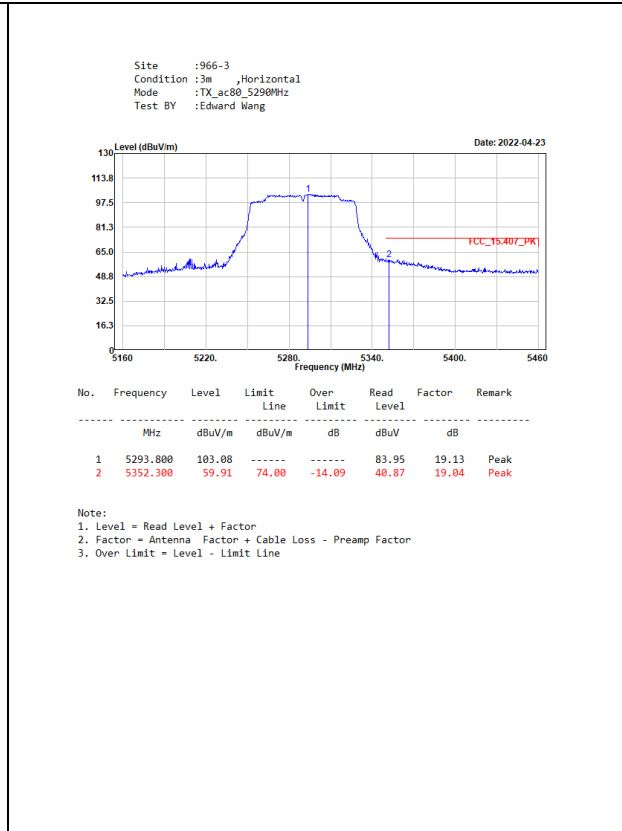
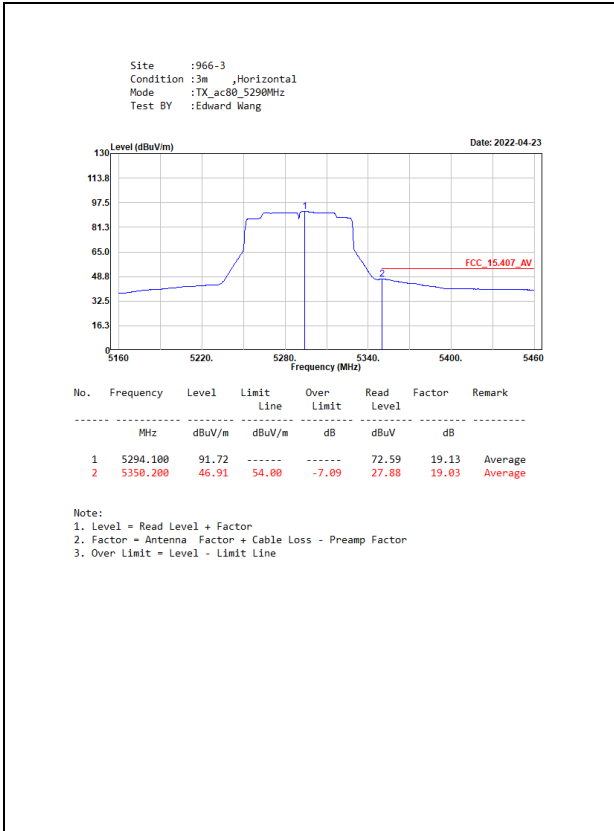


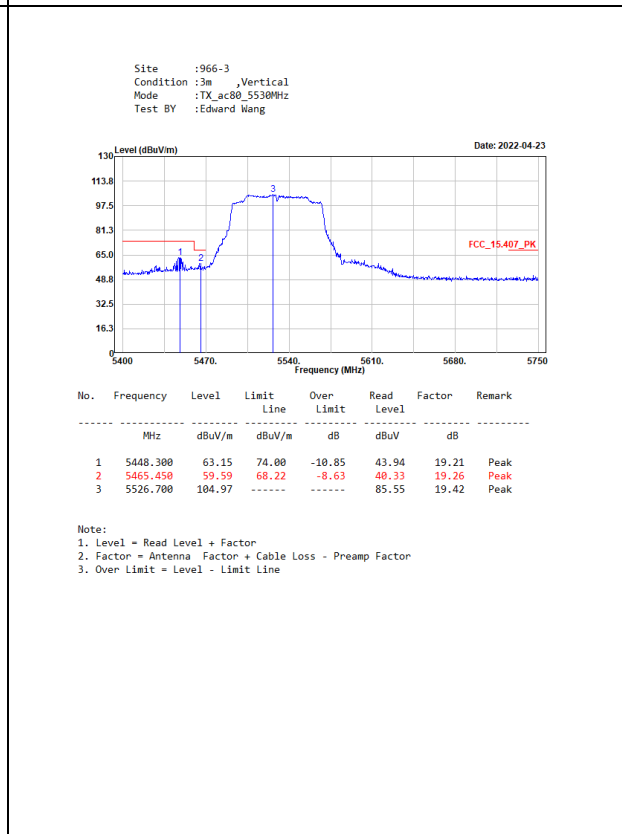
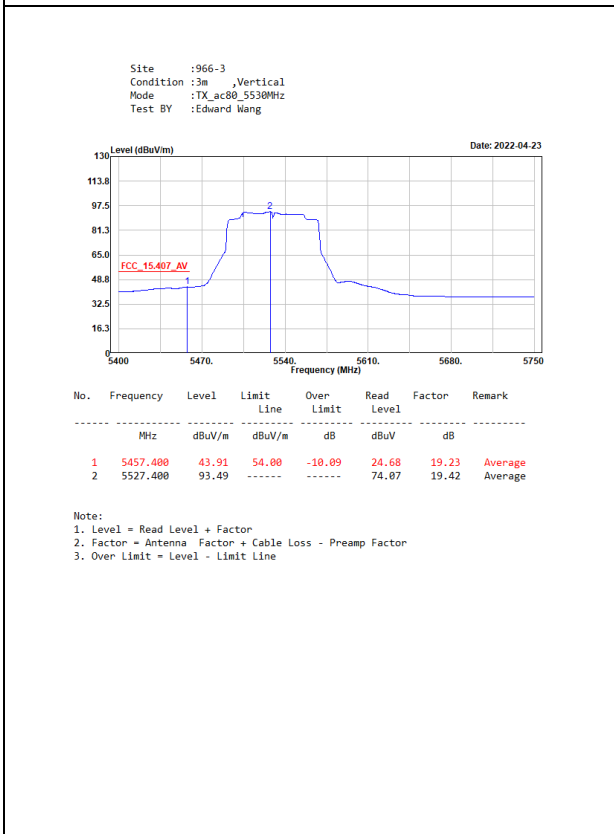
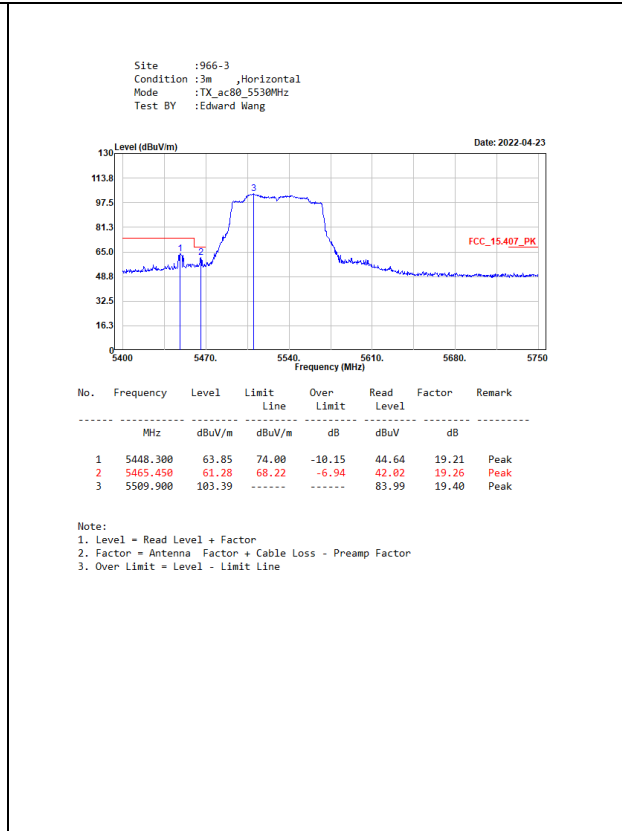
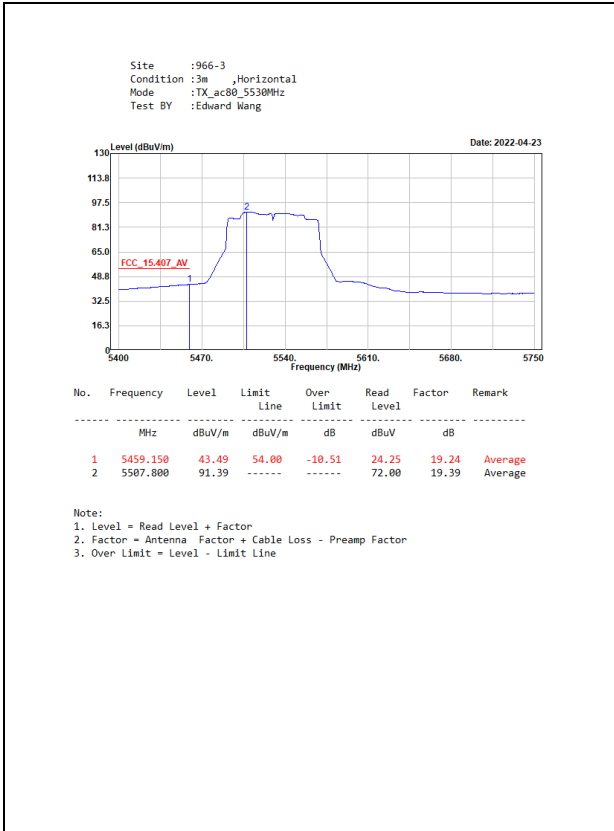


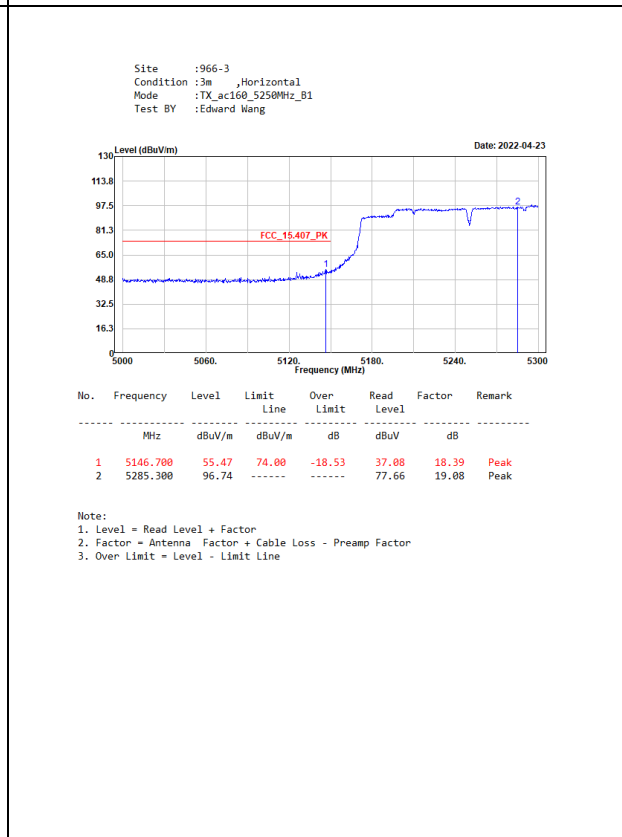
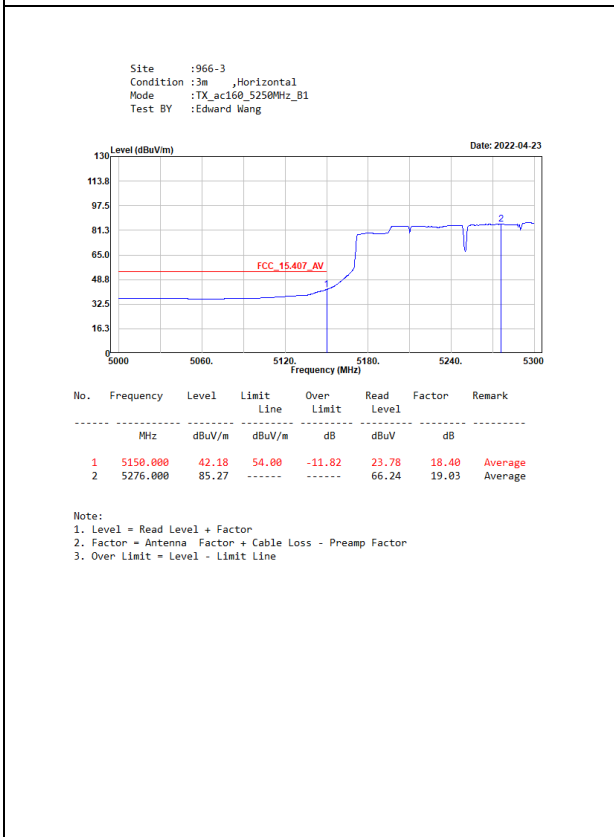
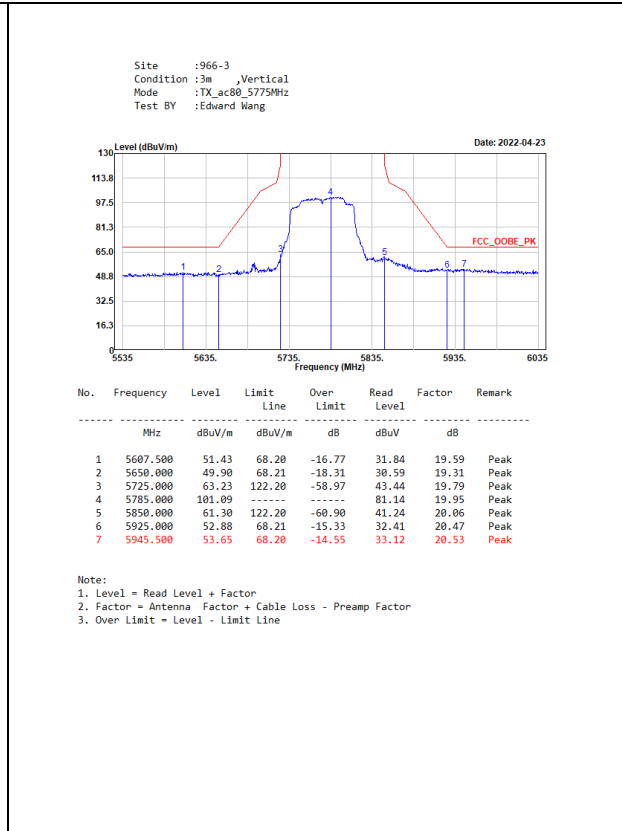
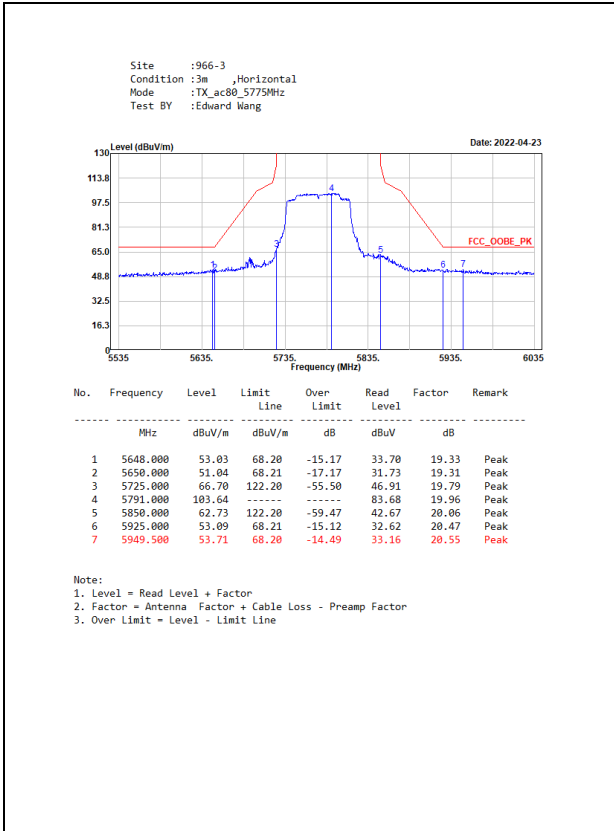


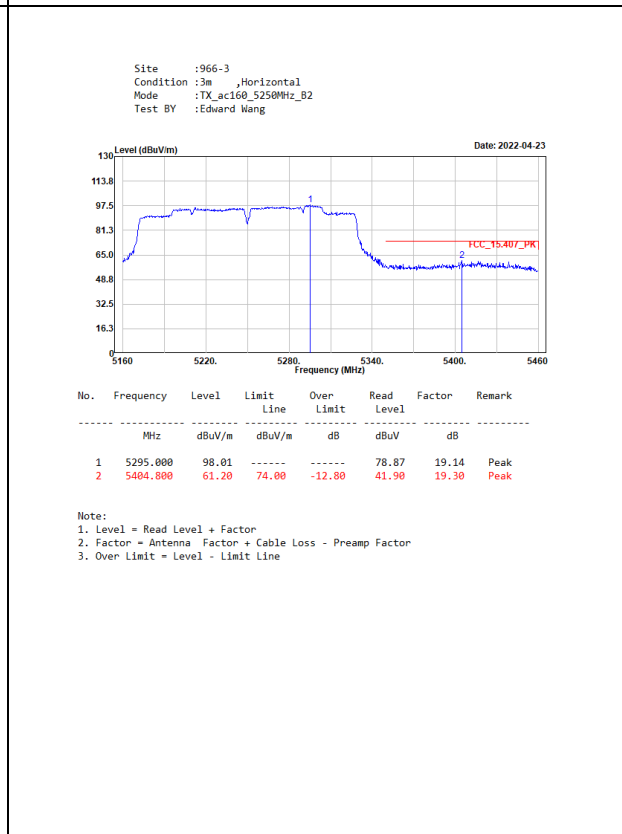
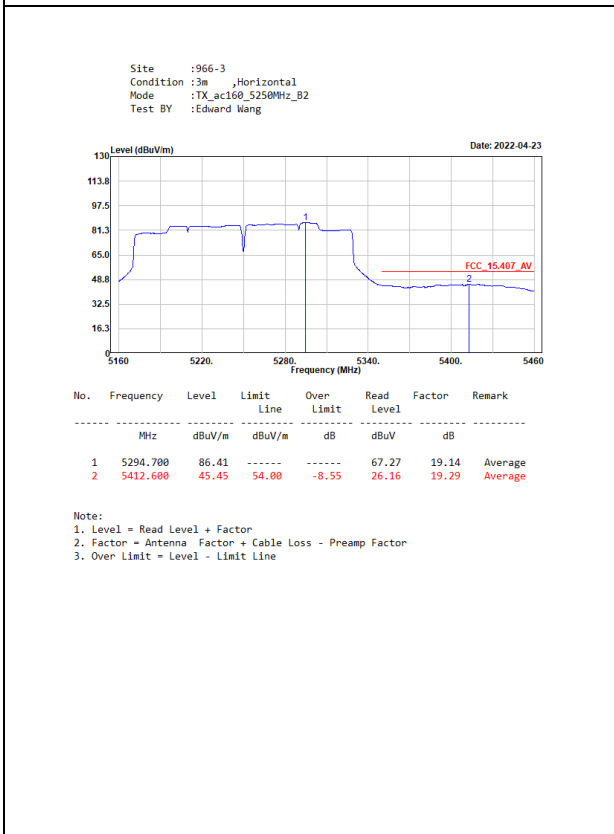
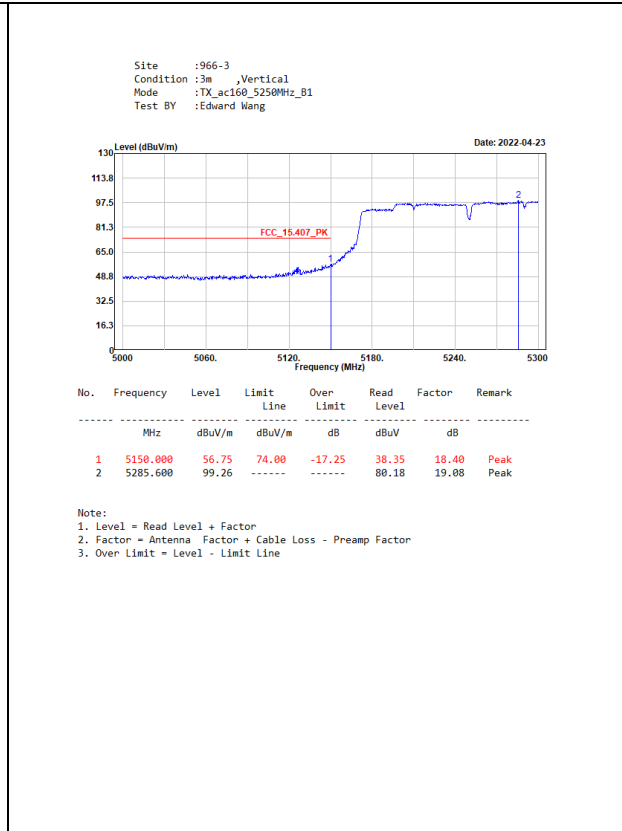
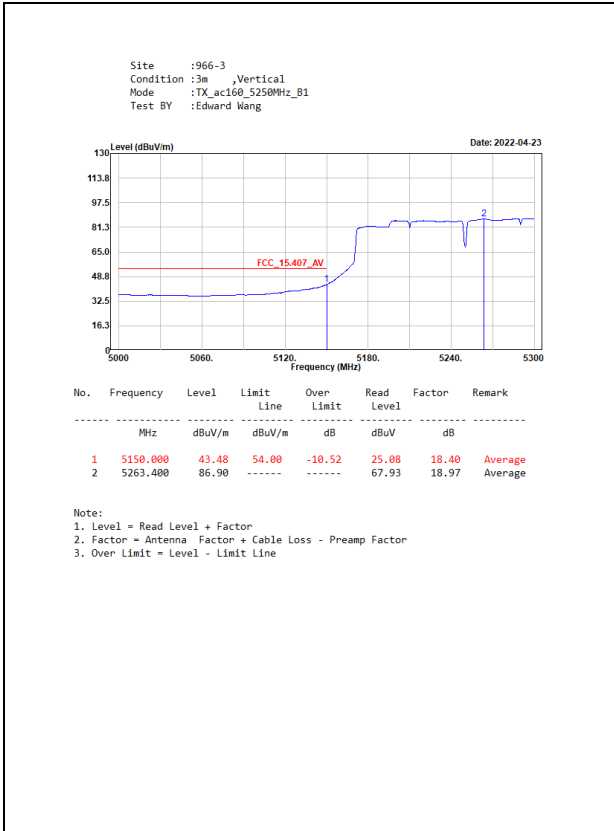


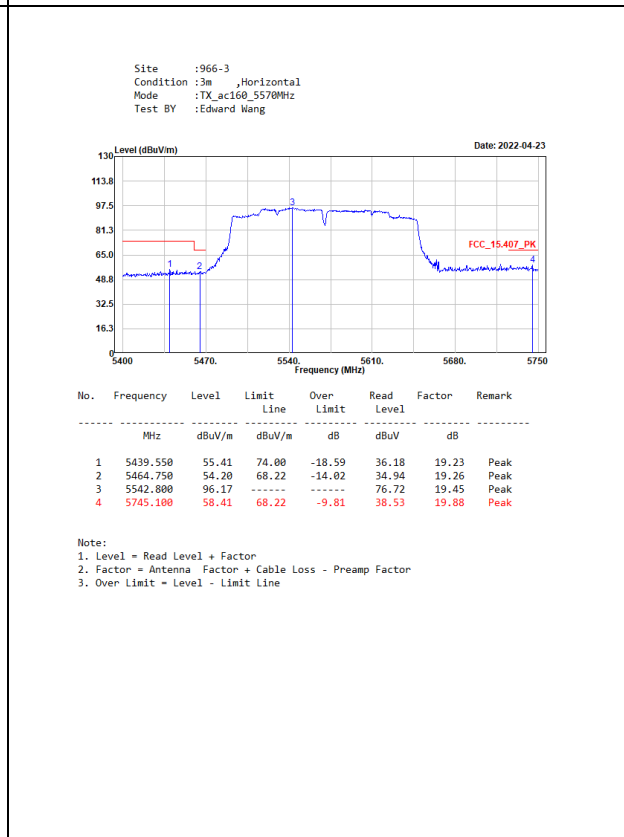
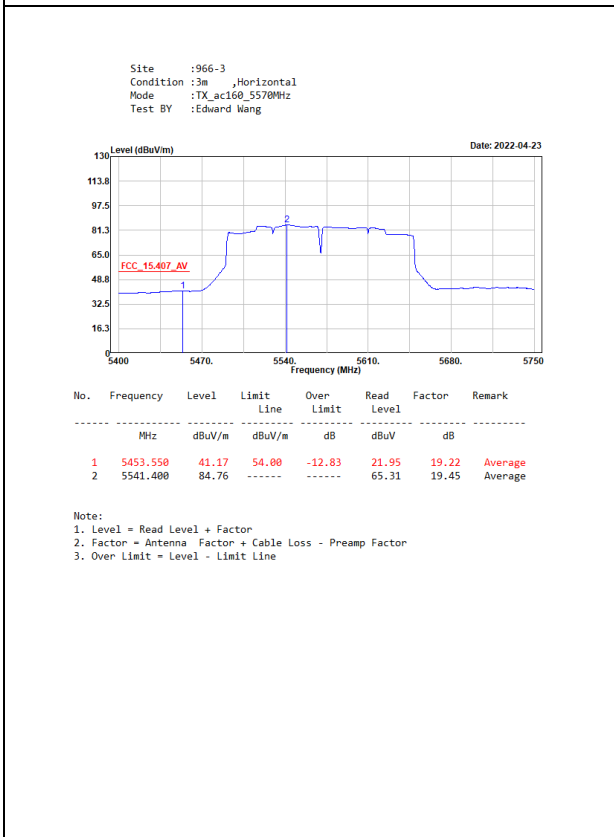
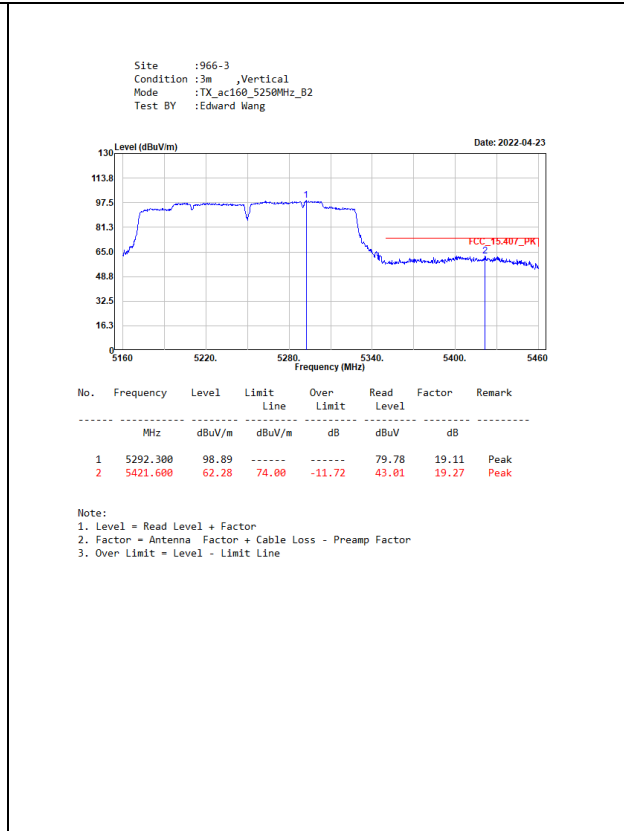
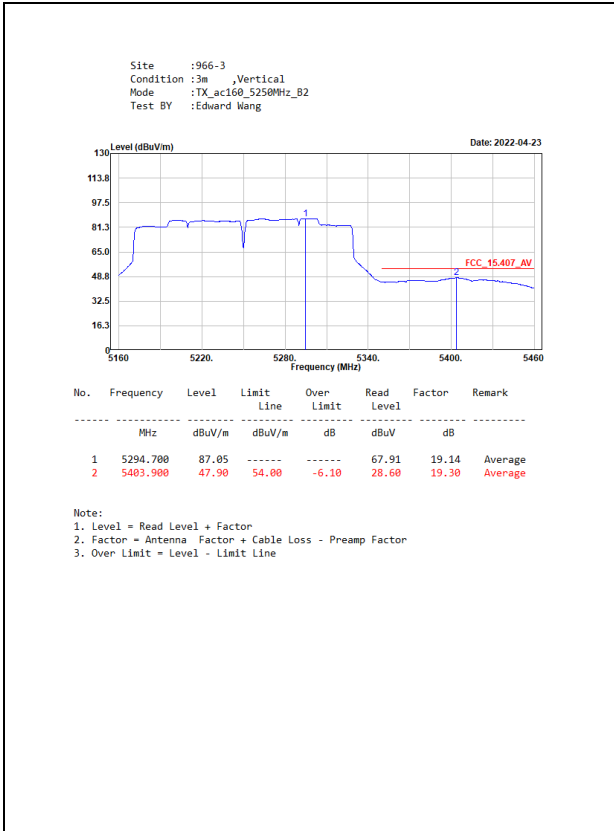


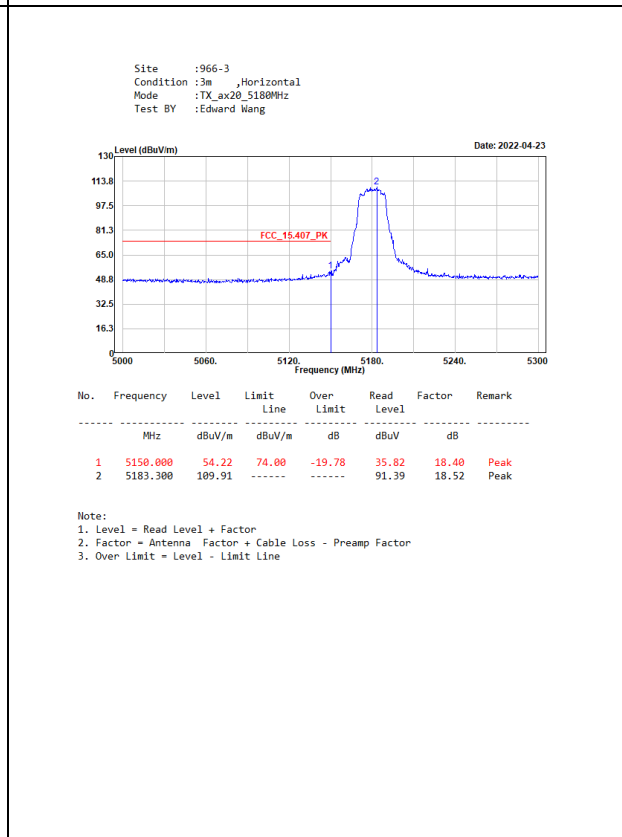
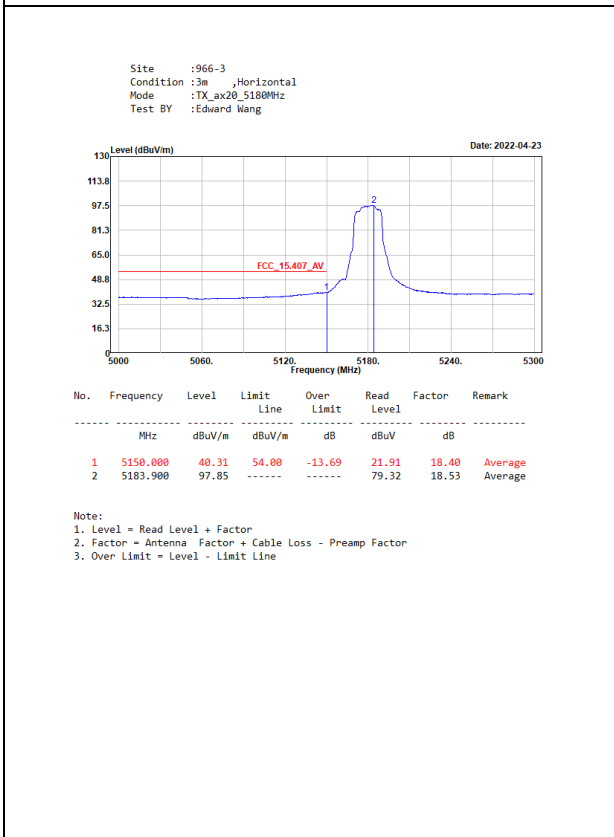
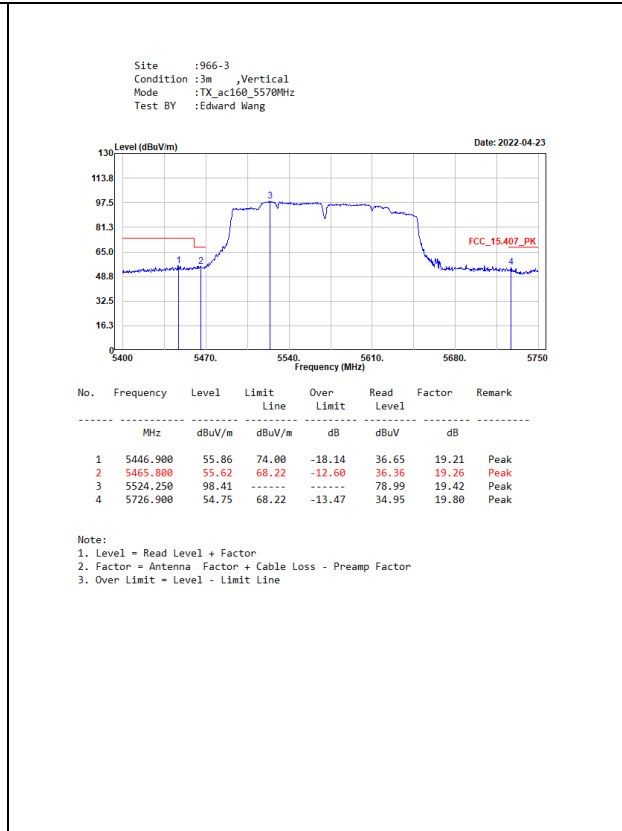
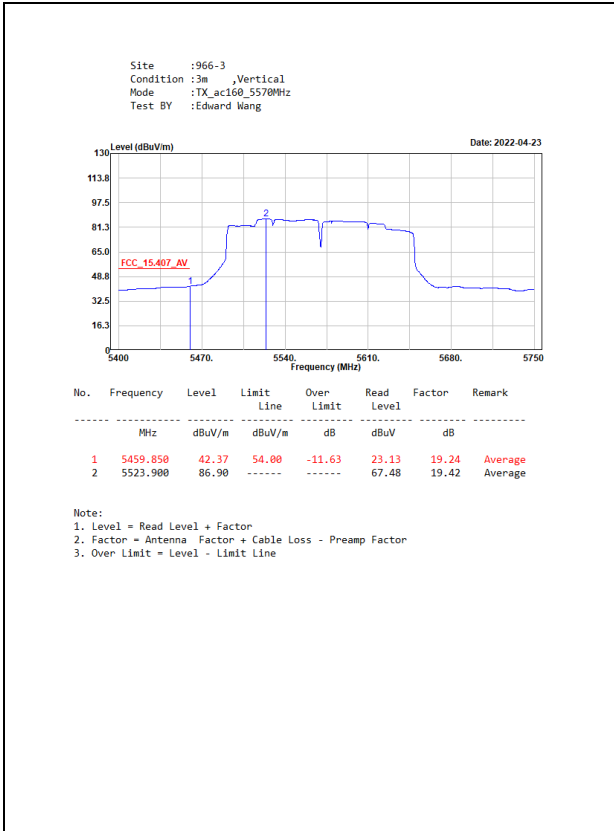




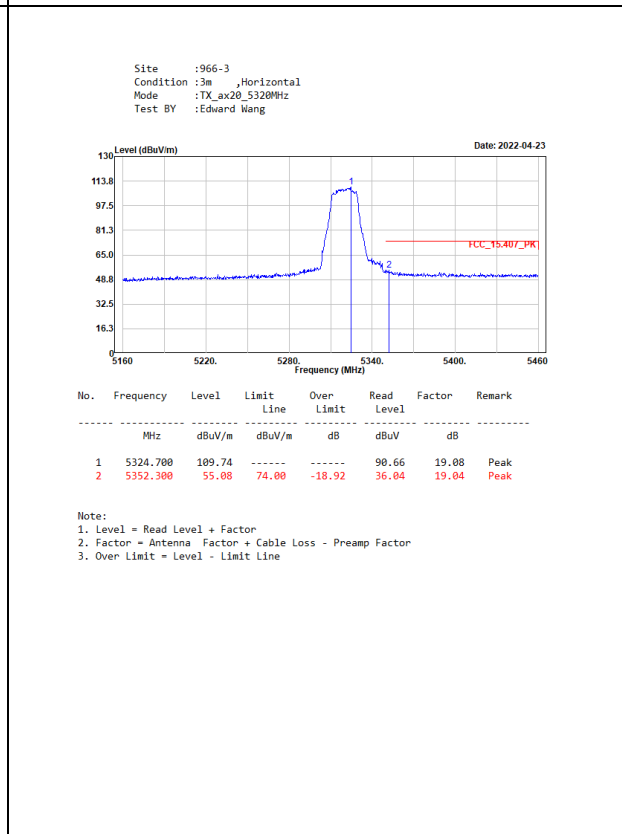
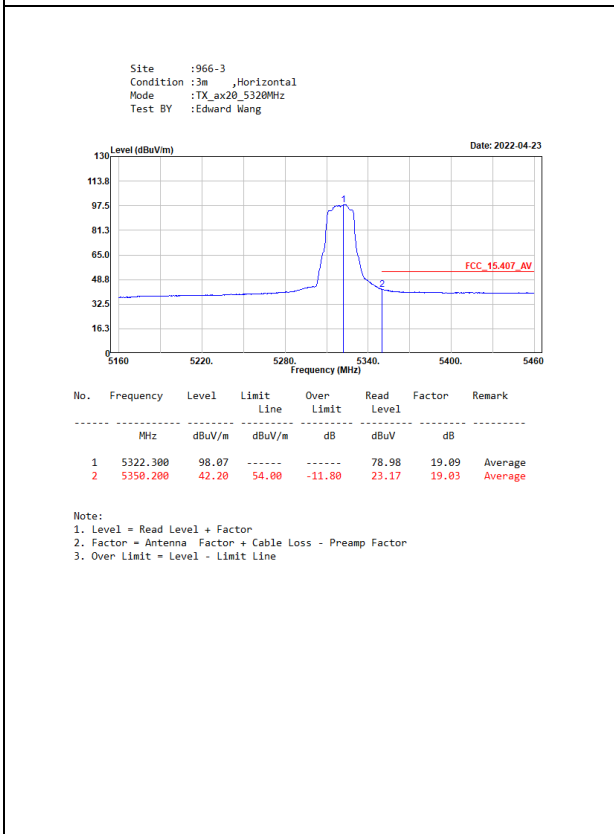
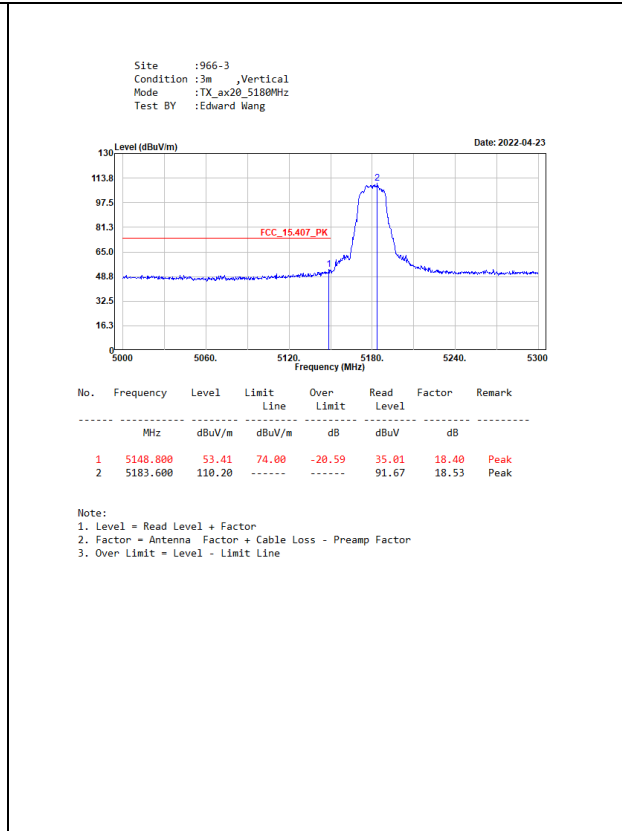
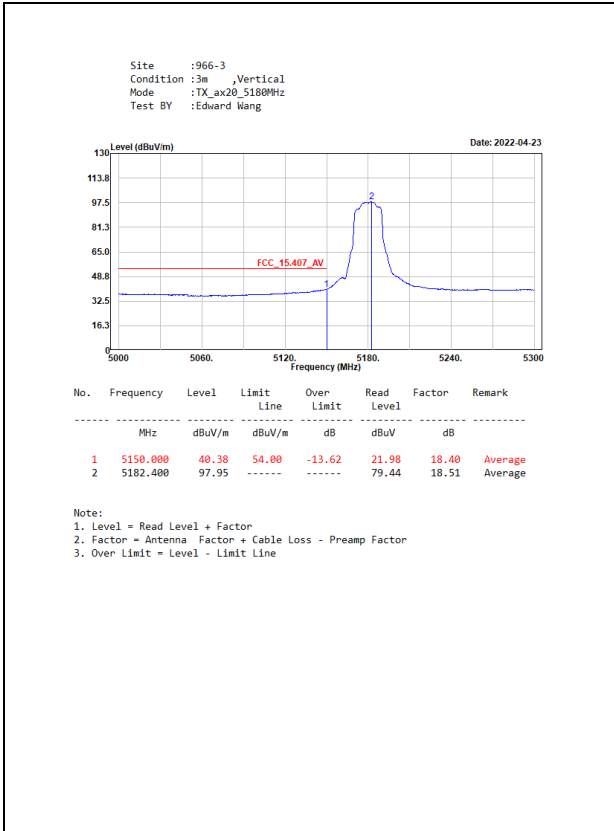


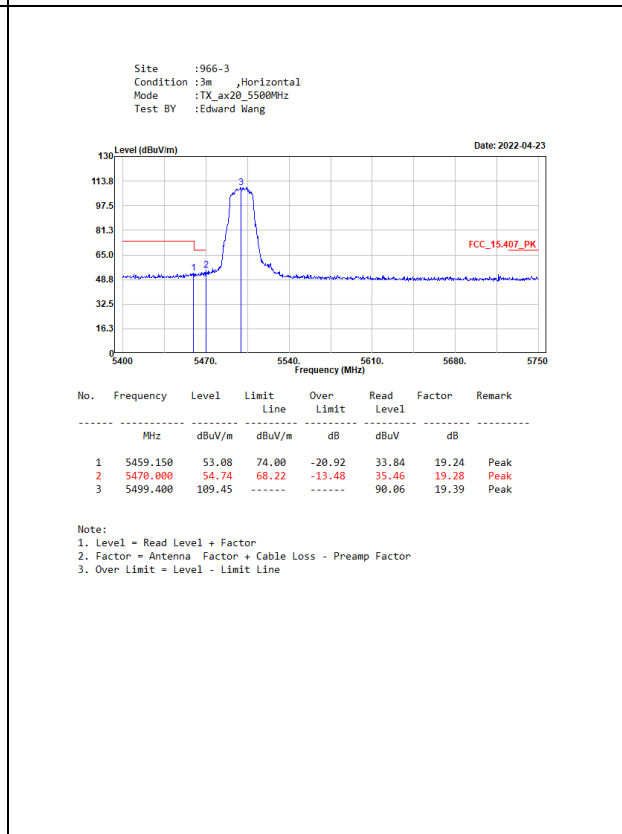
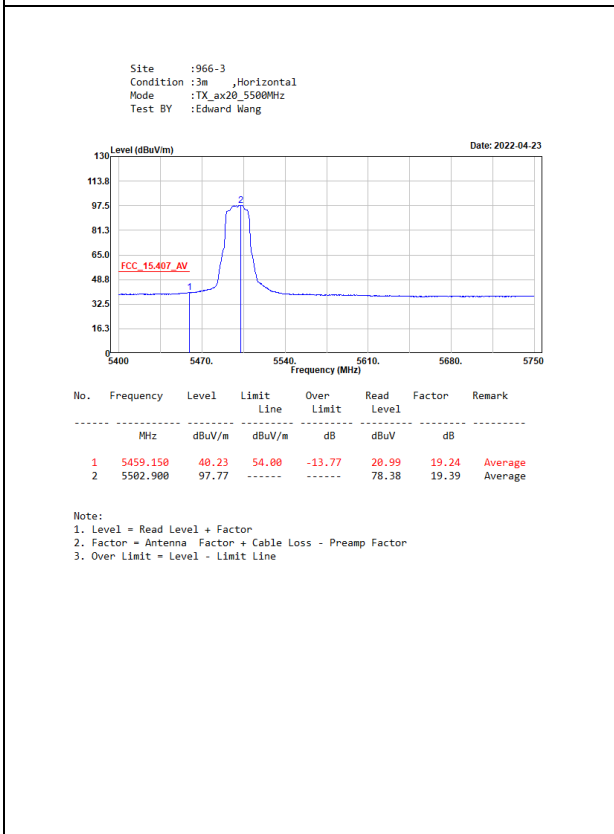
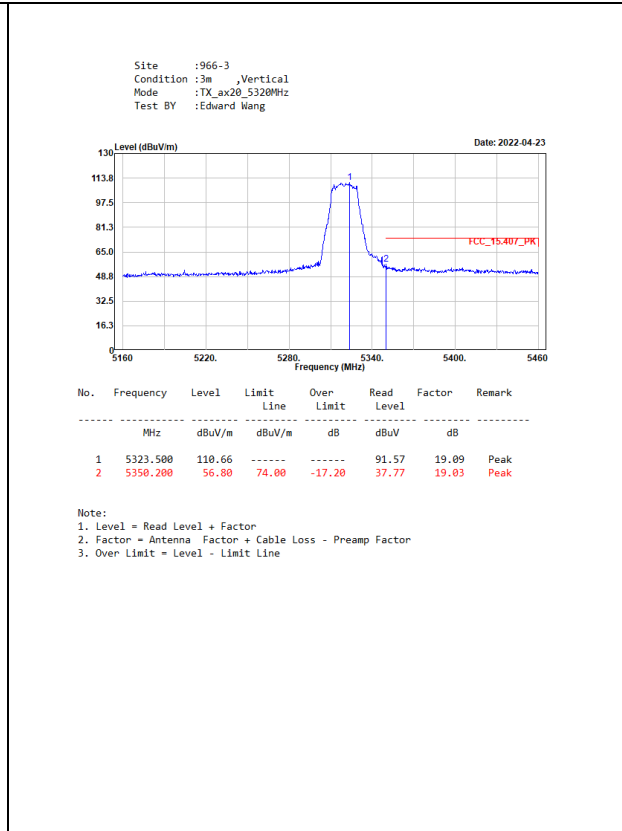
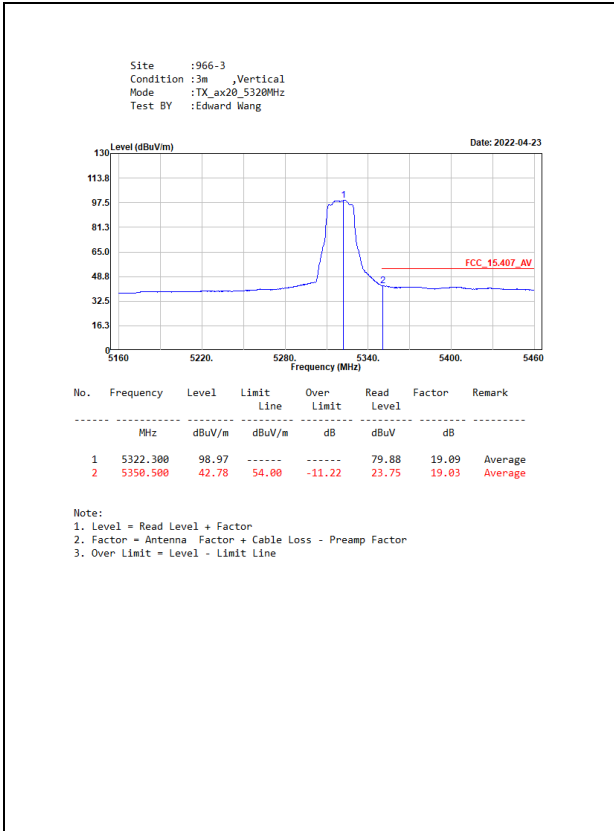


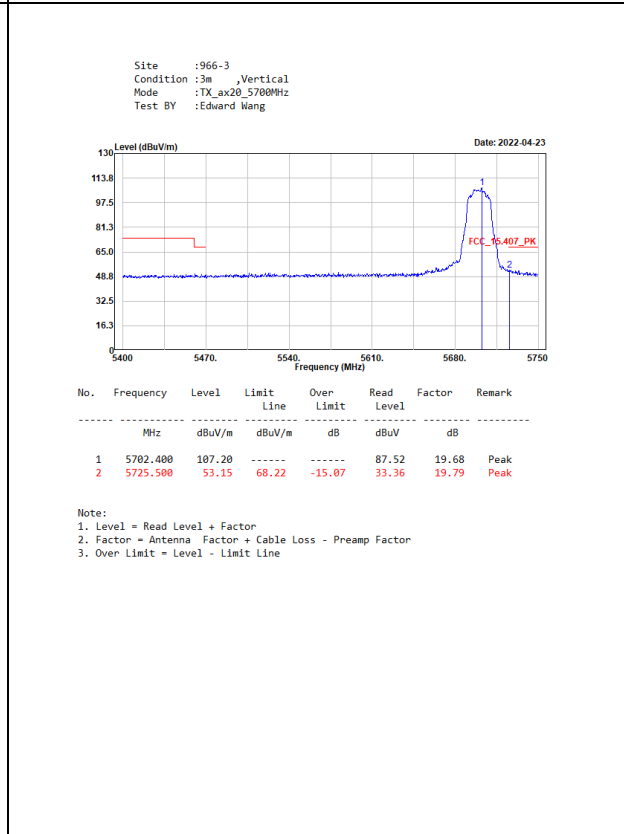
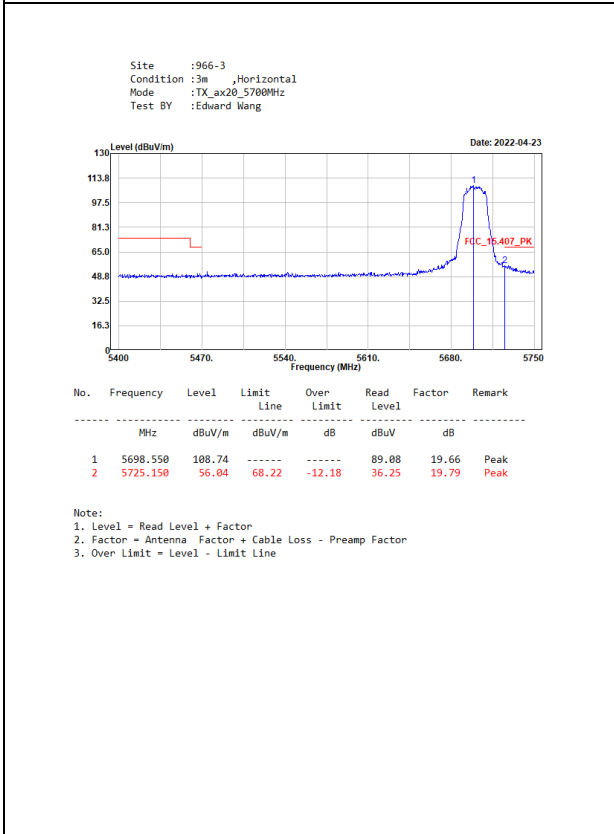
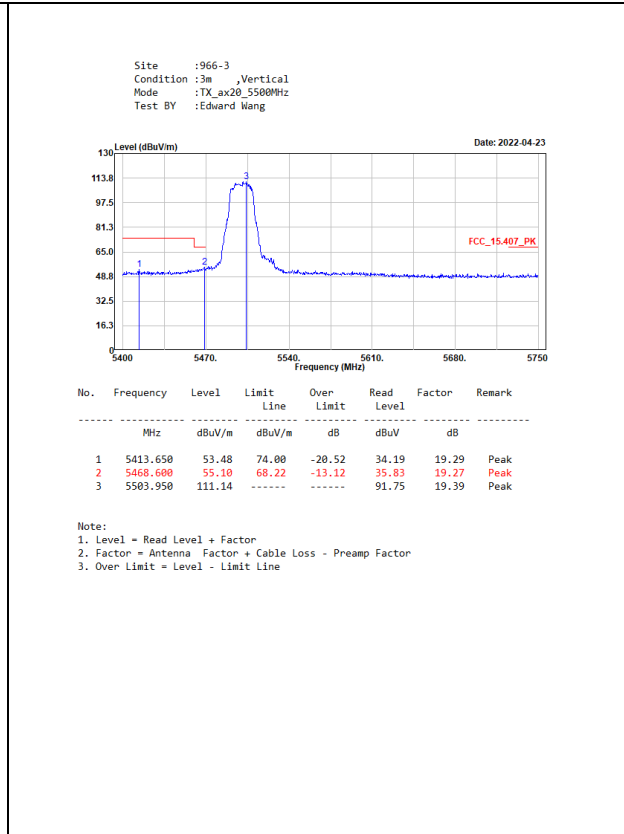
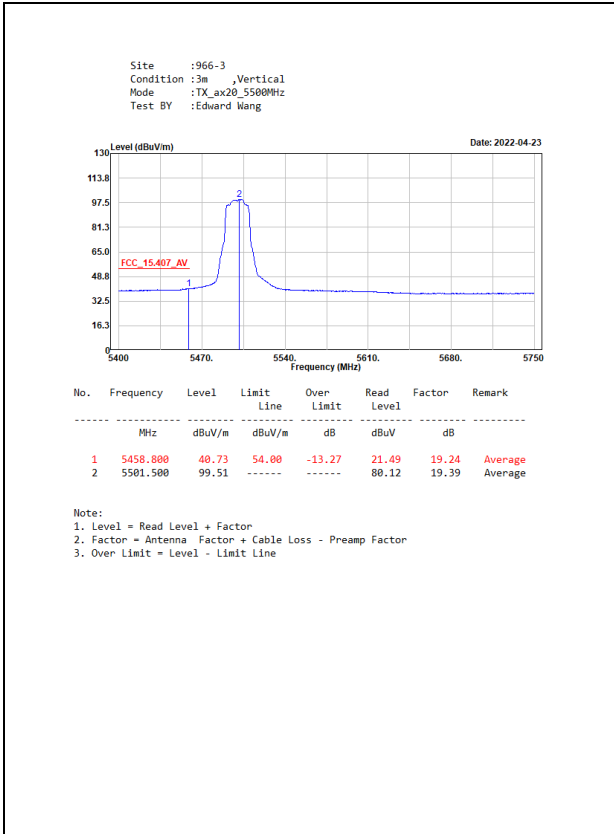


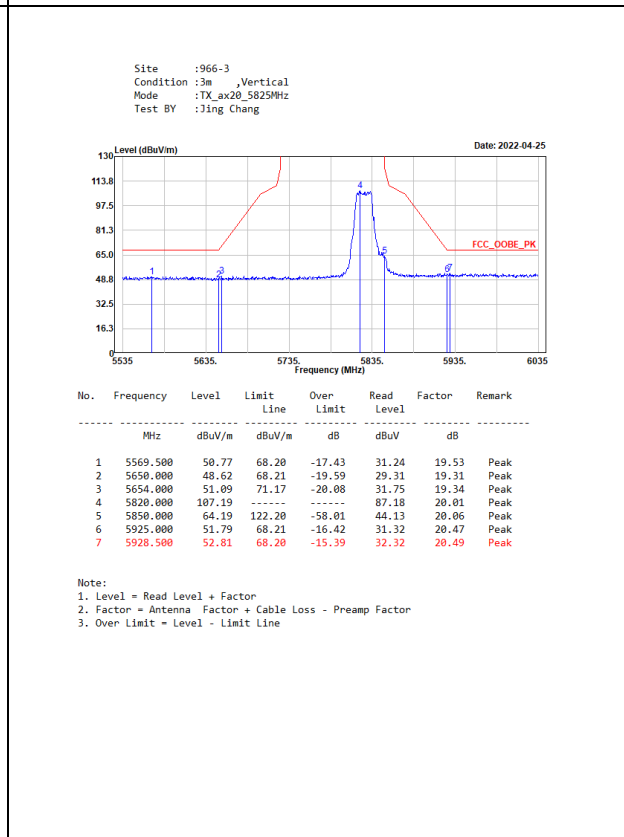
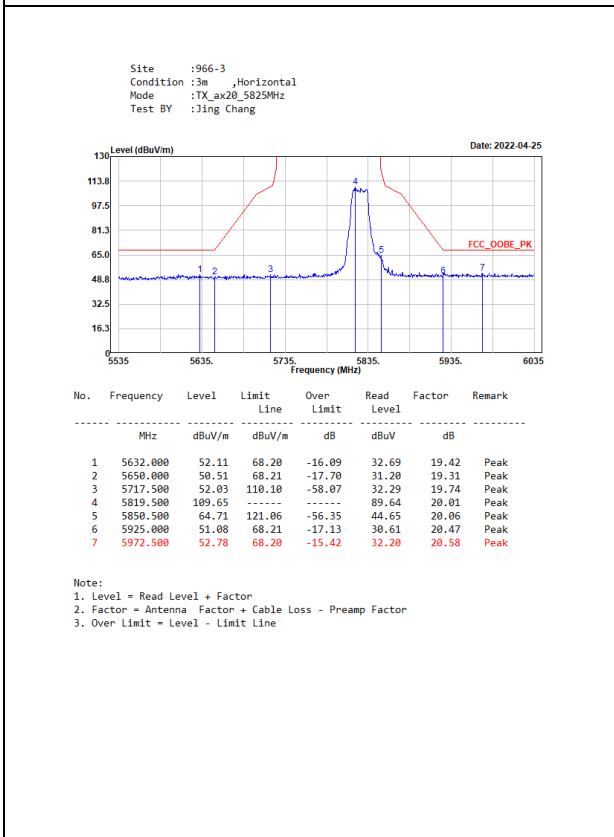
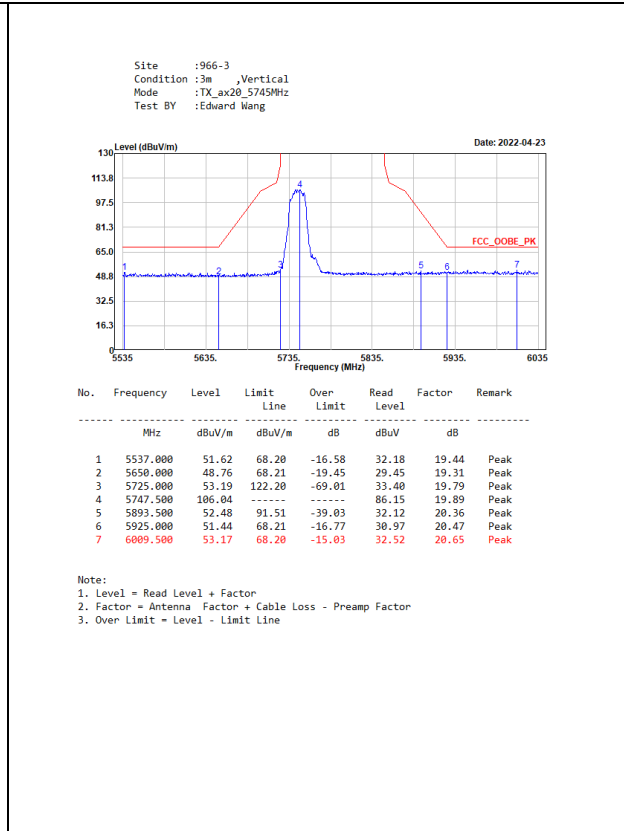
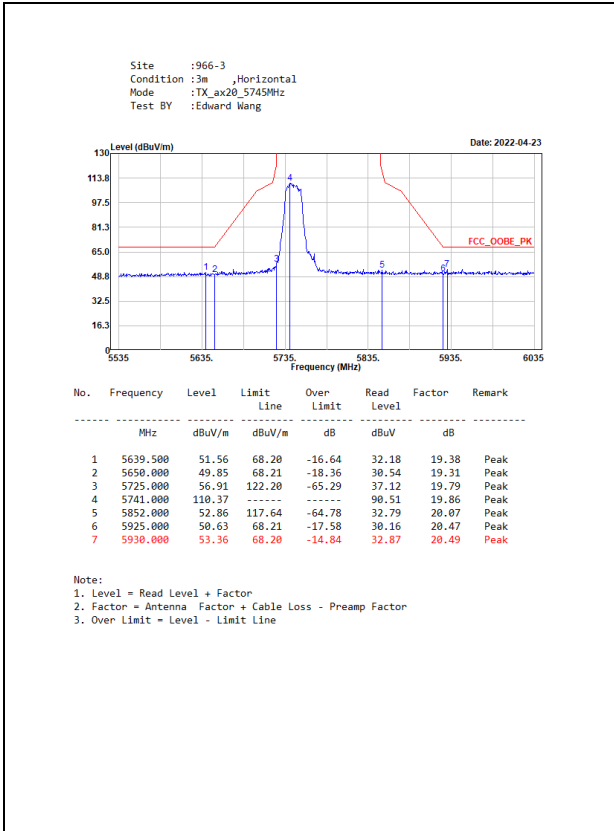


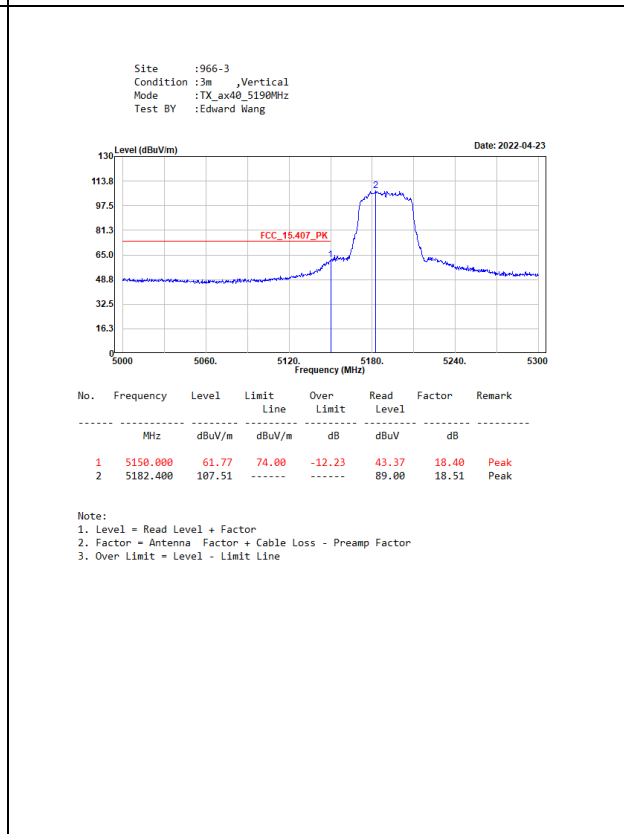
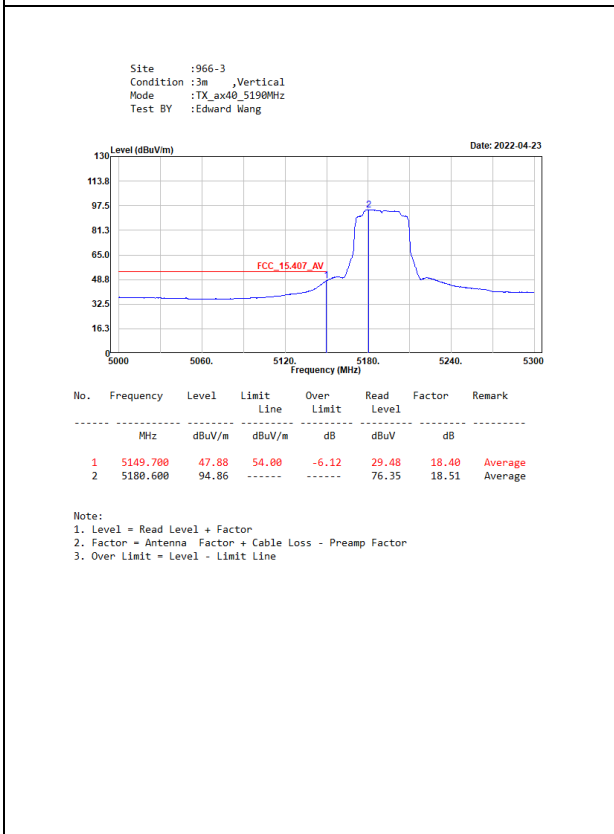
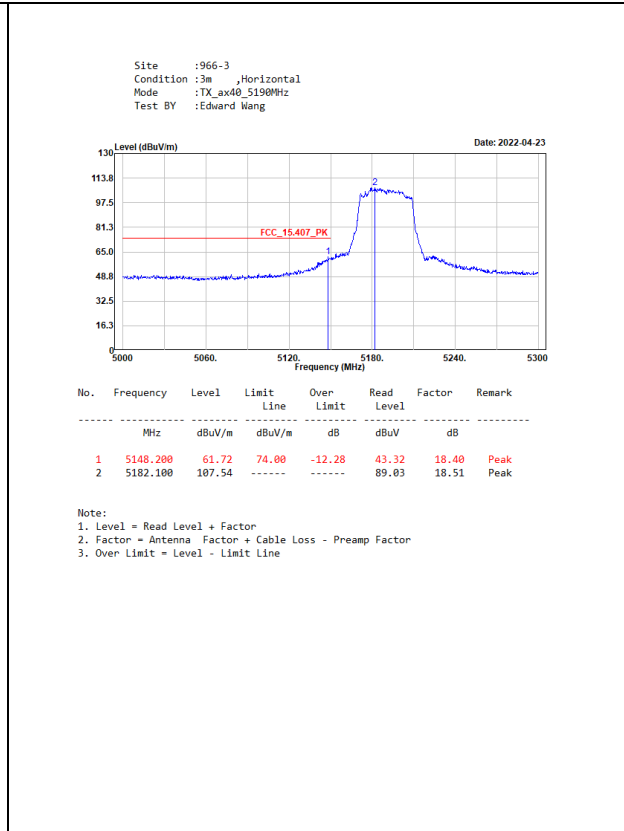
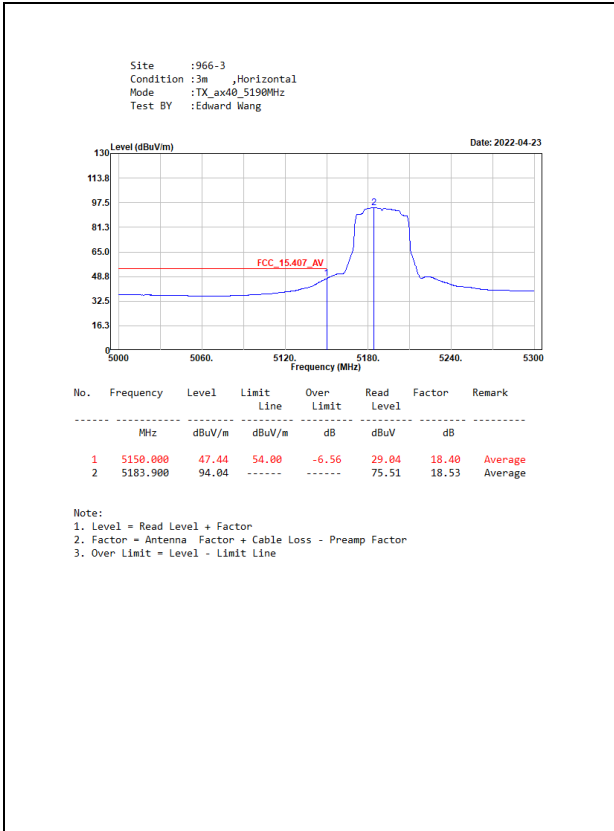


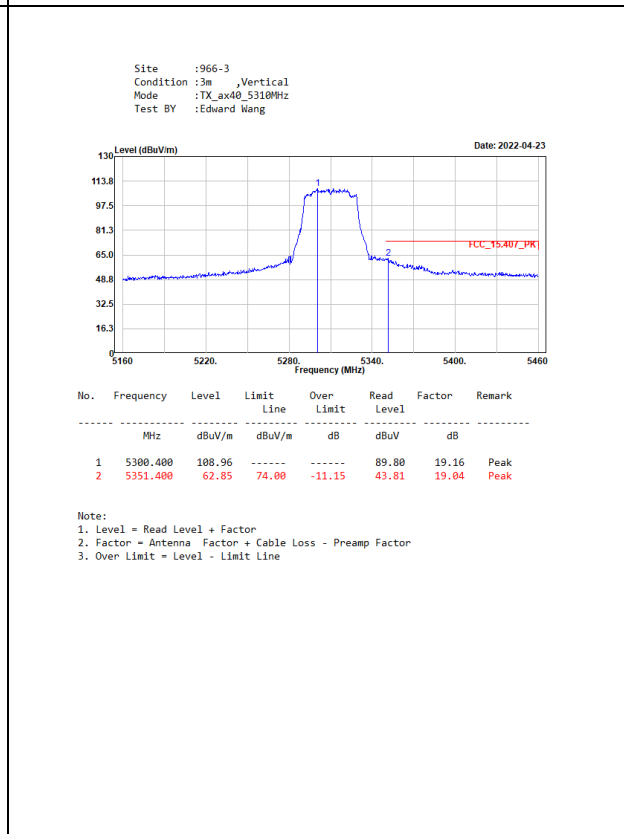
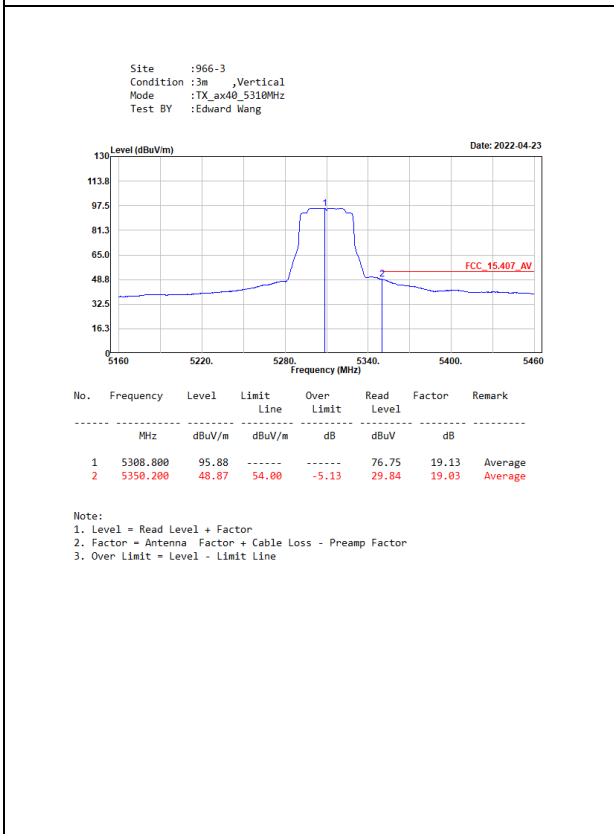
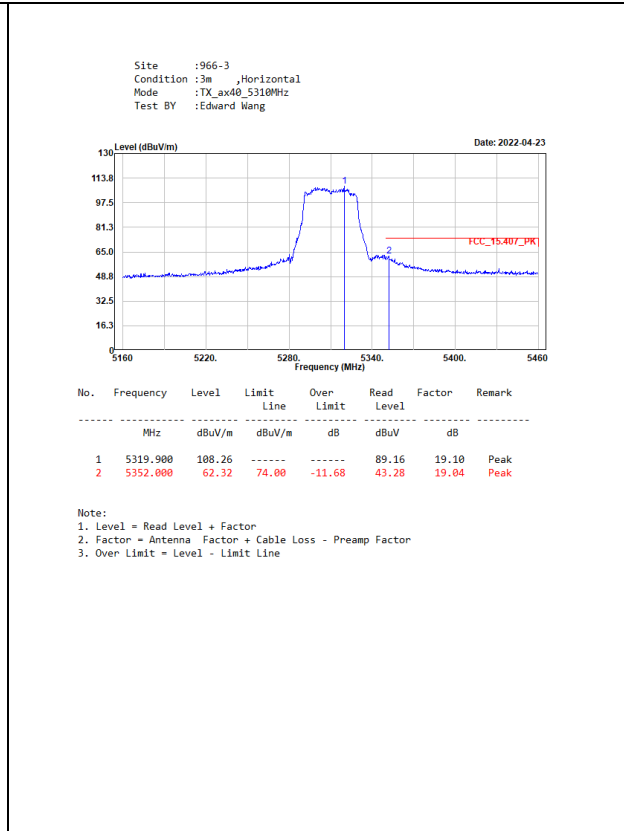
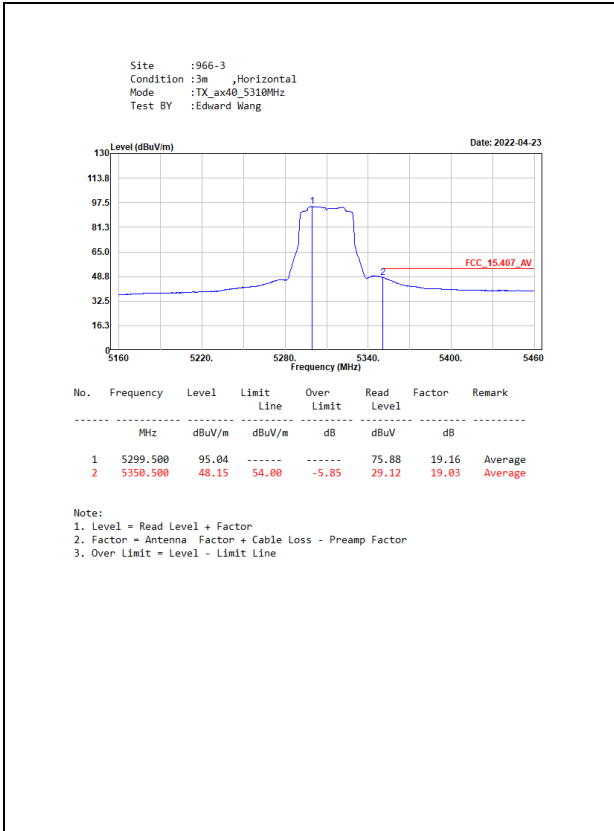


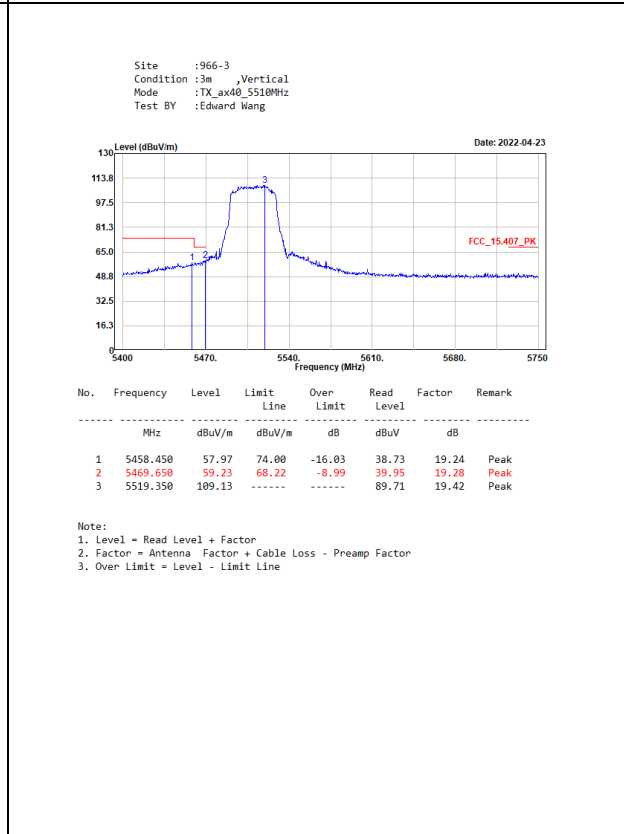
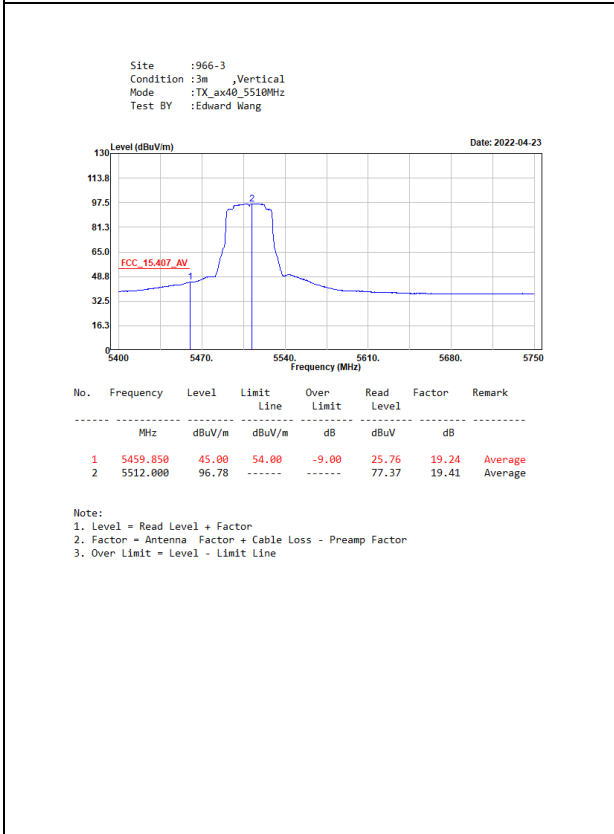
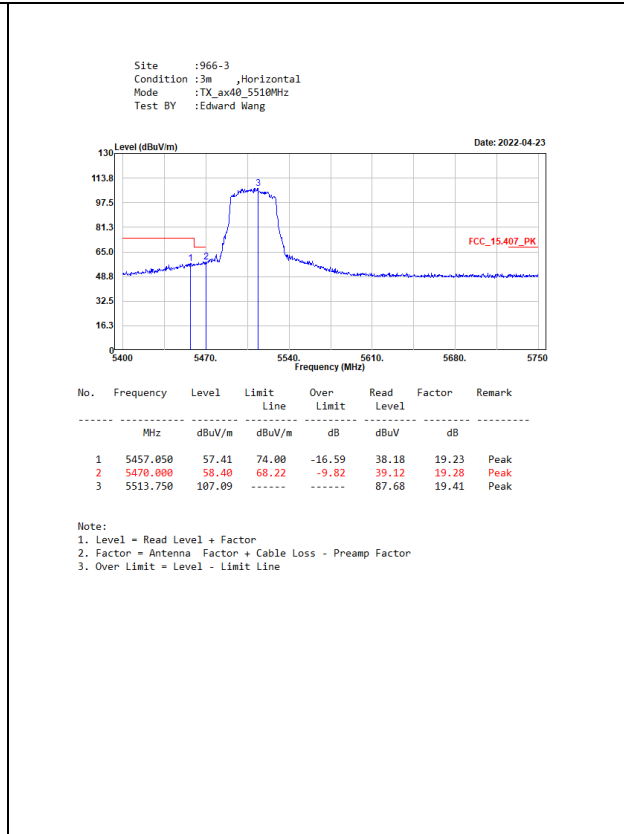
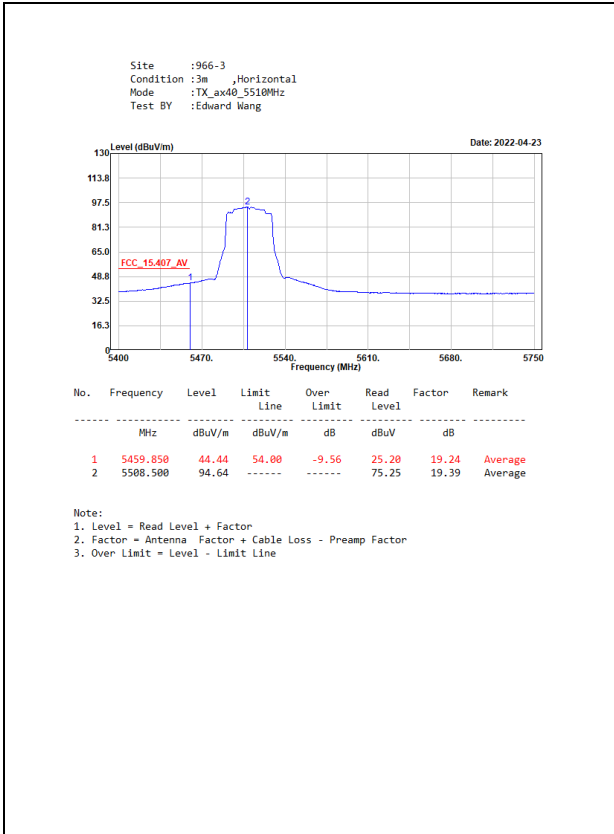


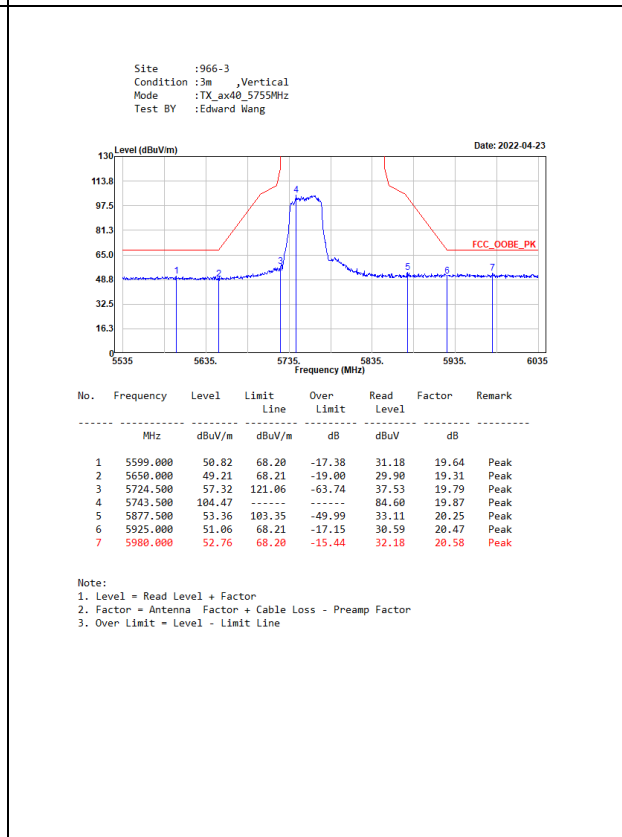
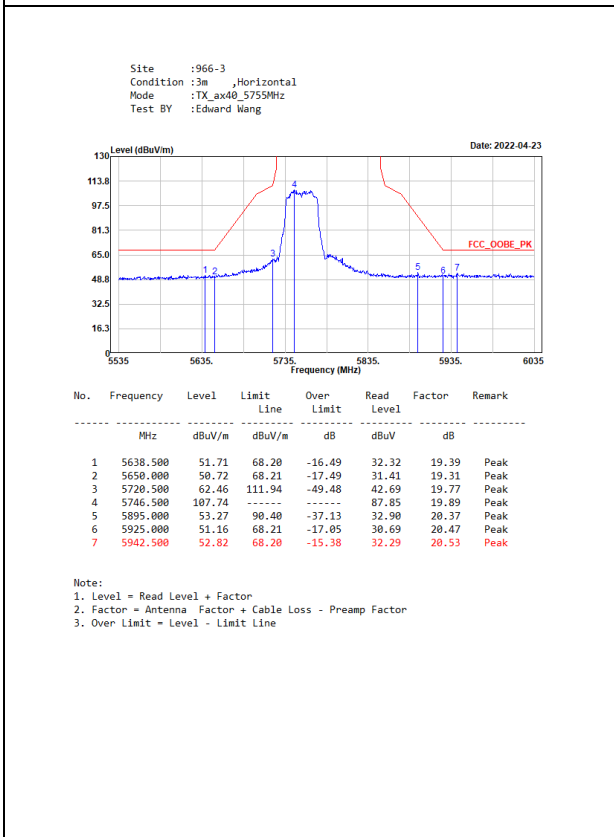
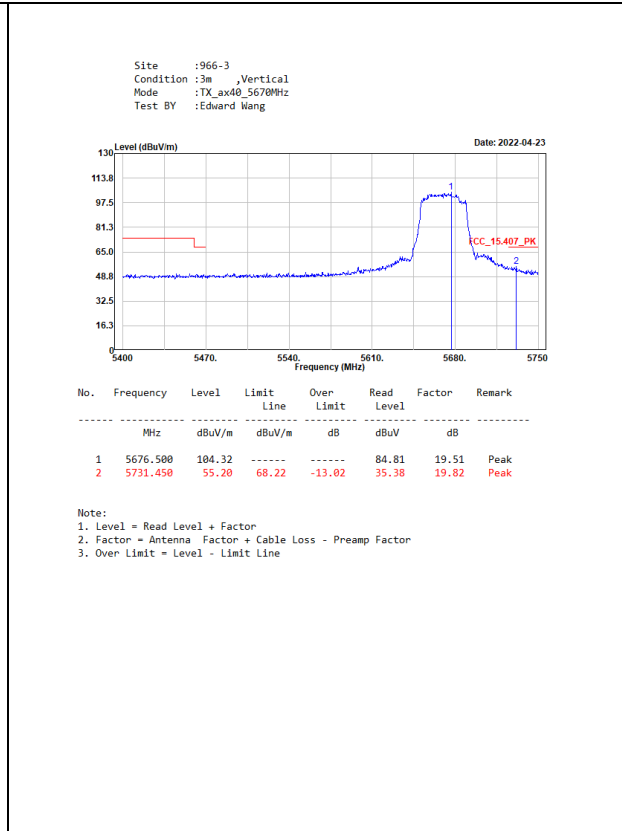
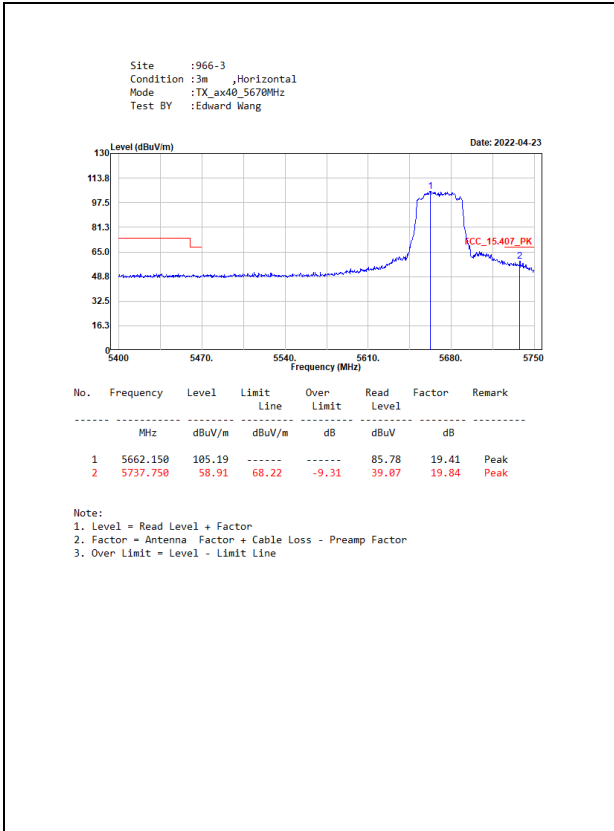




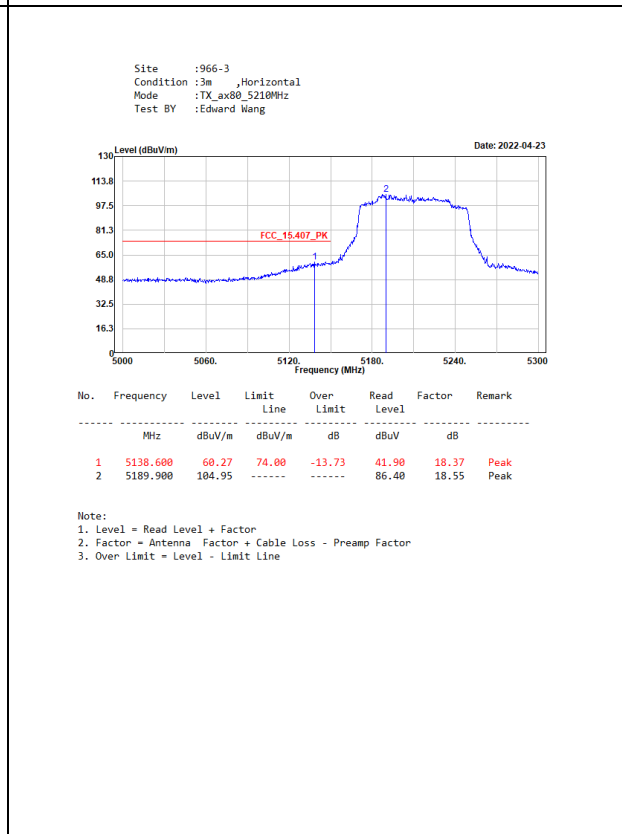
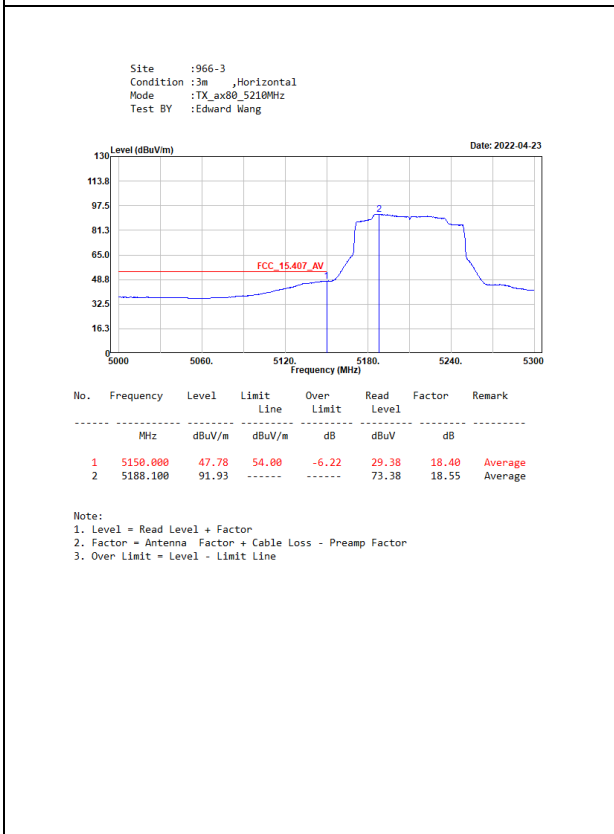
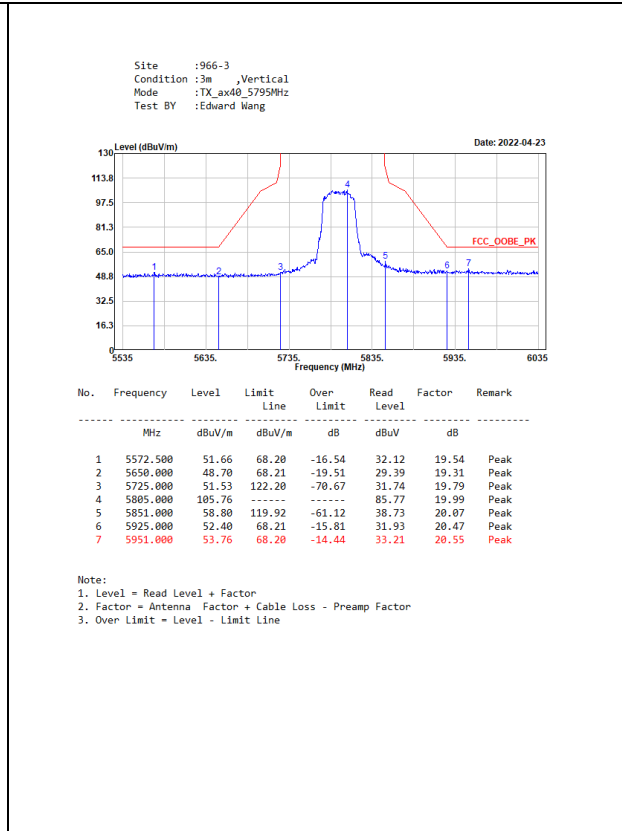
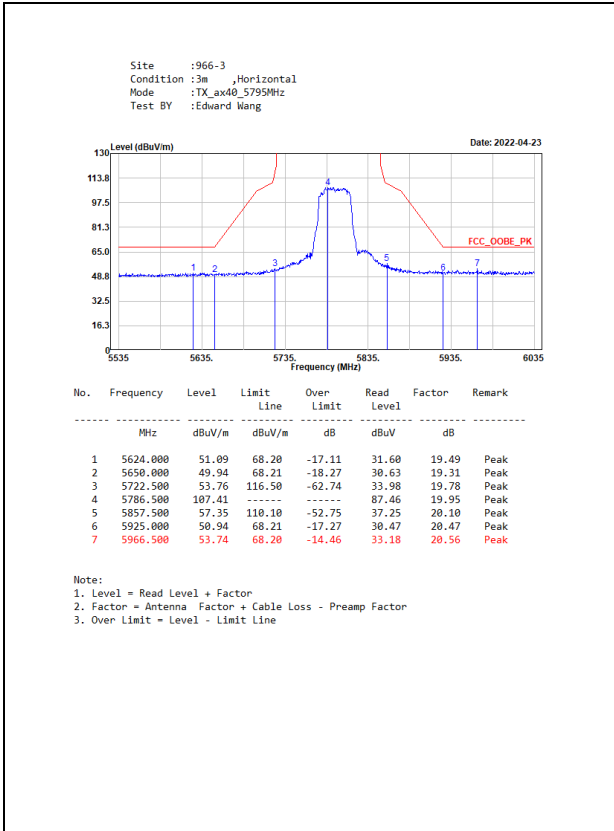


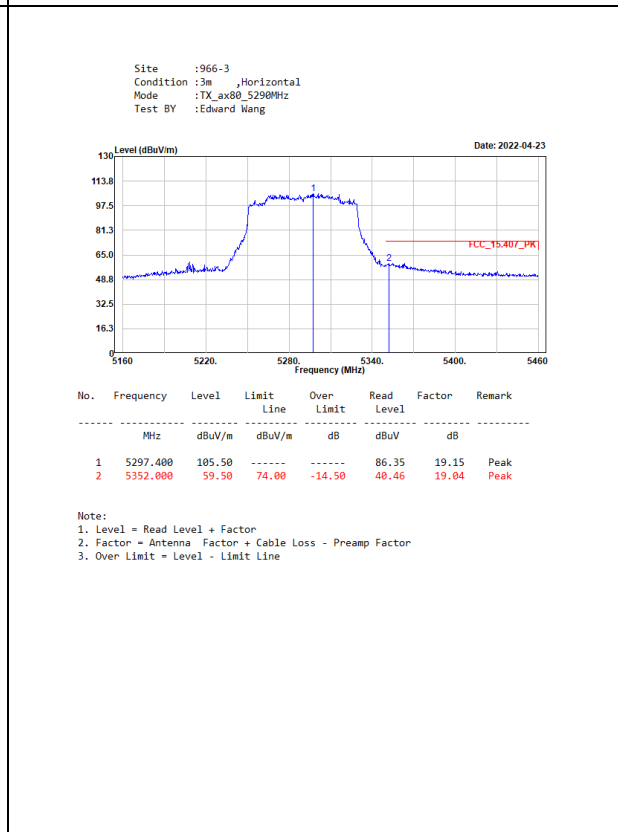
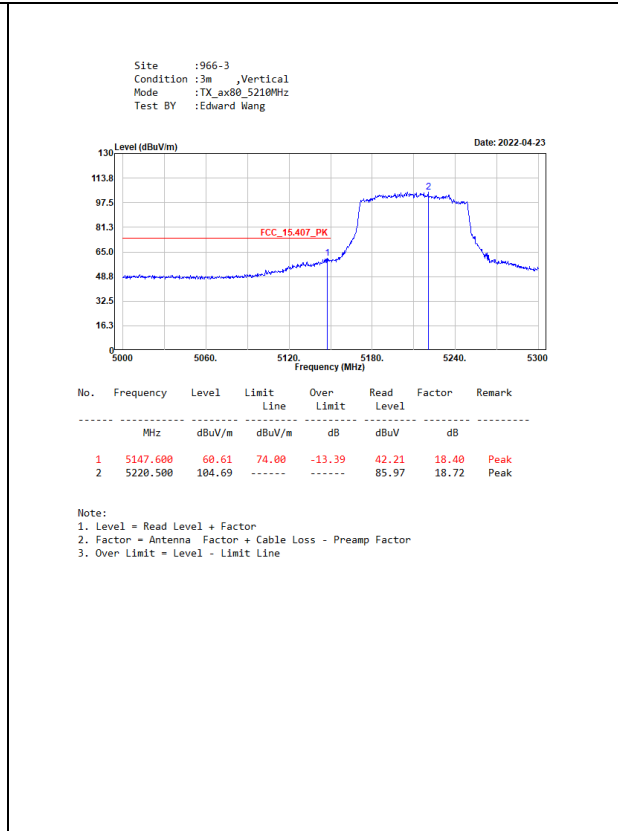
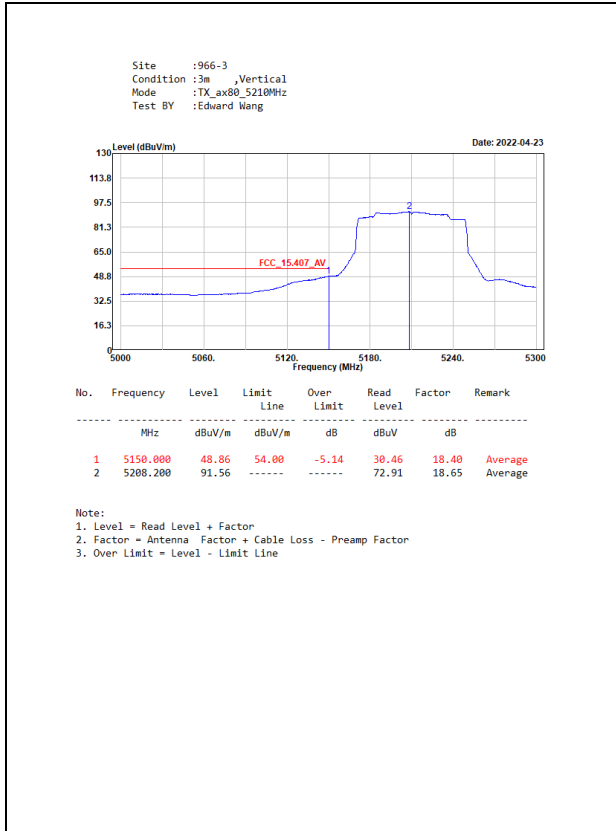


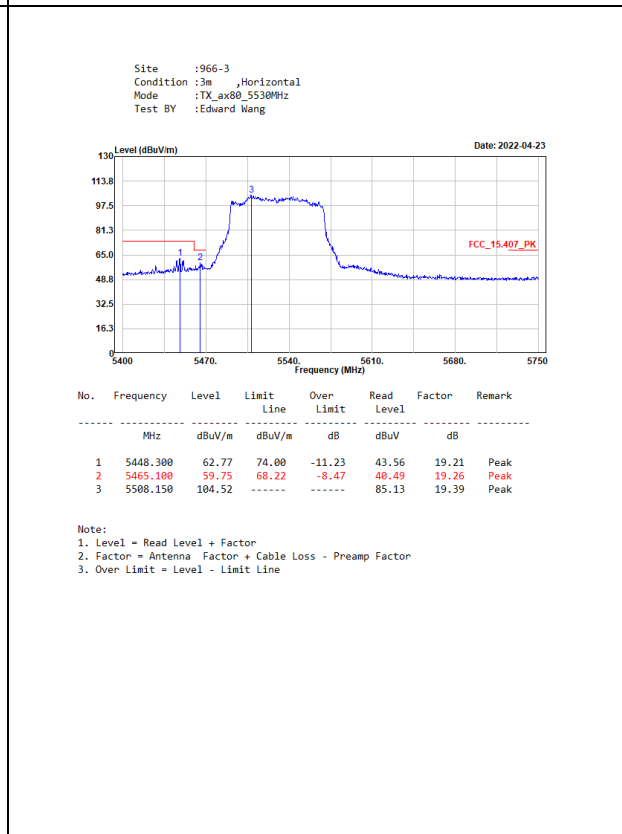
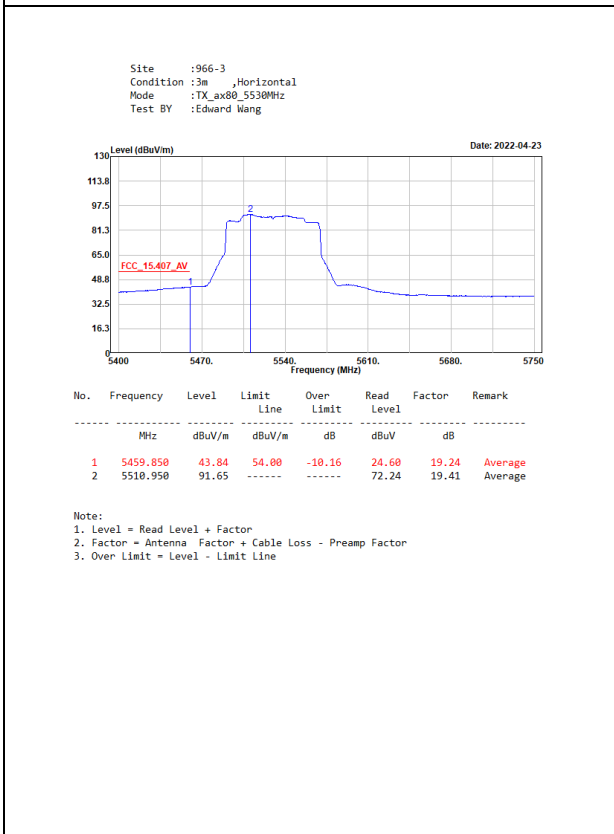
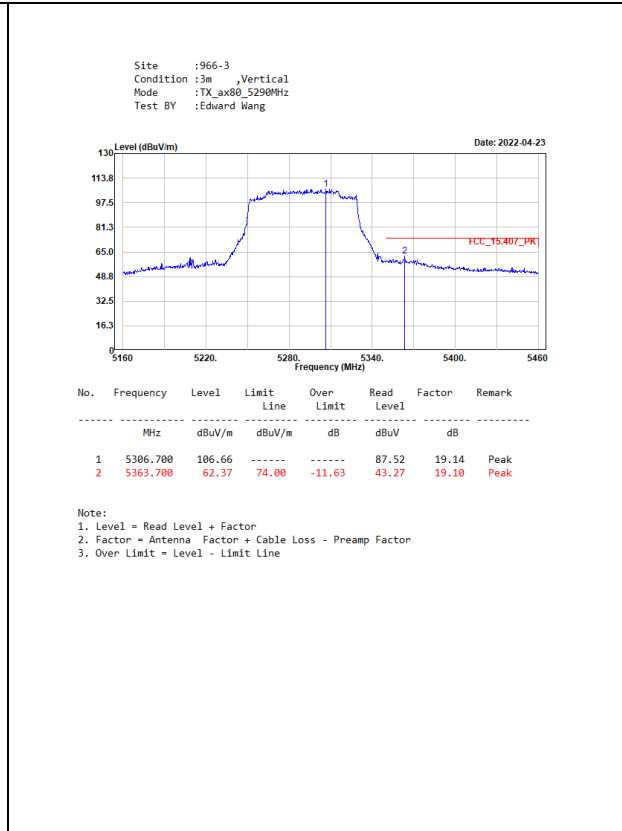
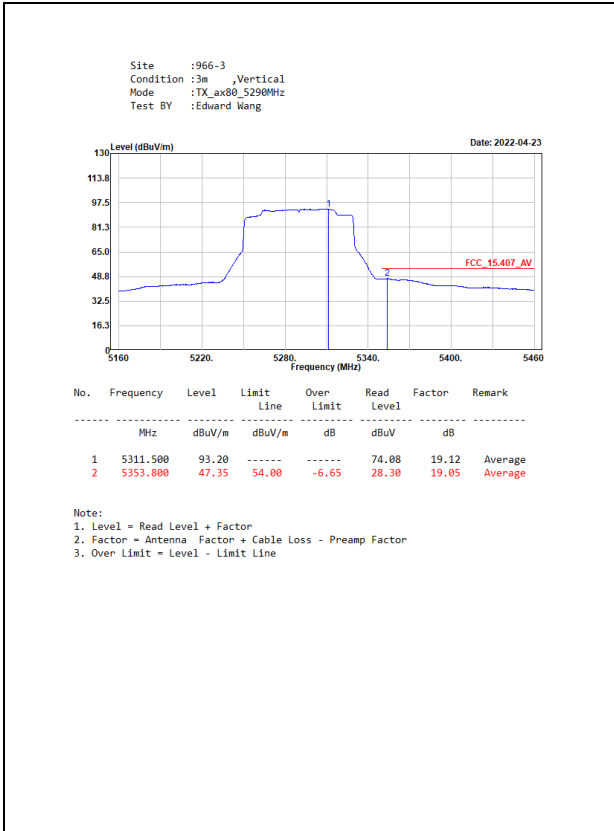


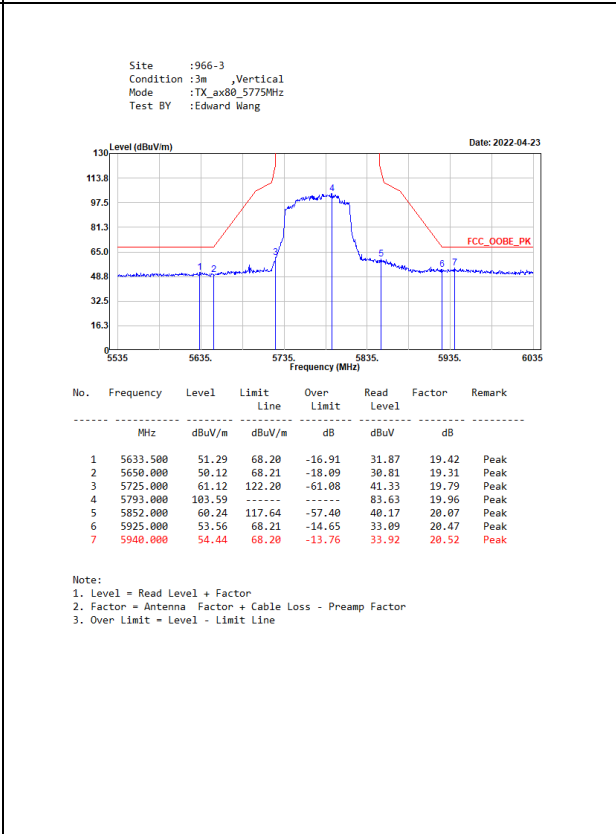
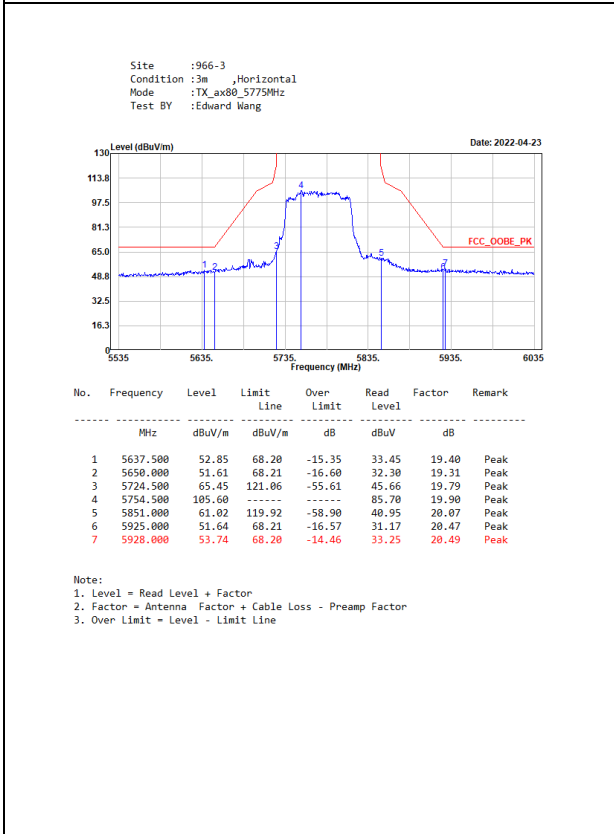
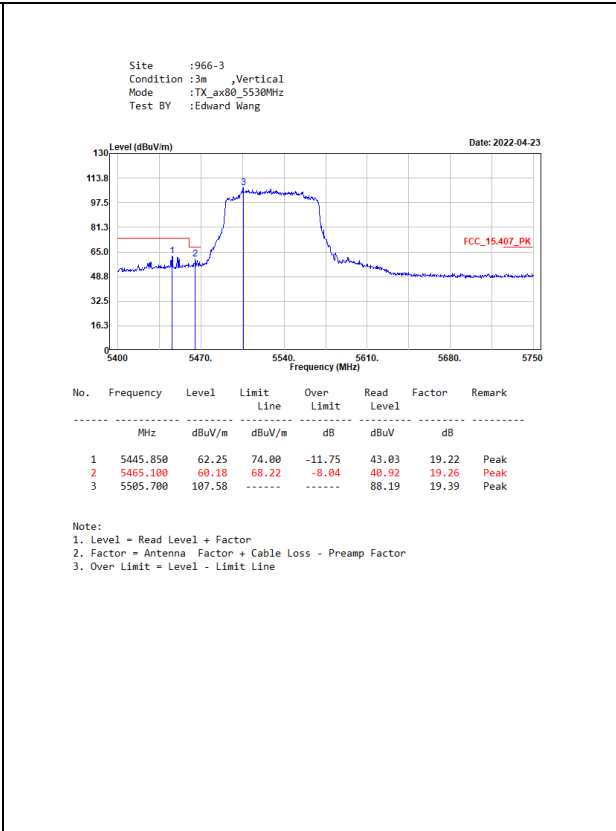
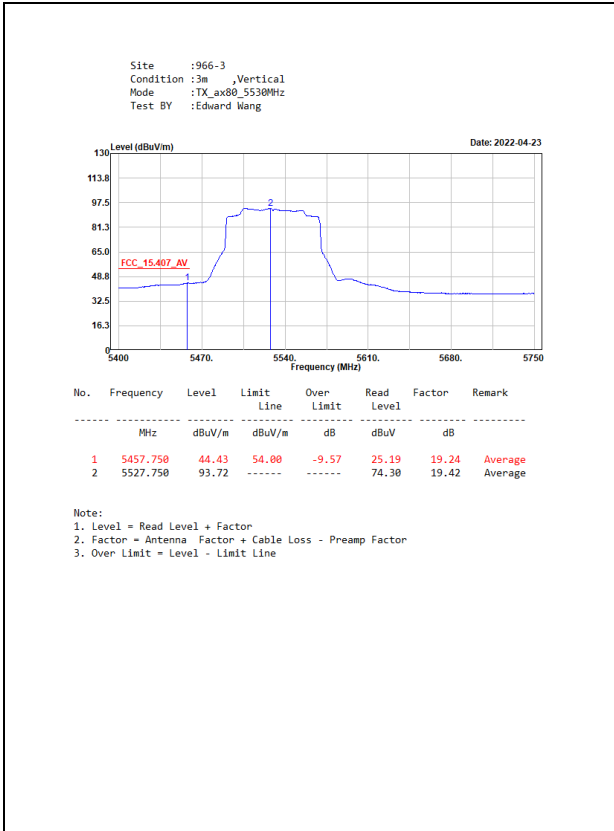


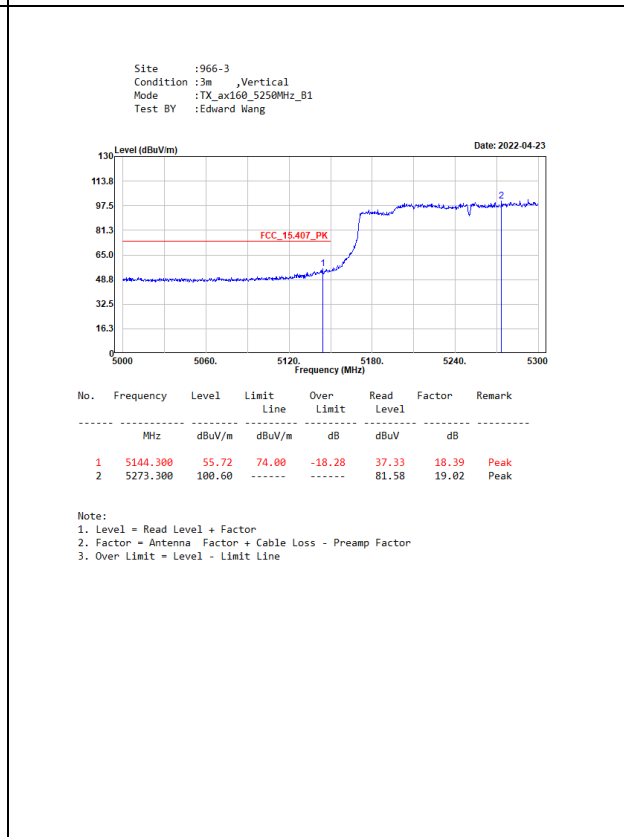
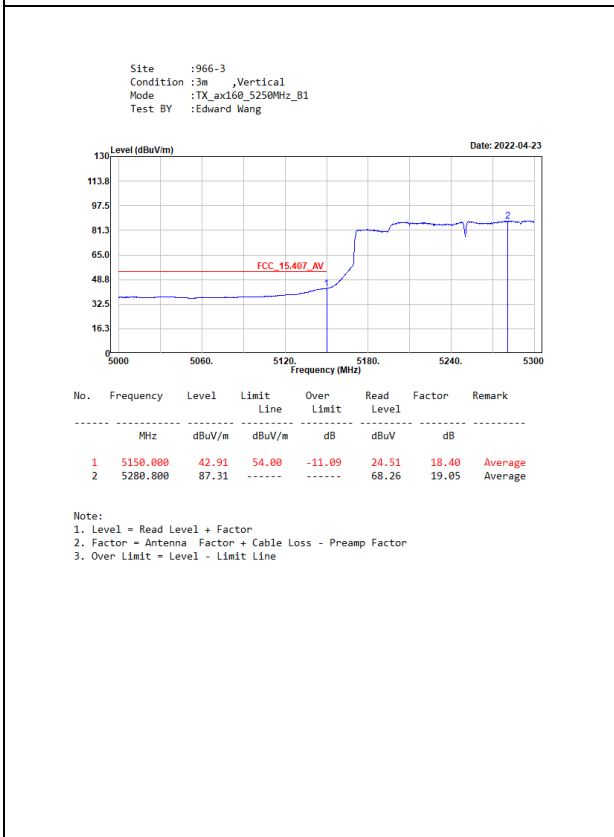
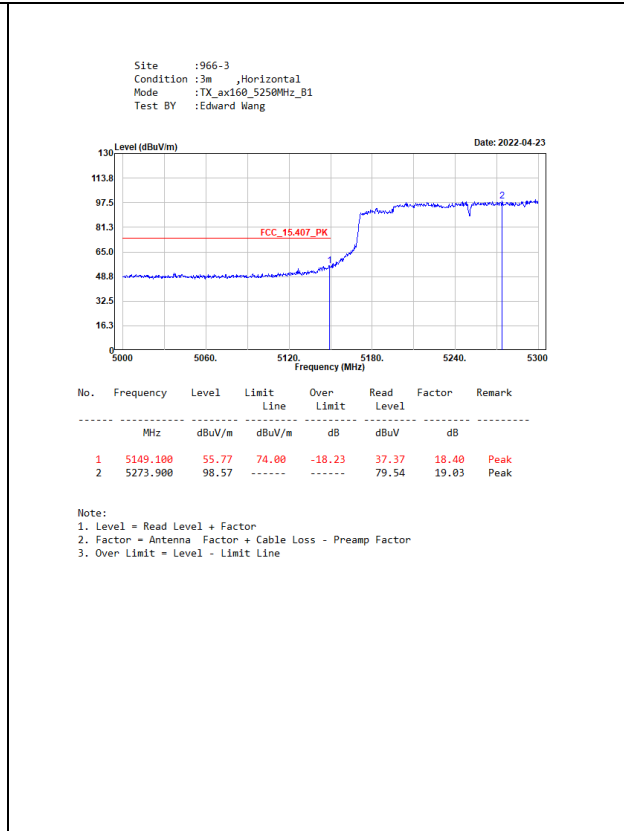
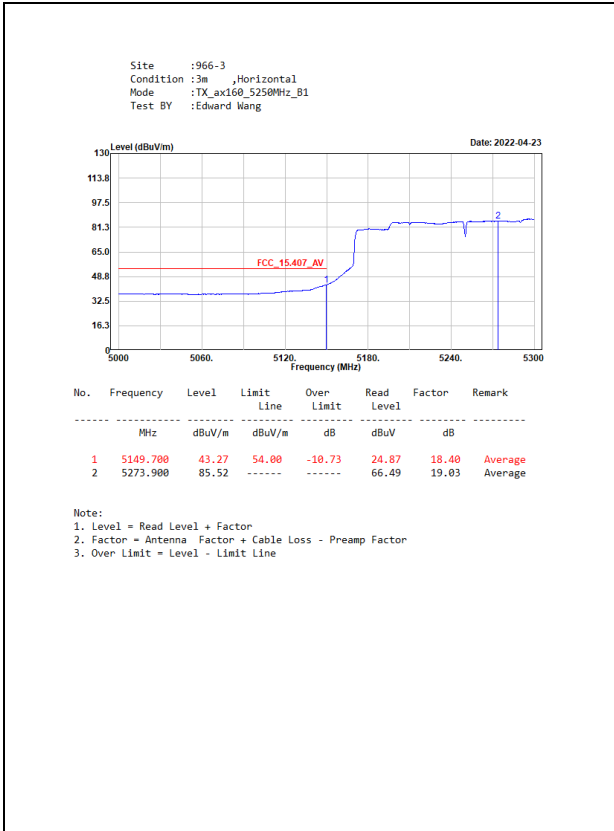


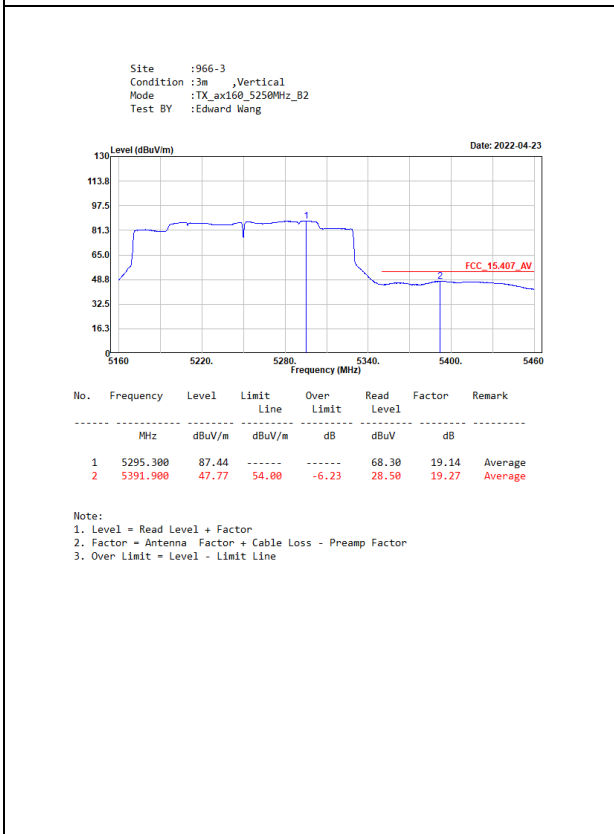
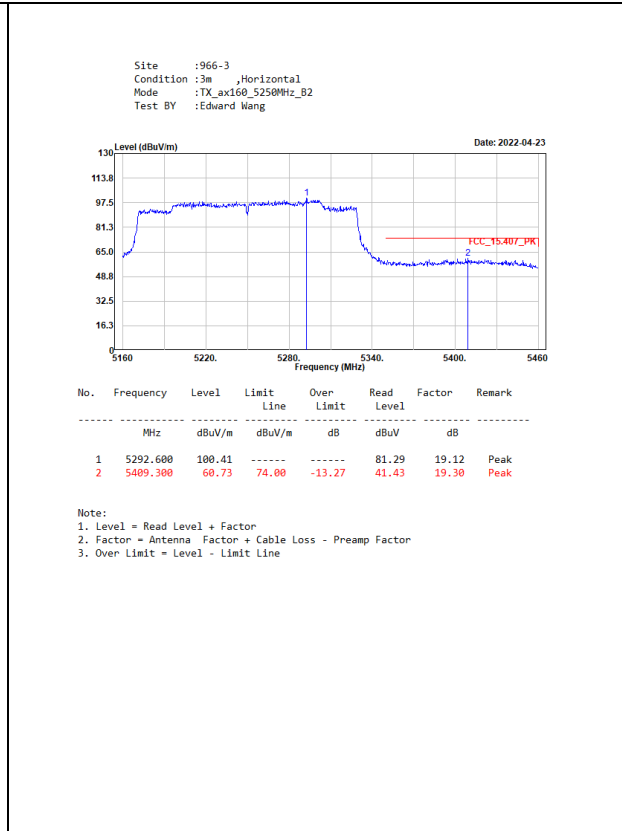
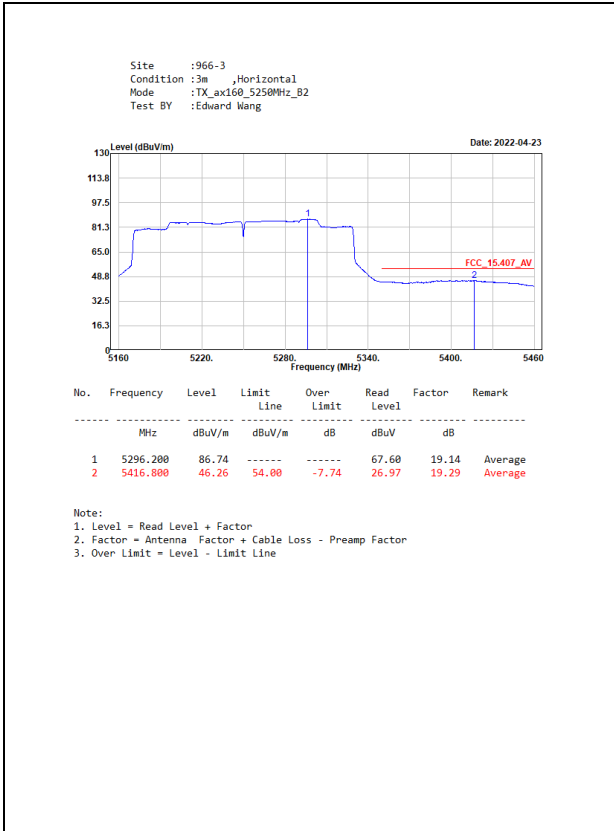


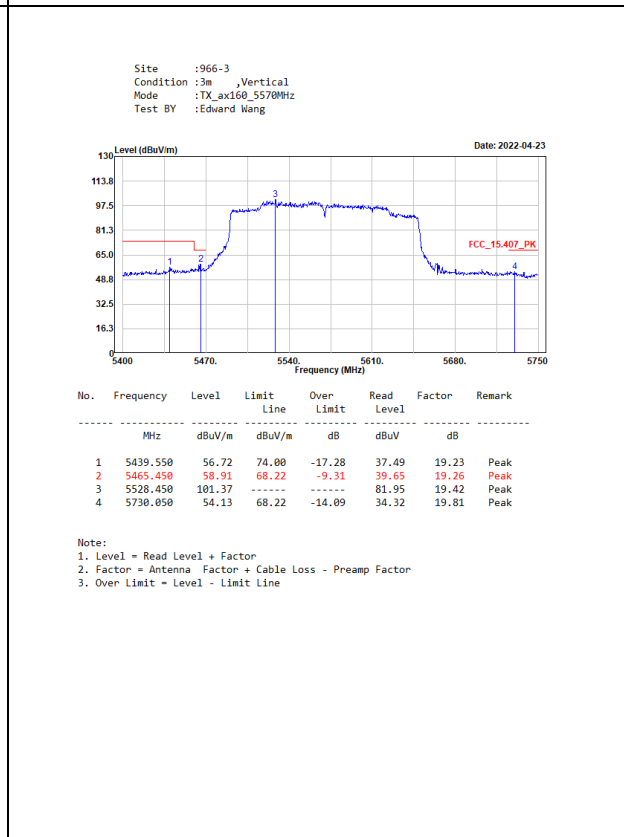
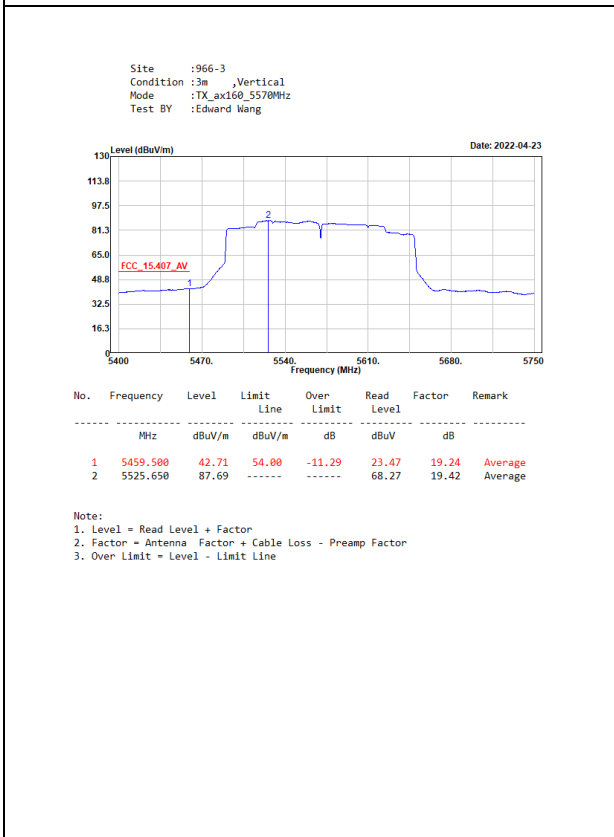
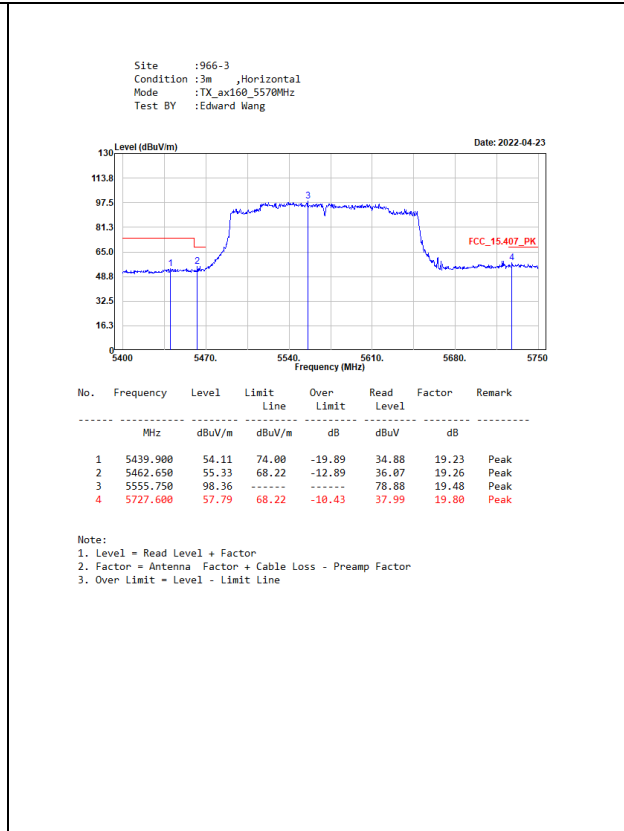
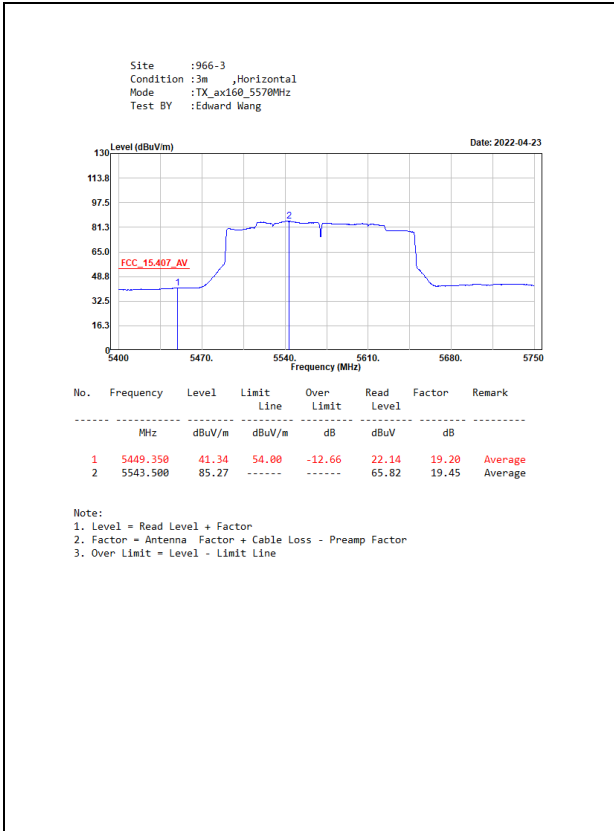




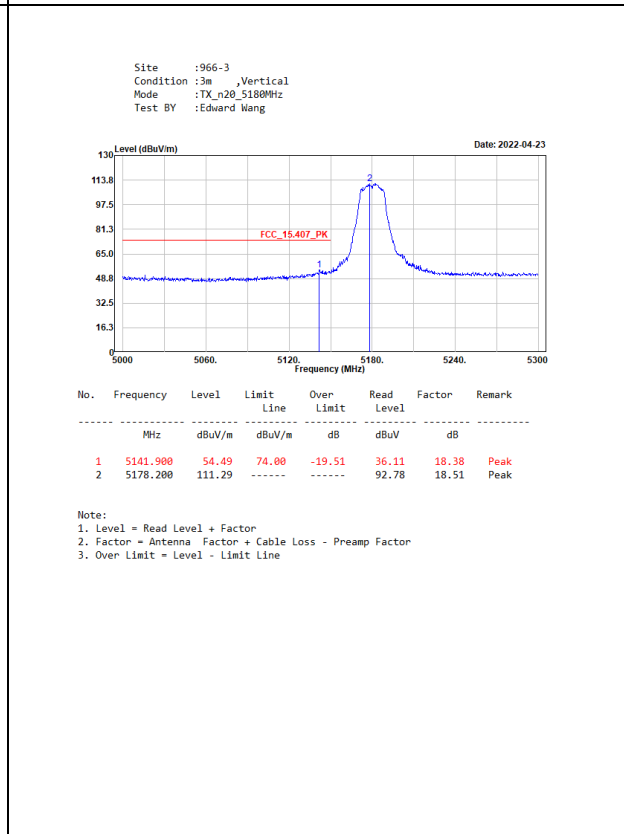
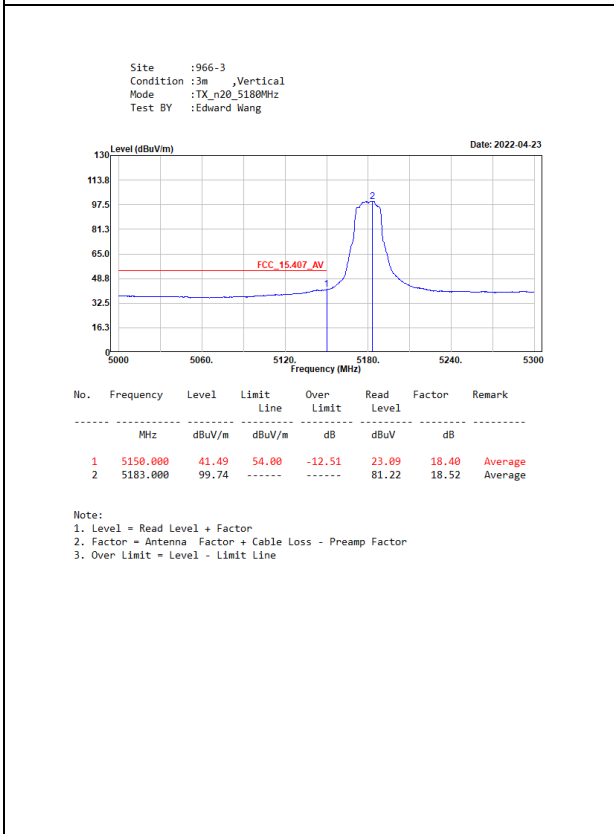
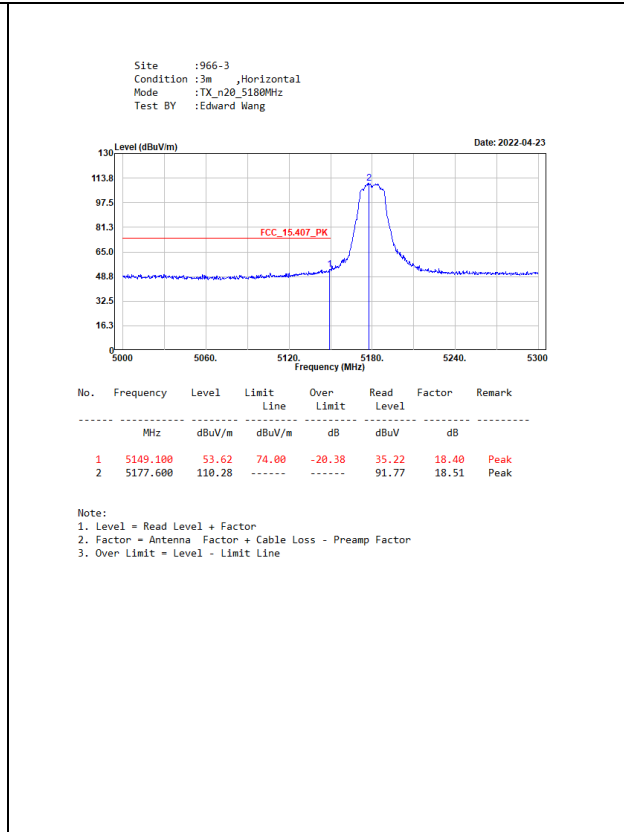
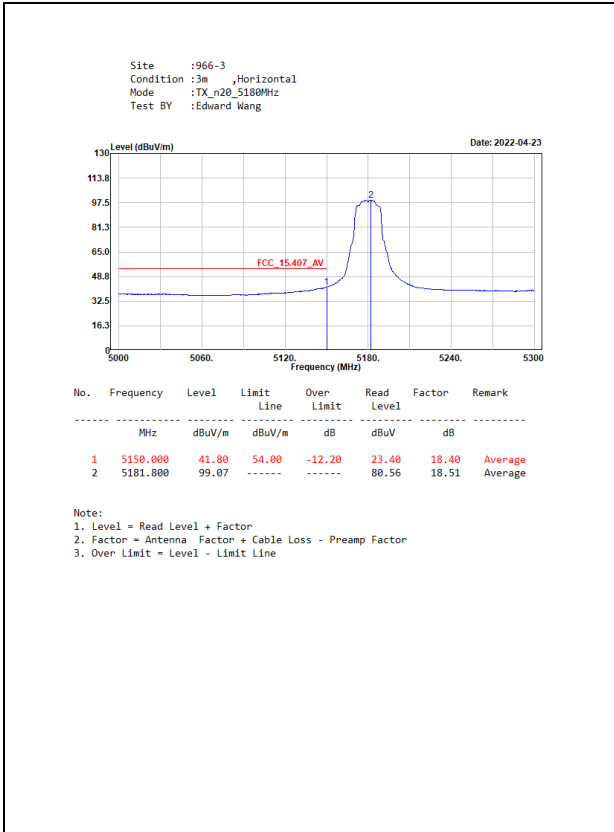




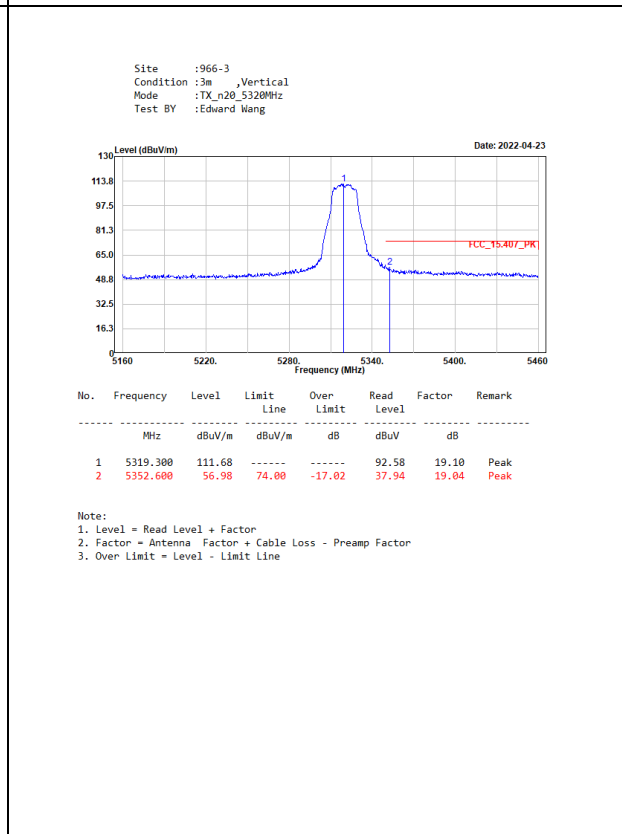
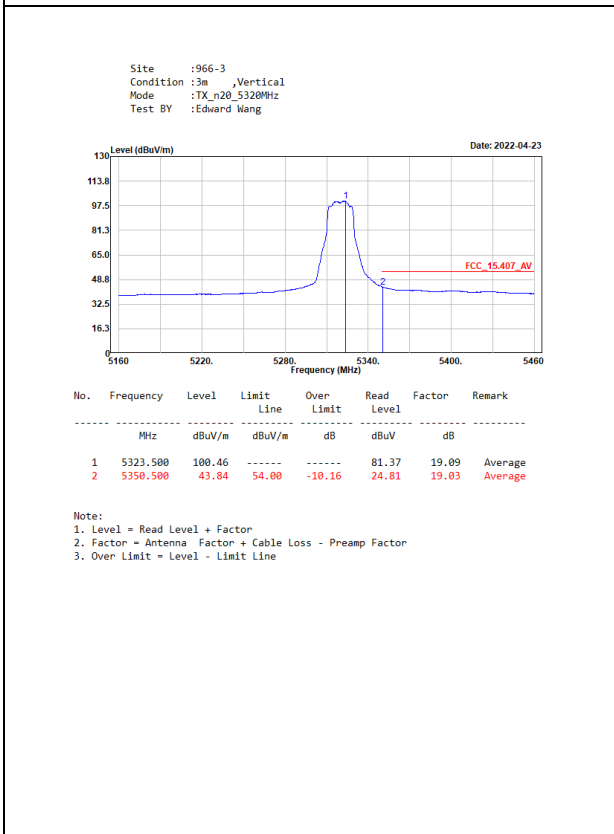
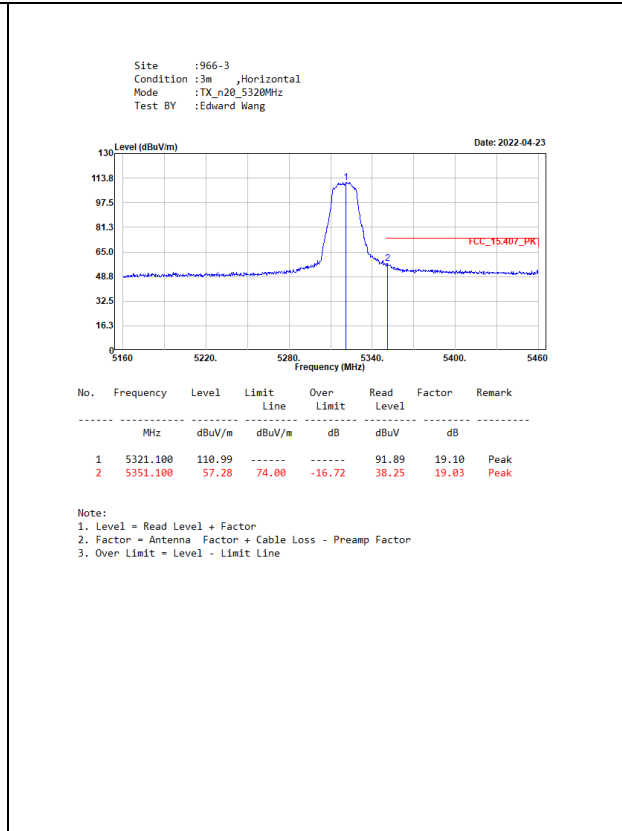
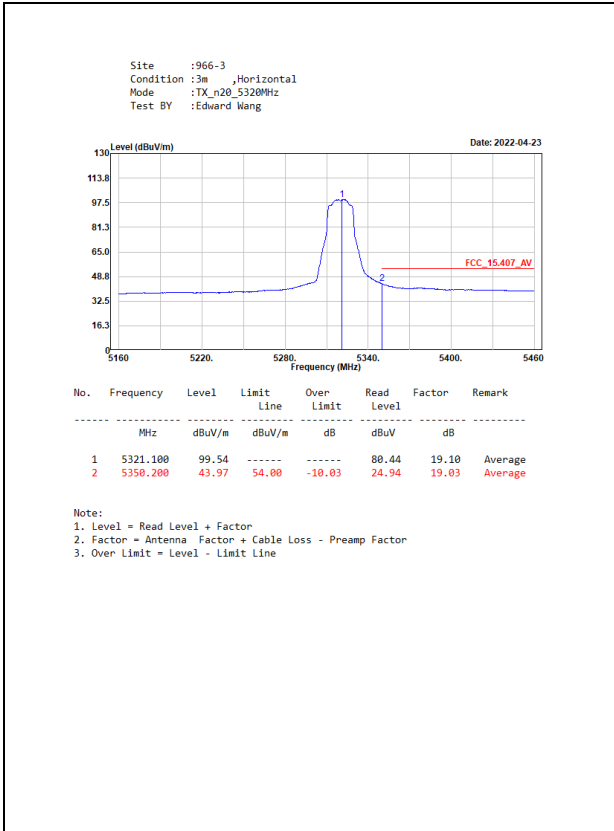


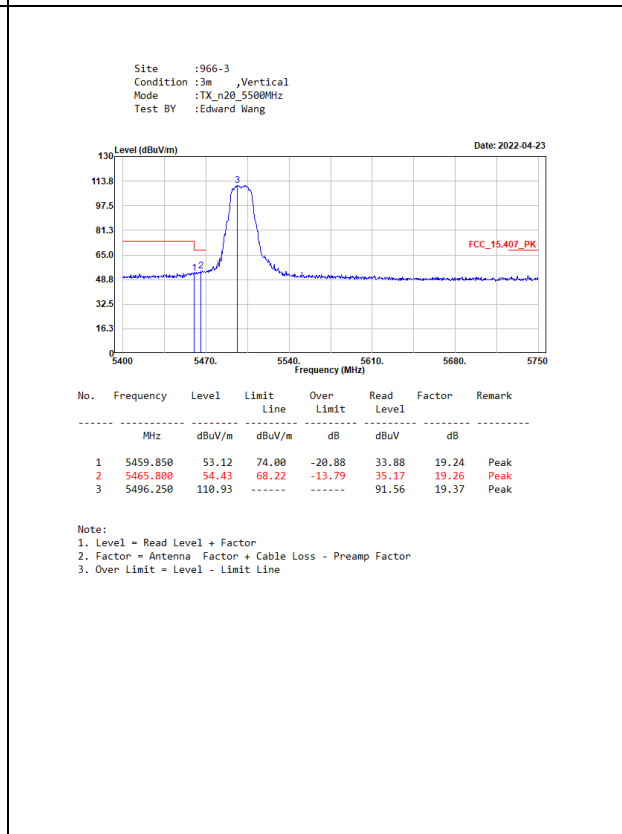
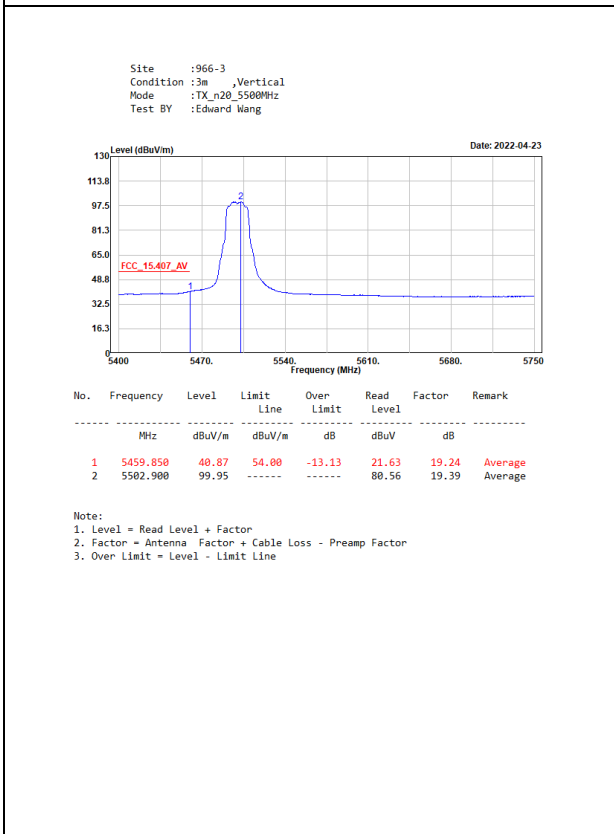
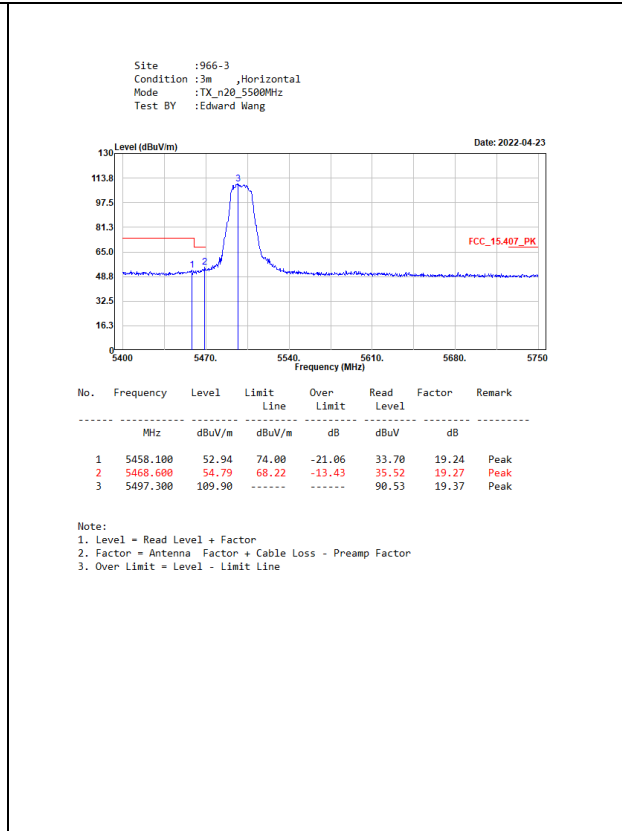
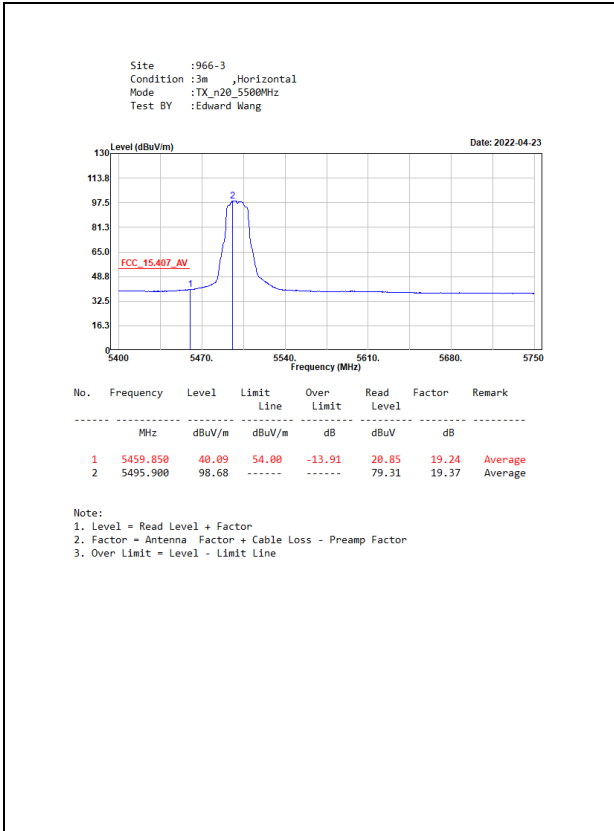


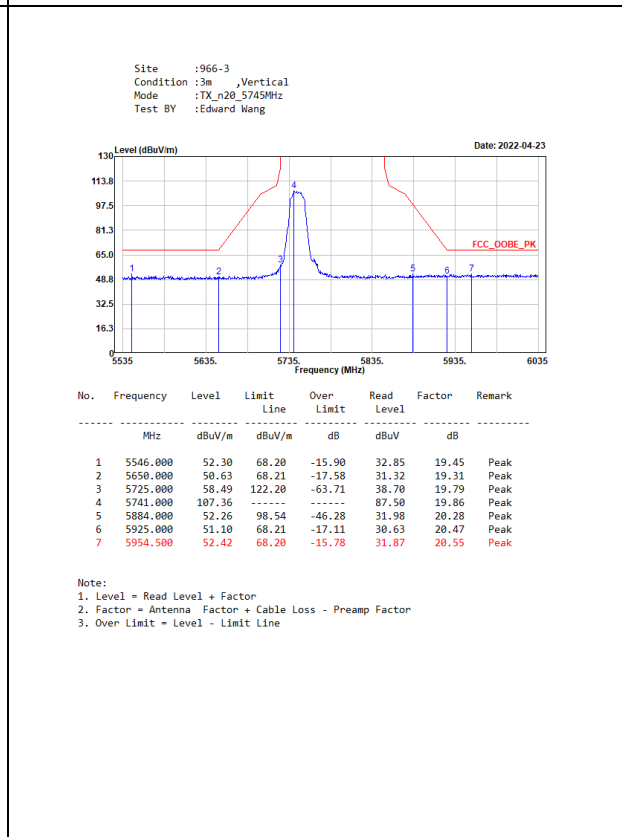
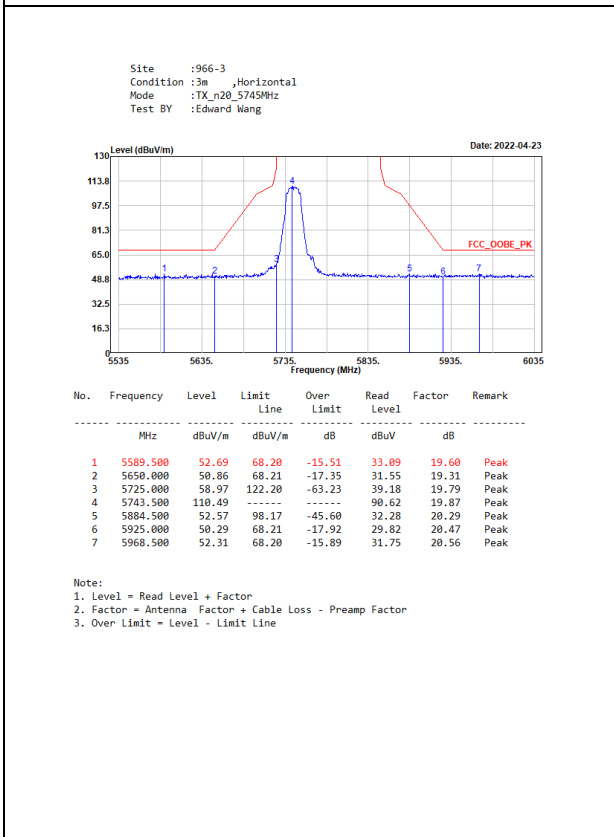
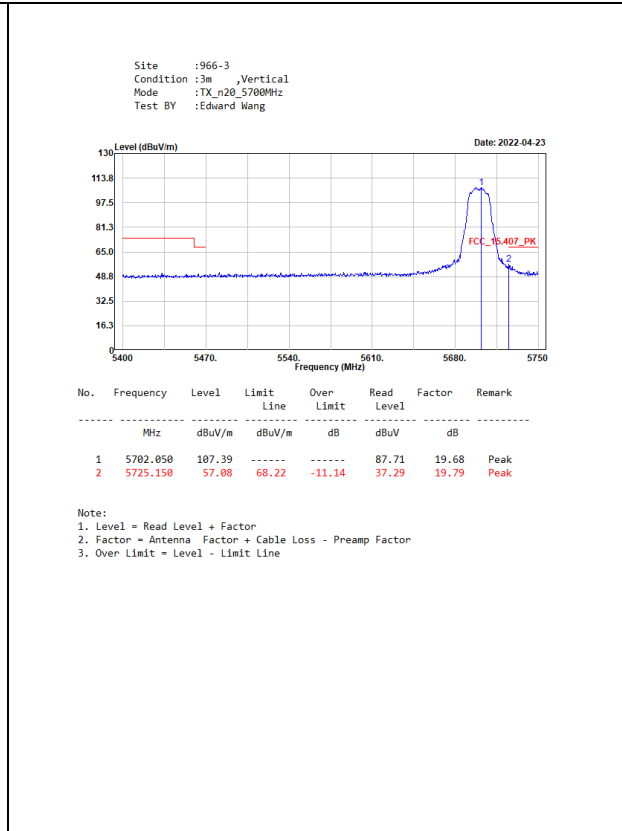
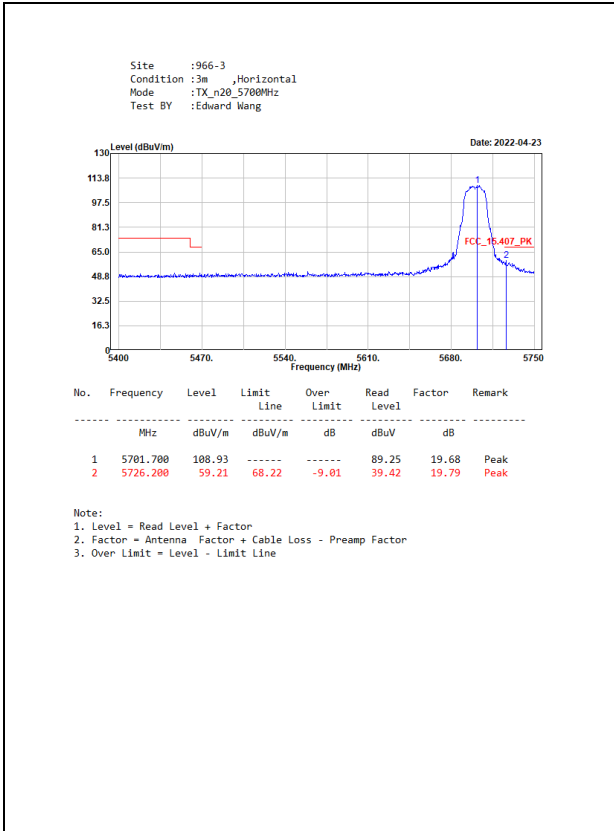
MIMO

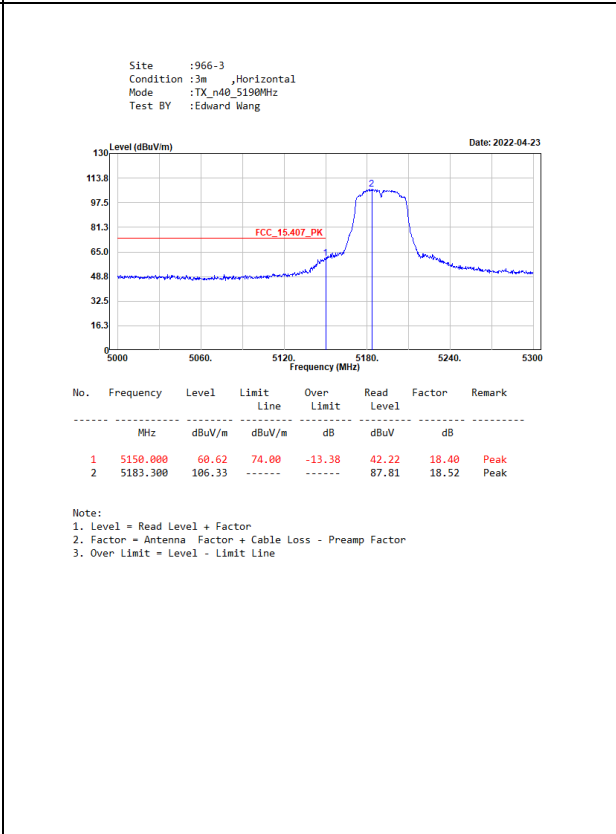
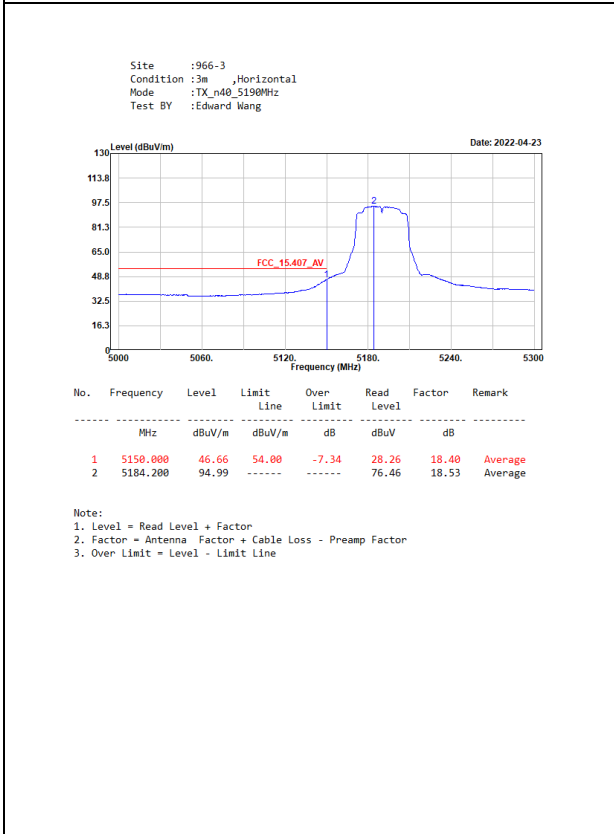
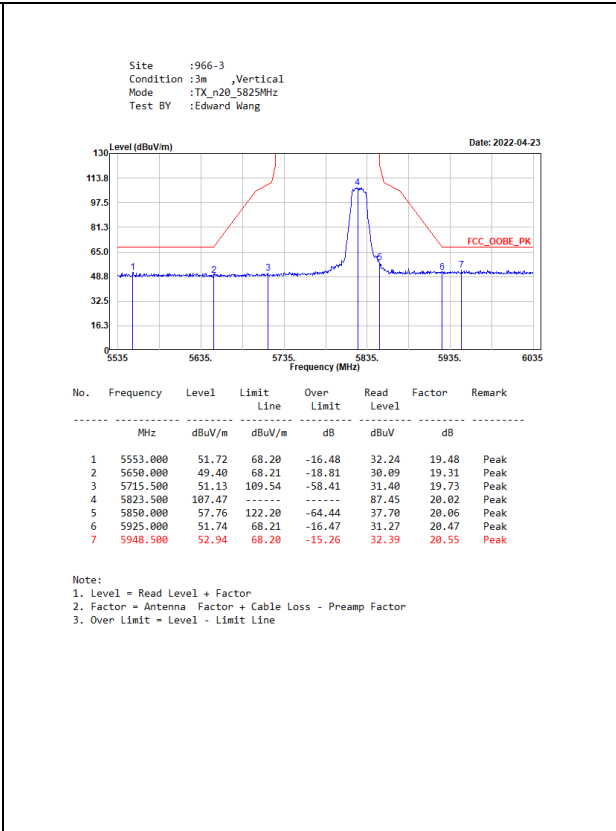
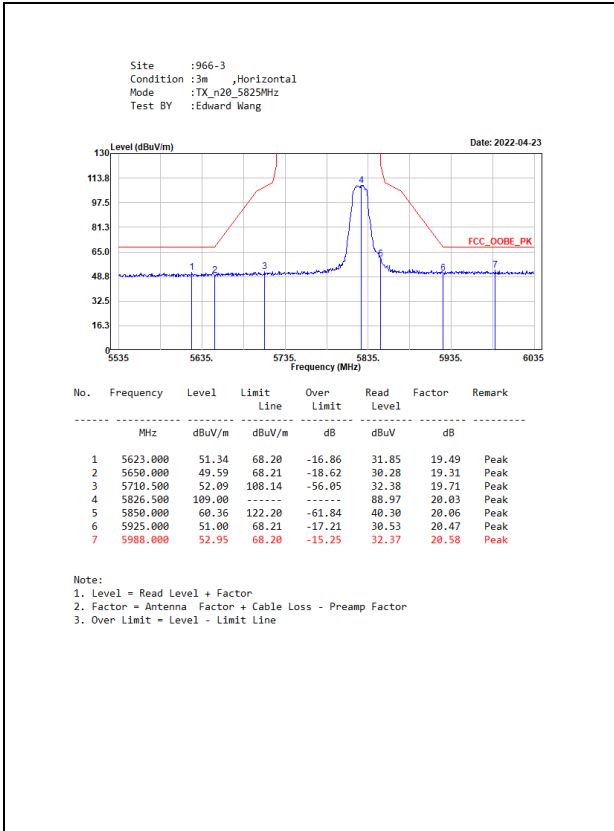


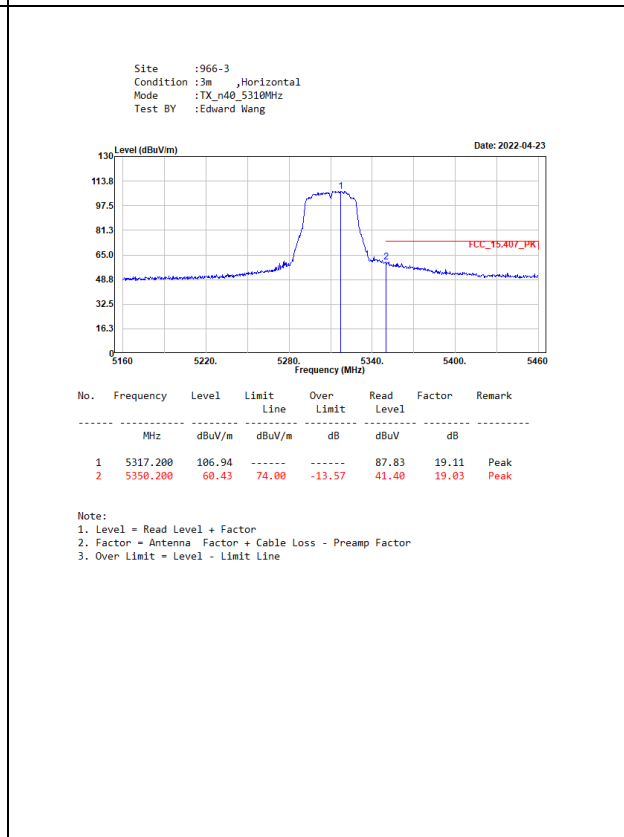
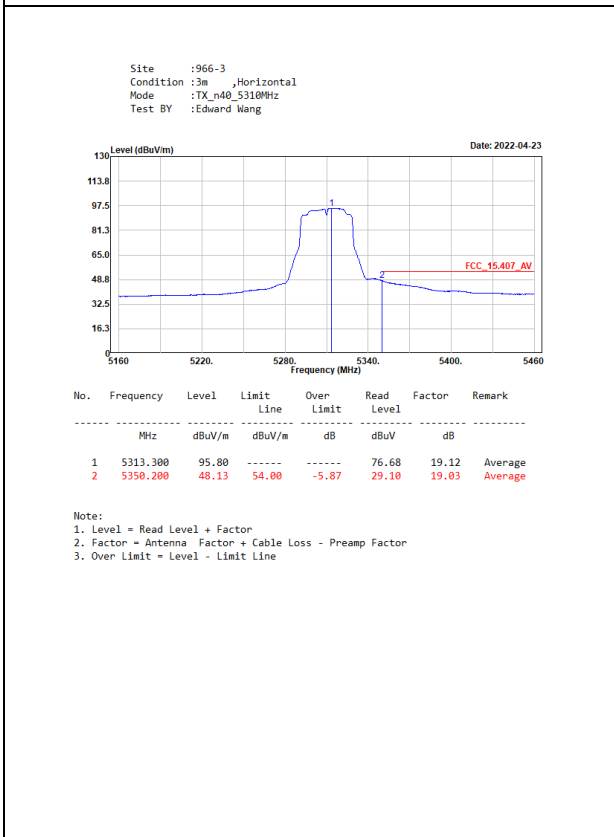
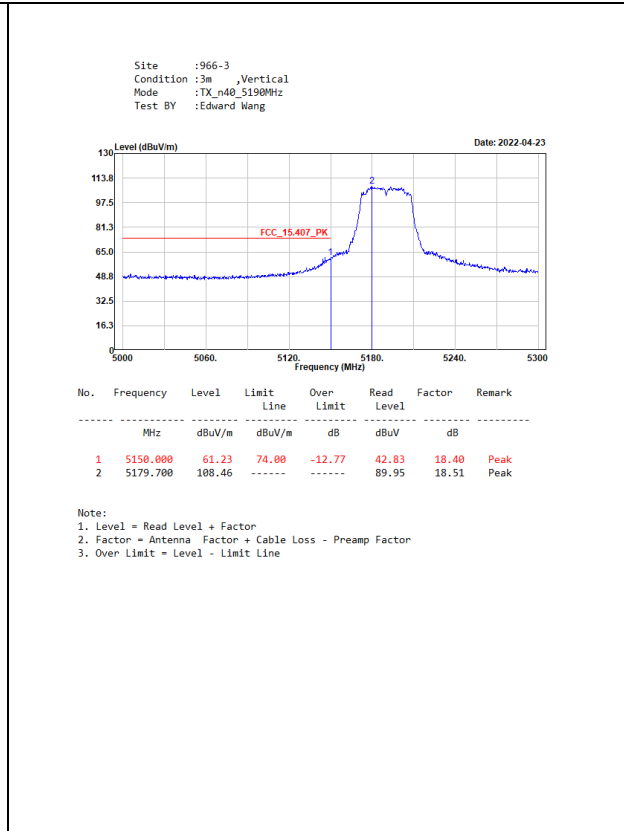
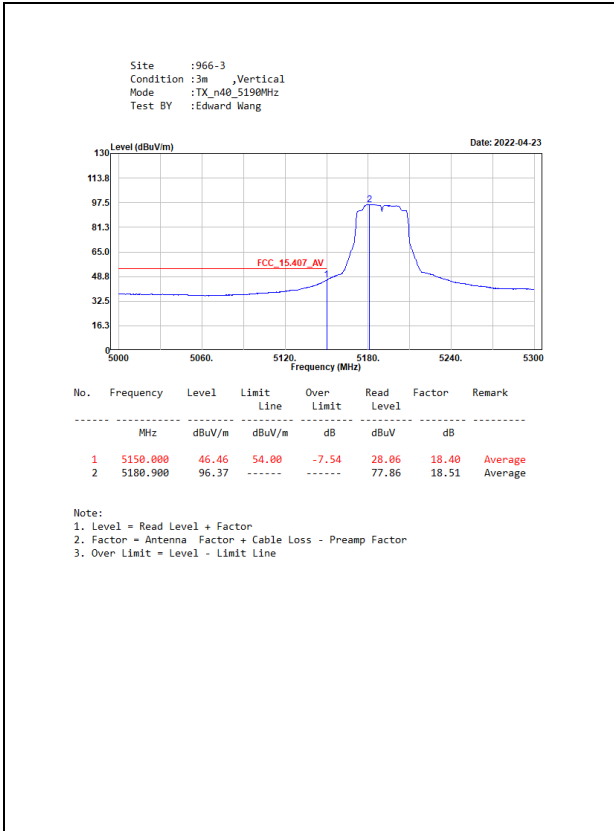


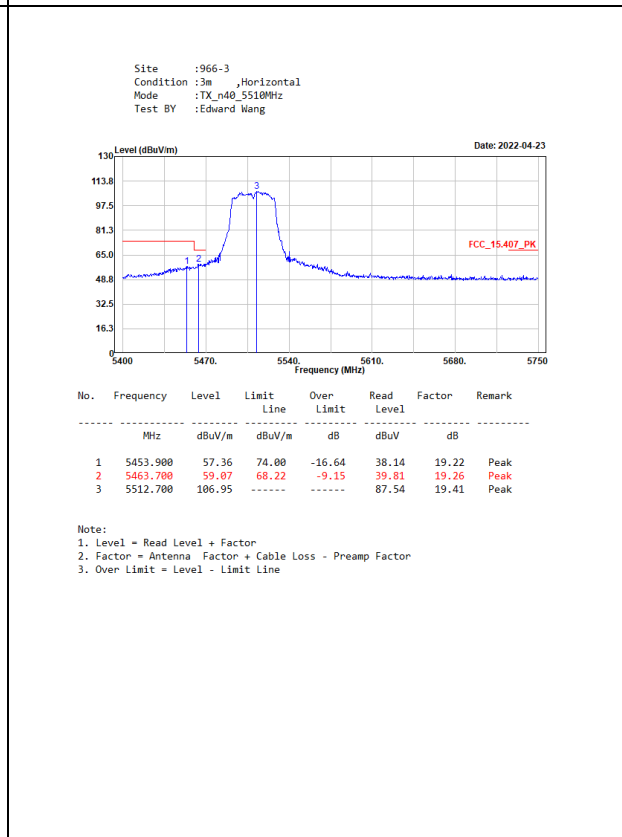
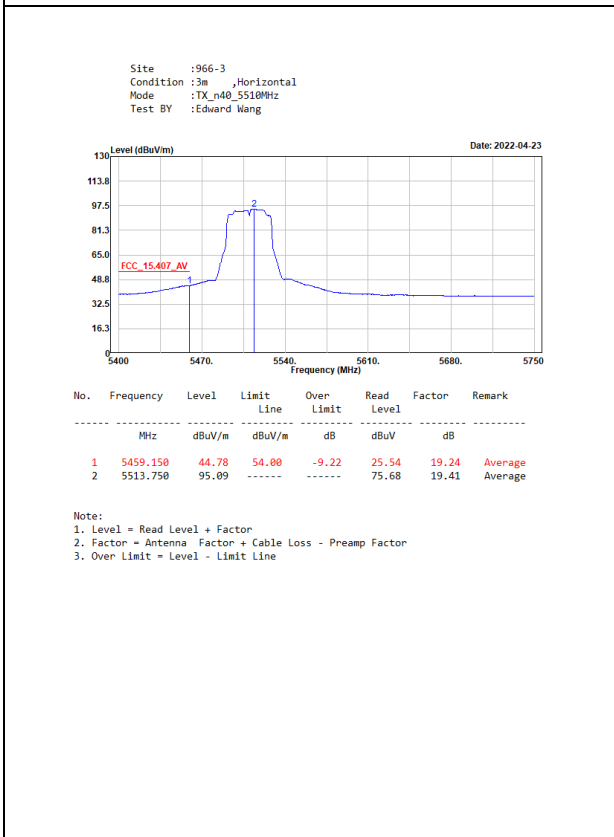
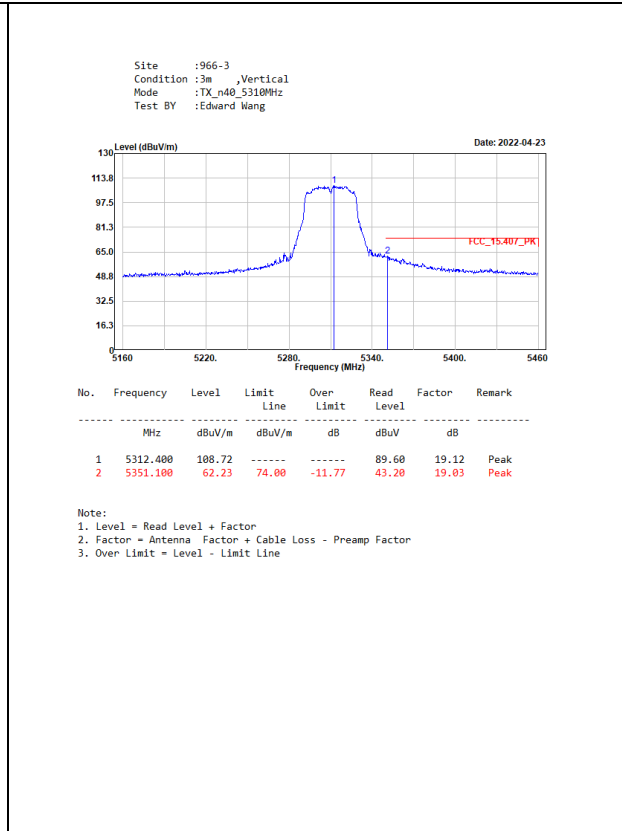
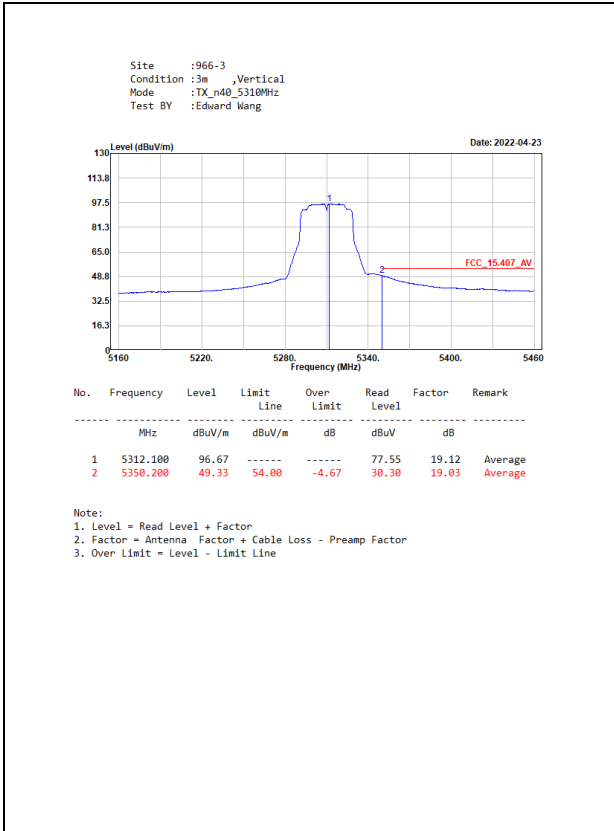


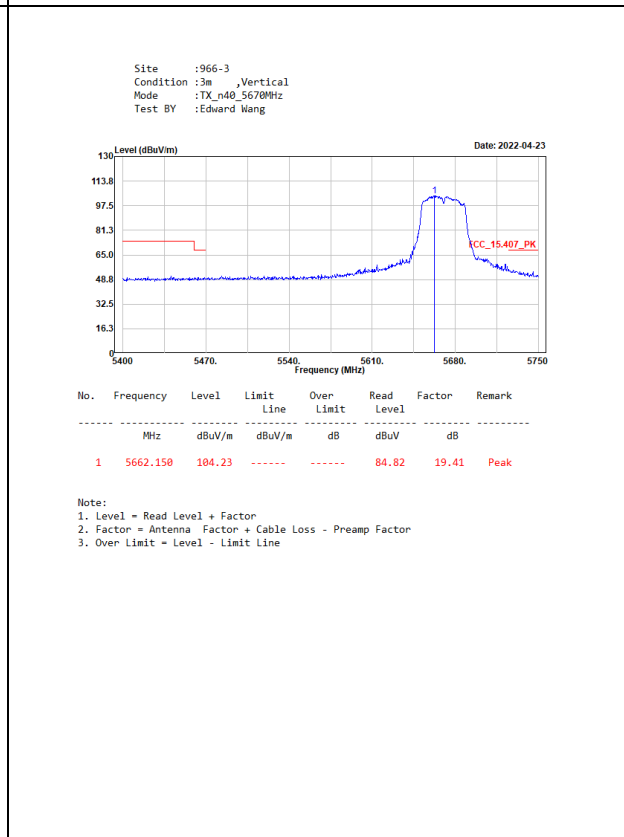
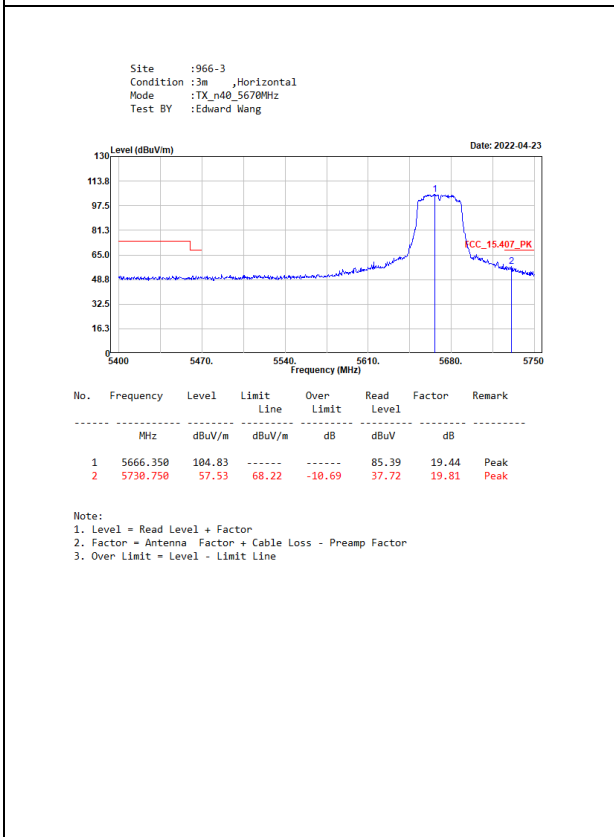
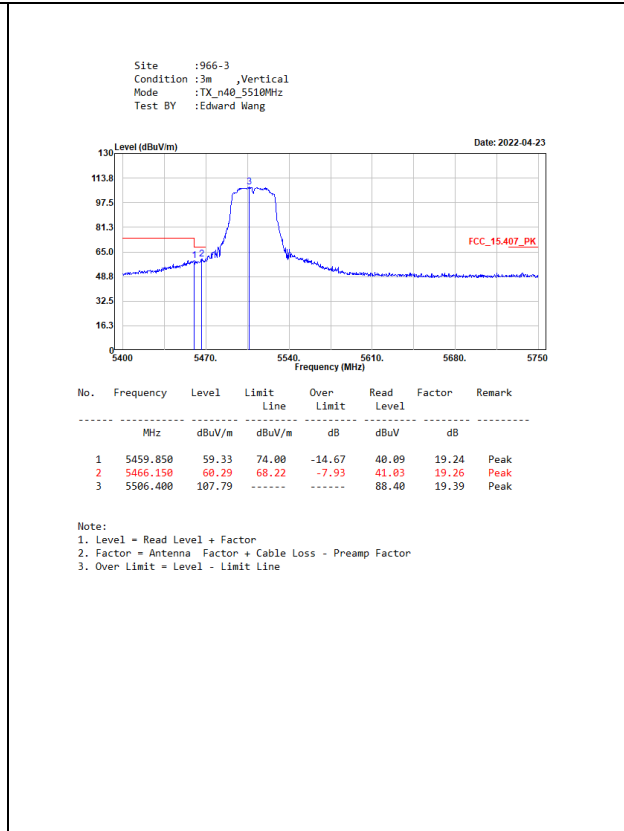
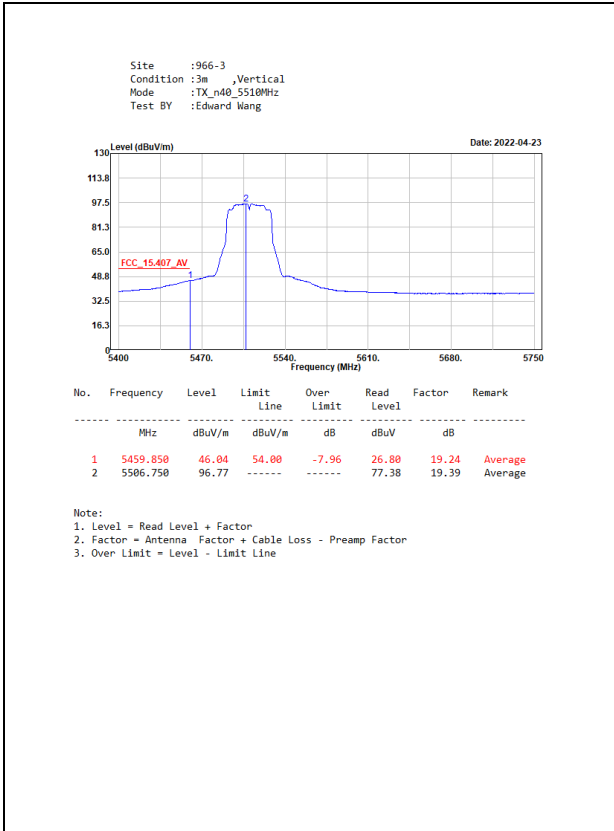


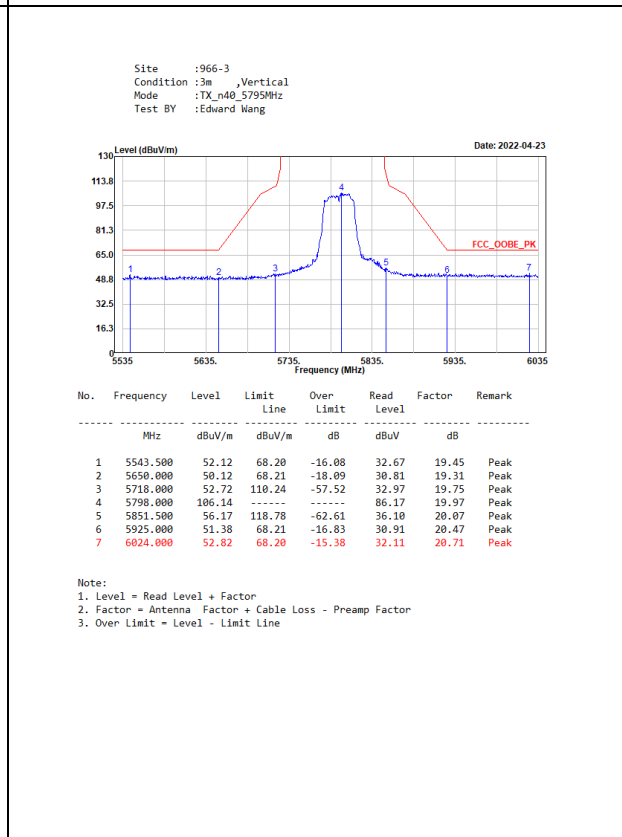
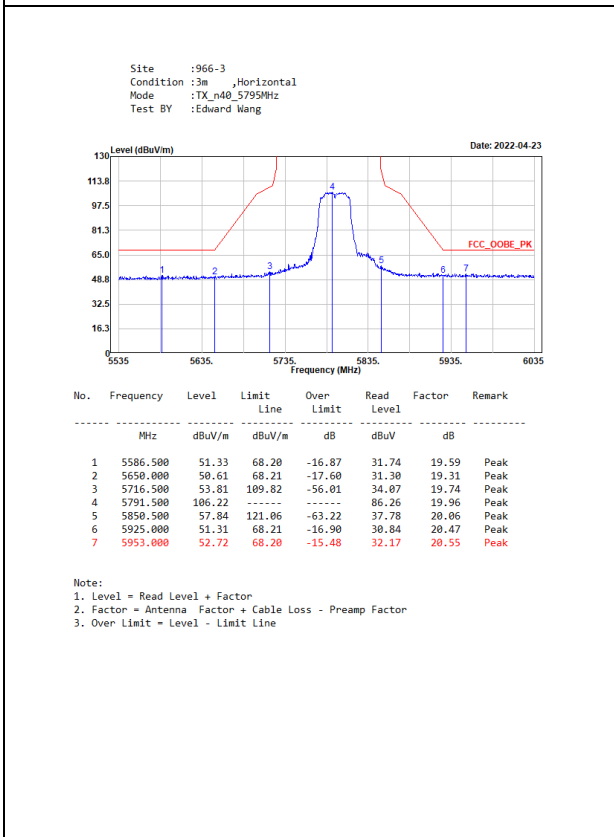
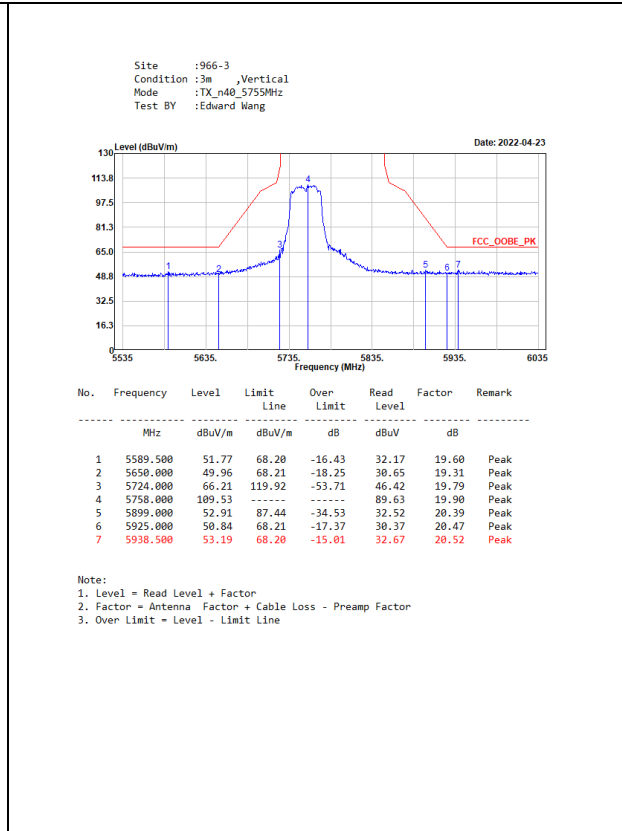
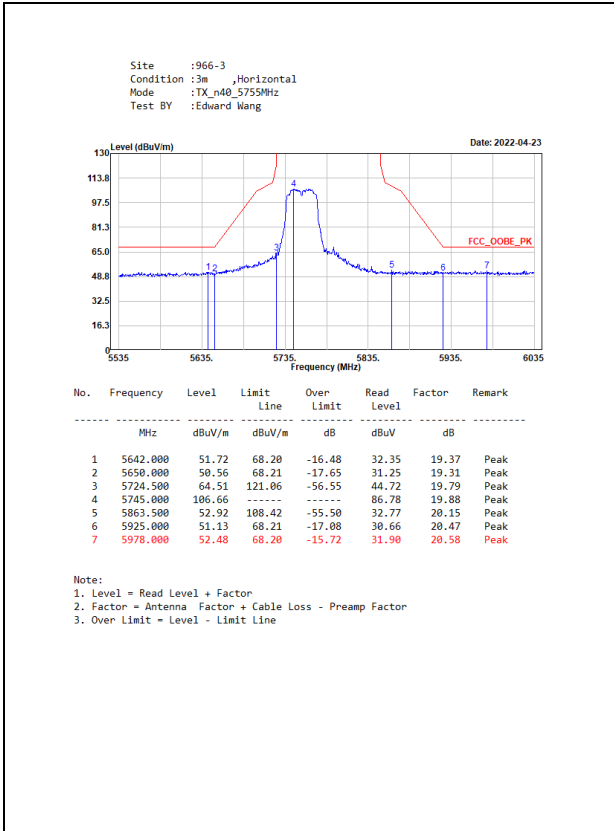




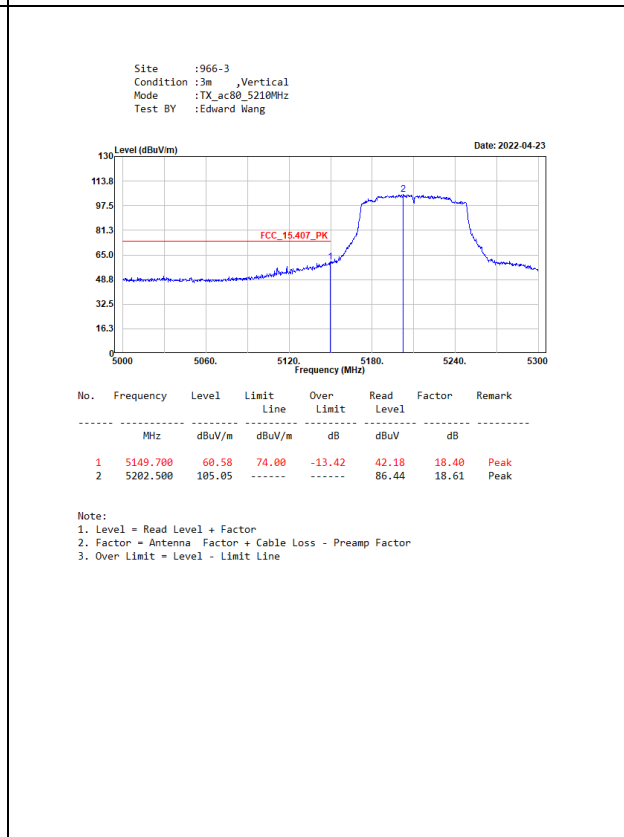
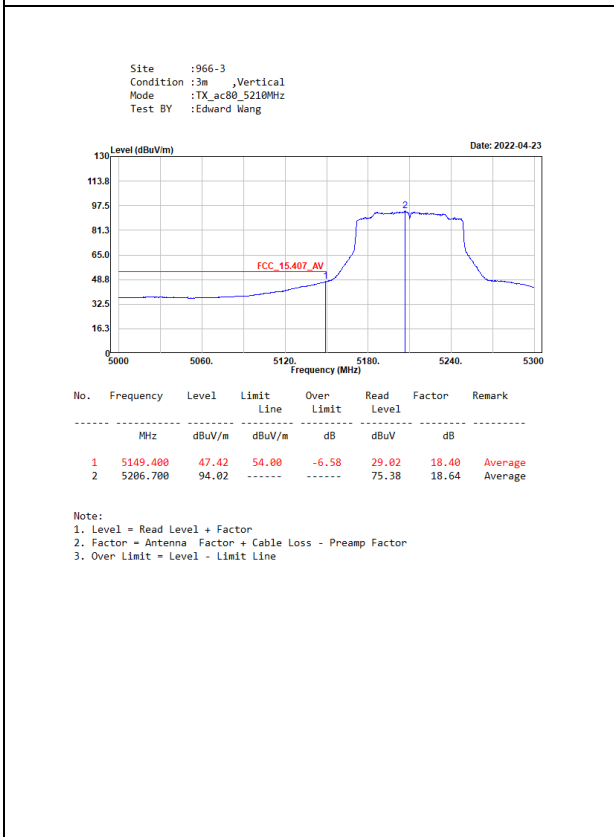
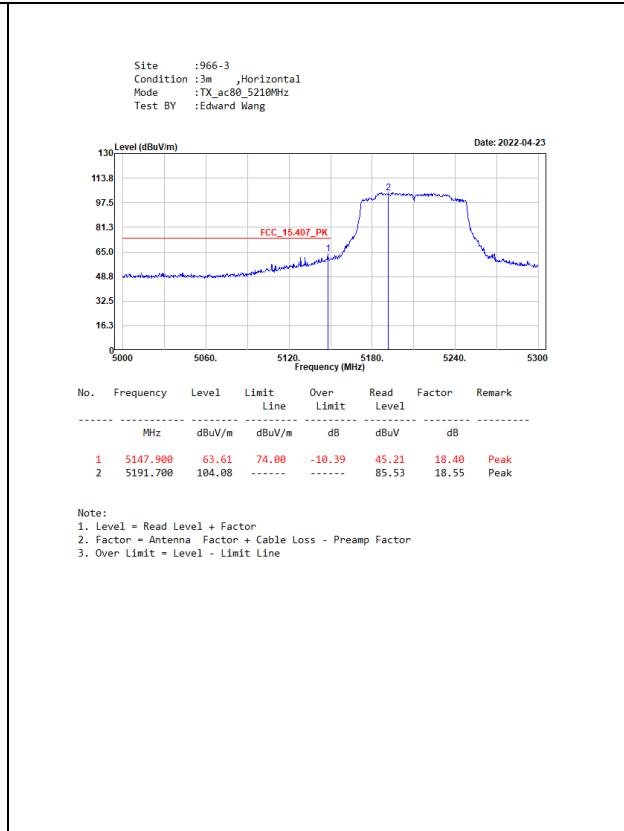
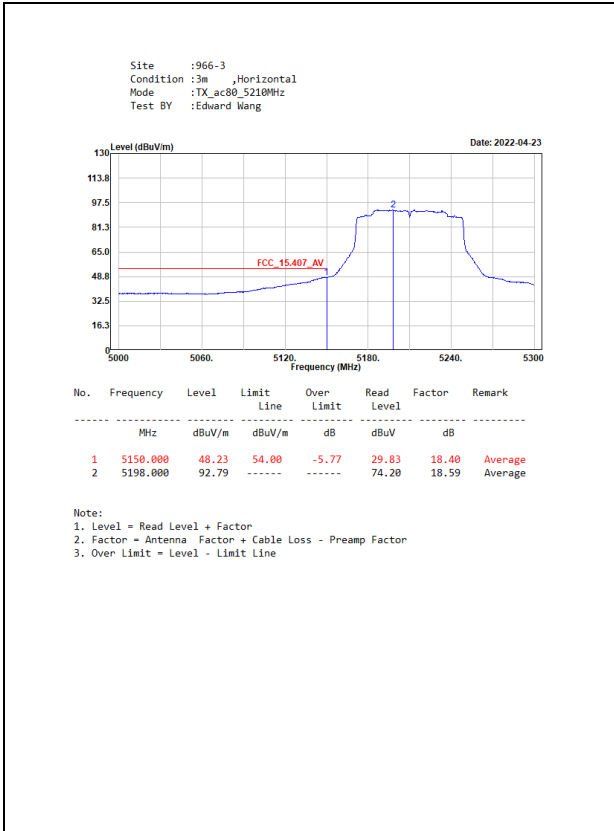


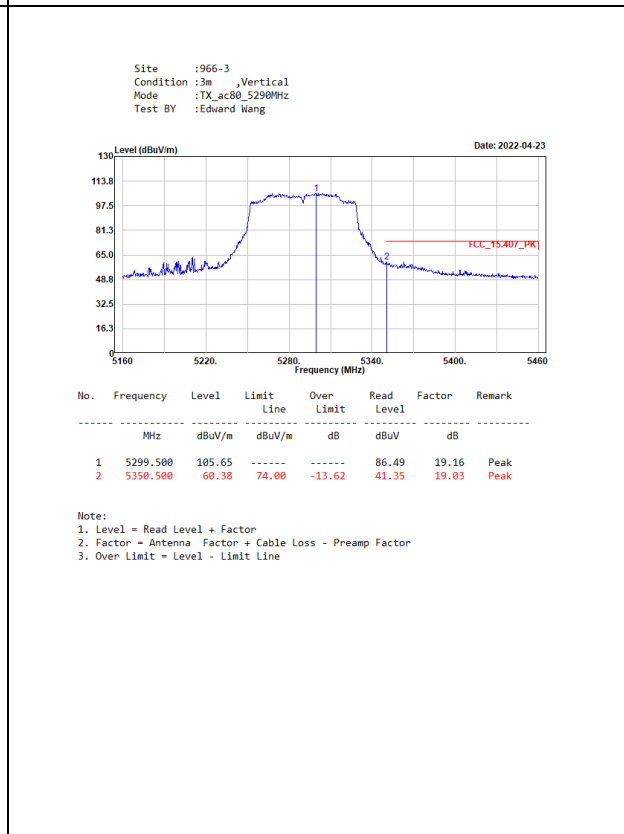
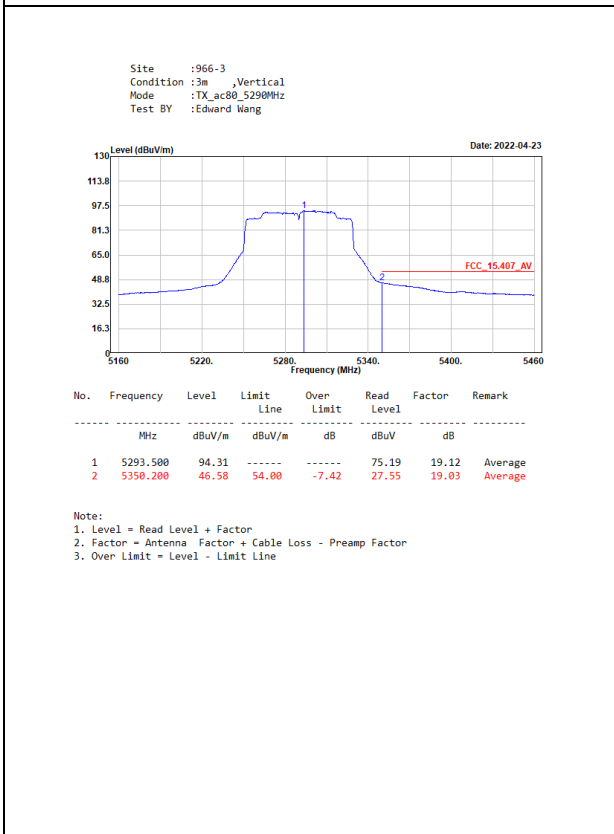
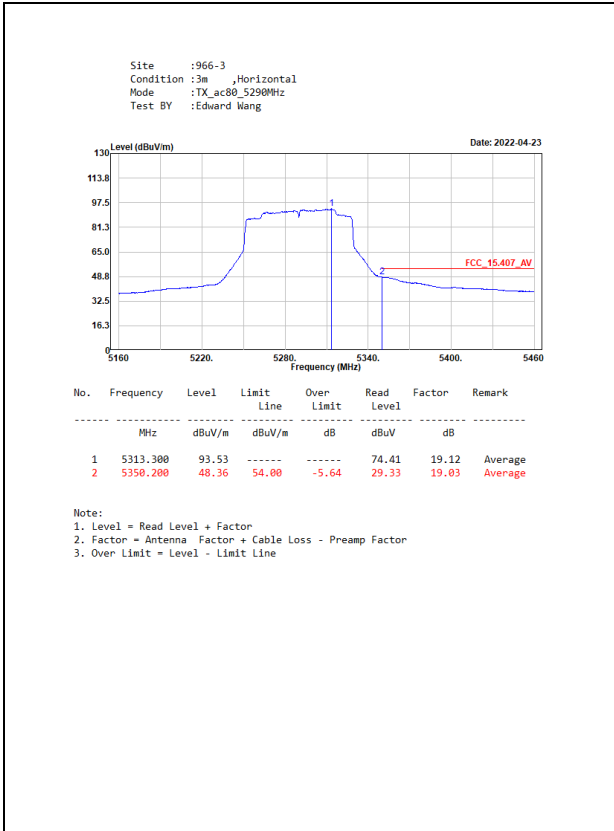


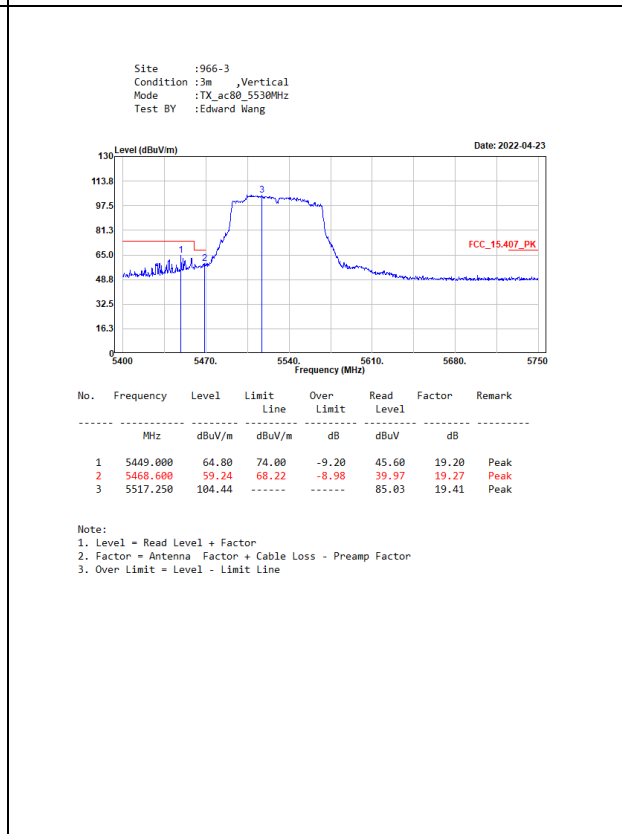
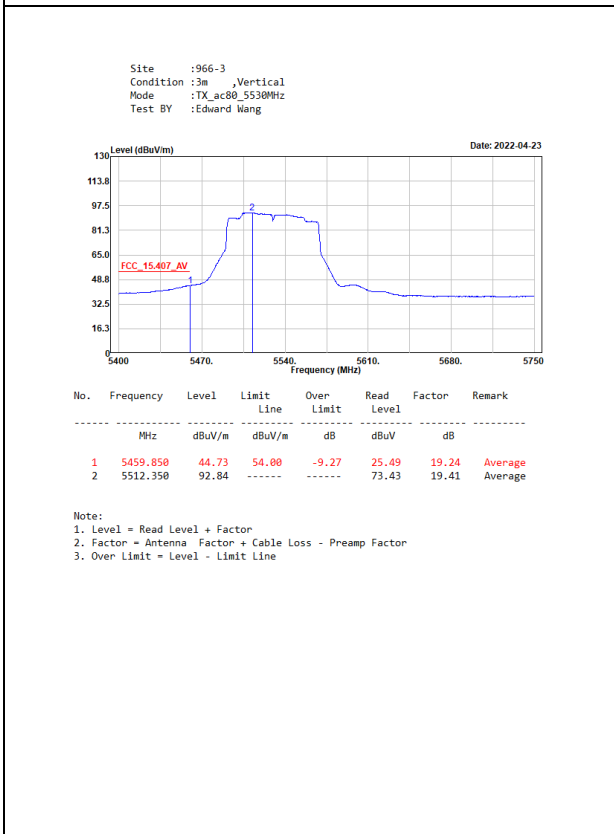
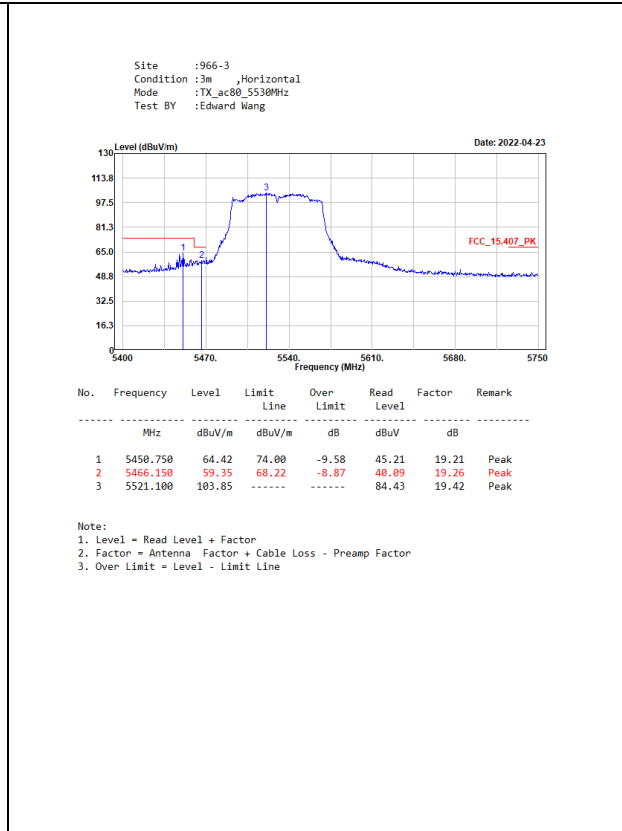
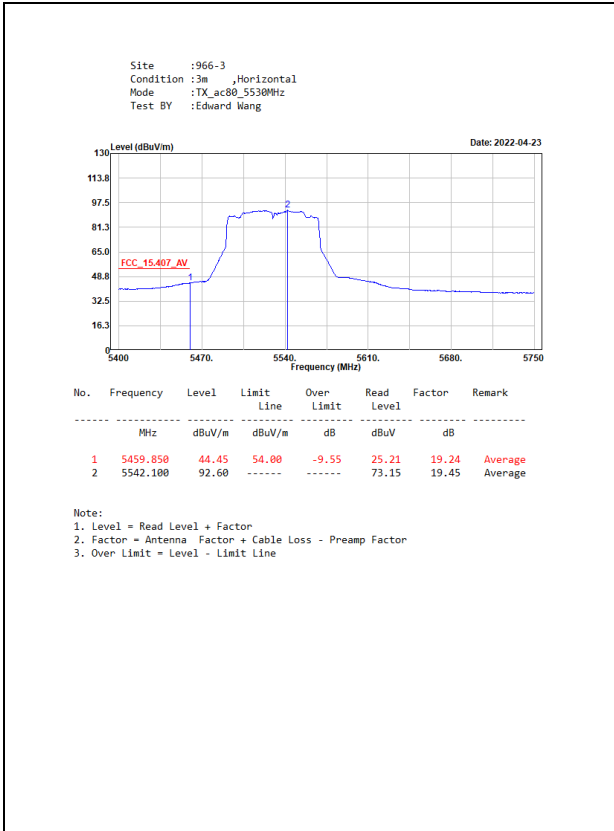


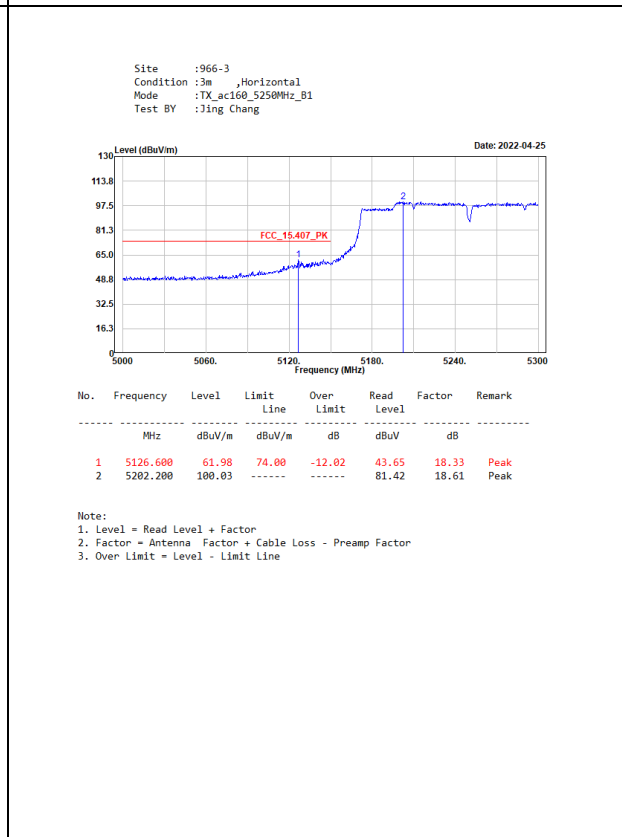
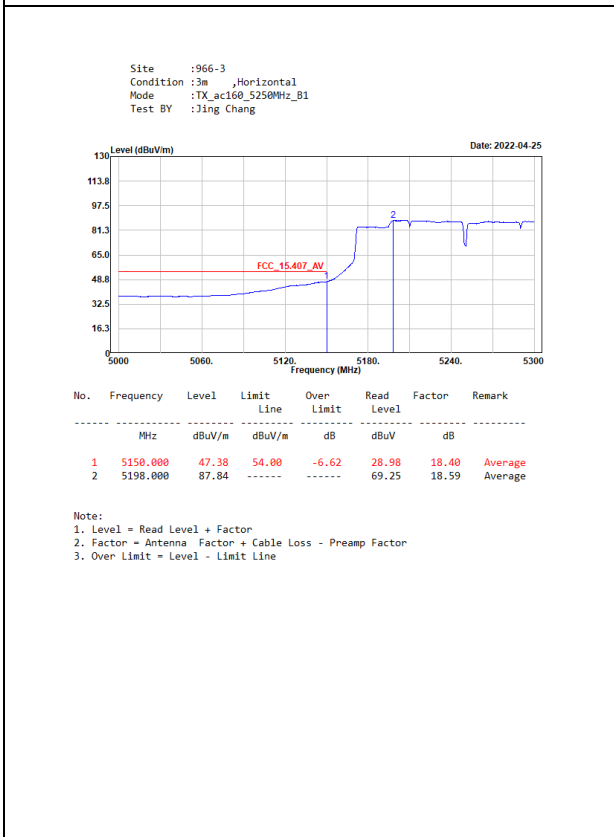
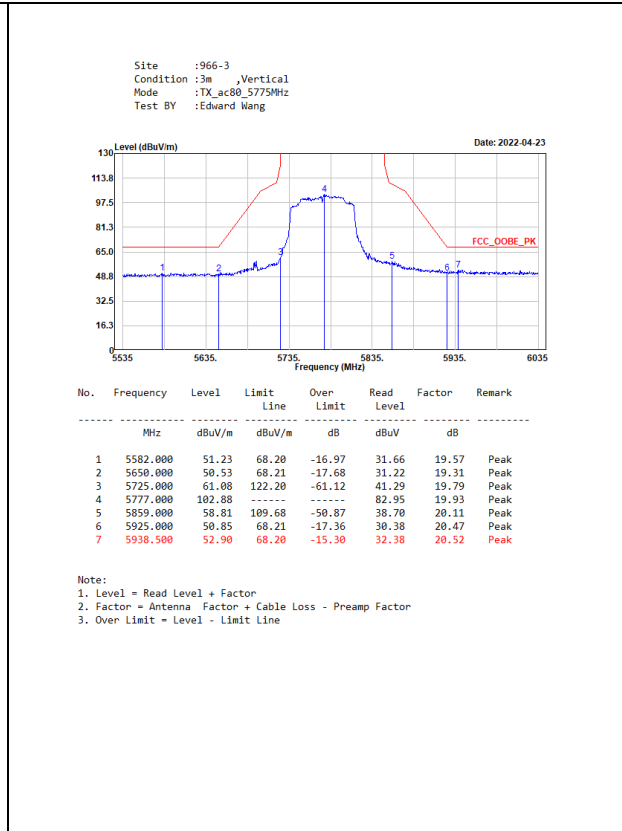
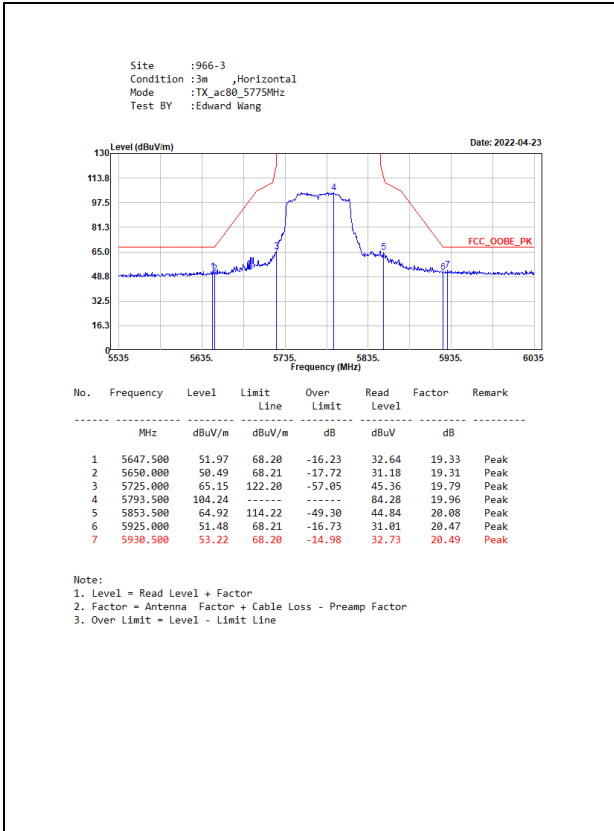


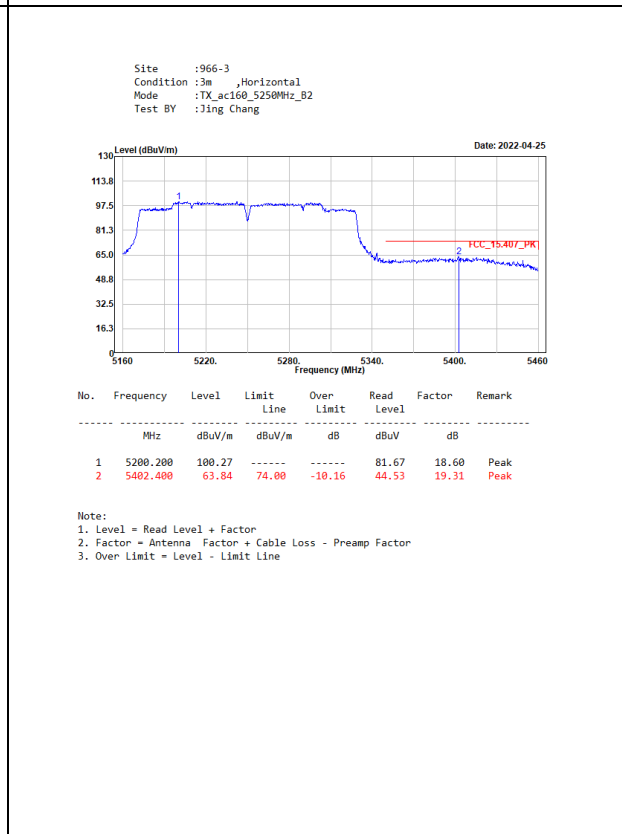
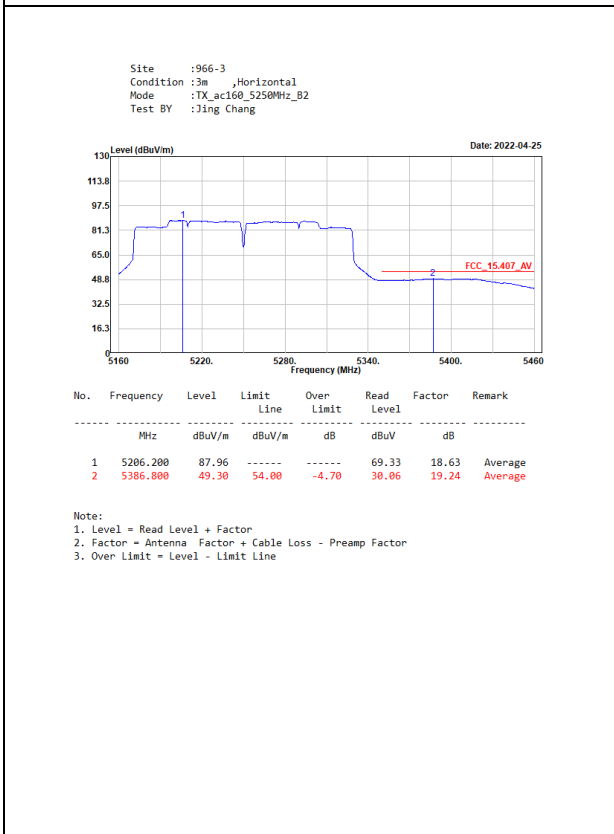
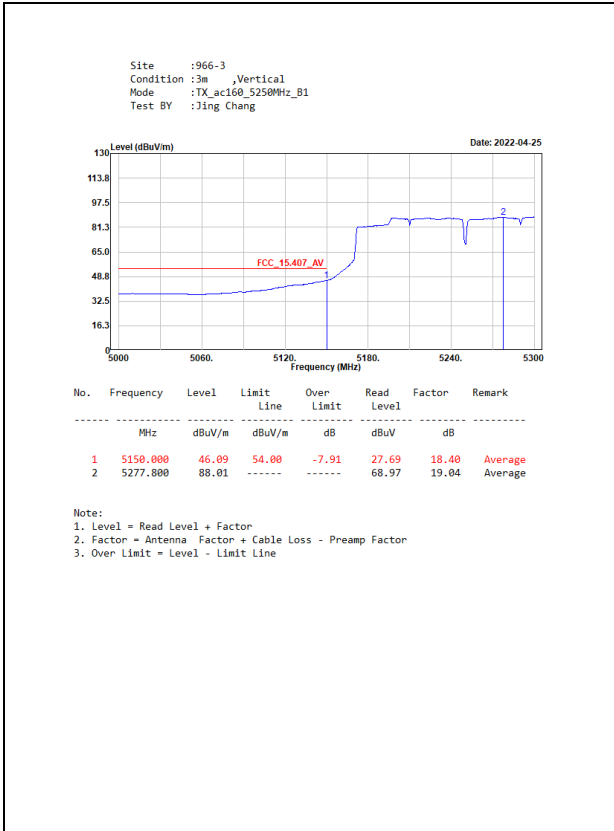


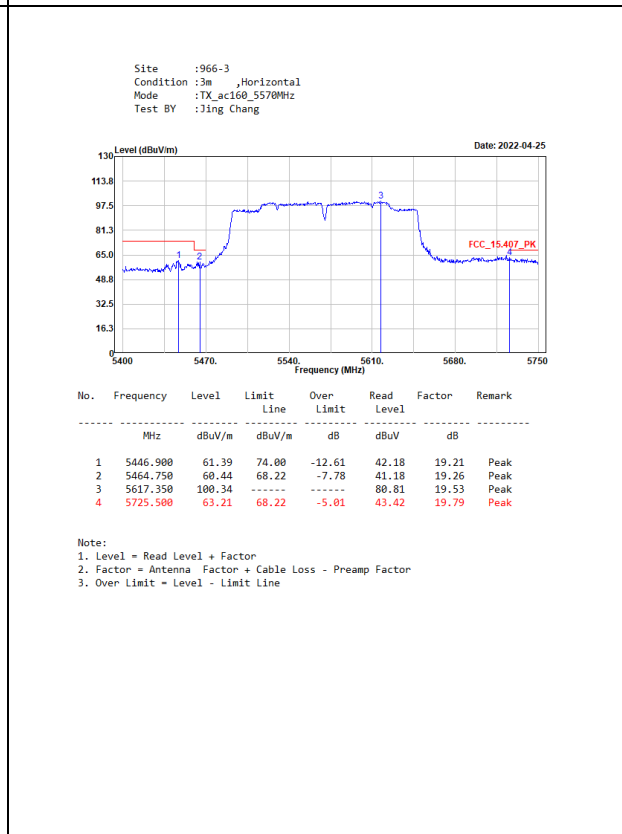
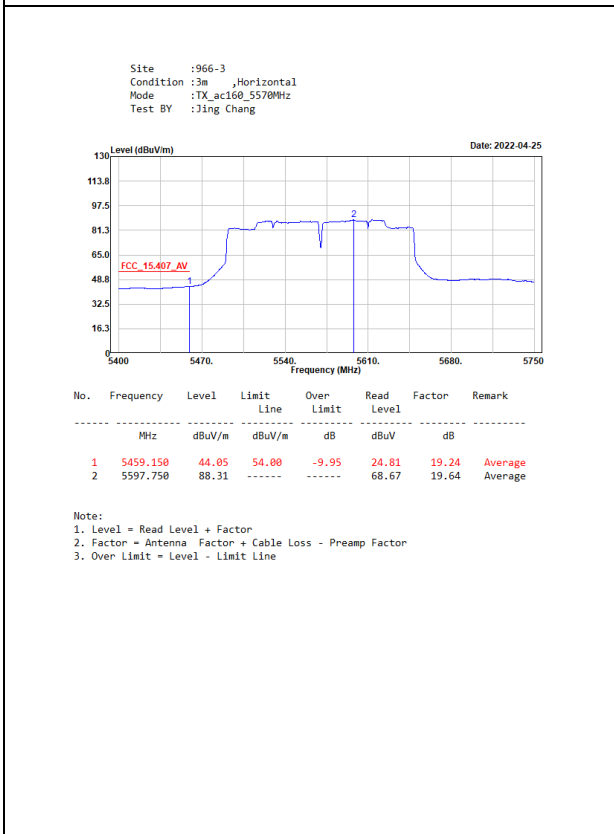
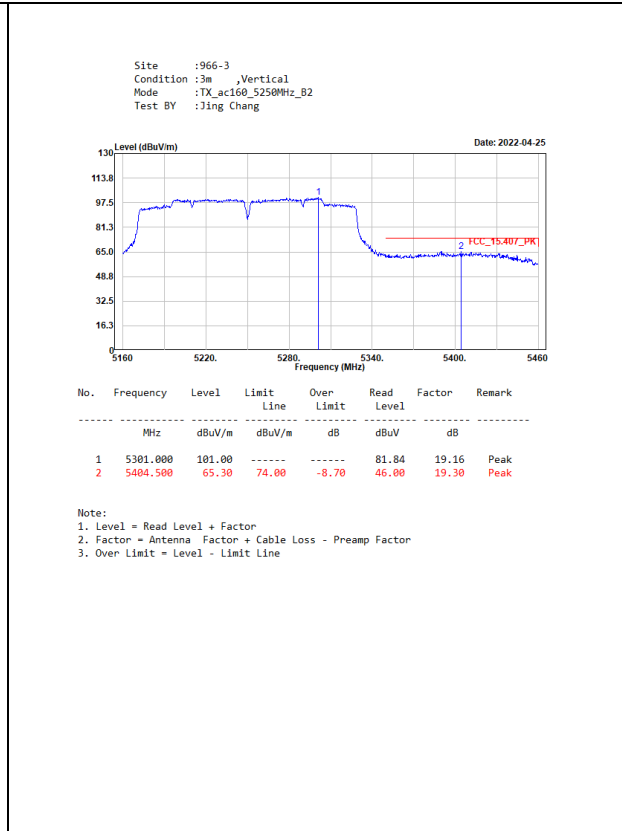
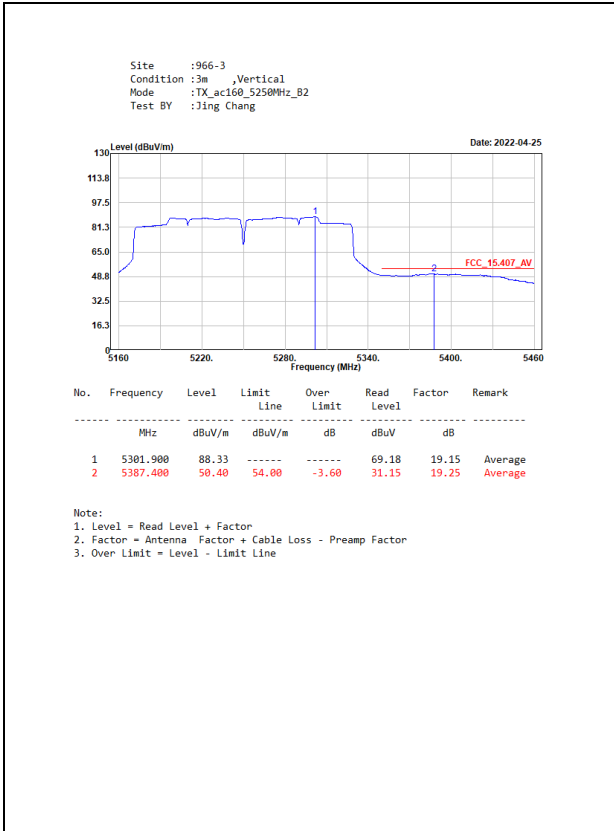


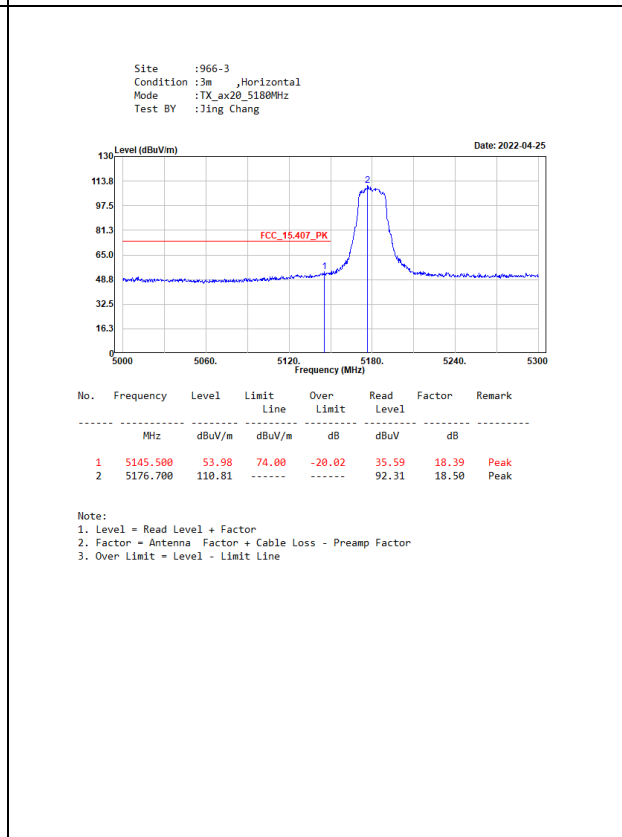
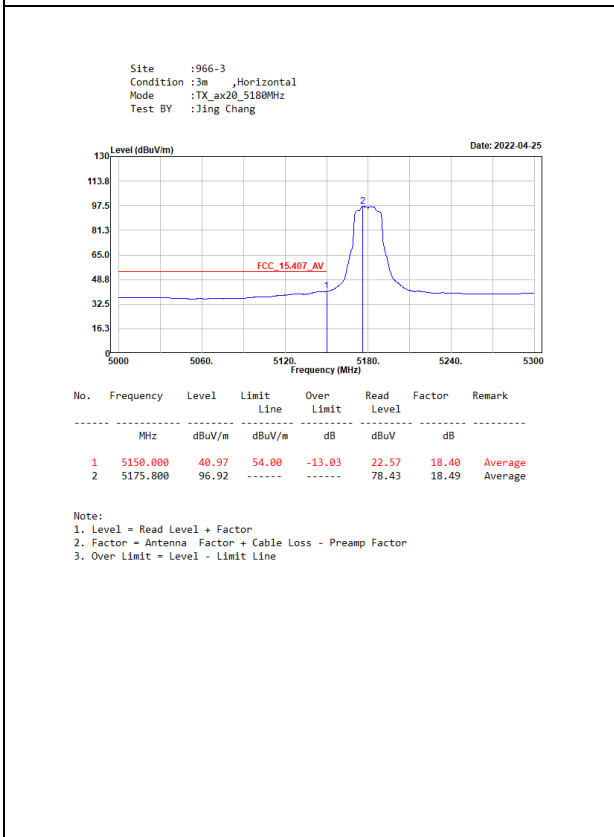
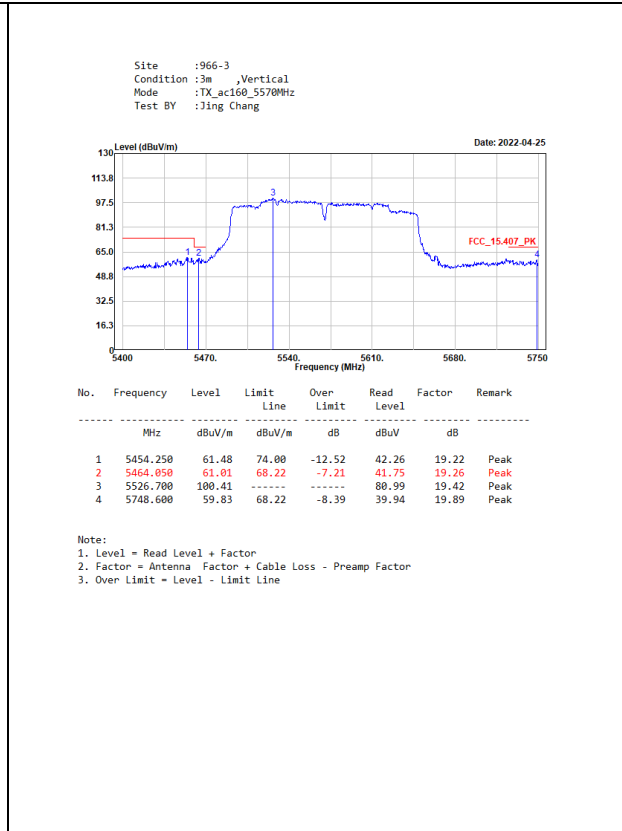
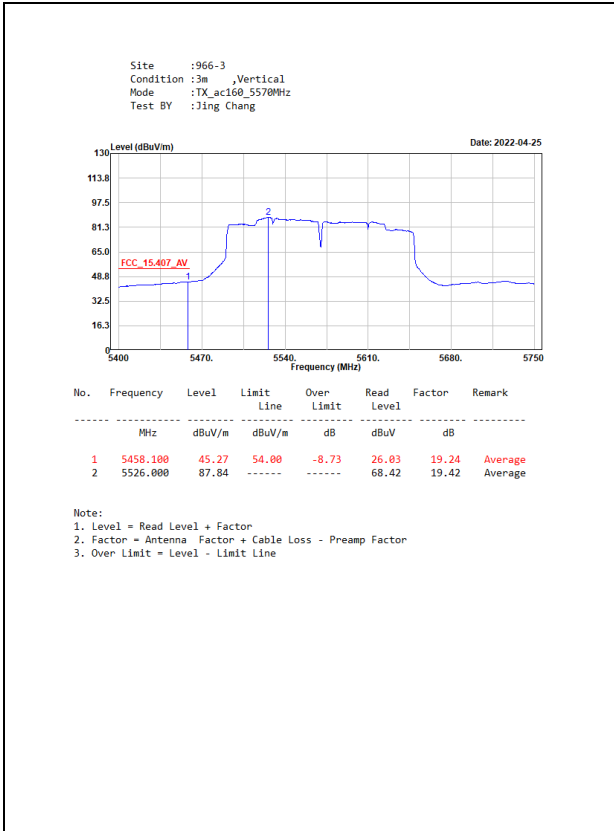


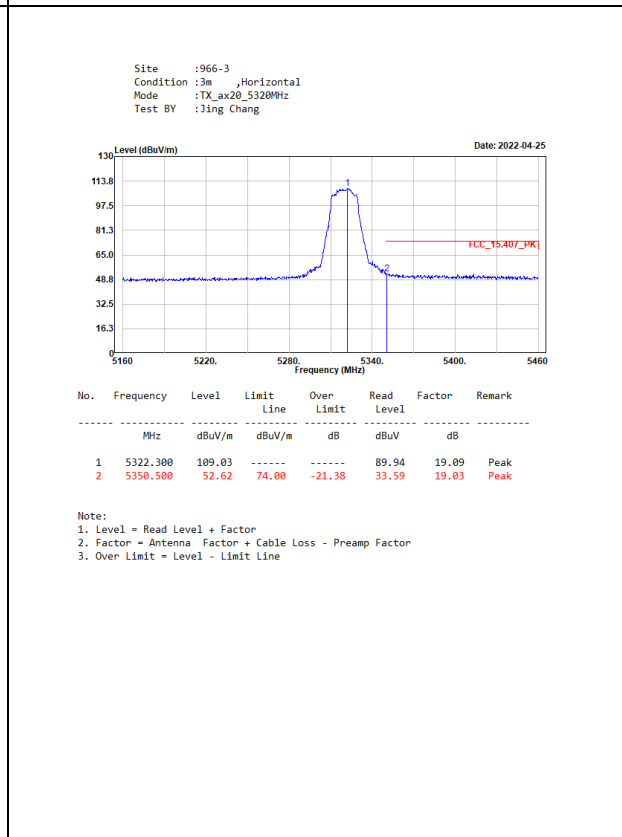
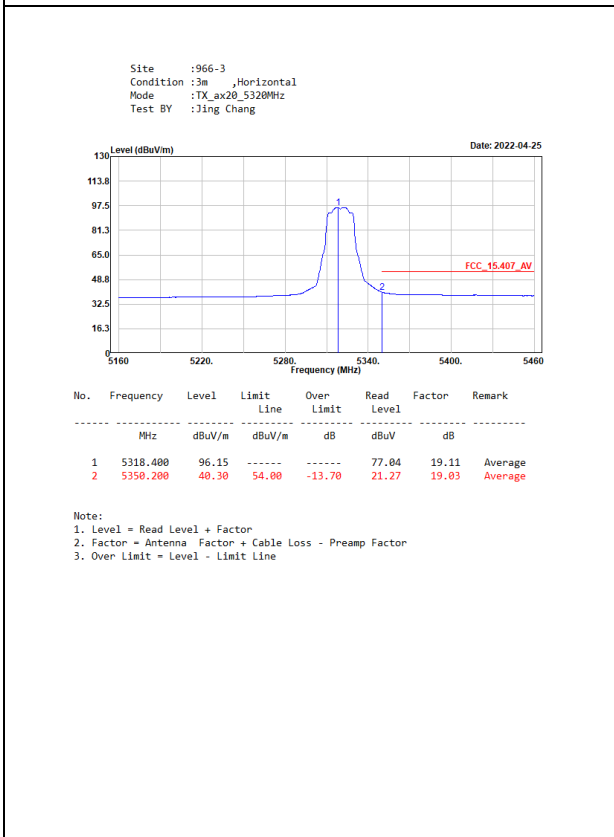
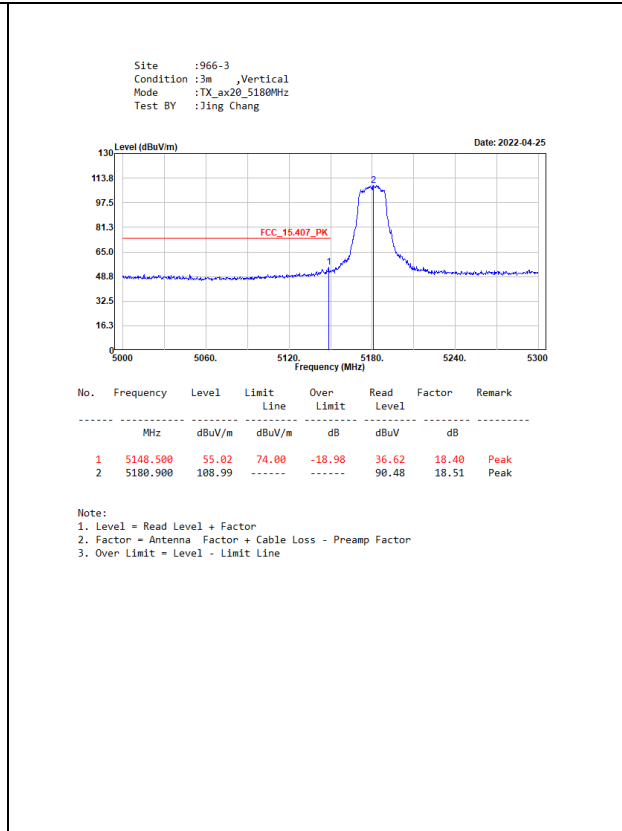
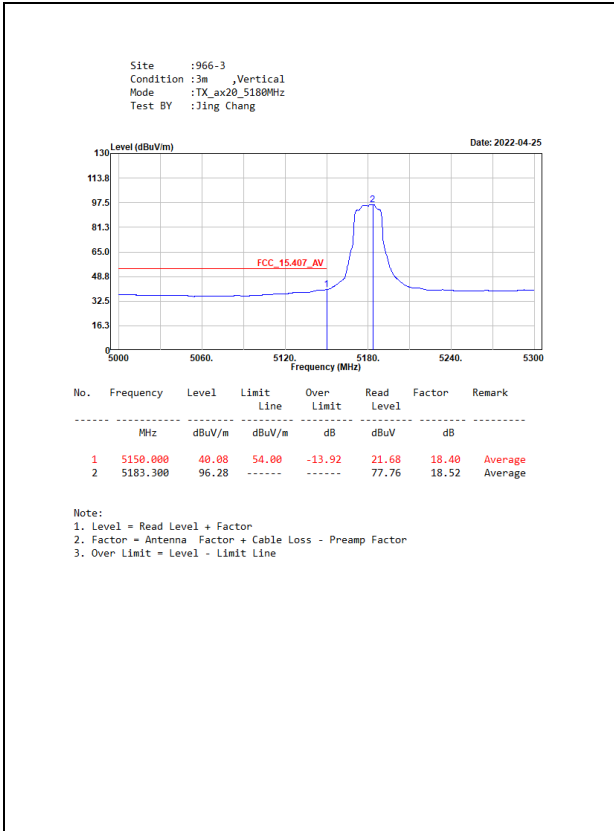




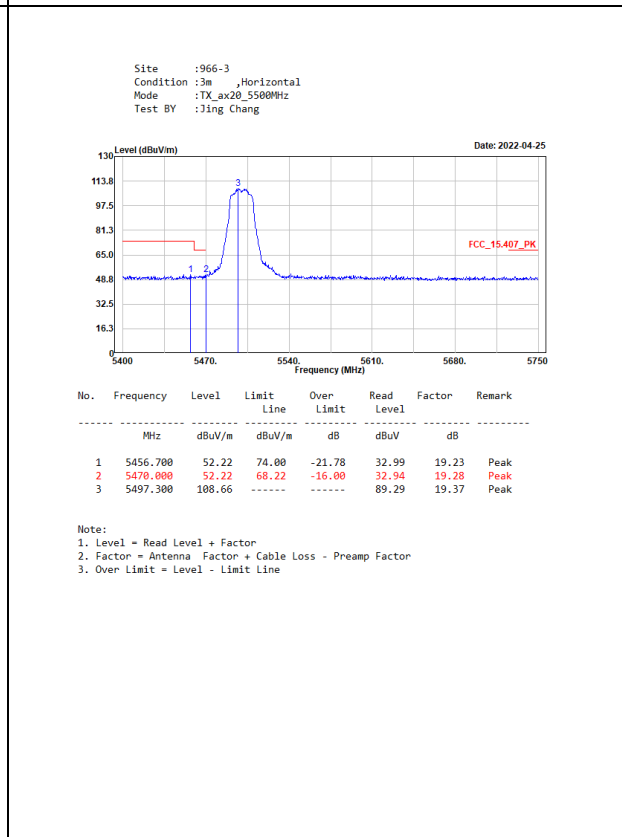
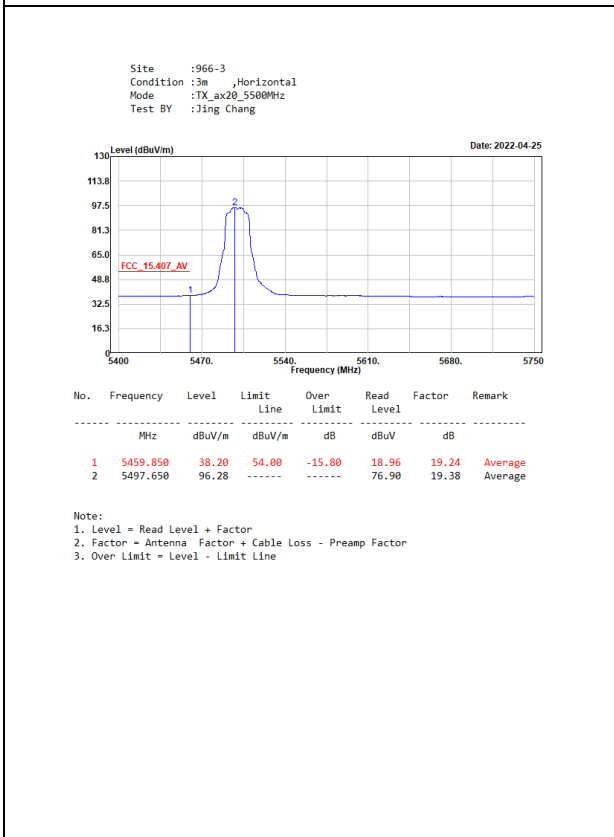
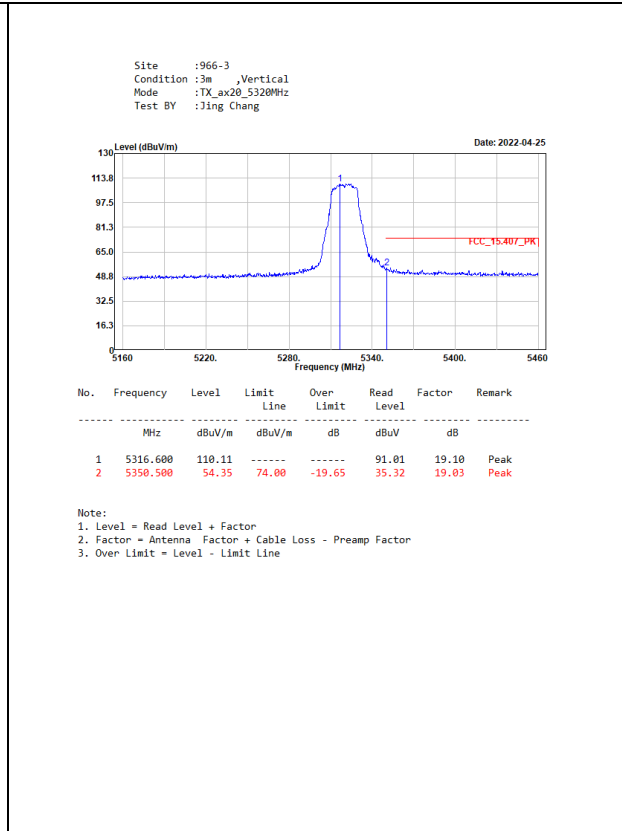
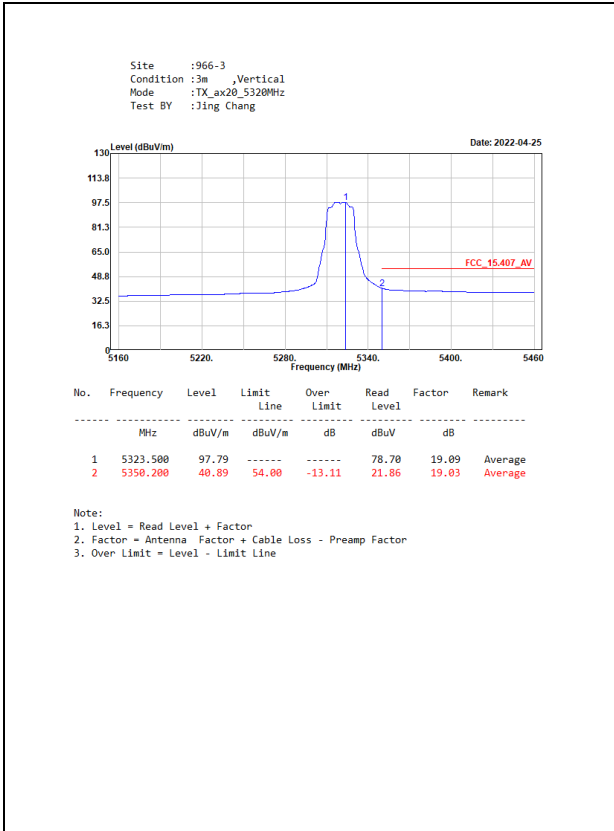


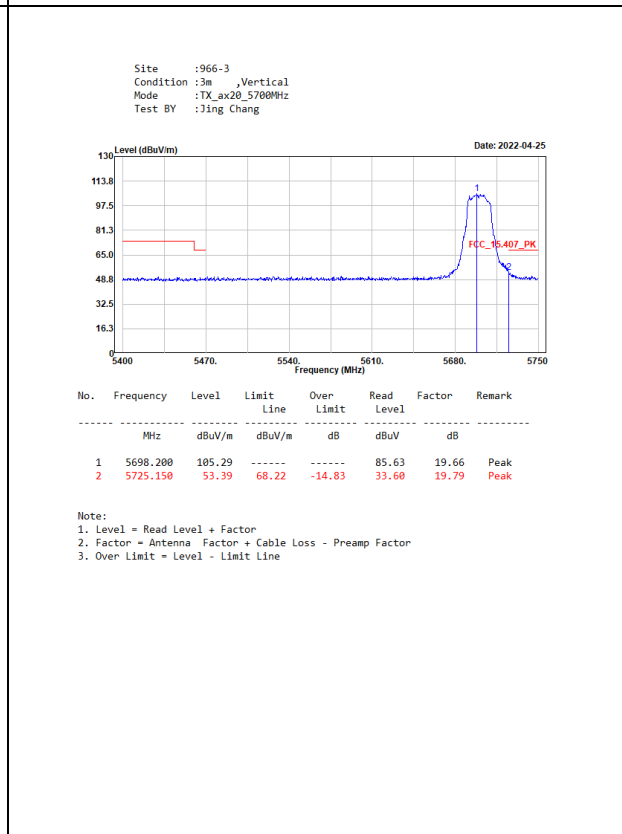
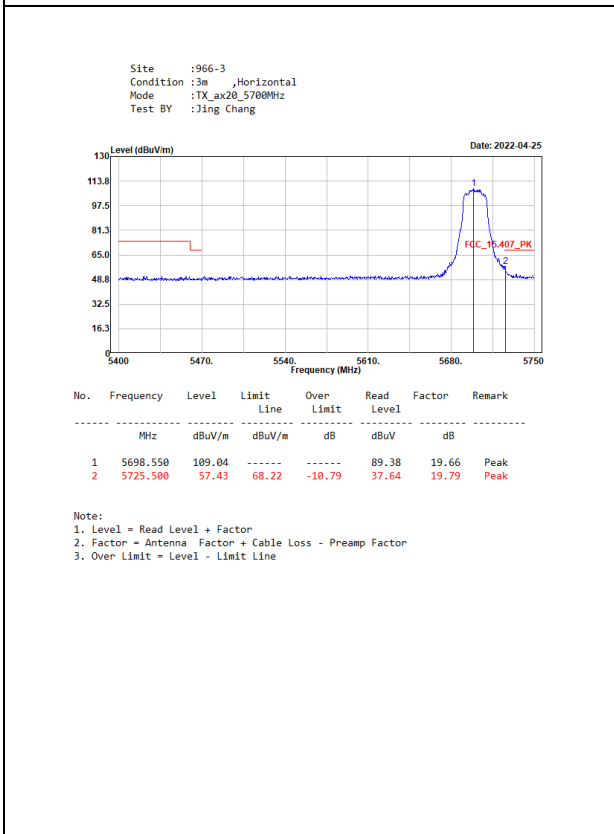
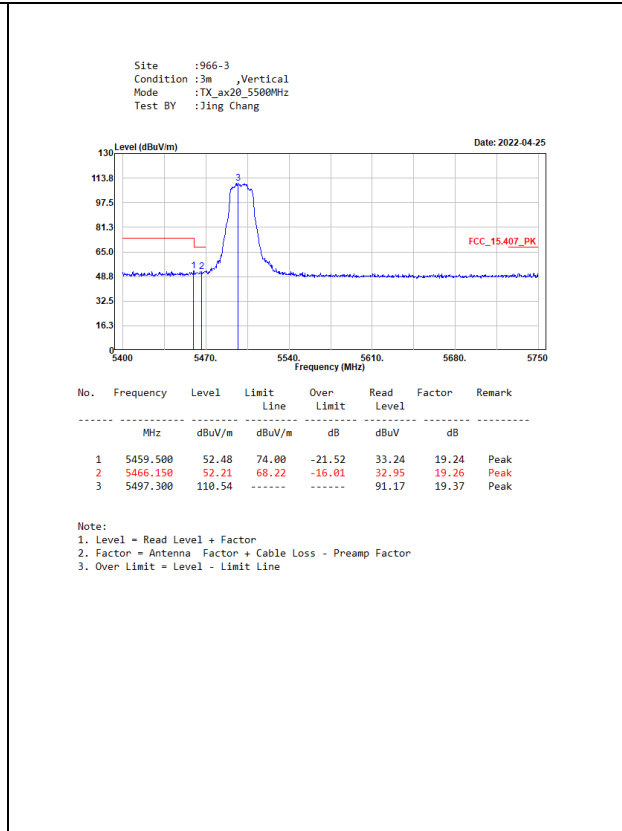
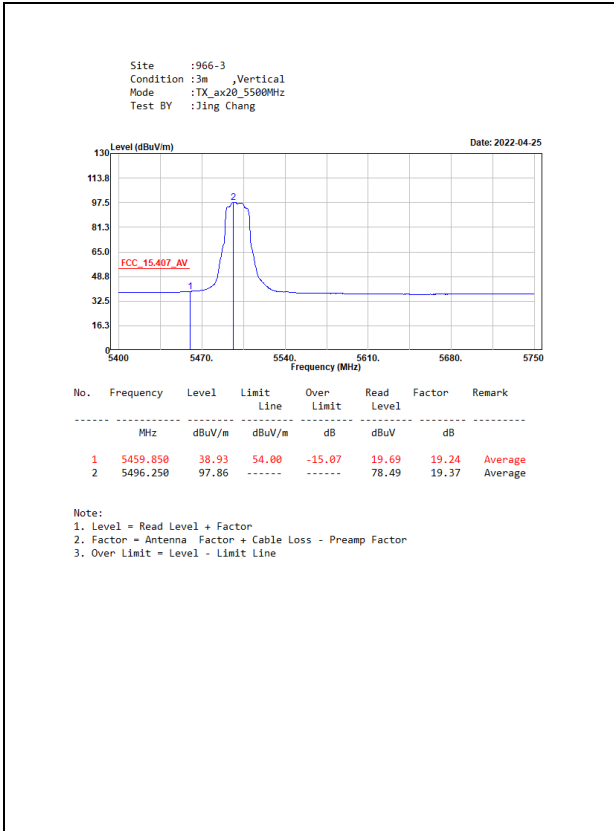


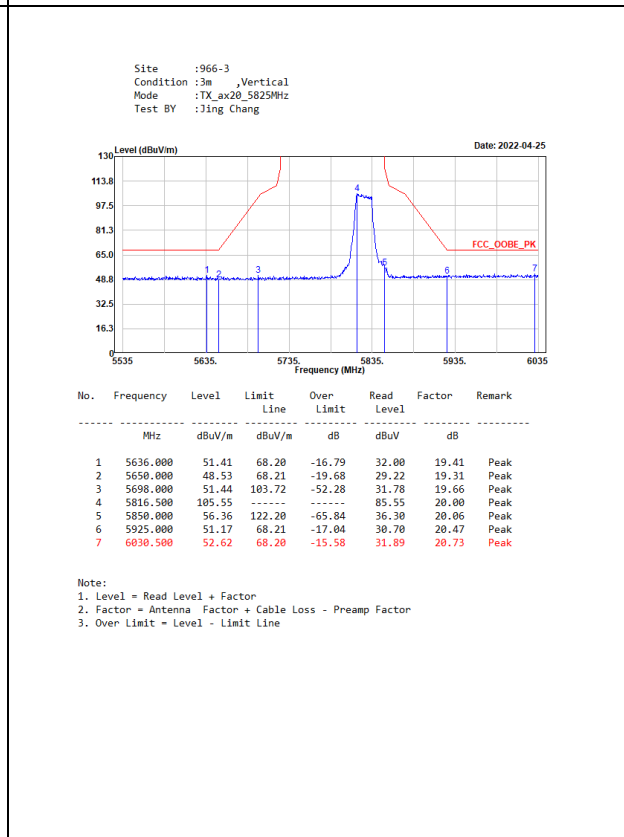
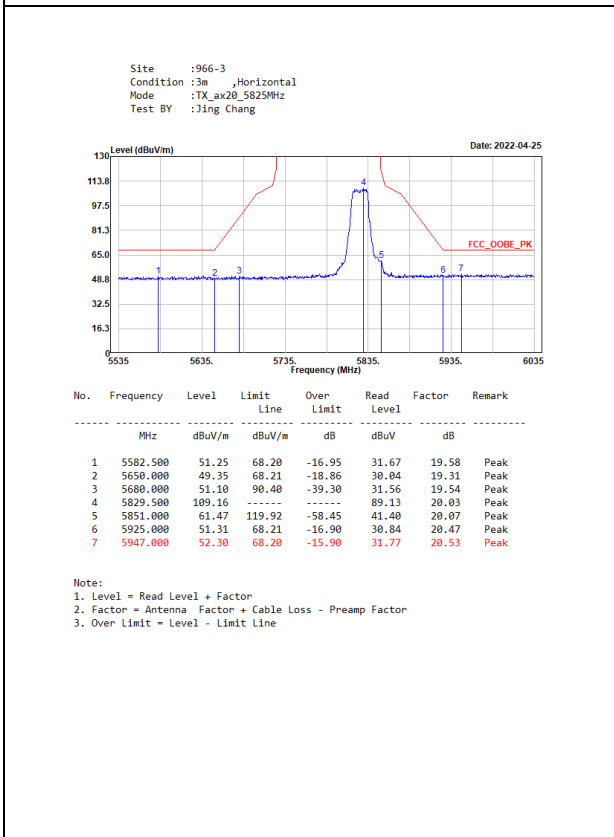
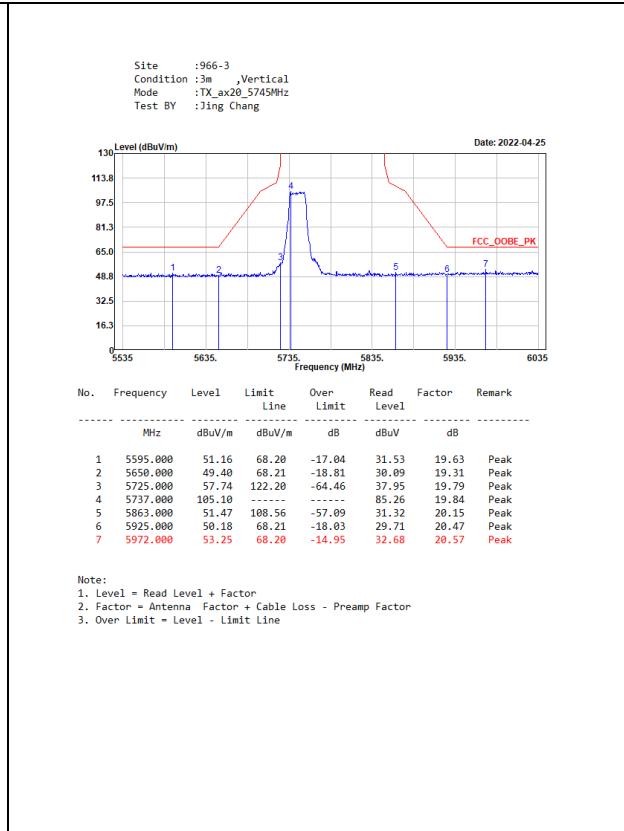
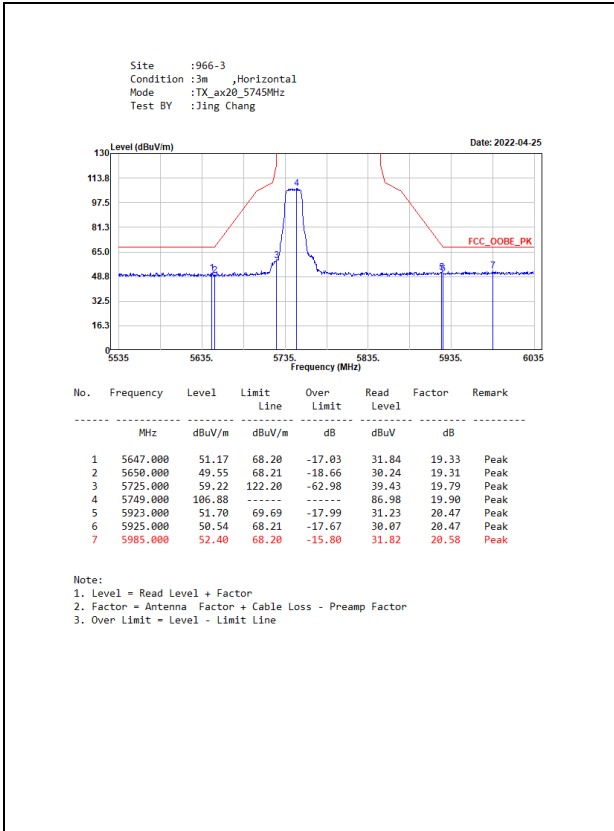


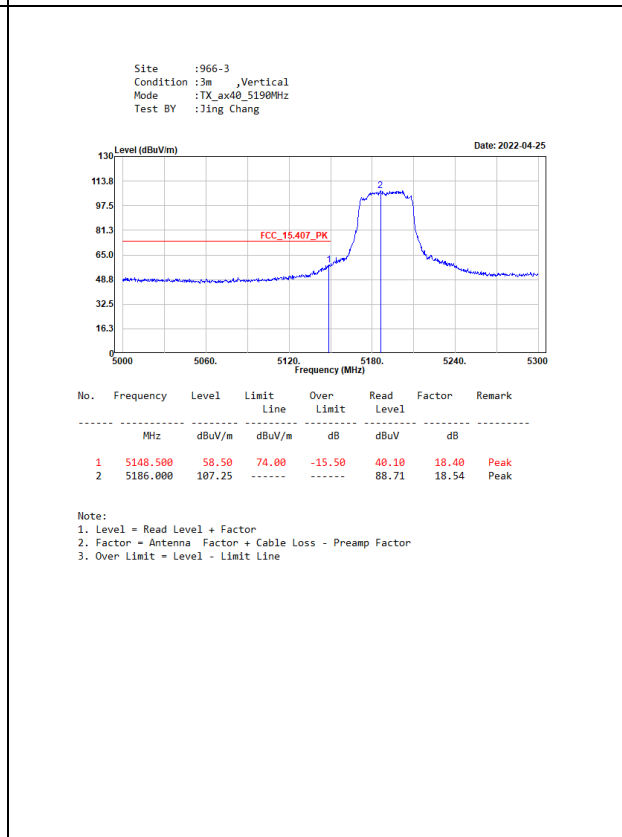
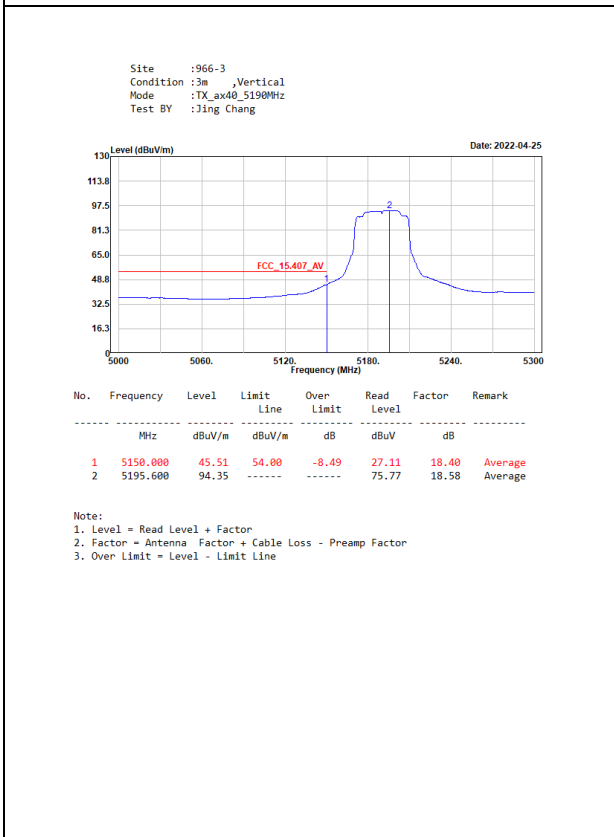
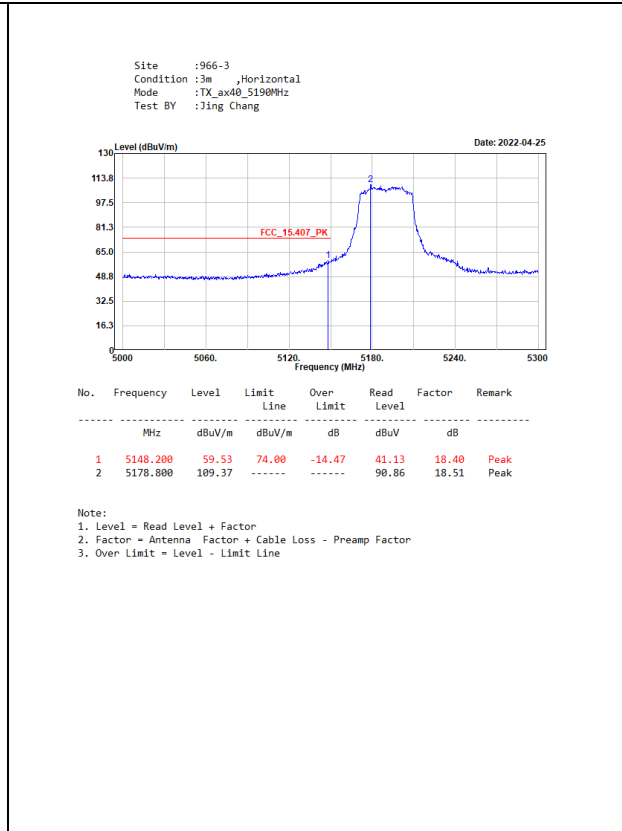
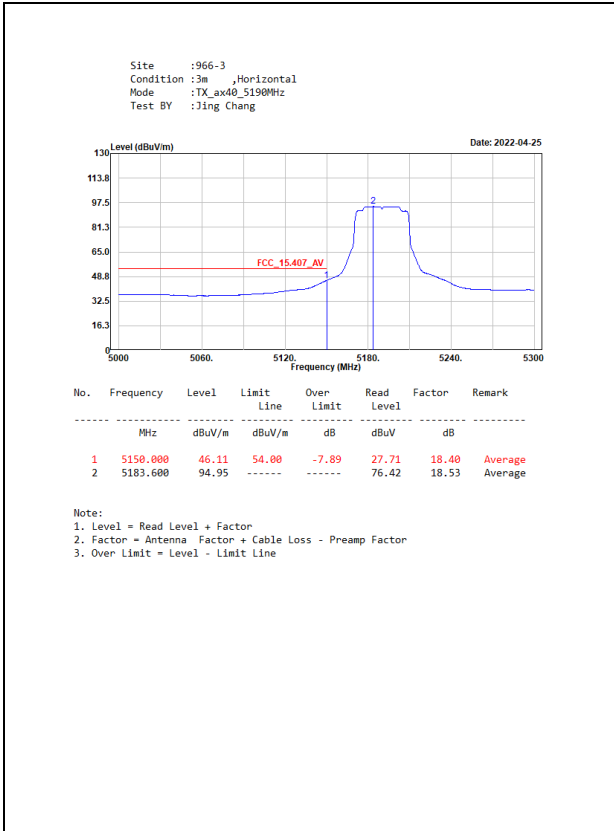


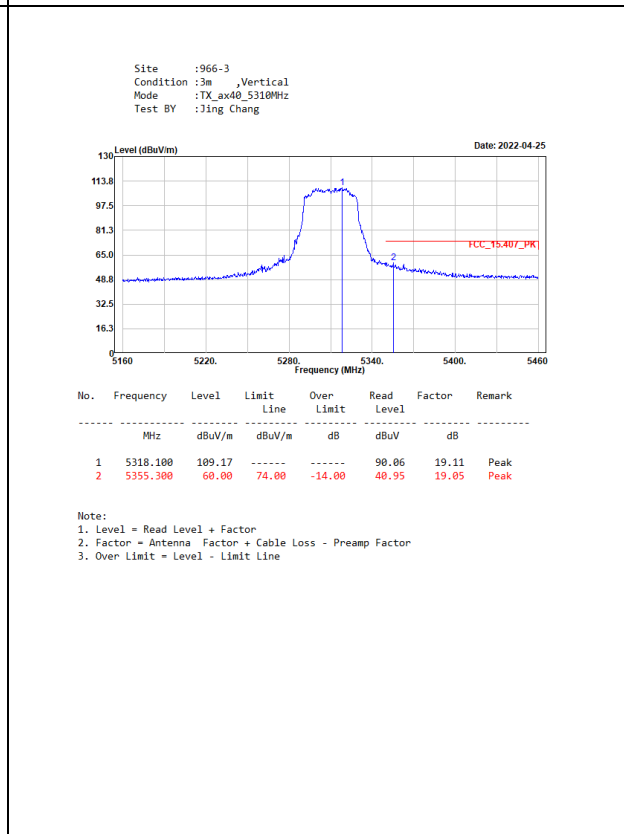
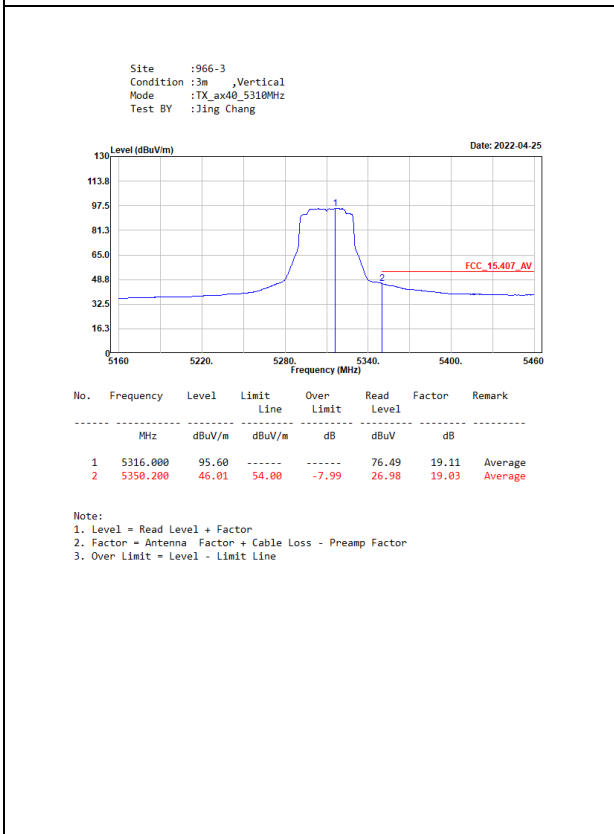
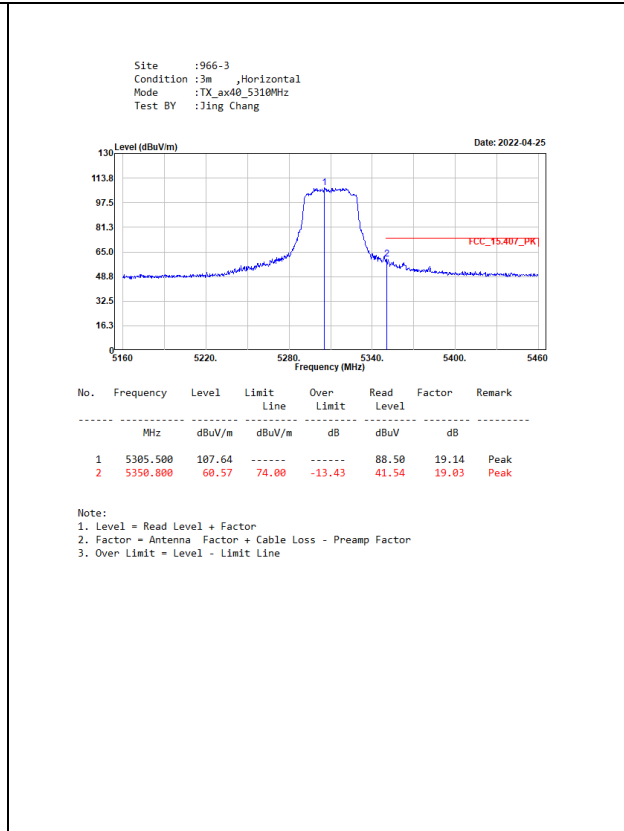
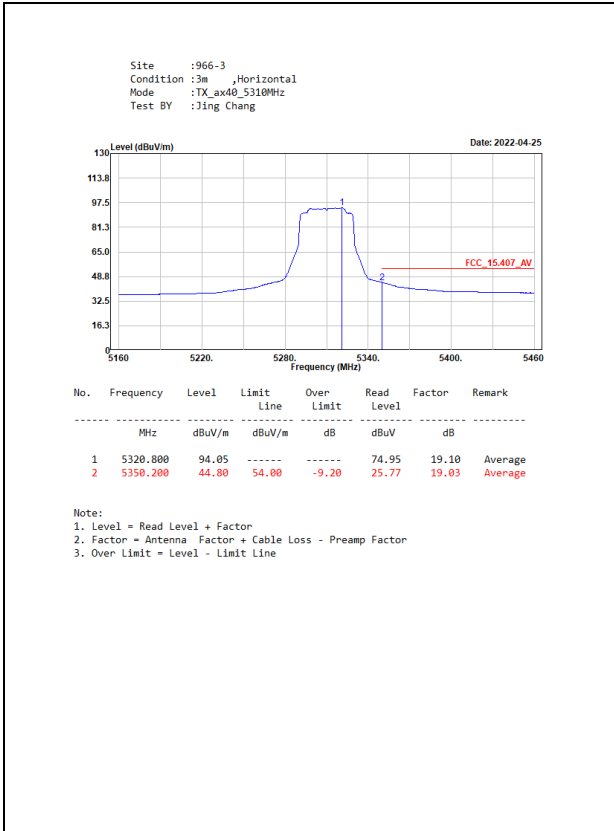


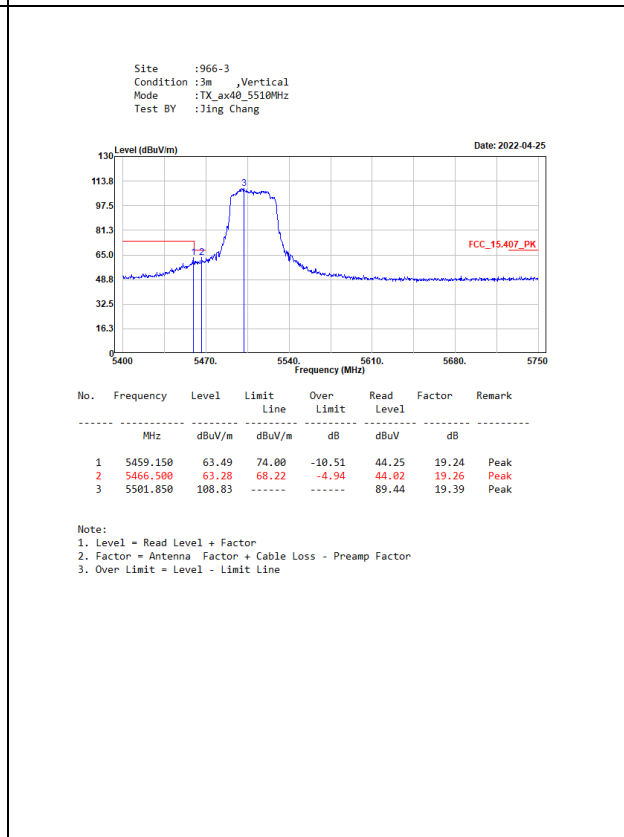
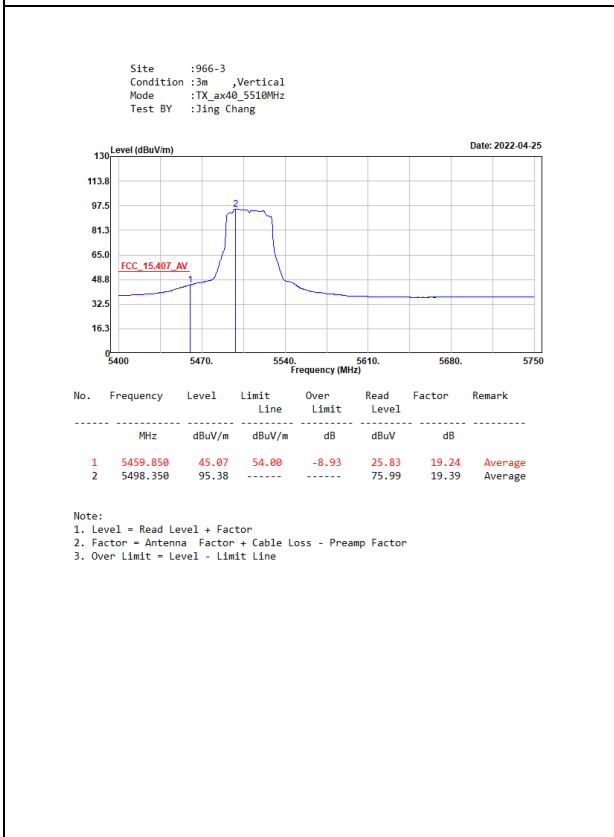
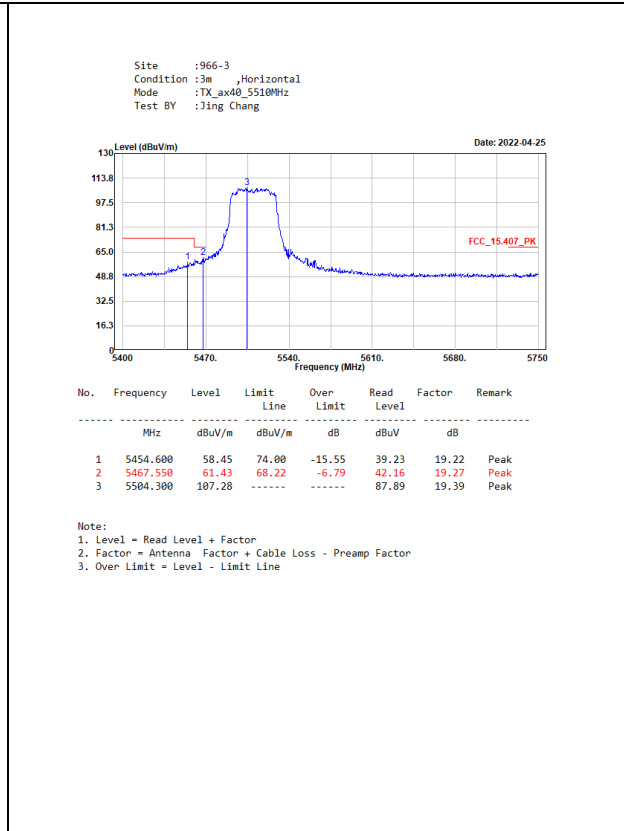
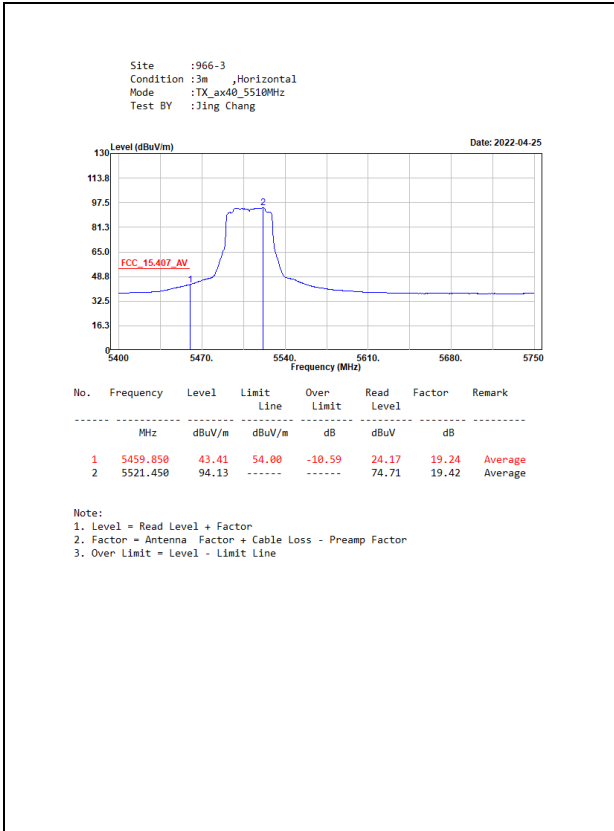


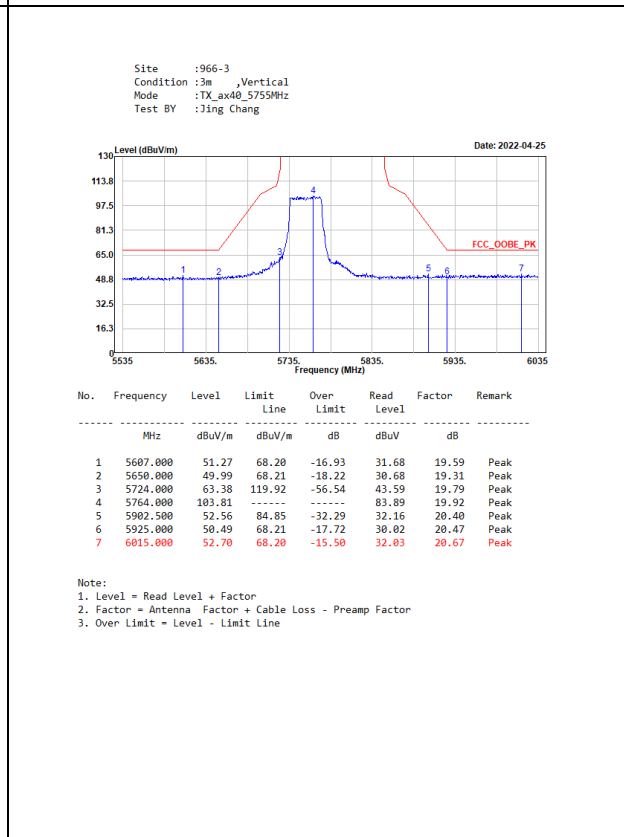
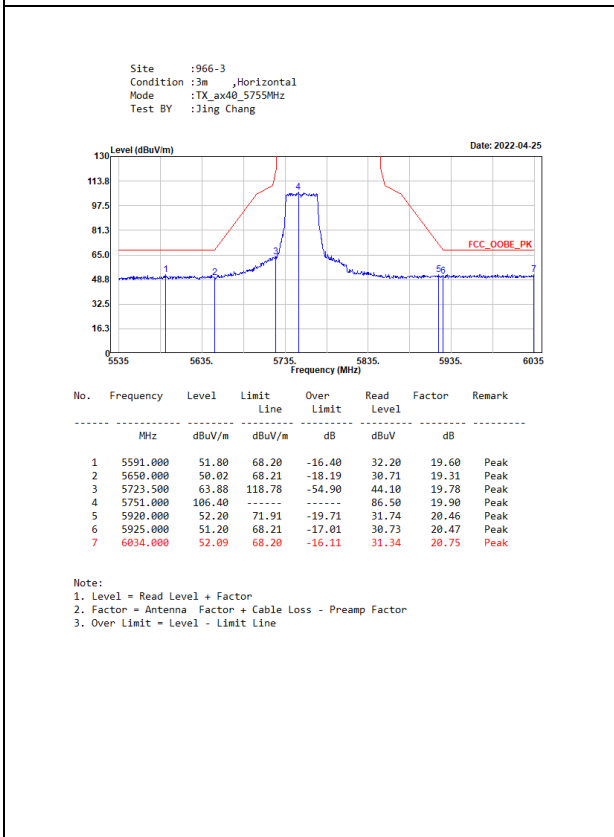
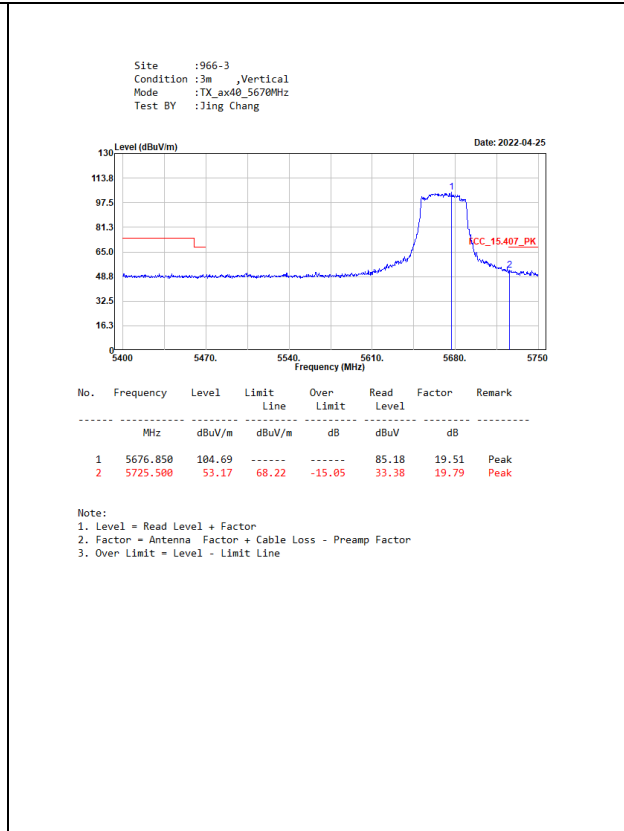
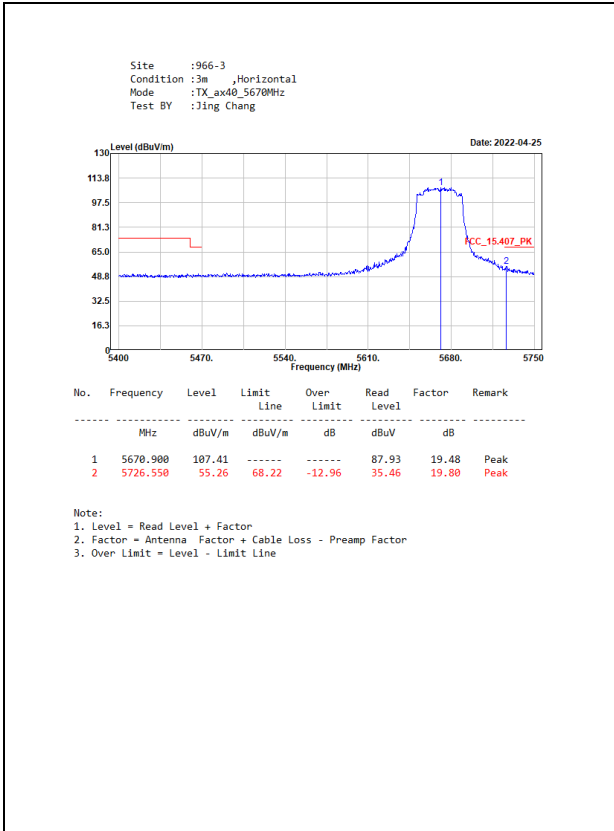


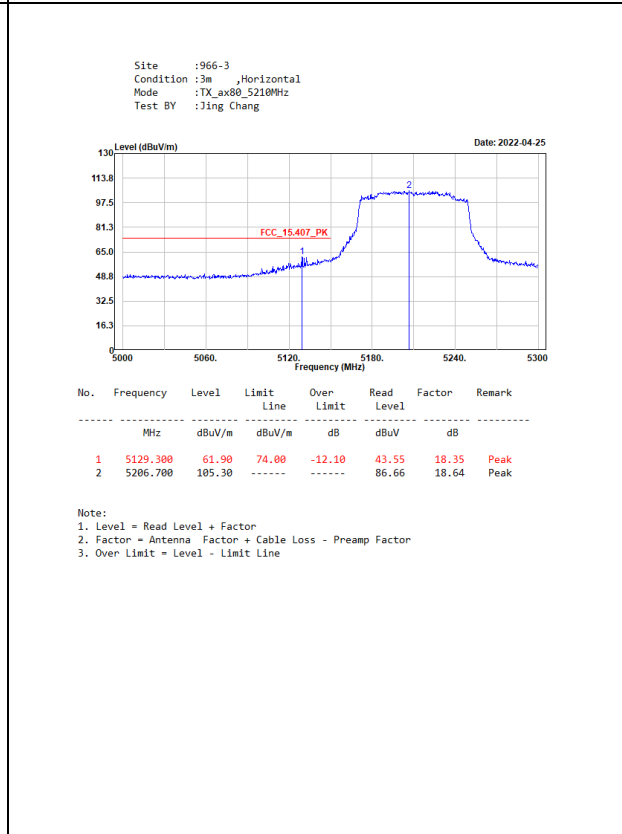
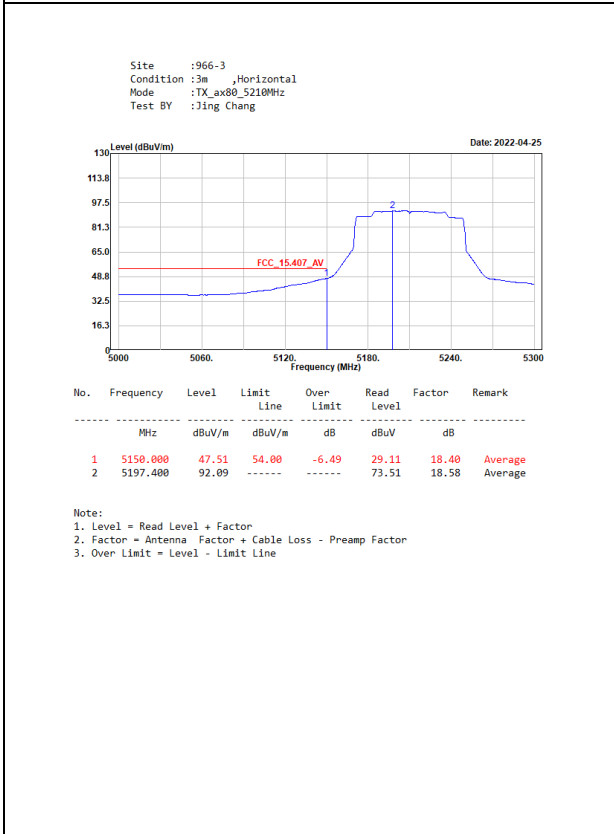
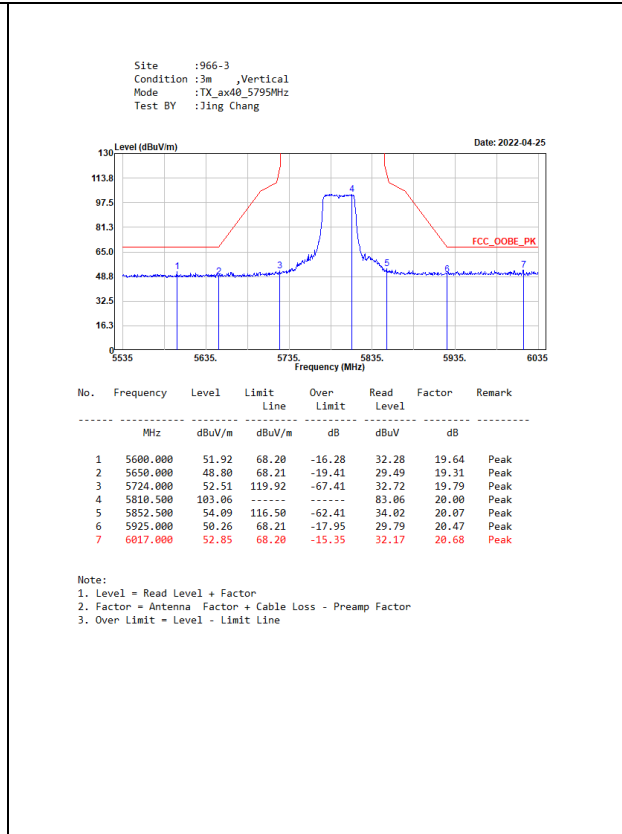
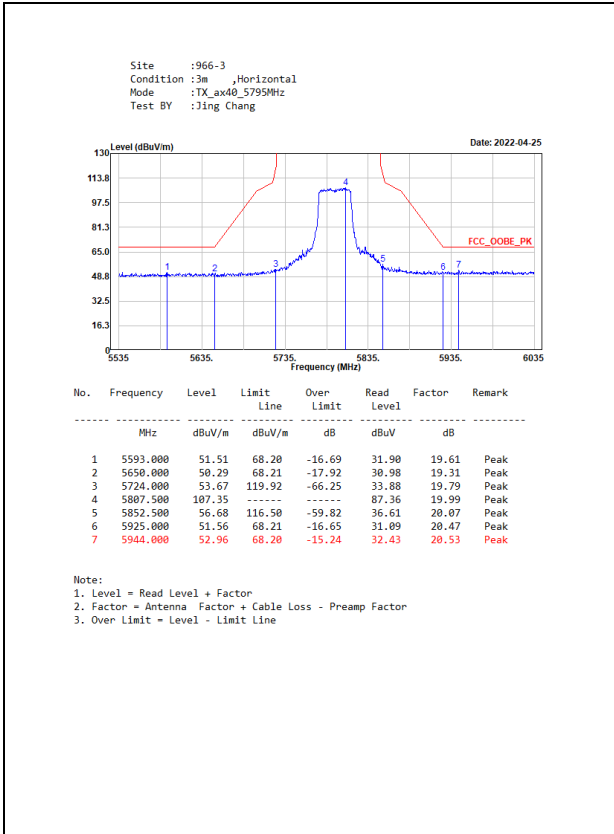




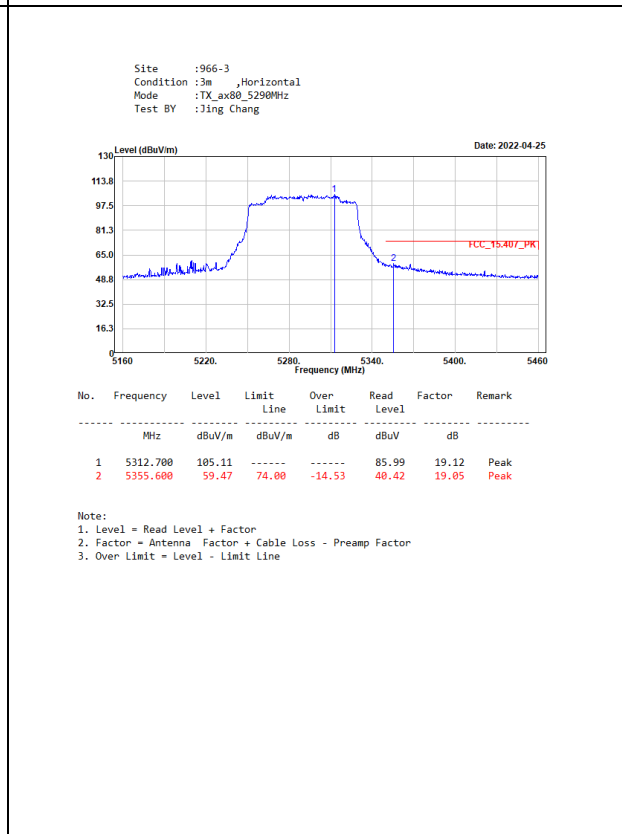
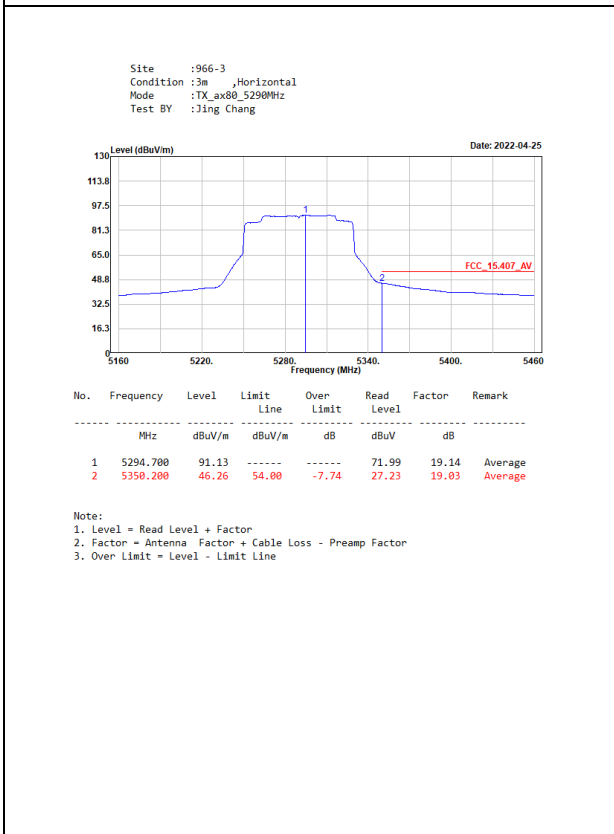
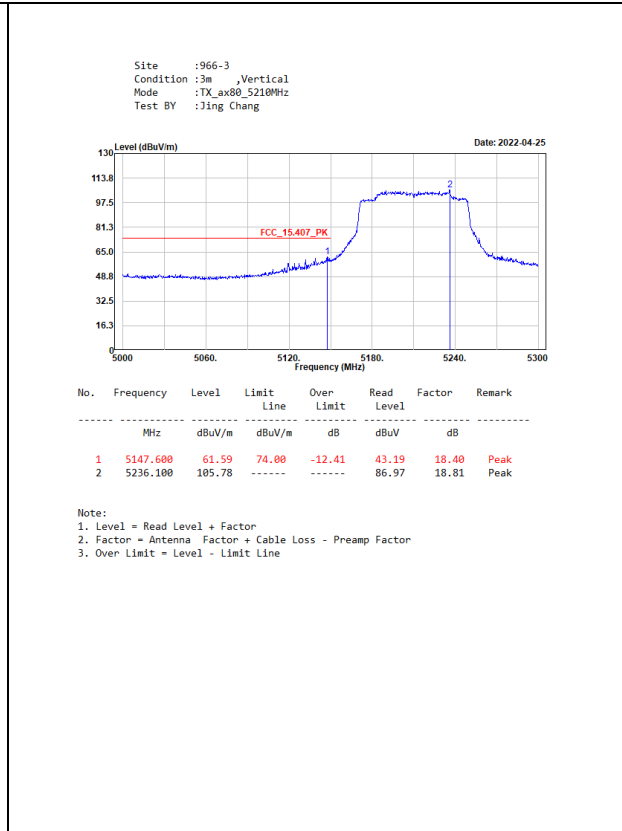
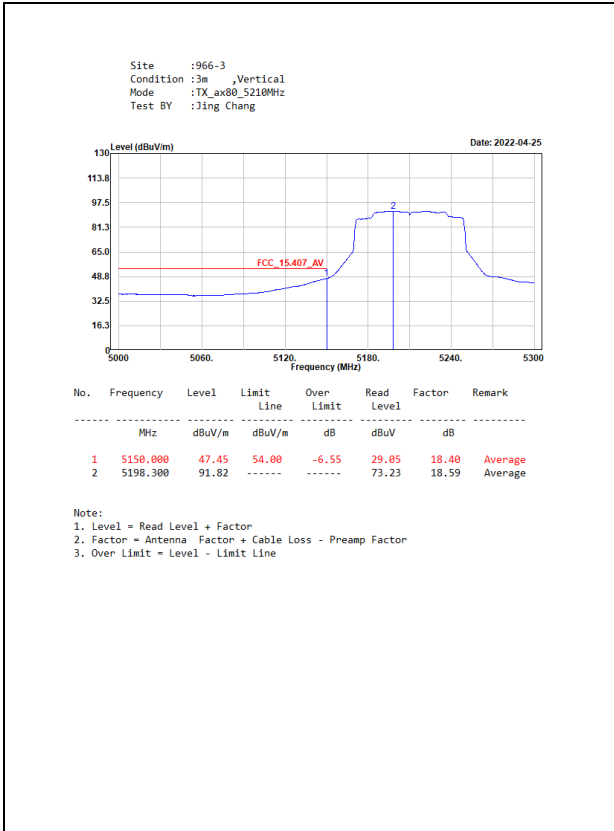


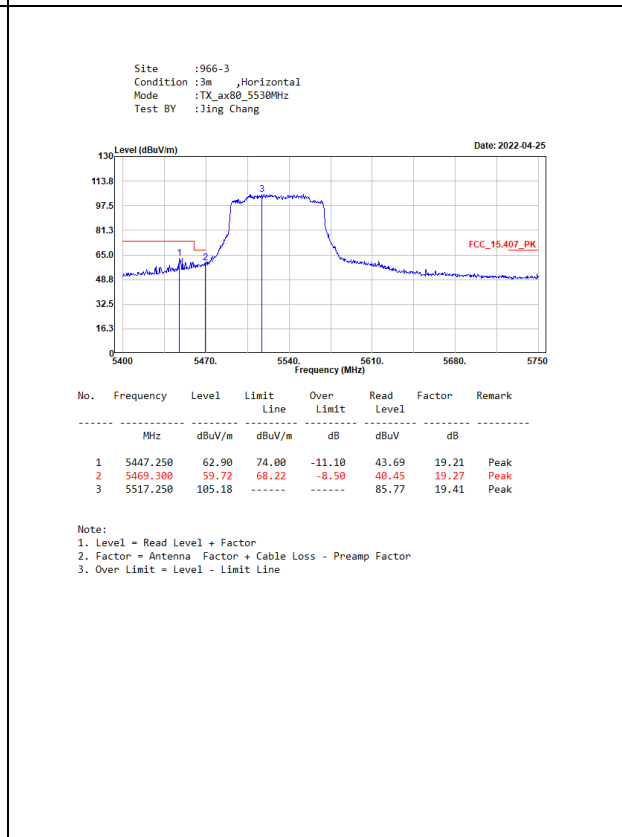
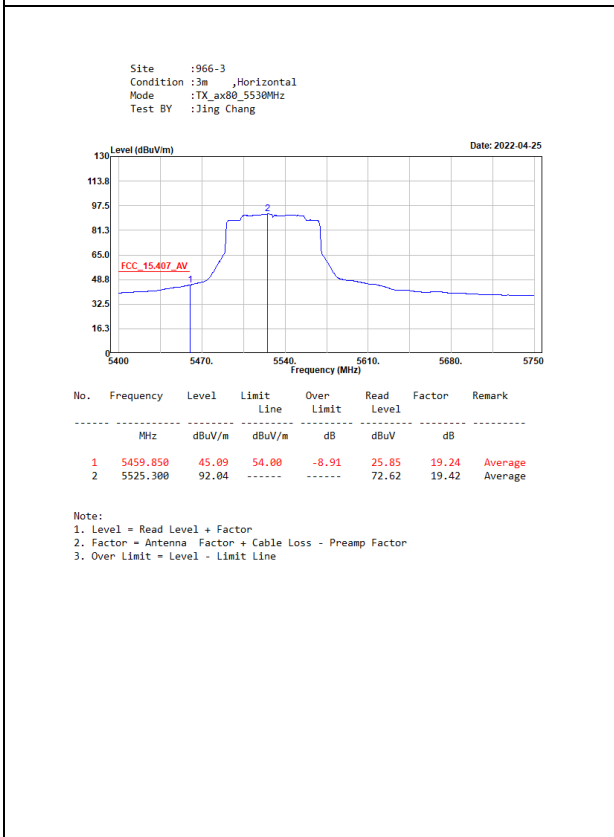
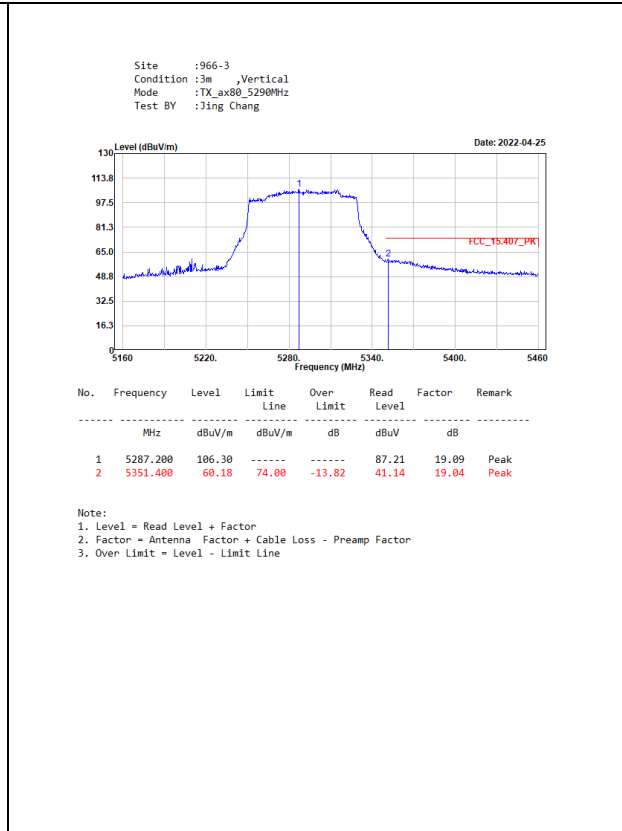
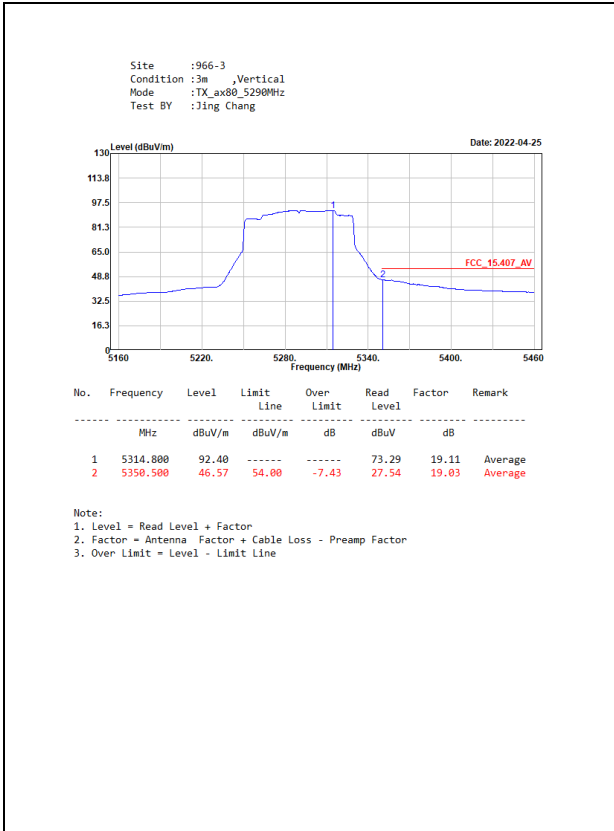


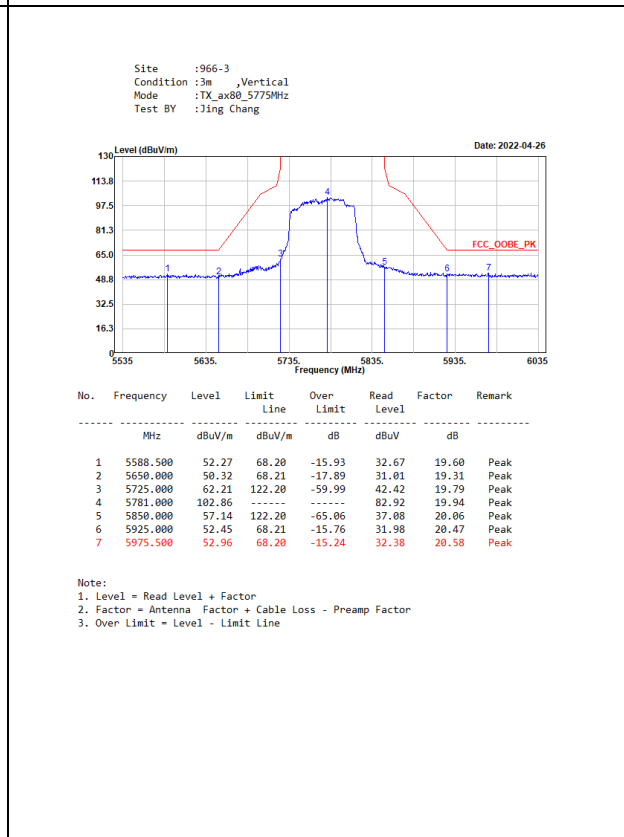
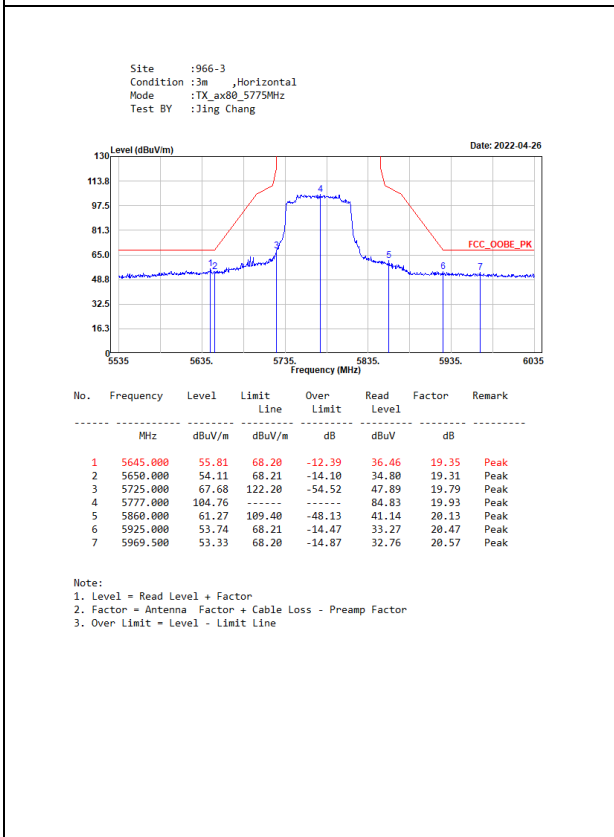
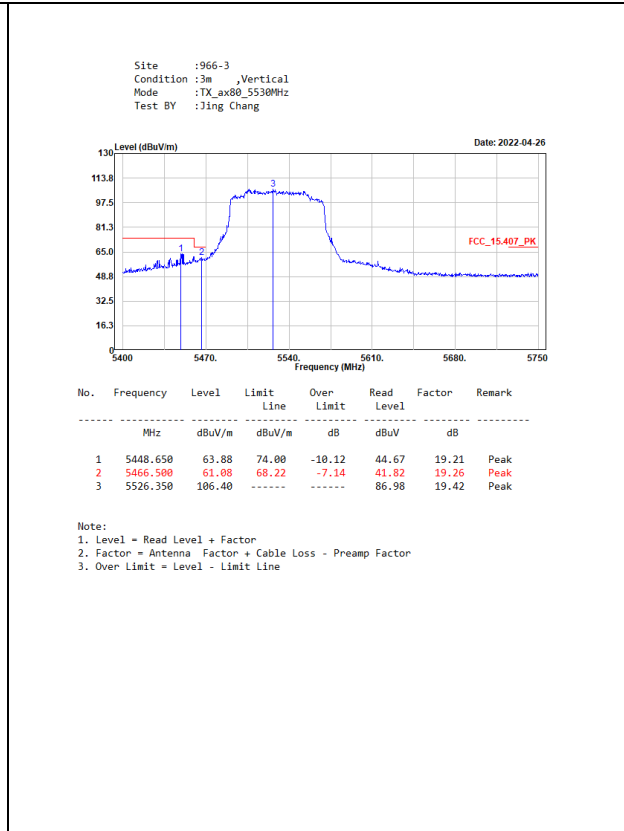
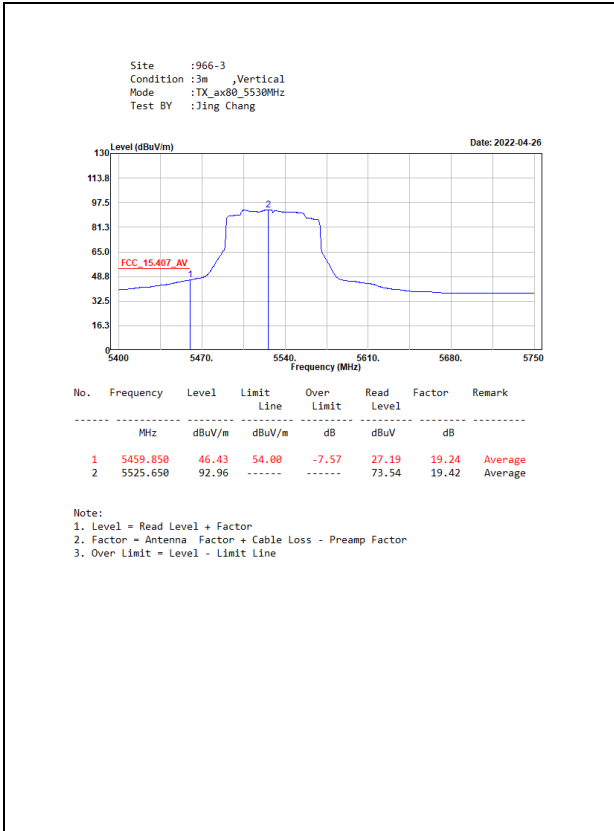


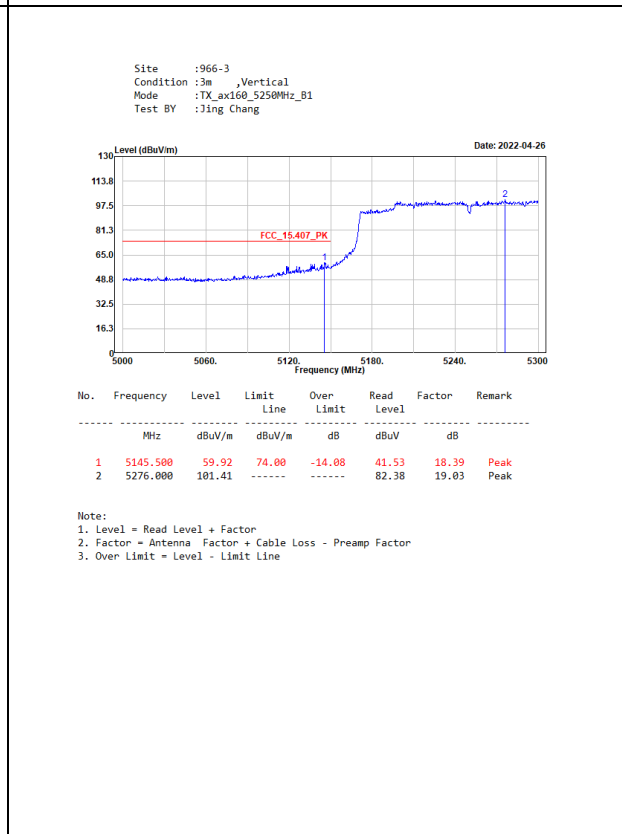
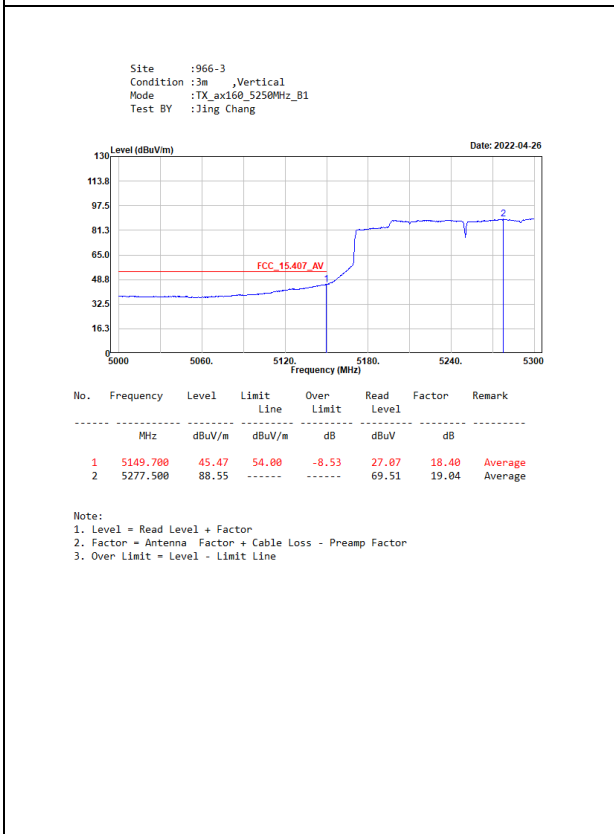
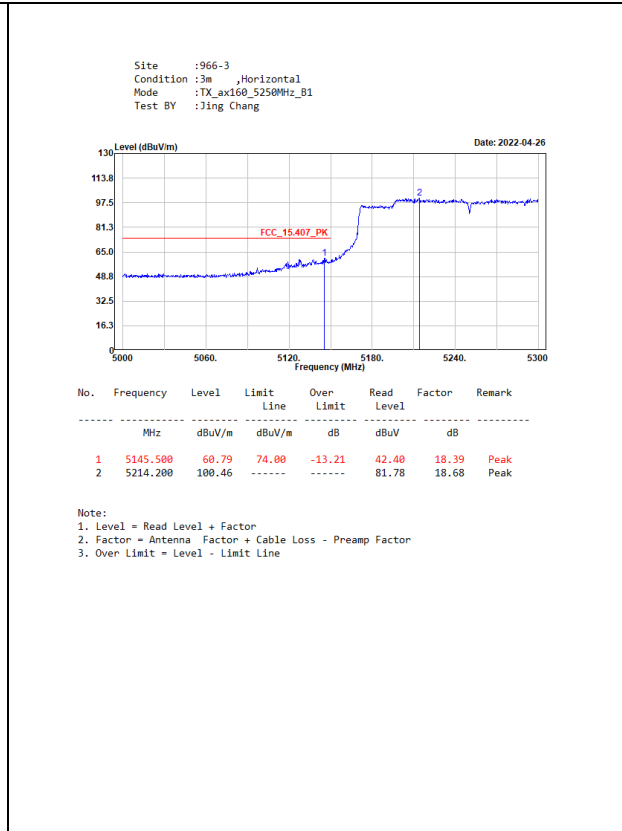
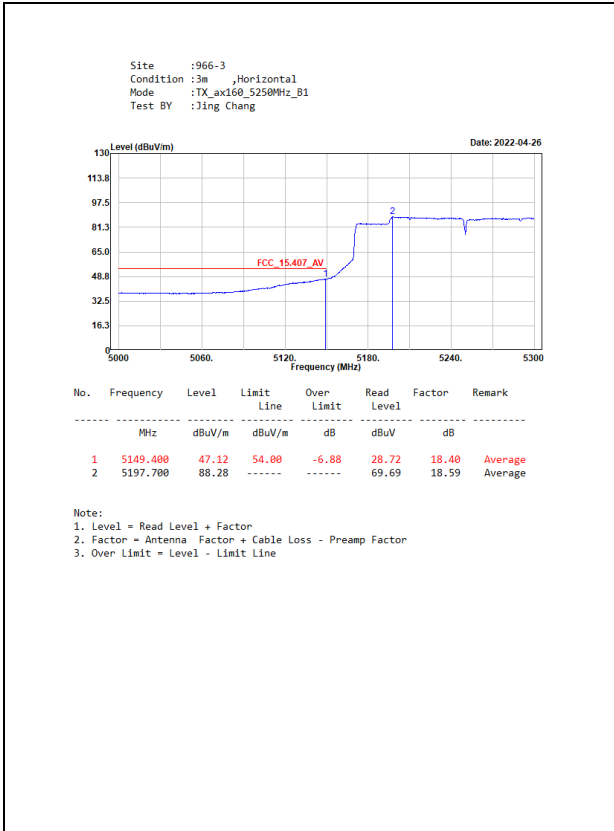


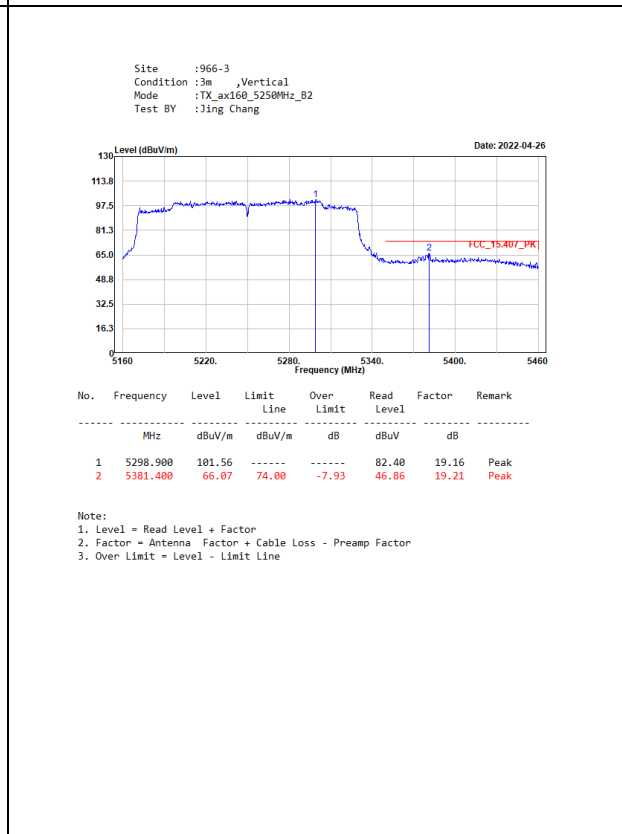
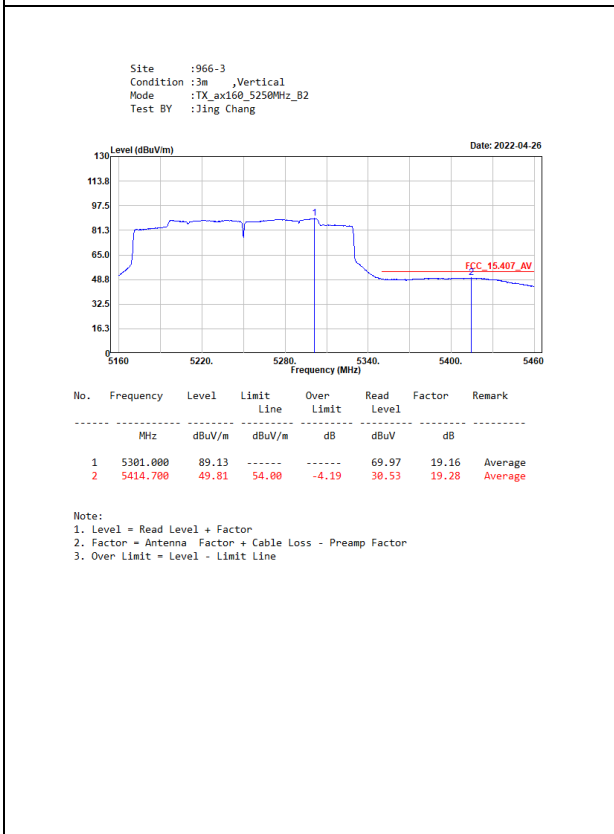
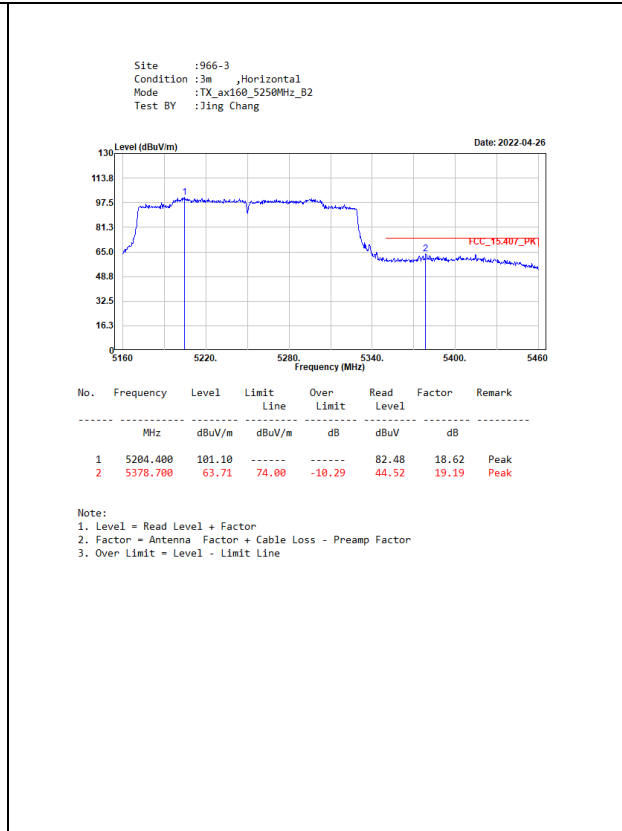
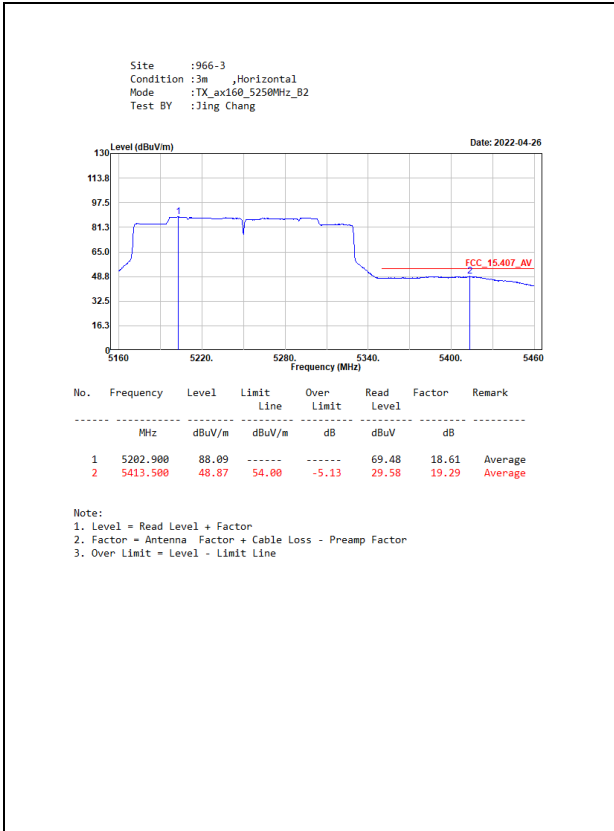


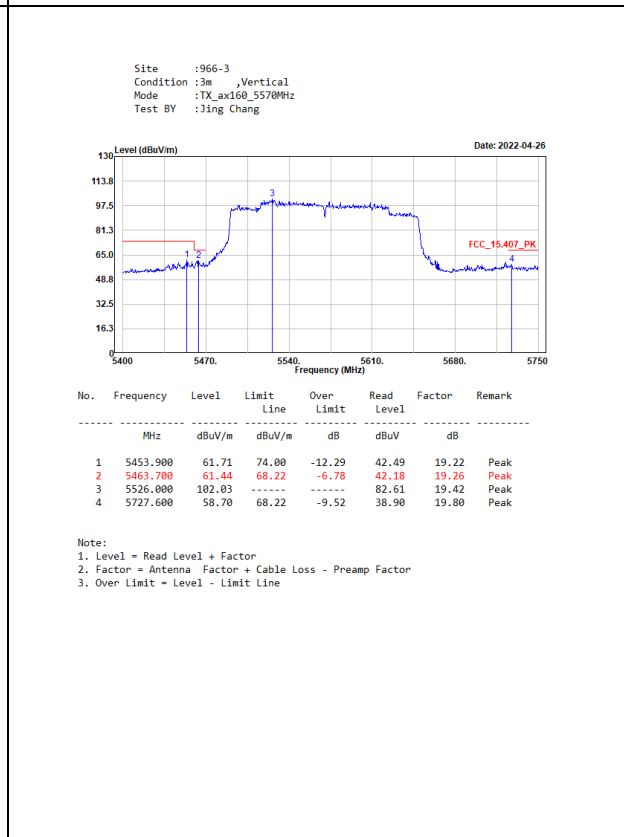
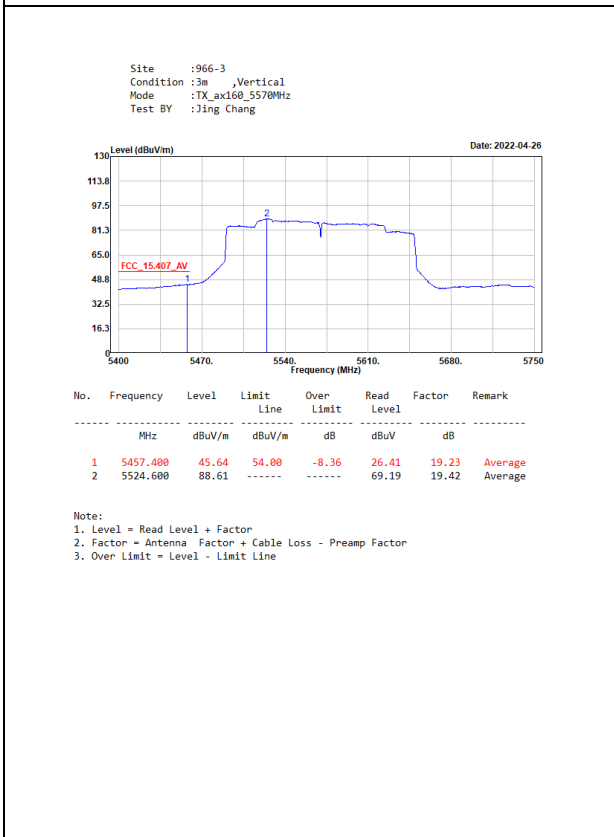
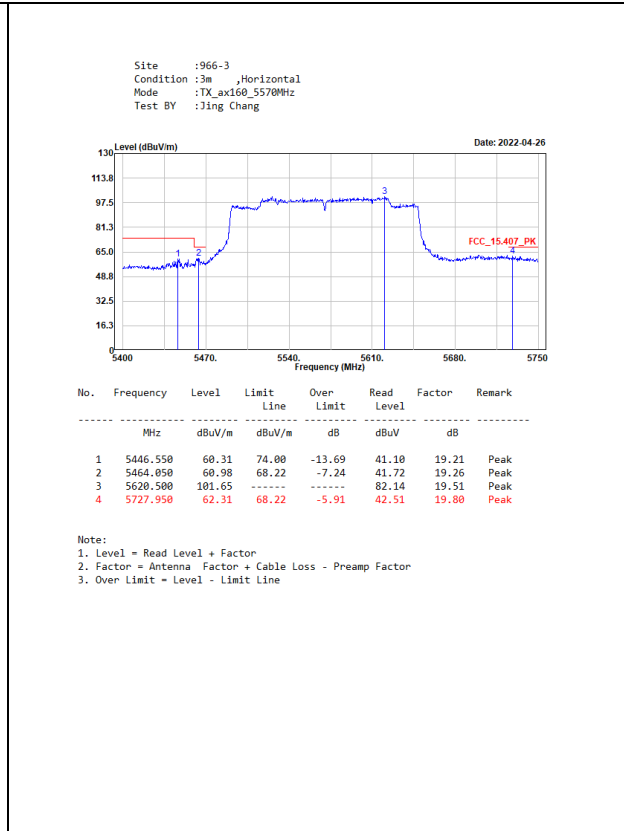
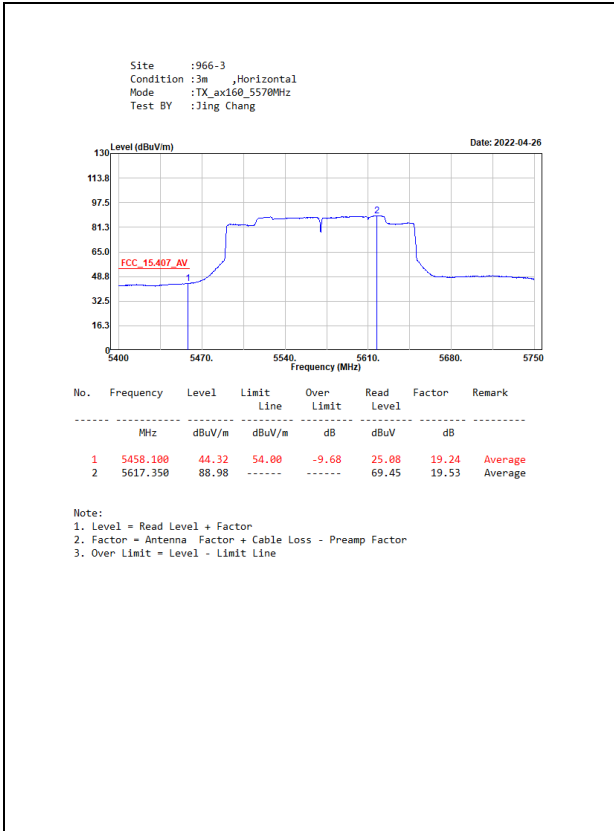






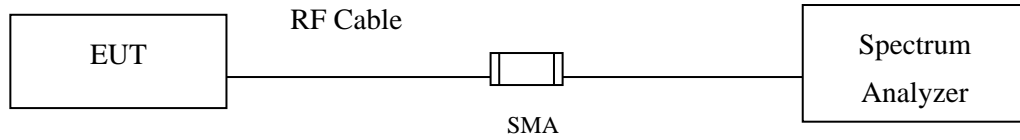






## 5. Duty Cycle

### 5.1. Test Setup



### 5.2. Test Procedure

The EUT was setup according to ANSI C63.10 2013; tested according to test procedure of KDB789033 for compliance to FCC 47CFR 15.407 requirements.

### 5.3. Test Result of Duty Cycle

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

Duty Cycle Formula:

Duty Cycle = Ton / (Ton + Toff)

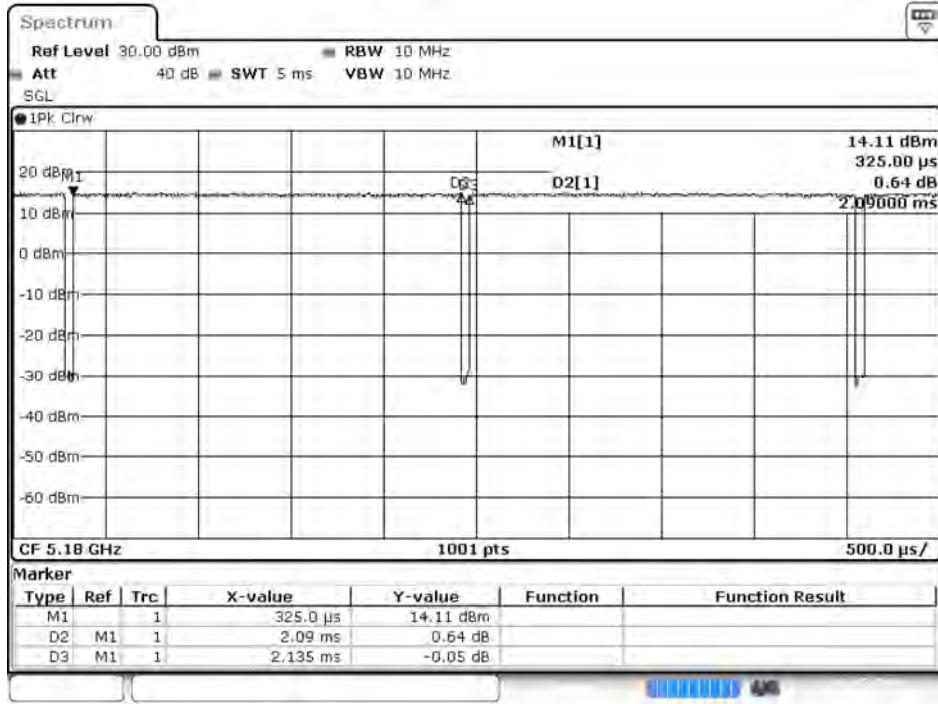
Duty Factor = 10 Log (1/Duty Cycle)

#### Results: SISO A

5GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11 a	2.0900	2.1350	97.89	0.09
802.11 n20	3.9800	4.0250	98.88	0.05
802.11 n40	8.0480	8.1290	99.00	0.04
802.11 ac80	3.9660	4.0110	98.88	0.05
802.11 ac160	5.4540	5.5230	98.75	0.05
802.11 ax20	2.5820	2.6240	98.40	0.07
802.11 ax40	18.6620	18.8640	98.93	0.05
802.11 ax80	8.8220	8.9240	98.86	0.05
802.11 ax160	4.4760	4.5260	98.90	0.05

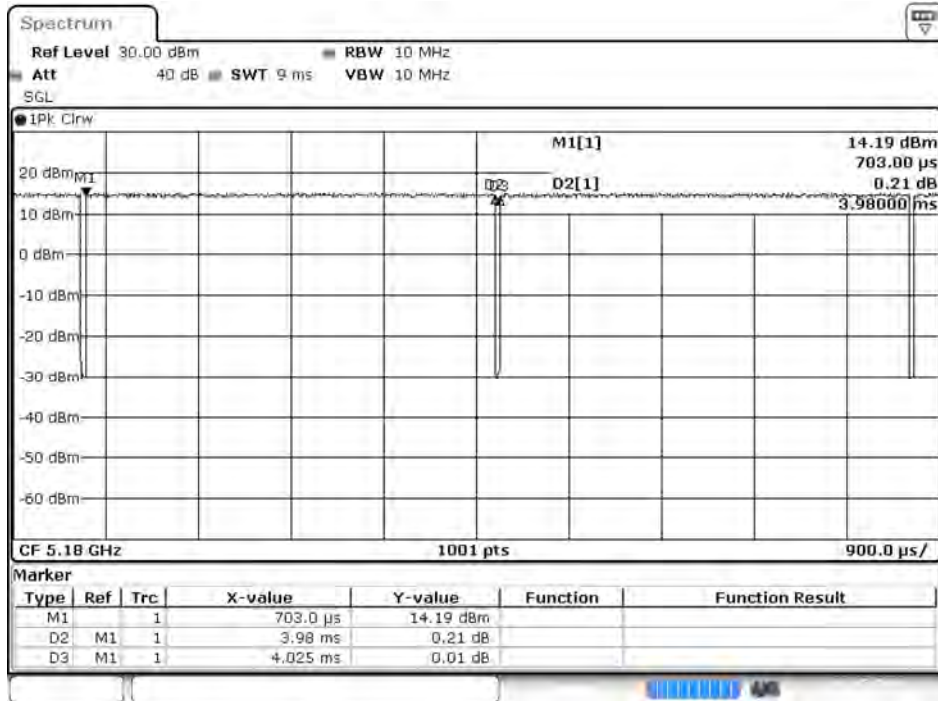


802.11a – SISO A



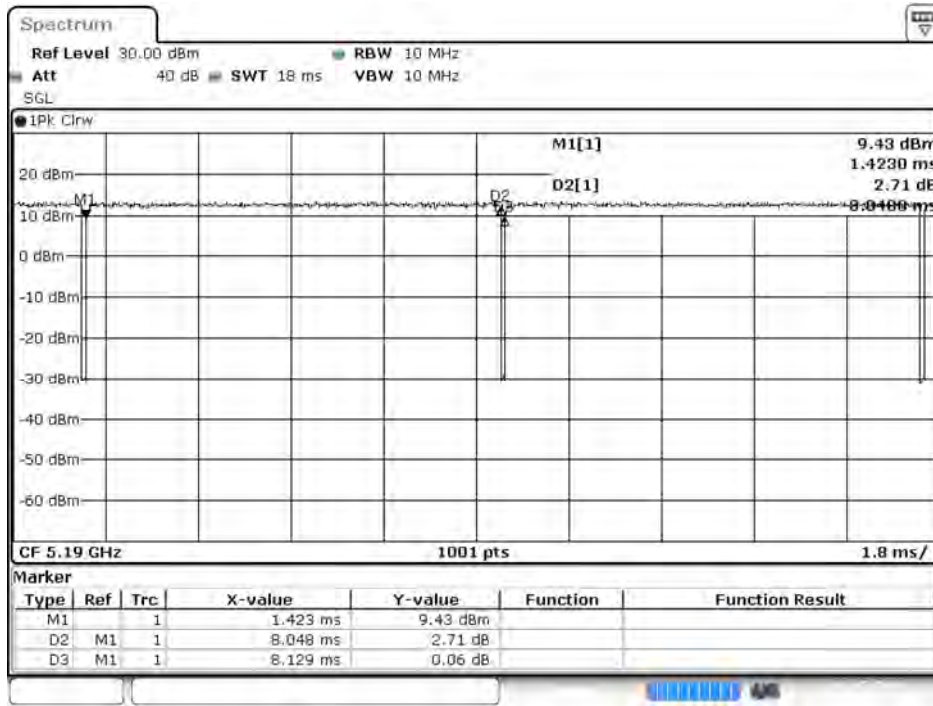
Date: 15 FEB 2022 09:44:36

802.11n20 – SISO A



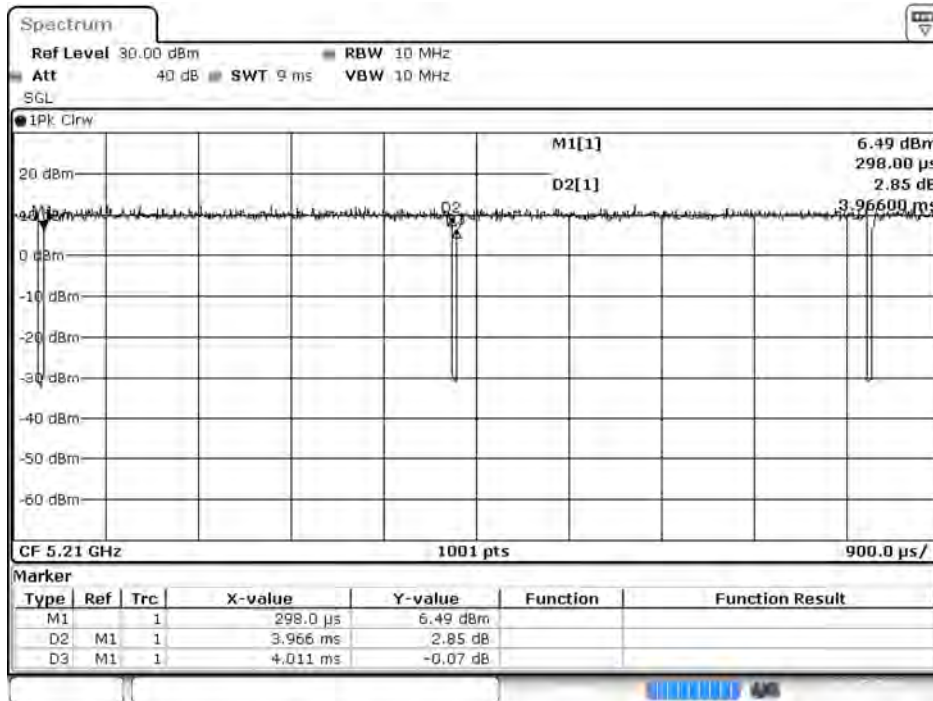
Date: 15 FEB 2022 09:46:29

802.11n40 – SISO A



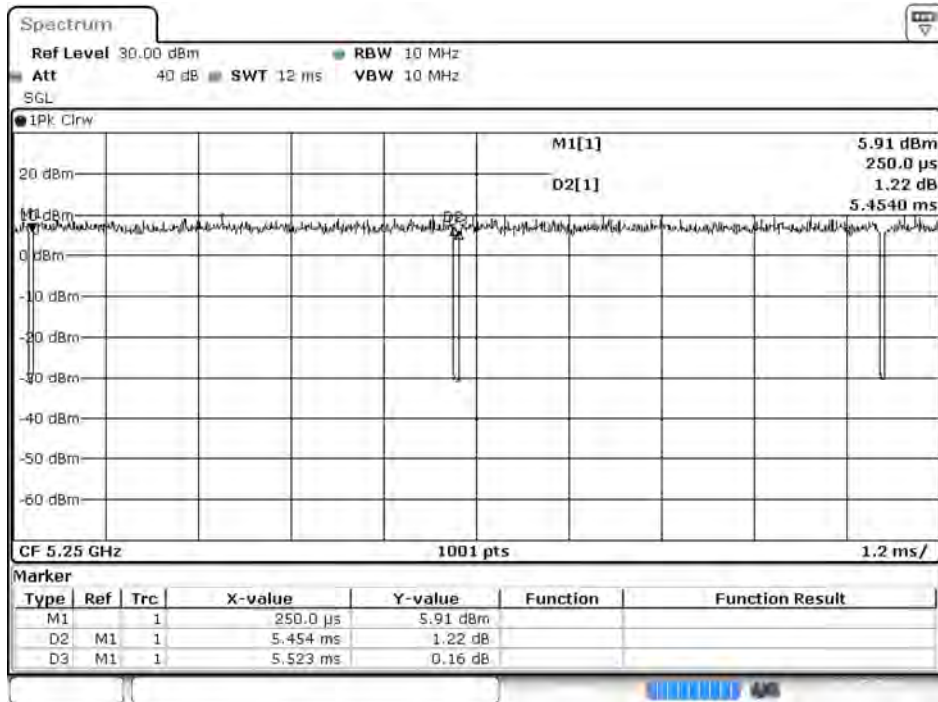
Date: 15 FEB 2022 09:48:27

802.11ac80 – SISO A



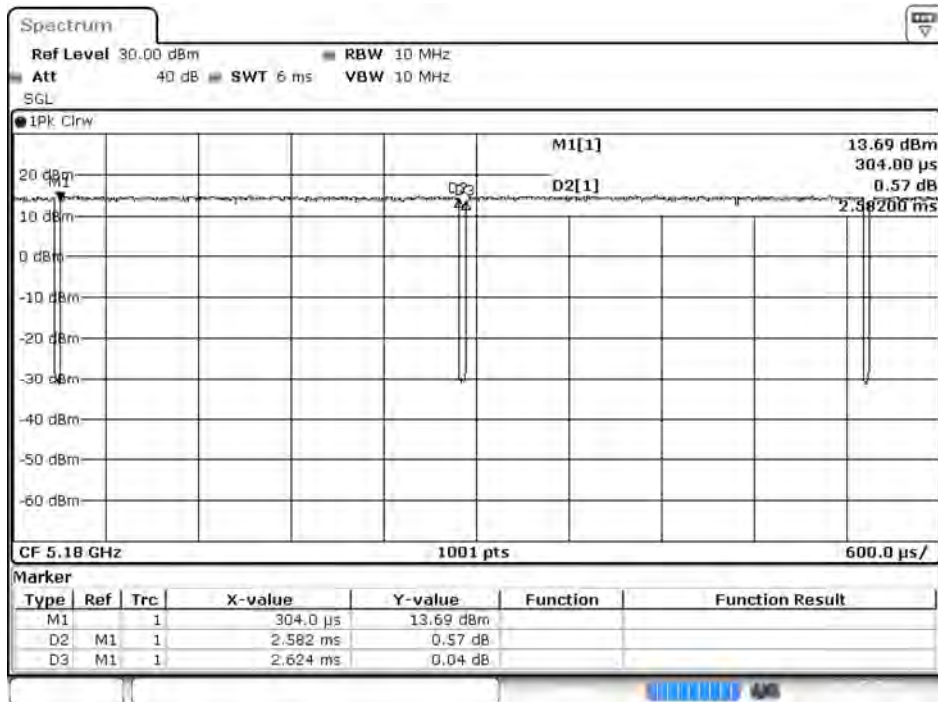
Date: 15 FEB 2022 09:50:14

802.11ac160 – SISO A



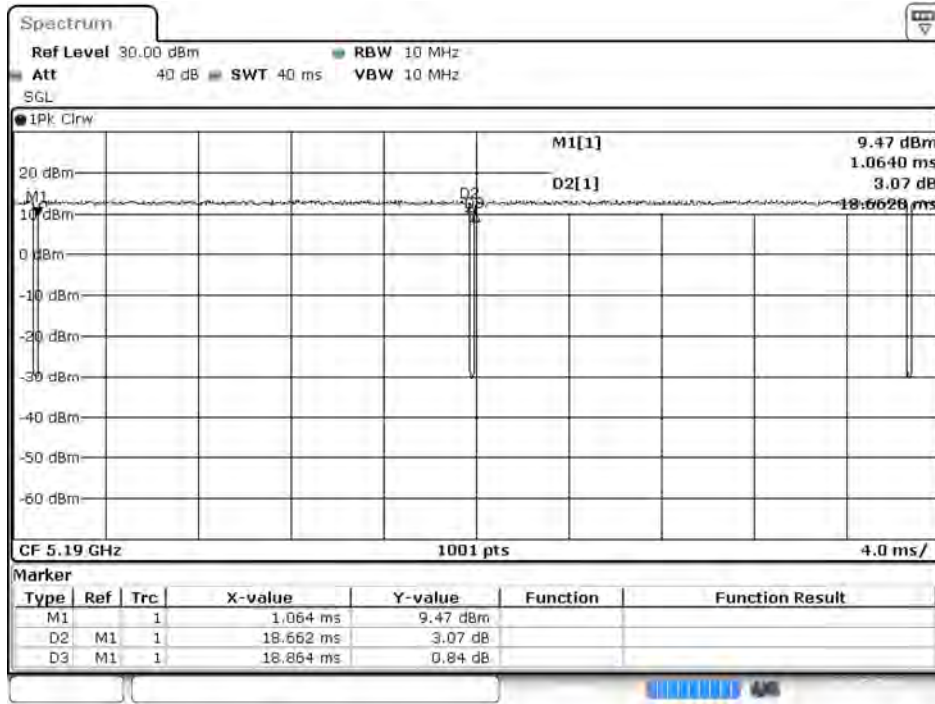
Date: 15 FEB 2022 09:51:39

802.11ax20 – SISO A



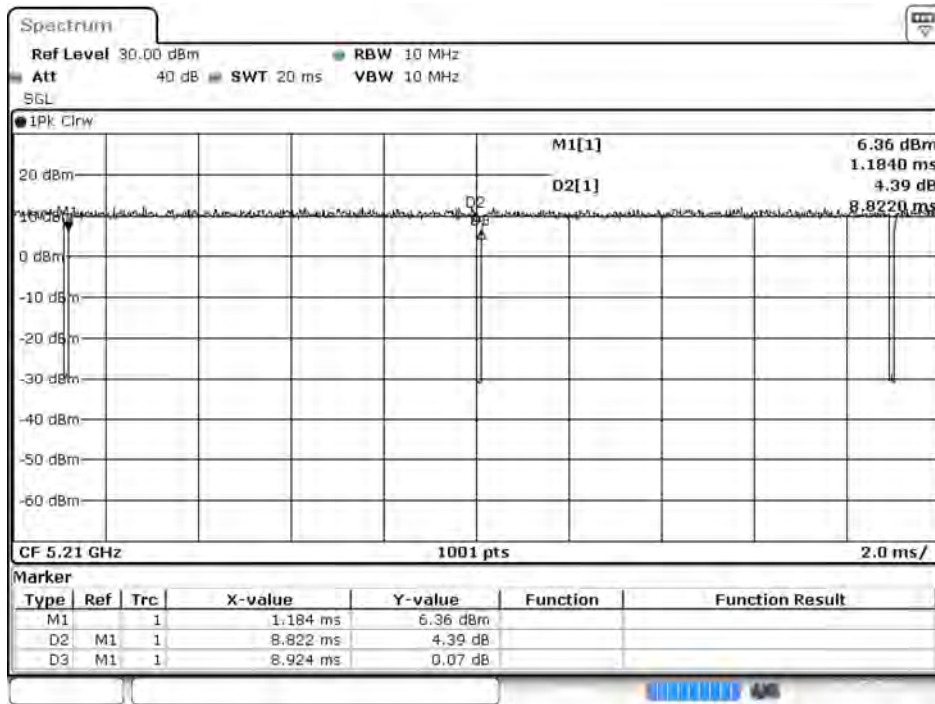
Date: 15 FEB 2022 09:53:38

802.11ax40 – SISO A



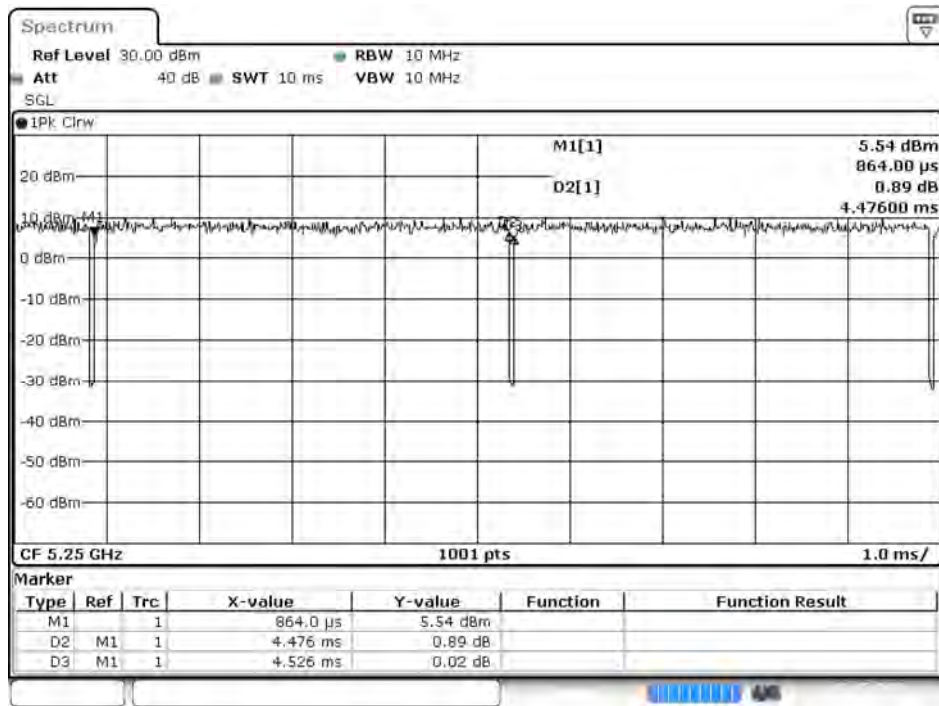
Date: 15 FEB.2022 09:55:56

802.11ax80 – SISO A



Date: 15 FEB.2022 09:57:14

802.11ax160 – SISO A



Date: 15 FEB 2022 09:58:27

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

Duty Cycle Formula:

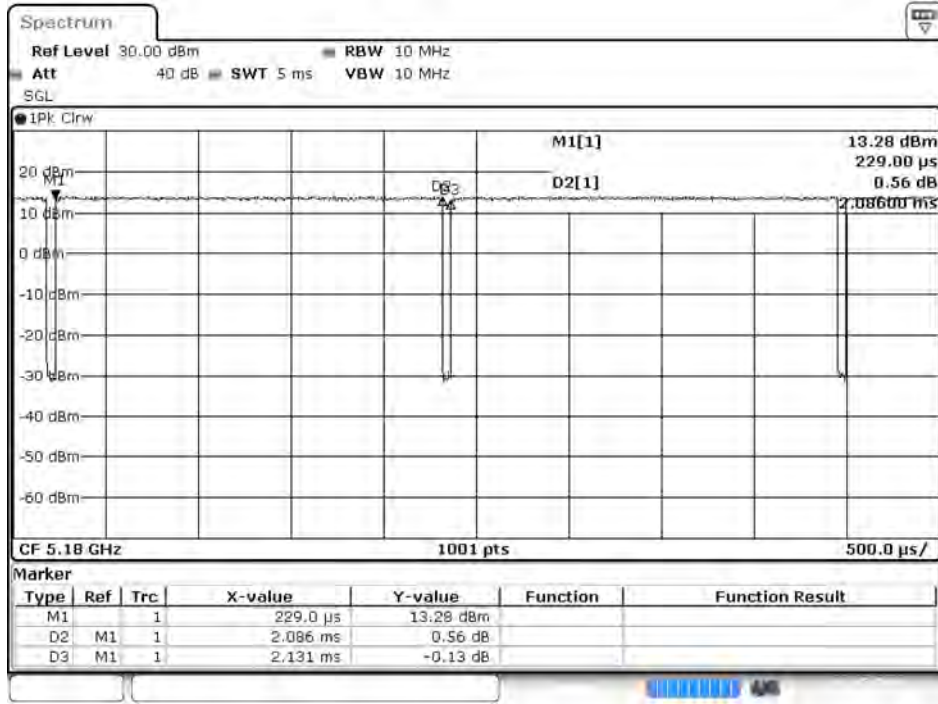
Duty Cycle = Ton / (Ton + Toff)

Duty Factor = 10 Log (1/Duty Cycle)

**Results: SISO B**

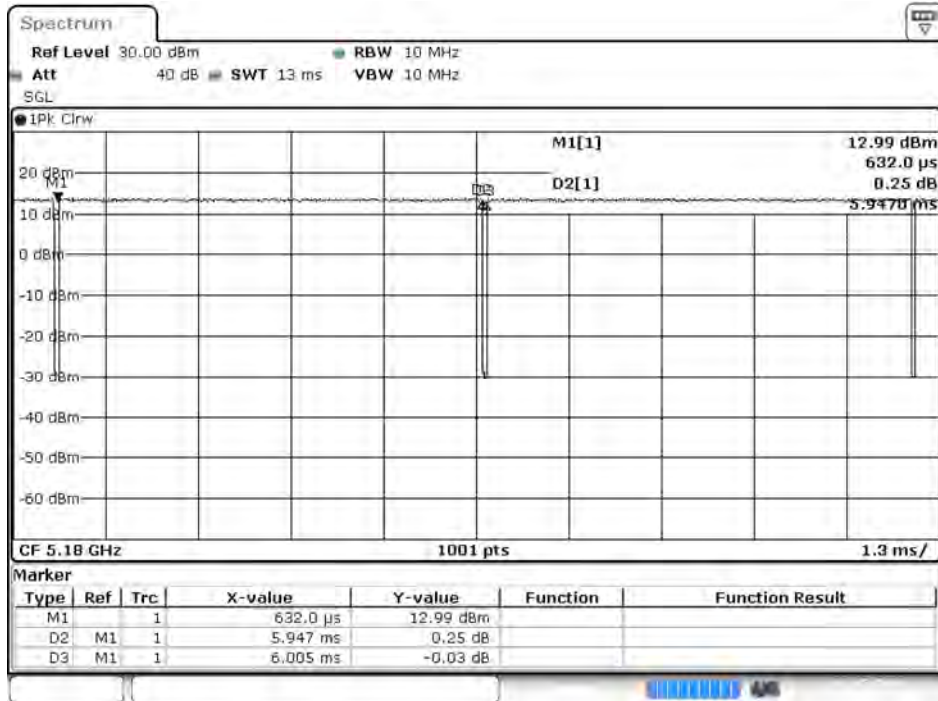
5GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11 a	2.0860	2.1310	97.89	0.09
802.11 n20	5.9470	6.0050	99.03	0.04
802.11 n40	17.7870	17.9650	99.01	0.04
802.11 ac80	10.9120	11.0150	99.06	0.04
802.11 ac160	3.9600	4.0140	98.65	0.06
802.11 ax20	2.5740	2.6160	98.39	0.07
802.11 ax40	18.6540	18.8560	98.93	0.05
802.11 ax80	8.9200	9.0200	98.89	0.05
802.11 ax160	4.4700	4.5300	98.68	0.06

802.11a – SISO B



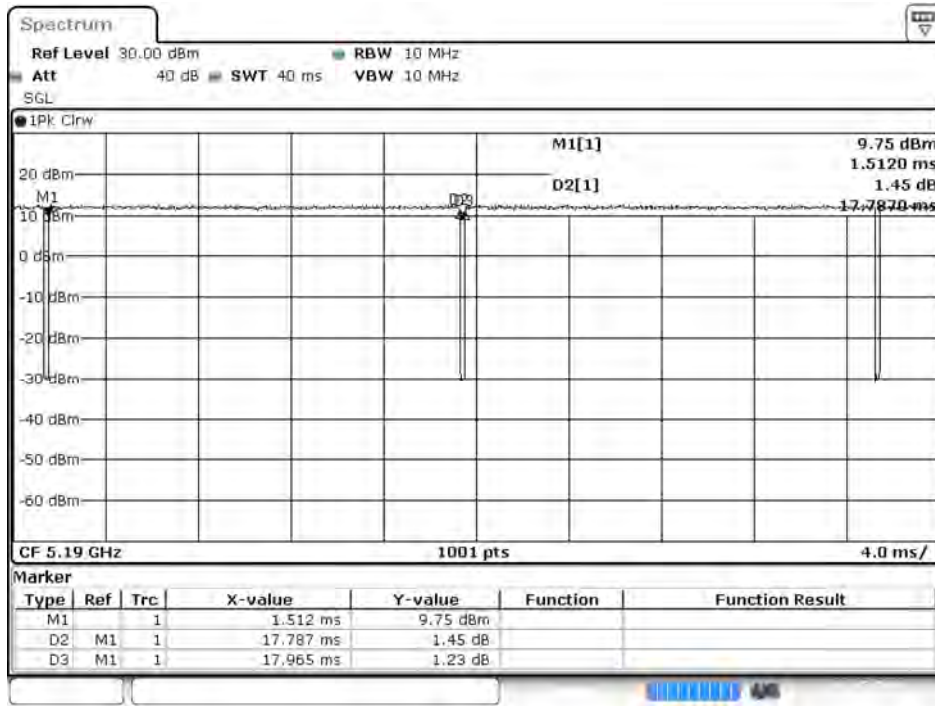
Date: 15.FEB.2022 10:24:40

802.11n20 – SISO B



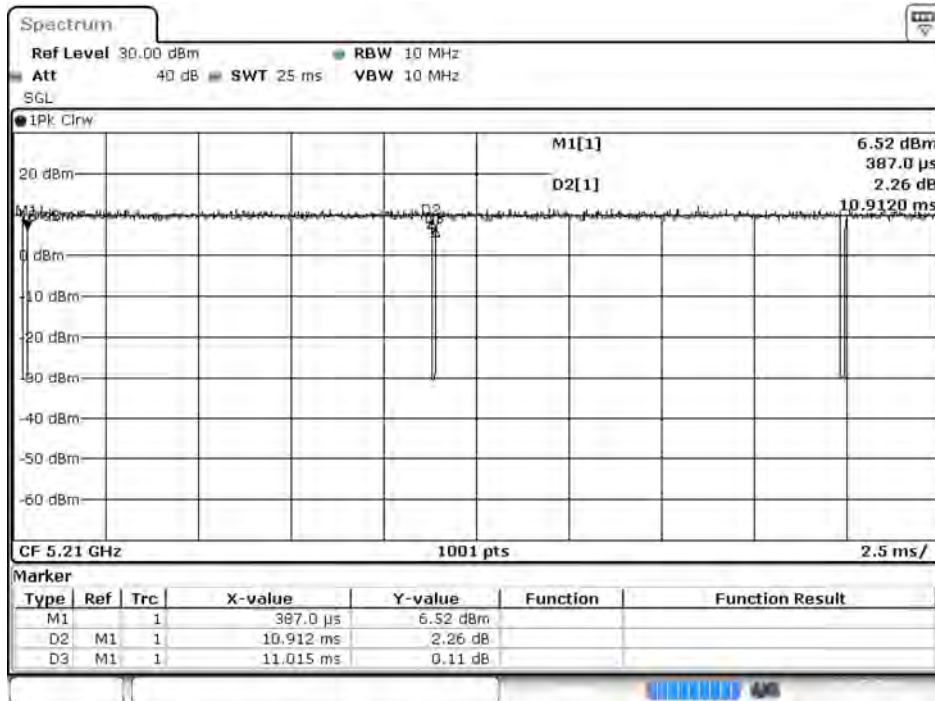
Date: 15.FEB.2022 10:25:53

802.11n40 – SISO B



Date: 15 FEB 2022 10:27:40

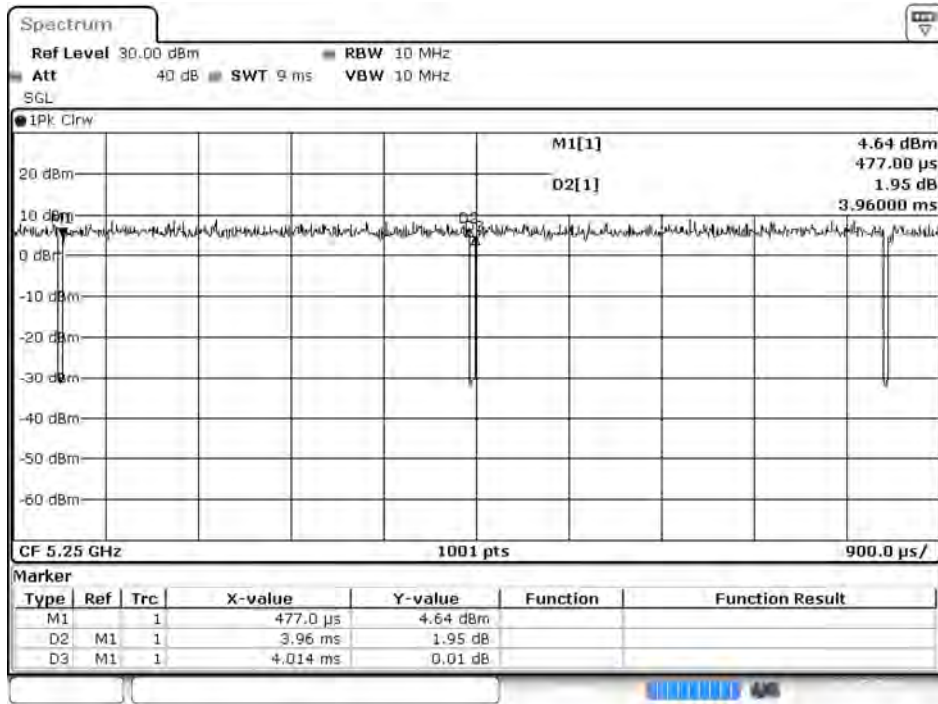
802.11ac80 – SISO B



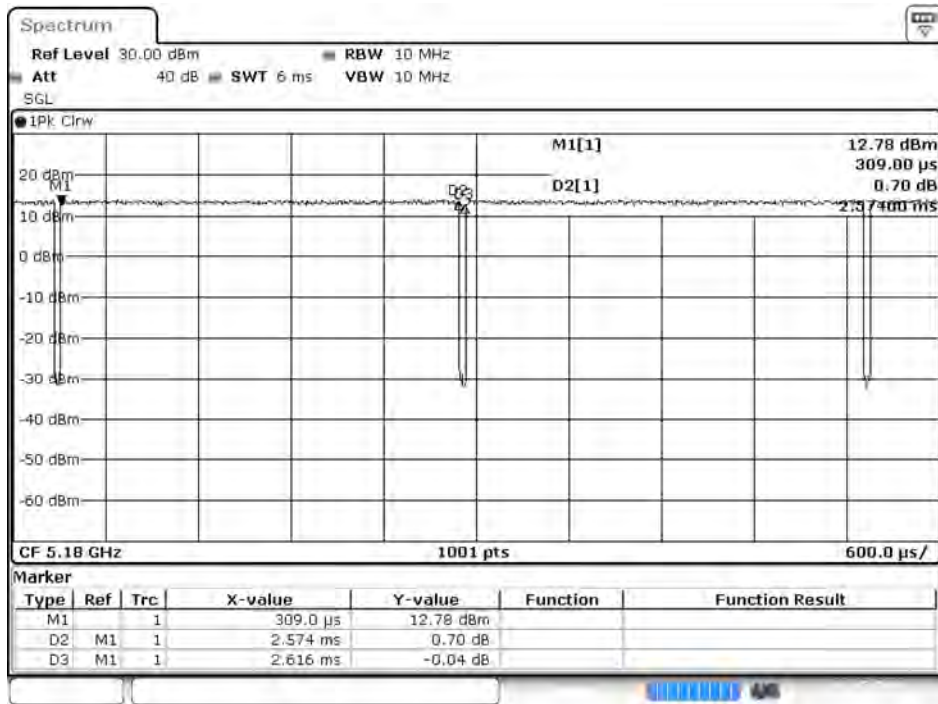
Date: 15 FEB 2022 10:29:42



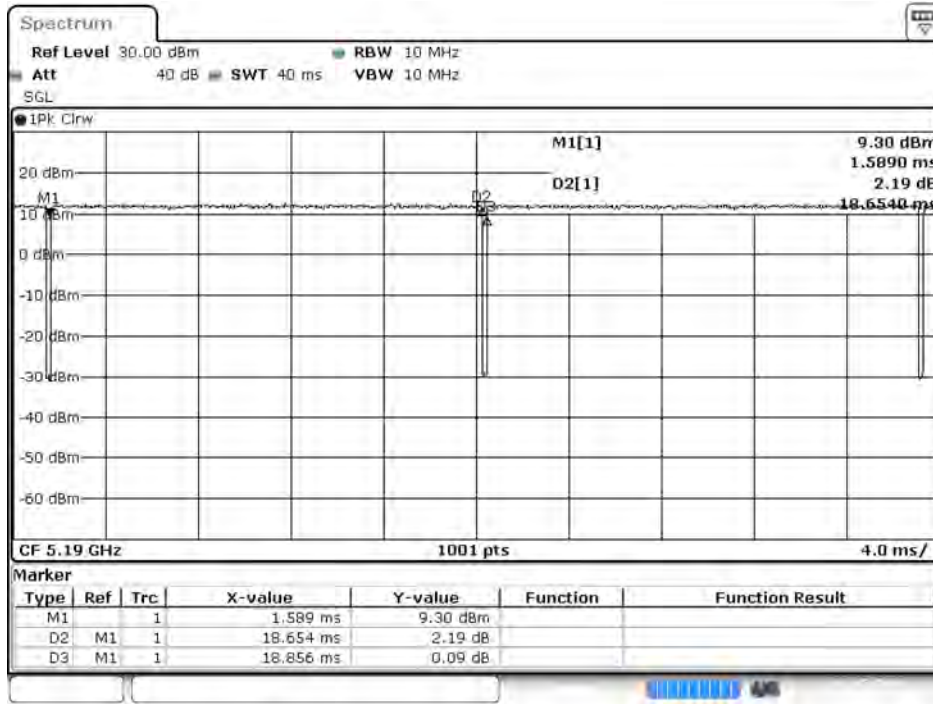
802.11ac160 – SISO B



802.11ax20 – SISO B

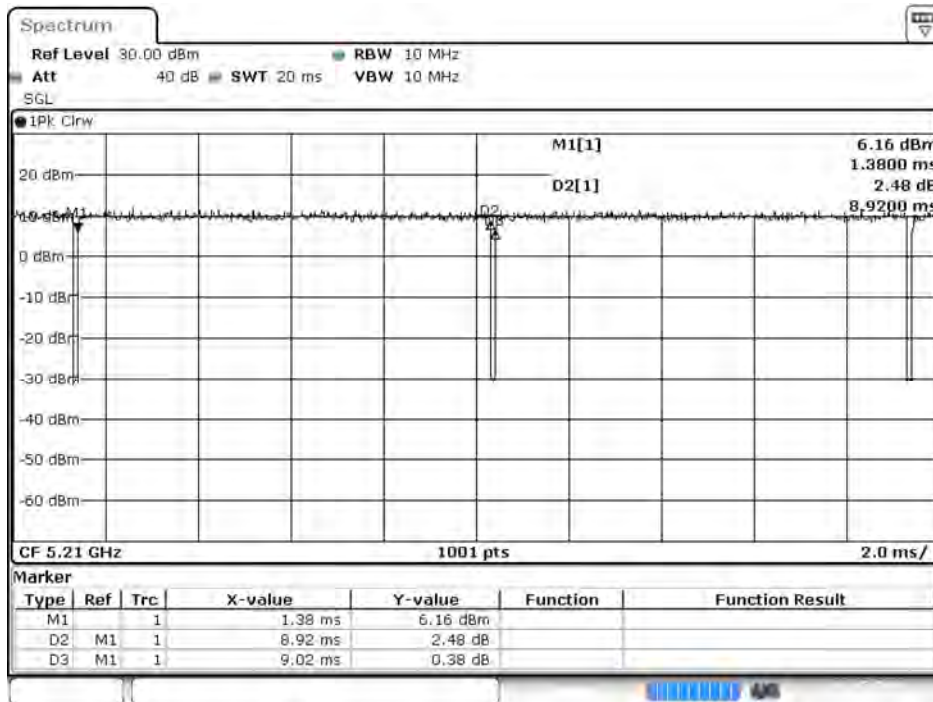


802.11ax40 – SISO B



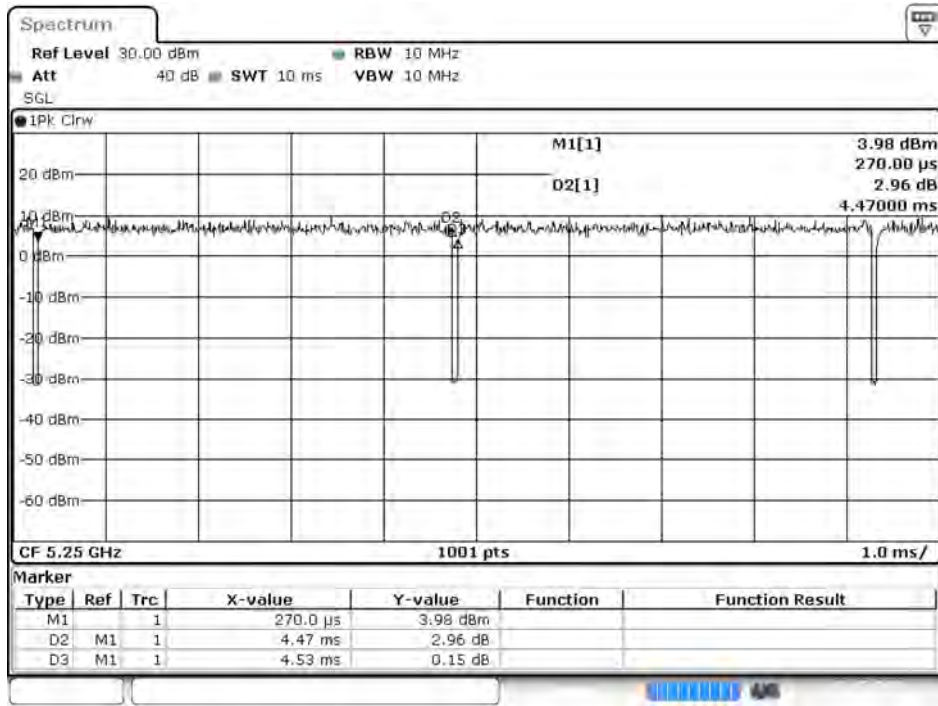
Date: 15 FEB 2022 10:33:56

802.11ax80 – SISO B



Date: 15 FEB 2022 10:35:43

802.11ax160 – SISO B



Date: 15 FEB 2022 10:37:20

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

Duty Cycle Formula:

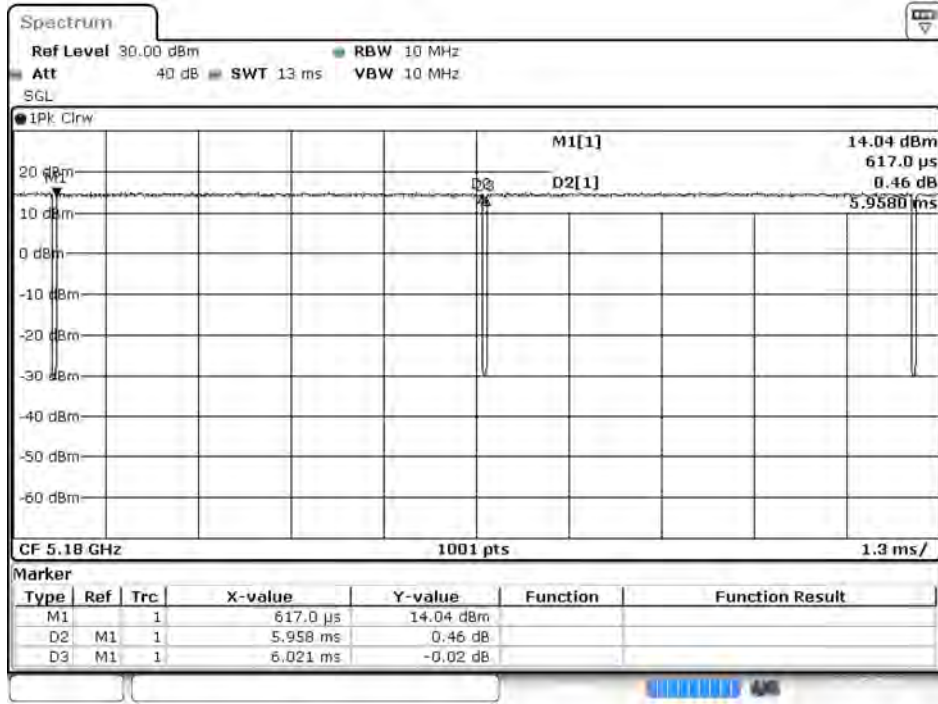
Duty Cycle = Ton / (Ton + Toff)

Duty Factor = 10 Log (1/Duty Cycle)

**Results: MIMO**

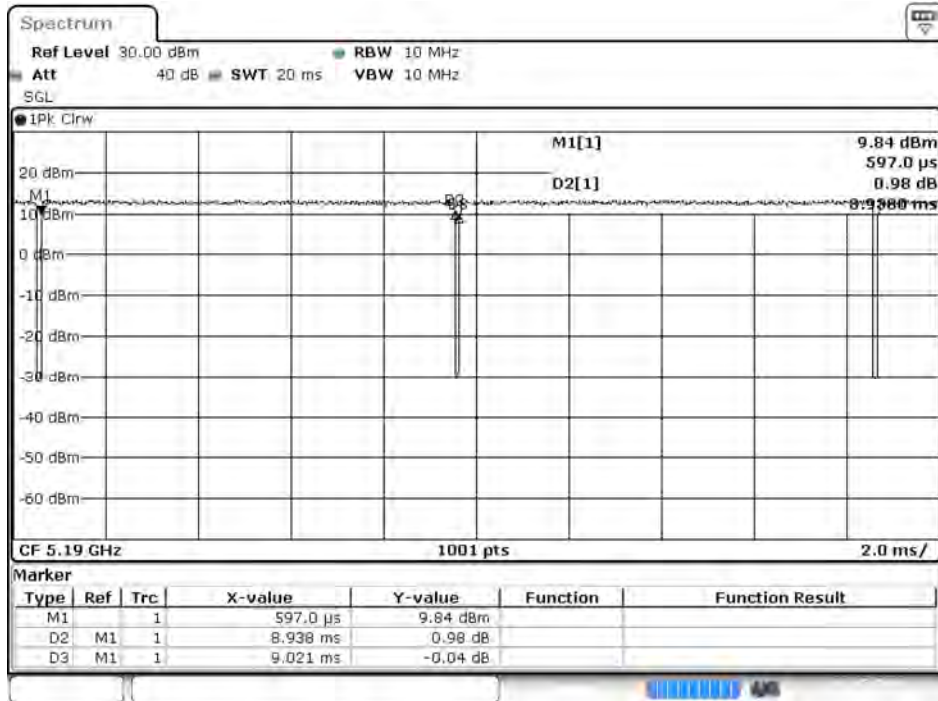
5GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11 n20	5.9580	6.0210	98.95	0.05
802.11 n40	8.9380	9.0210	99.08	0.04
802.11 ac80	5.4580	5.5170	98.93	0.05
802.11 ac160	2.7790	2.8270	98.30	0.07
802.11 ax20	18.6190	18.8270	98.90	0.05
802.11 ax40	9.2990	9.3870	99.06	0.04
802.11 ax80	4.4770	4.5270	98.90	0.05
802.11 ax160	2.2770	2.3270	97.85	0.09

802.11n20 - MIMO



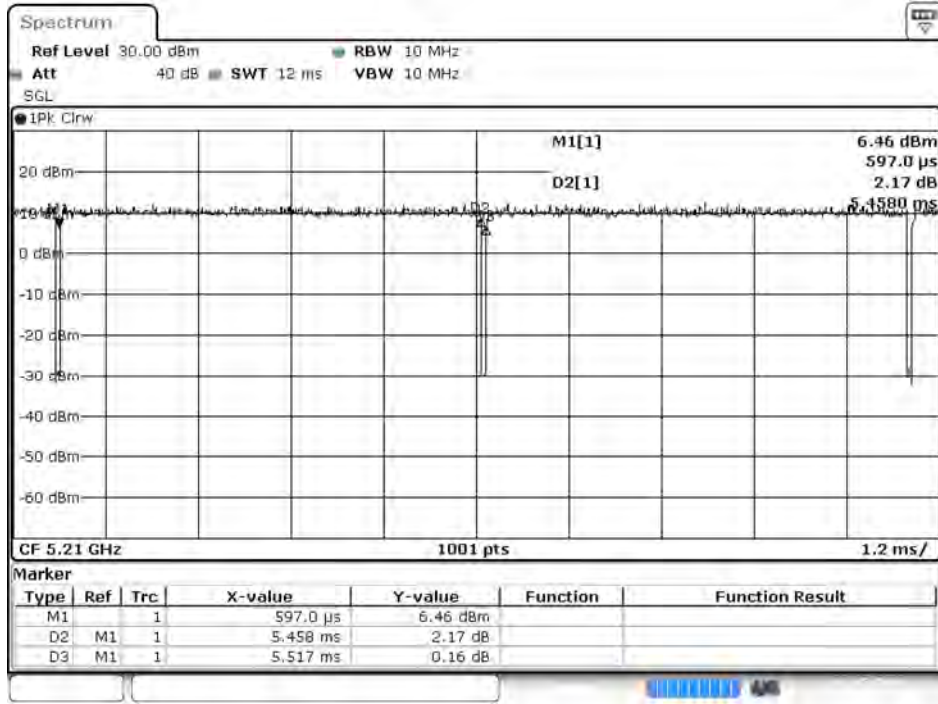
Date: 15.FEB.2022 10:00:46

802.11n40 - MIMO



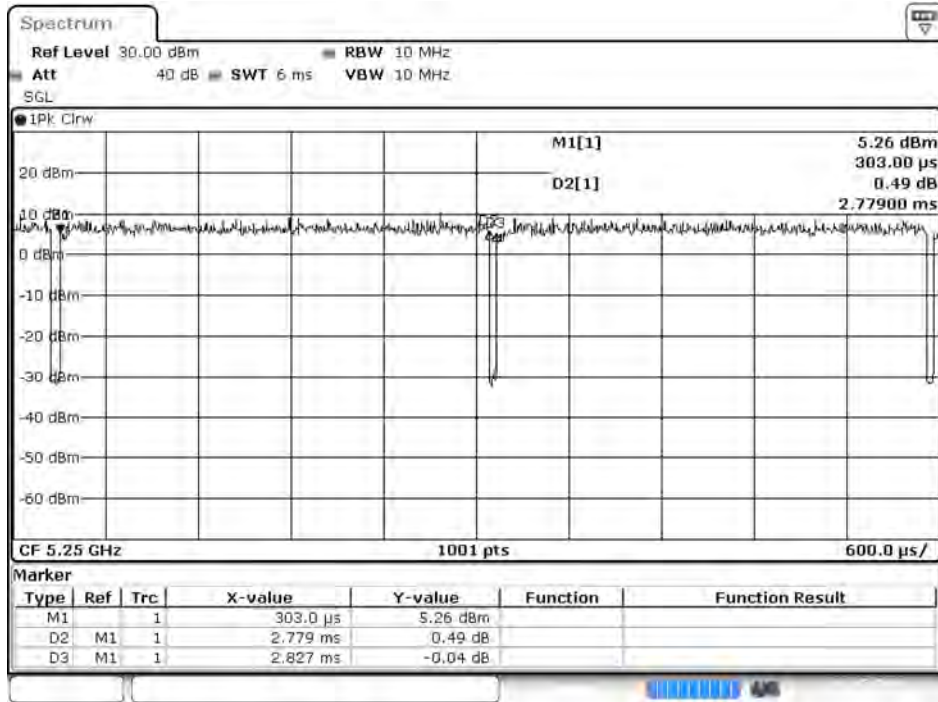
Date: 15.FEB.2022 10:02:08

802.11ac80 - MIMO



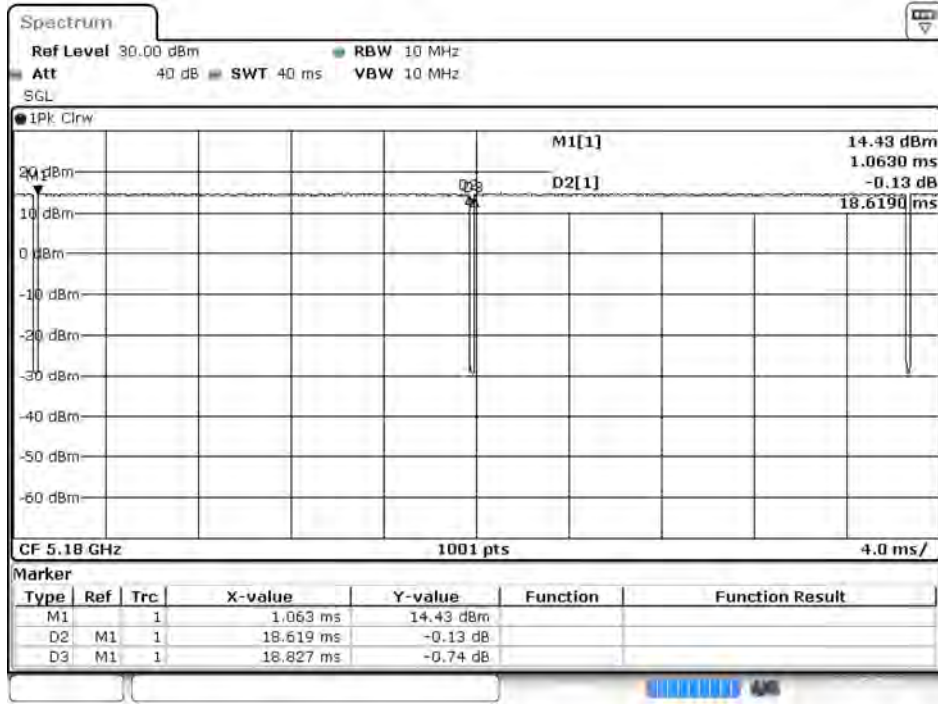
Date: 15 FEB 2022 10:03:40

802.11ac160 - MIMO



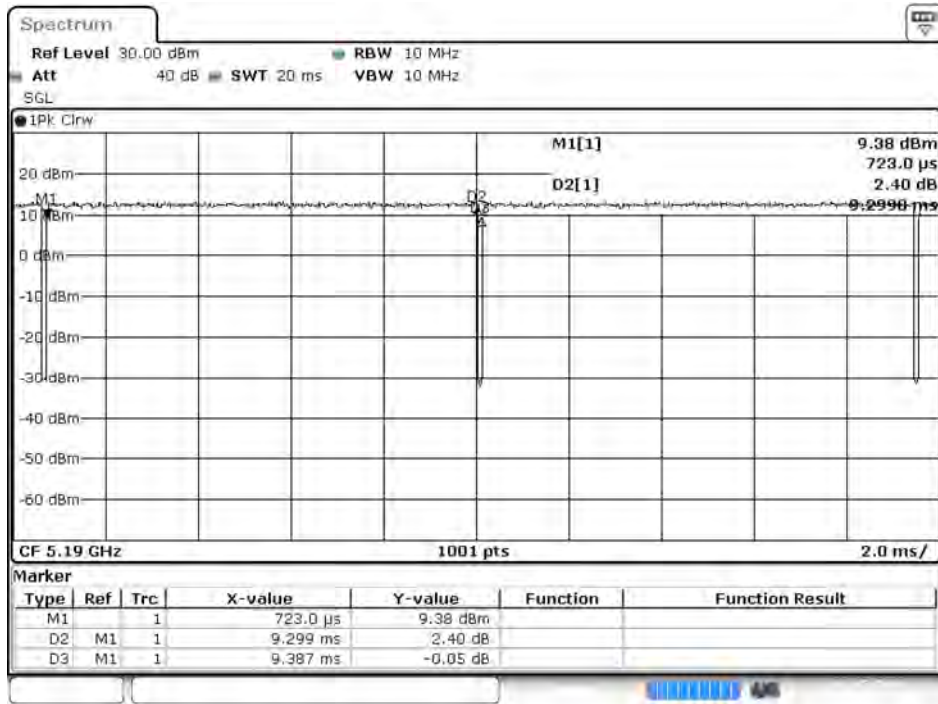
Date: 15 FEB 2022 10:05:04

802.11ax20 - MIMO



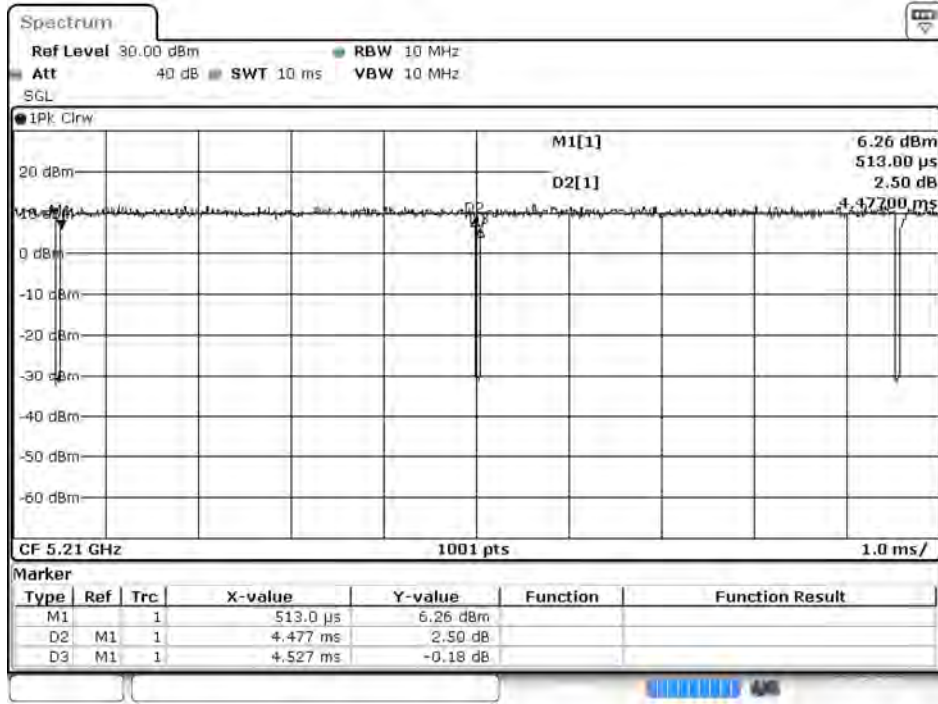
Date: 15.FEB.2022 10:06:51

802.11ax40 - MIMO



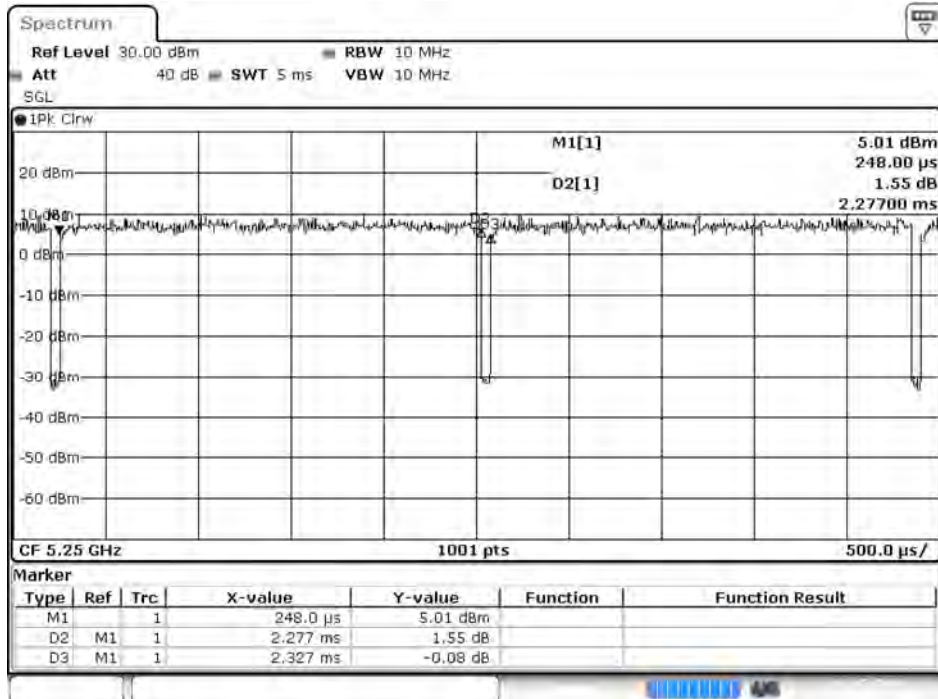
Date: 15.FEB.2022 10:08:14

802.11ax80 - MIMO



Date: 15.FEB.2022 10:09:52

802.11ax160 - MIMO



Date: 15.FEB.2022 10:11:08



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

No modification was made during testing.