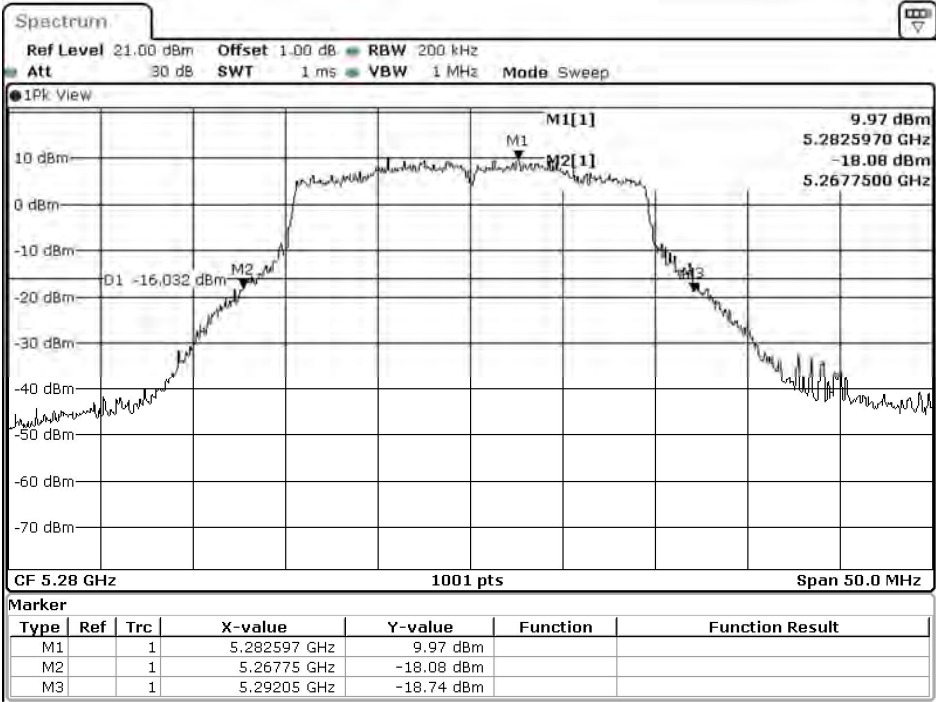
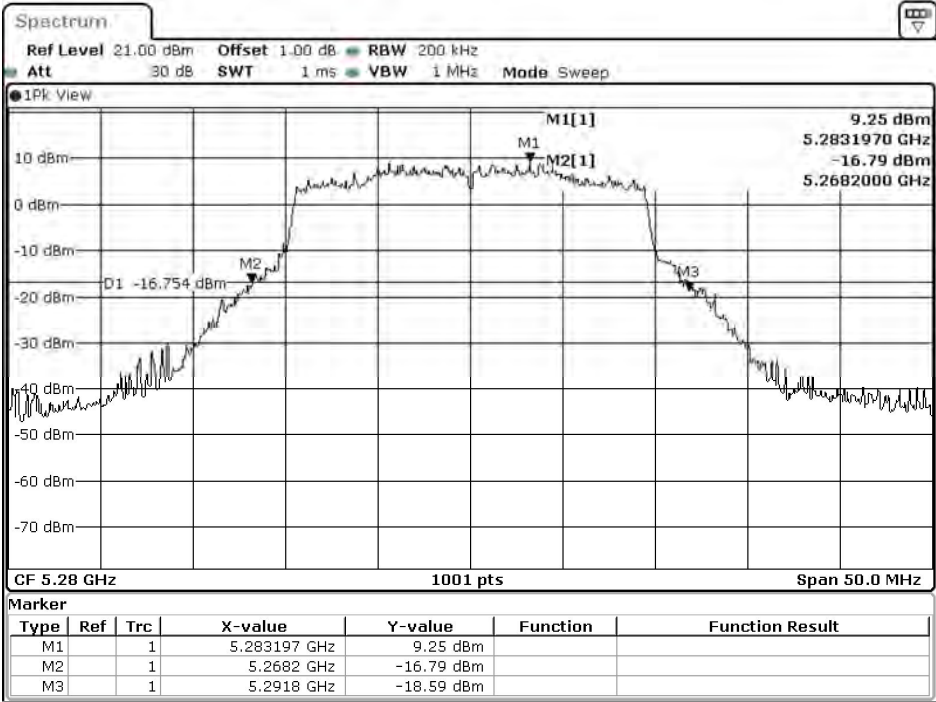


Channel 60 (Chain A)



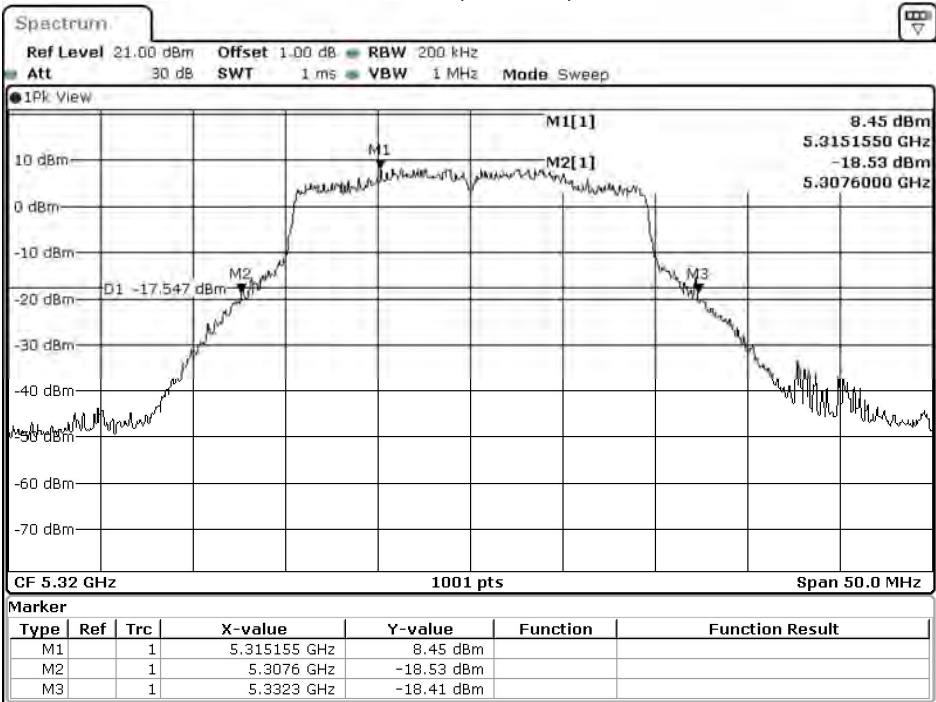
Date: 14.SEP.2021 19:47:43

Channel 60 (Chain B)



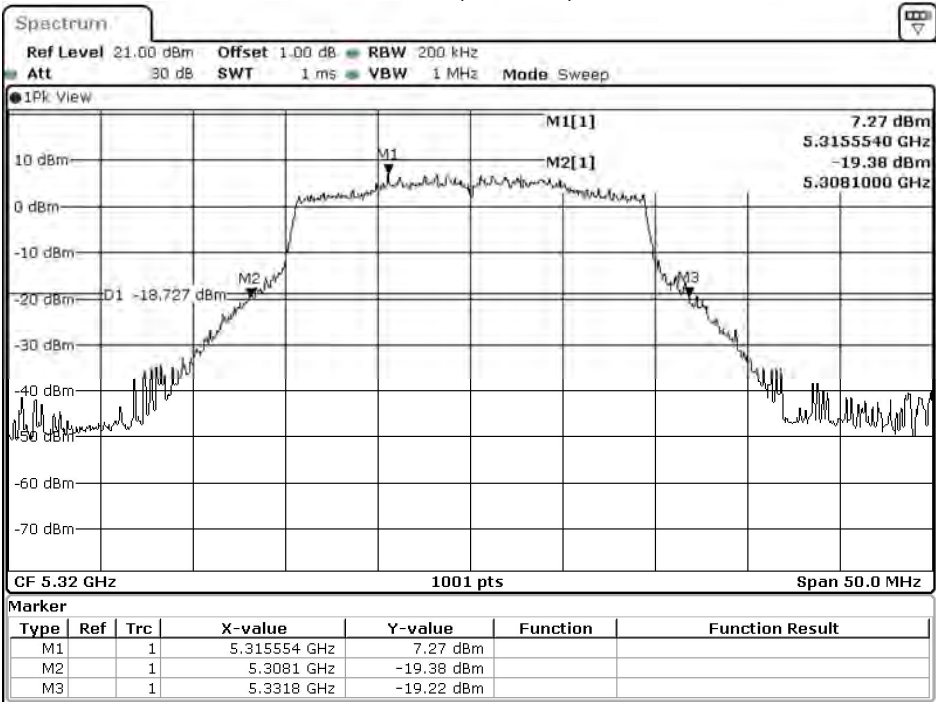
Date: 14.SEP.2021 12:49:10

Channel 64 (Chain A)



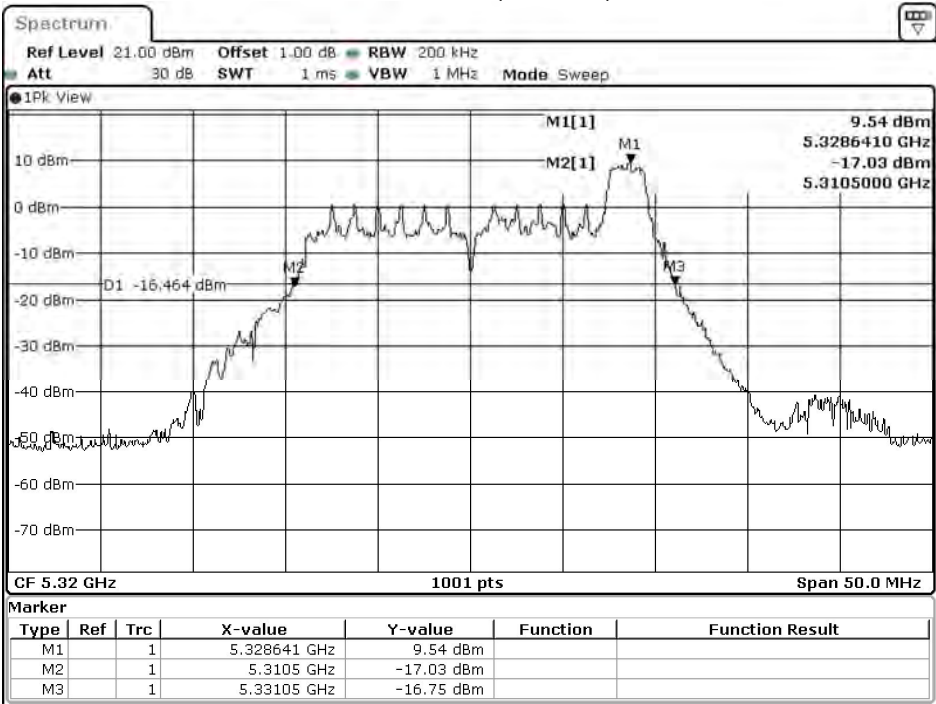
Date: 14.SEP.2021 19:50:26

Channel 64 (Chain B)



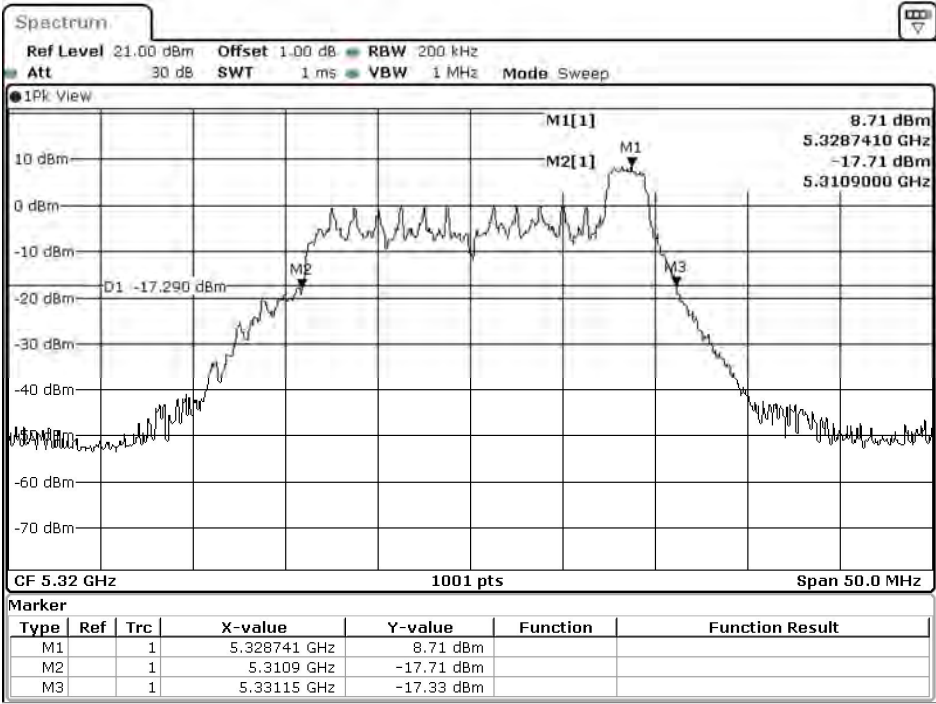
Date: 14.SEP.2021 12:51:53

RU config: Other
26dB Occupied Bandwidth:
Channel 64 - 26/8 (Chain A)



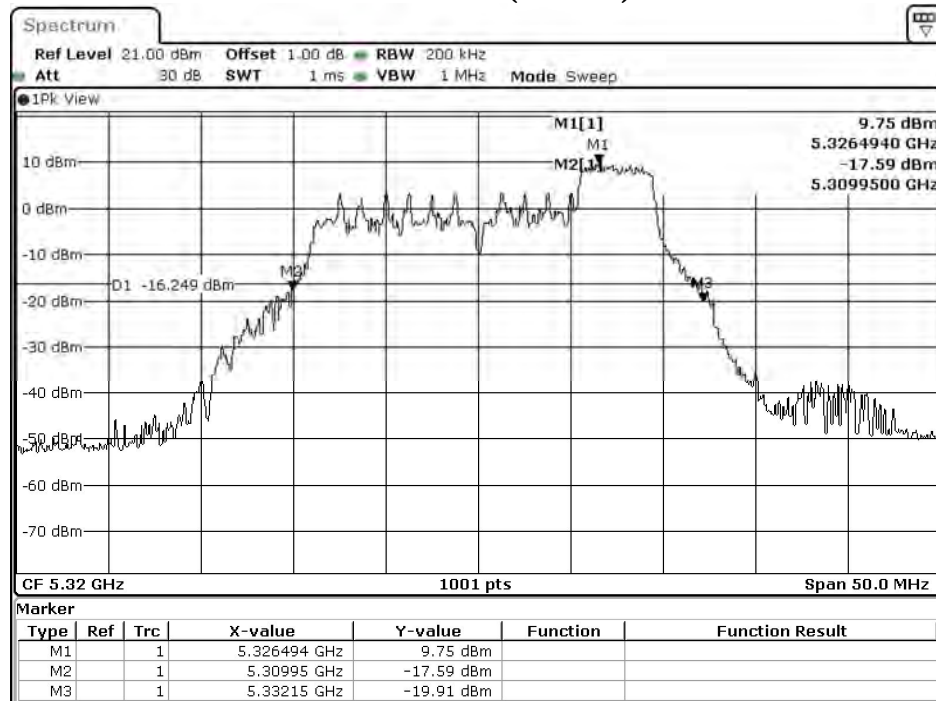
Date: 14.SEP.2021 20:31:21

Channel 64 - 26/8 (Chain B)



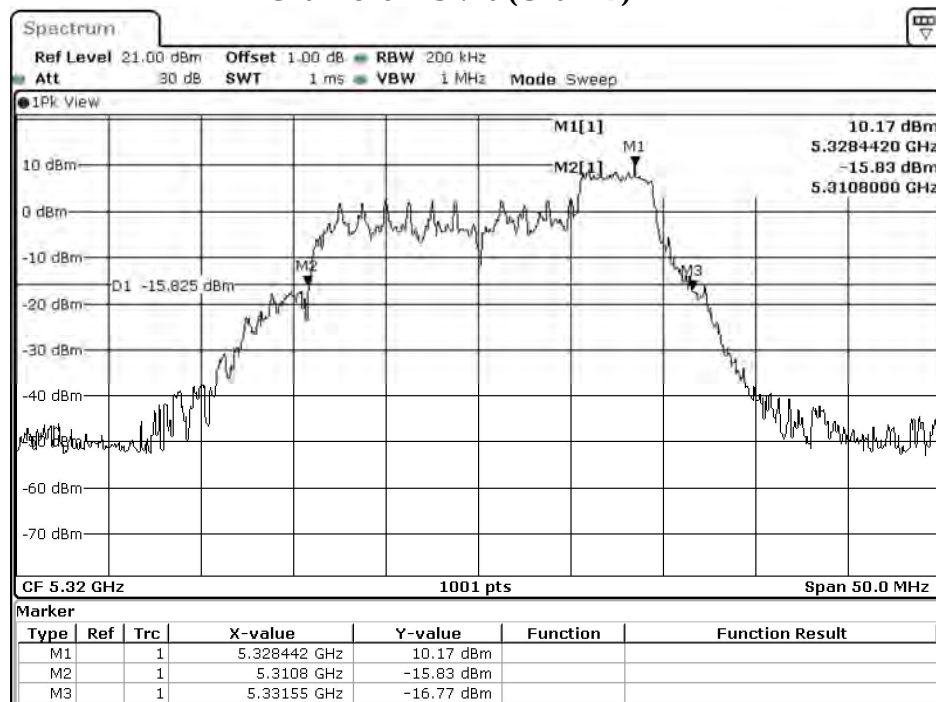
Date: 14.SEP.2021 13:32:48

Channel 64 - 52/40 (Chain A)



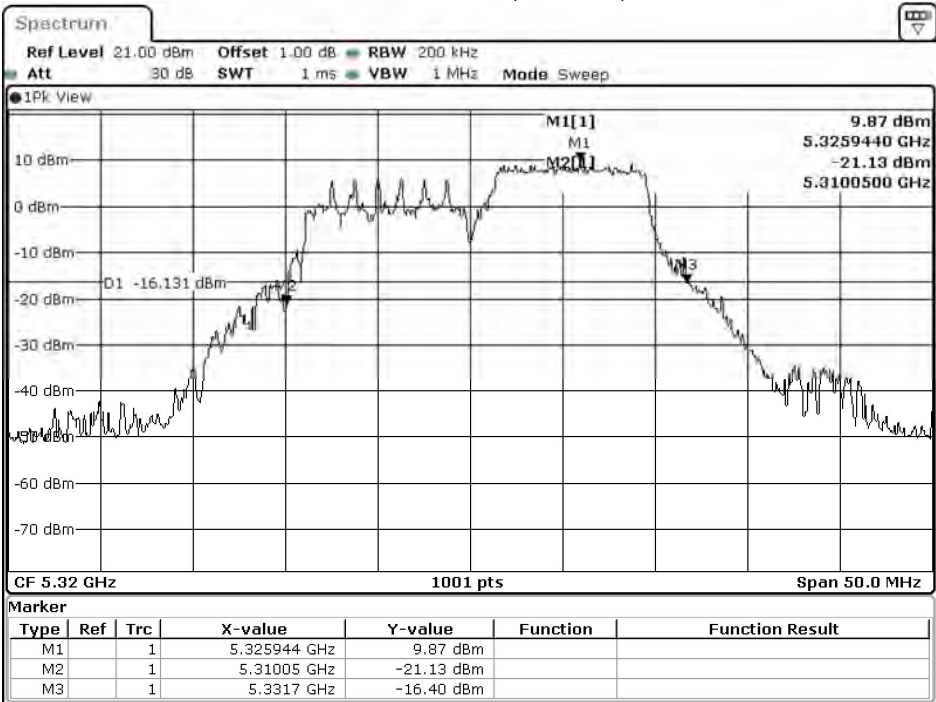
Date: 14.SEP.2021 20:39:05

Channel 64 - 52/40 (Chain B)



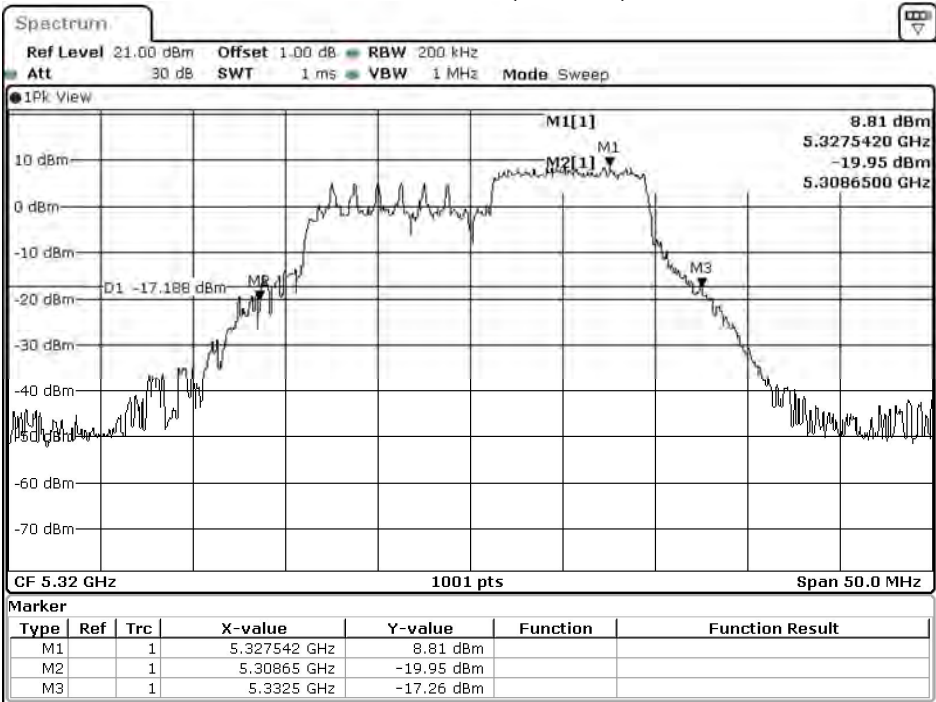
Date: 14.SEP.2021 13:40:32

Channel 64 - 106/54 (Chain A)



Date: 14.SEP.2021 20:41:59

Channel 64 - 106/54 (Chain B)



Date: 14.SEP.2021 13:43:26

Product : Intel® Wi-Fi 6E AX211
 Test Item : Maximum conducted output power
 Test Date : 2021/09/14
 Test Mode : Mode 24: MIMO: Transmit (802.11ax-40BW_34.4Mbps)

Chain A**RU config: Full**

Cable loss=1dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	Data Rate (Mbps)											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
		Measurement Level (dBm)											
38	5190	15.41	--	--	--	--	--	--	--	--	--	--	--
46	5230	19.54	19.49	19.44	19.38	19.33	19.30	19.25	19.22	19.16	19.11	19.07	19.01
54	5270	19.55	--	--	--	--	--	--	--	--	--	--	--
62	5310	15.82	15.79	15.76	15.69	15.66	15.62	15.56	15.53	15.50	15.44	15.38	15.33

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Chain B**RU config: Full**

Cable loss=1dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	Data Rate (Mbps)											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
		Measurement Level (dBm)											
38	5190	14.79	--	--	--	--	--	--	--	--	--	--	--
46	5230	16.96	16.93	16.87	16.82	16.76	16.72	16.69	16.62	16.56	16.52	16.46	16.42
54	5270	18.48	--	--	--	--	--	--	--	--	--	--	--
62	5310	15.64	15.60	15.56	15.51	15.45	15.39	15.35	15.31	15.24	15.17	15.11	15.05

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit		Result
						(dBm)	dBm+10log(BW)	
38	5190	--	15.41	14.79	18.121	24	--	Pass
46	5230	--	19.54	16.96	21.449	24	--	Pass
54	5270	43.60	19.55	18.48	22.058	24	27.39	Pass
62	5310	43.10	15.82	15.64	18.741	24	27.34	Pass

Note:

1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 26dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

Chain A**RU config: Other**

Channel No / Frequency (MHz)	RU setting	Average Power Output (dBm)													Required Limi
		Data Rate (Mbps)													
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11		
38 / 5190	242/61	18.22	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
62 / 5310	242/62	17.41	17.34	17.27	17.22	17.19	17.13	17.07	17.02	16.98	16.92	16.88	16.81	<24dBm	

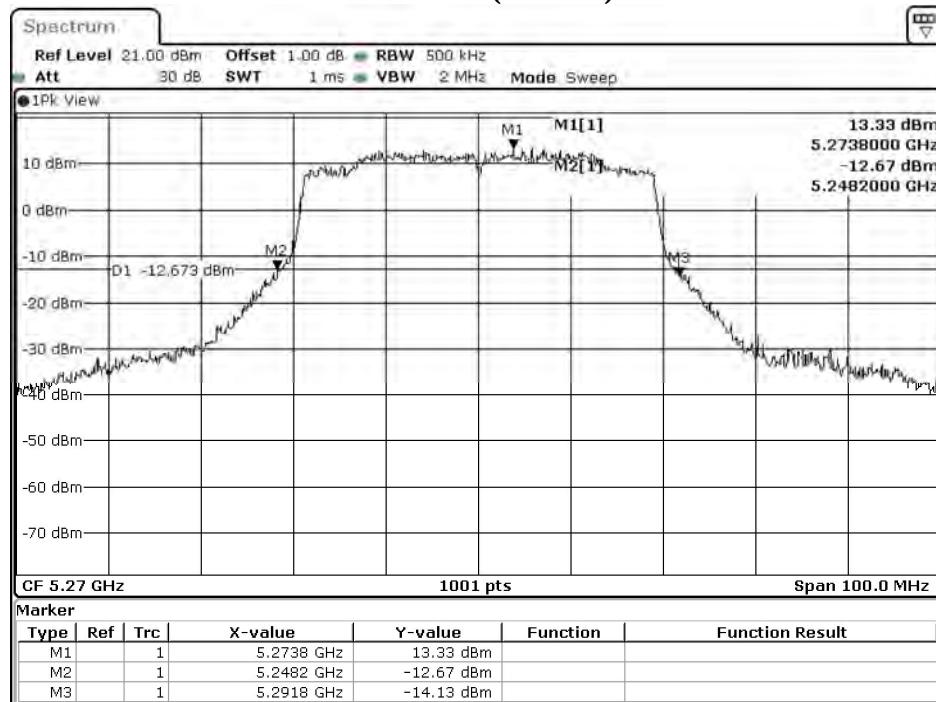
Chain B**RU config: Other**

Channel No / Frequency (MHz)	RU setting	Average Power Output (dBm)													Required Limi
		Data Rate (Mbps)													
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11		
38 / 5190	242/61	15.76	--	--	--	--	--	--	--	--	--	--	--	<24dBm	
62 / 5310	242/62	16.38	16.35	16.31	16.27	16.20	16.14	16.11	16.08	16.03	15.97	15.93	15.89	<24dBm	

Maximum conducted output power Measurement:

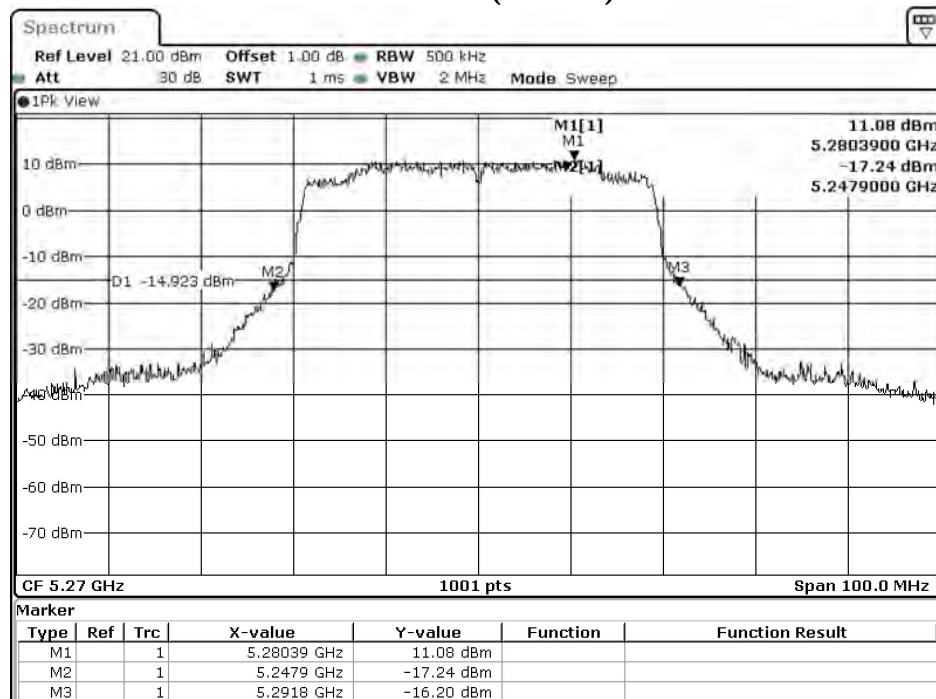
Channel No / Frequency Range	RU setting	26dB Bandwidth	Chain A Power	Chain B Power	Output Power Limit	Output power limit		Result
		(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	dBm+10log (BW)	
38 / 5190	242/61	--	18.22	15.76	20.17	24	--	Pass
62 / 5310	242/62	23.700	17.41	16.38	19.94	24	24.75	Pass

RU config: Full
26dB Occupied Bandwidth:
Channel 54 (Chain A)



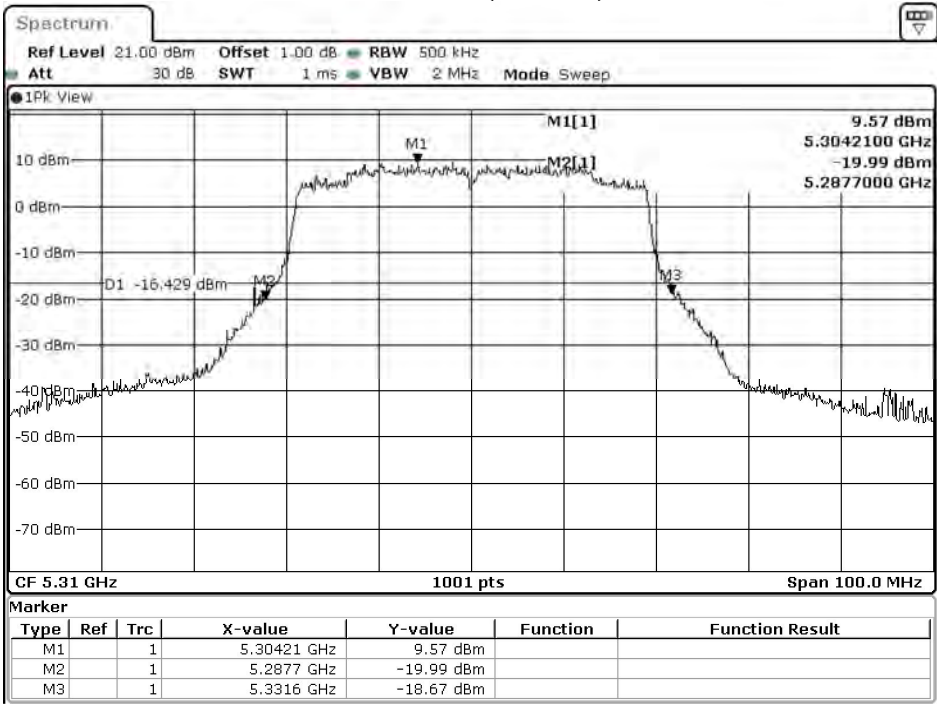
Date: 14.SEP.2021 19:54:34

Channel 54 (Chain B)



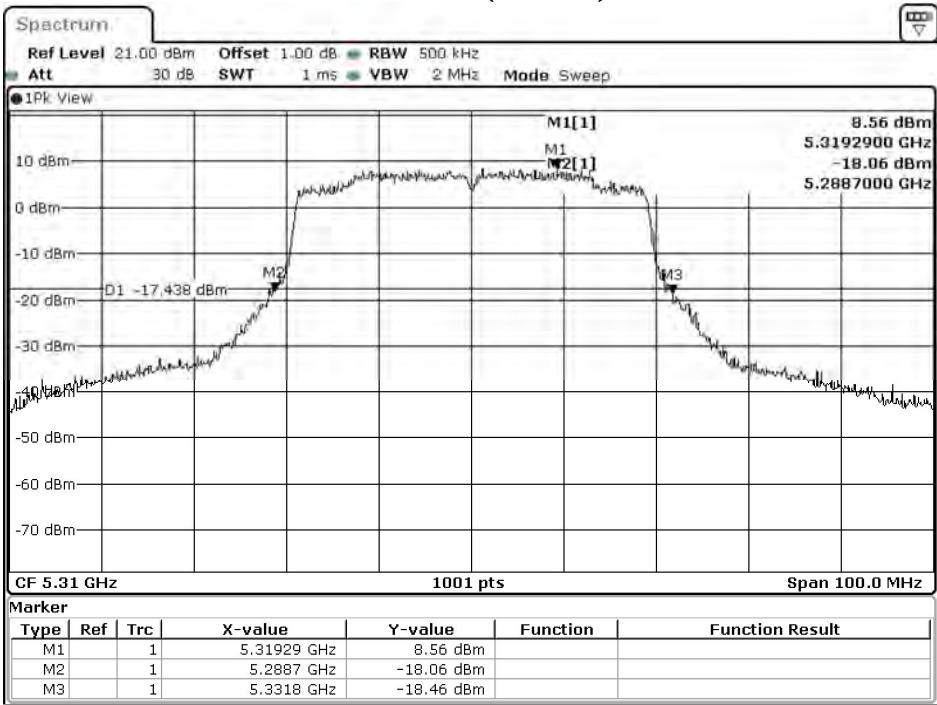
Date: 14.SEP.2021 12:56:01

Channel 62 (Chain A)



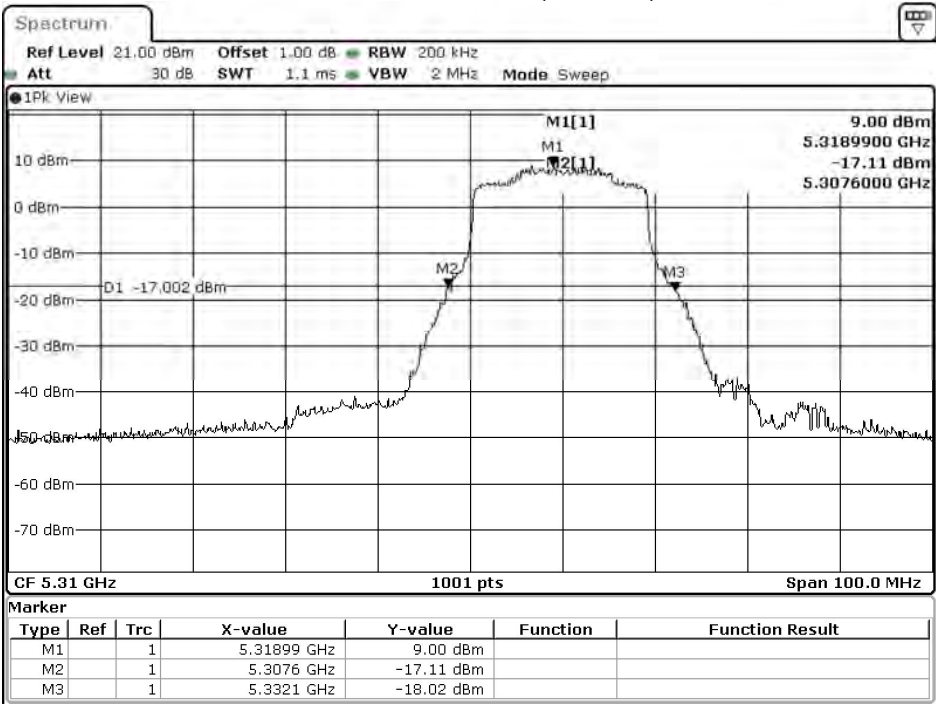
Date: 14.SEP.2021 19:57:12

Channel 62 (Chain B)



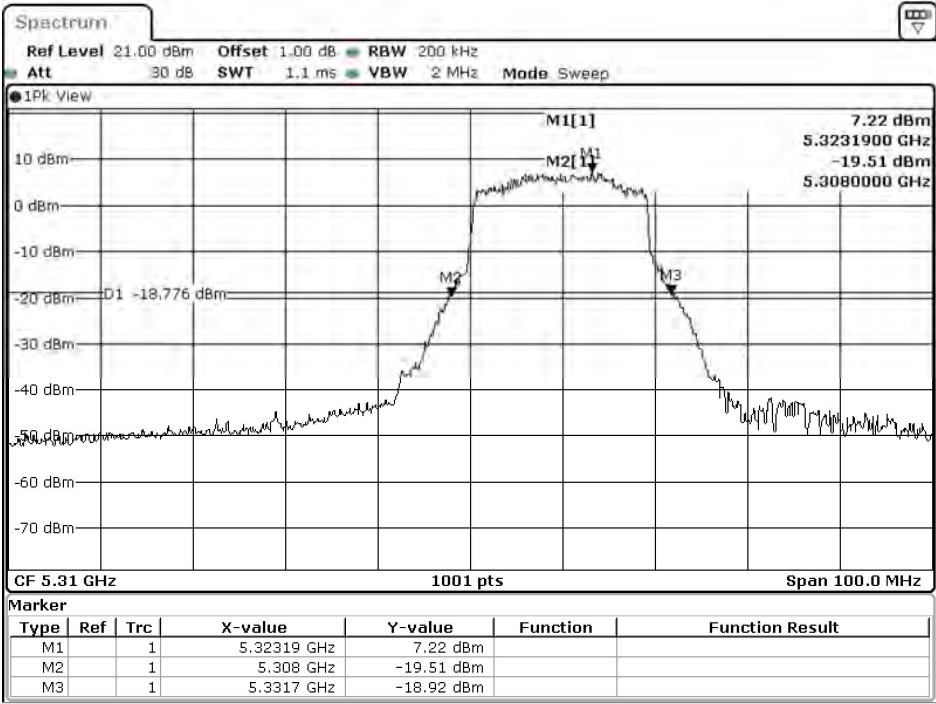
Date: 14.SEP.2021 12:58:39

RU config: Other
26dB Occupied Bandwidth:
Channel 62 - 242/62 (Chain A)



Date: 14.SEP.2021 20:34:44

Channel 62 - 242/62 (Chain B)



Date: 14.SEP.2021 13:36:11

Product : Intel® Wi-Fi 6E AX211
 Test Item : Maximum conducted output power
 Test Date : 2021/09/14
 Test Mode : Mode 25: MIMO: Transmit (802.11ax-80BW_72.1Mbps)

Chain A**RU config: Full**

Cable loss=1dB		Maximum conducted output power											
Channel No	Frequency (MHz)	Data Rate (Mbps)											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
42	5210	15.31	15.26	15.22	15.15	15.09	15.02	14.98	14.91	14.86	14.82	14.78	14.74
58	5290	15.34	15.27	15.22	15.18	15.14	15.09	15.02	14.97	14.94	14.89	14.84	14.79

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Chain B**RU config: Full**

Cable loss=1dB		Maximum conducted output power											
Channel No	Frequency (MHz)	Data Rate (Mbps)											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
42	5210	16.64	16.60	16.55	16.50	16.44	16.40	16.34	16.30	16.25	16.19	16.15	16.10
58	5290	16.06	16.01	15.96	15.93	15.86	15.80	15.74	15.70	15.63	15.56	15.51	15.45

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit		Result
						(dBm)	dBm+10log(BW)	
42	5210	--	15.31	16.64	19.036	24	--	Pass
58	5290	82.80	15.34	16.06	18.725	24	30.18	Pass

Note:

1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 26dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

Chain A**RU config: Other**

Channel No / Frequency Range (MHz)	RU setting	Maximum Conducted Power Output (dBm)												
		Data Rate (Mbps)												Required Limit
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11	
42/5210	484/65	15.24	15.18	15.11	15.07	15.02	14.97	14.92	14.86	14.80	14.74	14.70	14.63	<24dBm
58/5290	484/66	14.15	14.10	14.04	14.01	13.95	13.88	13.85	13.80	13.76	13.72	13.67	13.63	<24dBm

Chain B**RU config: Other**

Channel No / Frequency Range (MHz)	RU setting	Maximum Conducted Power Output (dBm)												
		Data Rate (Mbps)												Required Limit
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11	
42/5210	484/65	15.11	15.05	15.01	14.94	14.90	14.84	14.79	14.76	14.70	14.63	14.57	14.52	<24dBm
58/5290	484/66	15.58	15.52	15.45	15.41	15.37	15.33	15.28	15.22	15.16	15.13	15.09	15.05	<24dBm

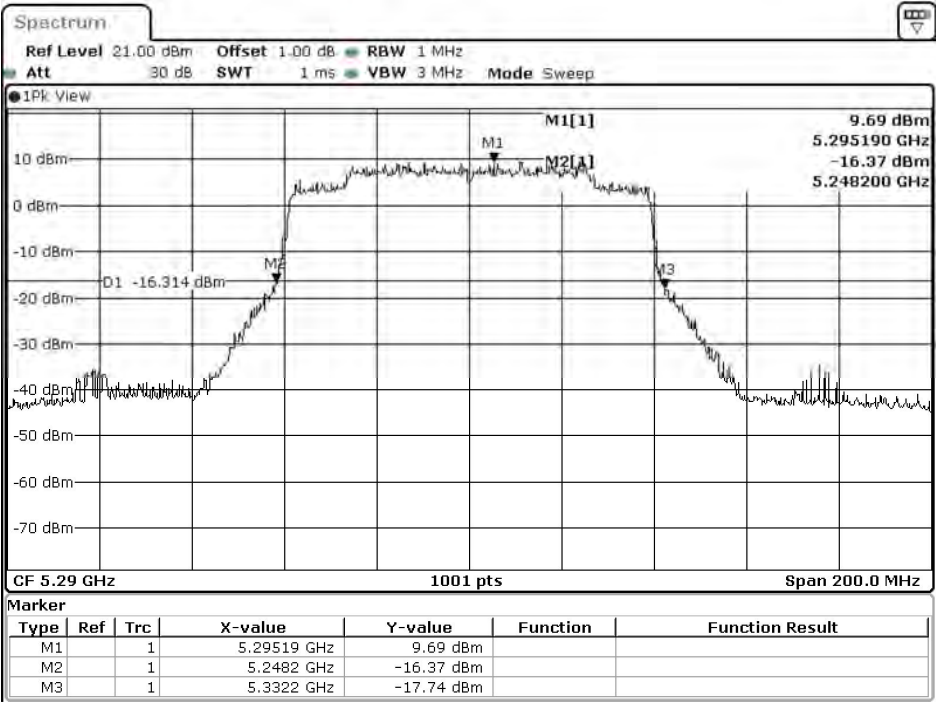
Maximum conducted output power Measurement:

Channel No / Frequency Range	RU setting	26dB Bandwidth	Chain A Power	Chain B Power	Output Power Limit	Output power limit		Result
		(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	dBm+10log (BW)	
42/5210	484/65	--	15.24	15.11	18.19	24	--	Pass
58/5290	484/66	42.400	14.15	15.58	17.93	24	27.27	Pass

Note:

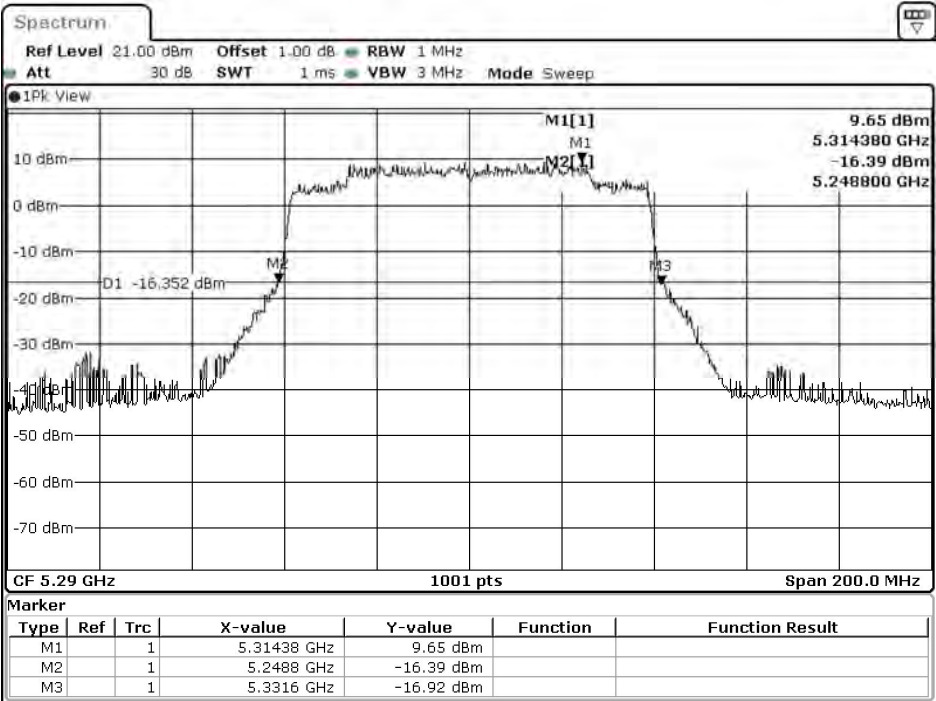
1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 26dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

RU config: Full
26dB Occupied Bandwidth:
Channel 58 (Chain A)



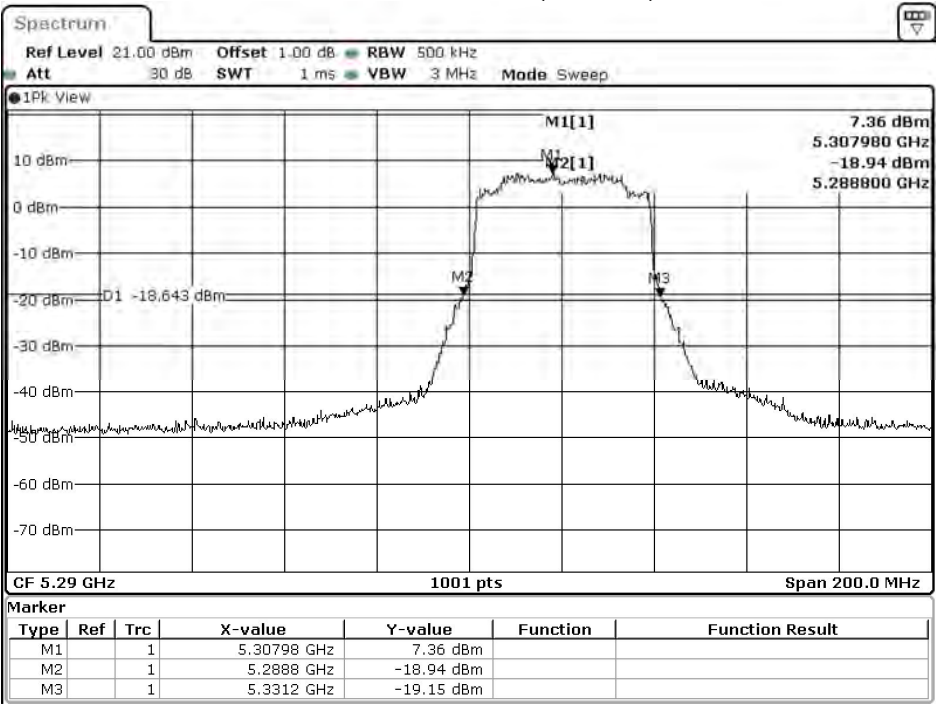
Date: 14.SEP.2021 19:39:55

Channel 58 (Chain B)



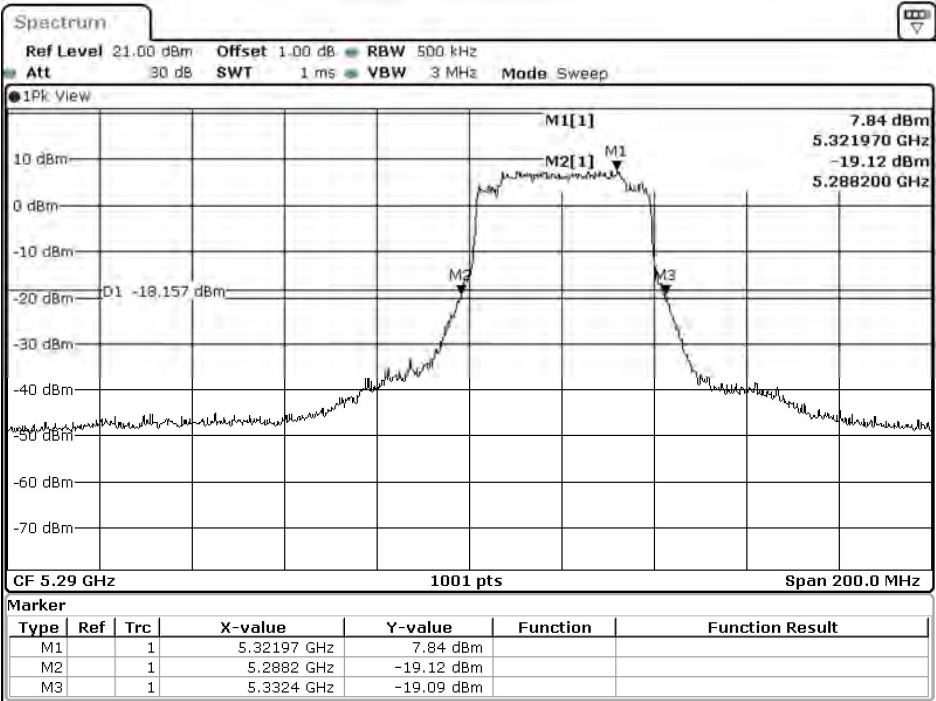
Date: 14.SEP.2021 12:41:22

RU config: Other
26dB Occupied Bandwidth:
Channel 58 - 484/66 (Chain A)



Date: 14.SEP.2021 20:28:36

Channel 58 - 484/66 (Chain B)



Date: 14.SEP.2021 13:30:03

Product : Intel® Wi-Fi 6E AX211
 Test Item : Maximum conducted output power
 Test Date : 2021/09/14
 Test Mode : Mode 26: MIMO: Transmit (802.11ax-160BW_144.1Mbps)

Chain A**RU config: Full**

Cable loss=1dB		Maximum conducted output power											
Channel No	Frequency (MHz)	Data Rate (Mbps)											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
50ac160(Band1)	5250	9.65	9.59	9.53	9.49	9.45	9.40	9.35	9.30	9.27	9.21	9.16	9.13
50ac160(Band2)	5250	9.67	9.61	9.56	9.52	9.46	9.40	9.35	9.31	9.27	9.23	9.17	9.11

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Chain B**RU config: Full**

Cable loss=1dB		Maximum conducted output power											
Channel No	Frequency (MHz)	Data Rate (Mbps)											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
50ac160(Band1)	5250	9.82	9.77	9.70	9.64	9.61	9.55	9.48	9.45	9.42	9.38	9.33	9.29
50ac160(Band2)	5250	9.89	9.84	9.80	9.77	9.71	9.66	9.61	9.57	9.53	9.46	9.42	9.38

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	26dB Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit		Result
						(dBm)	dBm+10log(BW)	
50ac160(Band1)	5250	--	9.65	9.82	12.835	24	--	Pass
50ac160(Band2)	5250	82.60	9.67	9.89	12.881	24	20.85	Pass

Note:

1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 26dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

Chain A**RU config: Other**

Channel No / Frequency (MHz)	RU setting	Average Power Output (dBm)												
		Data Rate (Mbps)												Required Limit
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11	
50/5250	996/67	13.11	13.06	13.02	12.95	12.90	12.84	12.78	12.74	12.69	12.63	12.56	12.53	<24dBm
	996/S67	13.67	13.62	13.56	13.50	13.46	13.42	13.35	13.30	13.25	13.20	13.16	13.09	<24dBm

Chain B**RU config: Other**

Channel No / Frequency (MHz)	RU setting	Average Power Output (dBm)												
		Data Rate (Mbps)												Required Limit
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11	
50/5250	996/67	14.52	14.47	14.43	14.38	14.33	14.26	14.21	14.17	14.13	14.07	14.03	13.99	<24dBm
	996/S67	14.84	14.77	14.71	14.64	14.60	14.56	14.49	14.46	14.43	14.40	14.34	14.28	<24dBm

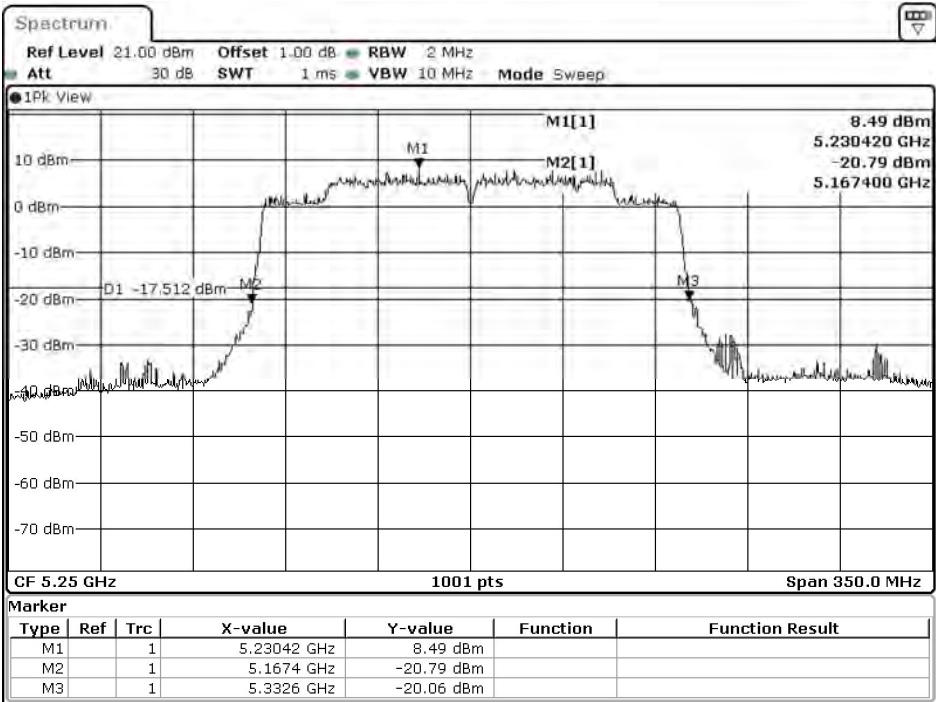
Maximum conducted output power Measurement:

Channel No / Frequency Range	RU setting	26dB Bandwidth	Chain A Power	Chain B Power	Output Power Limit	Output power limit		Result
		(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	dBm+10log (BW)	
50/5250	996/67	--	13.11	14.52	16.88	24	--	Pass
	996/S67	88.200	13.67	14.84	17.30	24	30.45	Pass

Note:

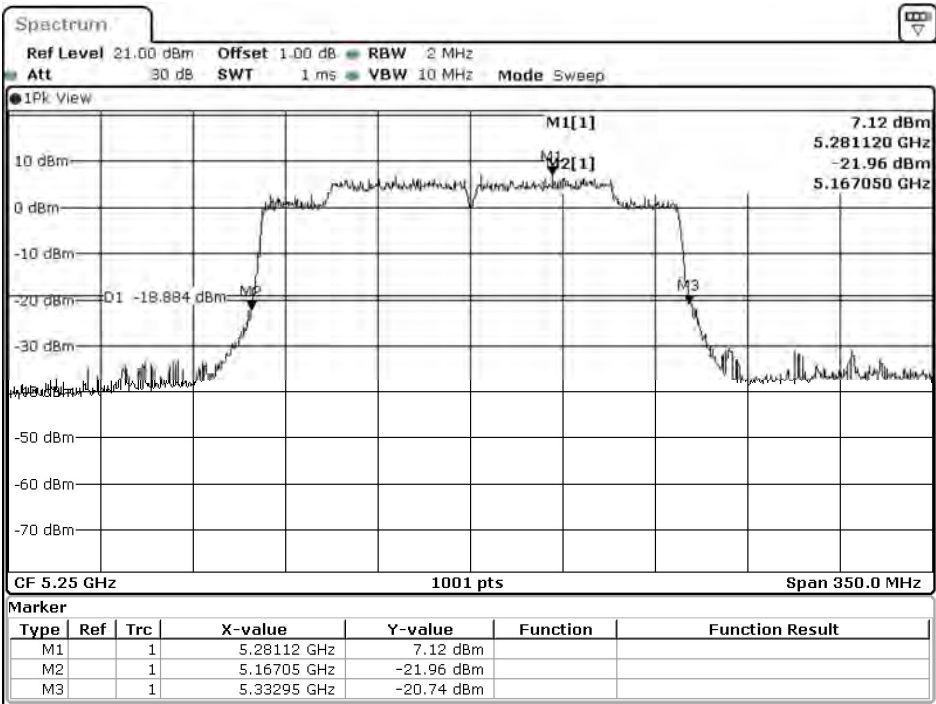
1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 26dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

RU config: Full
26dB Occupied Bandwidth:
Channel 50 (Chain A)



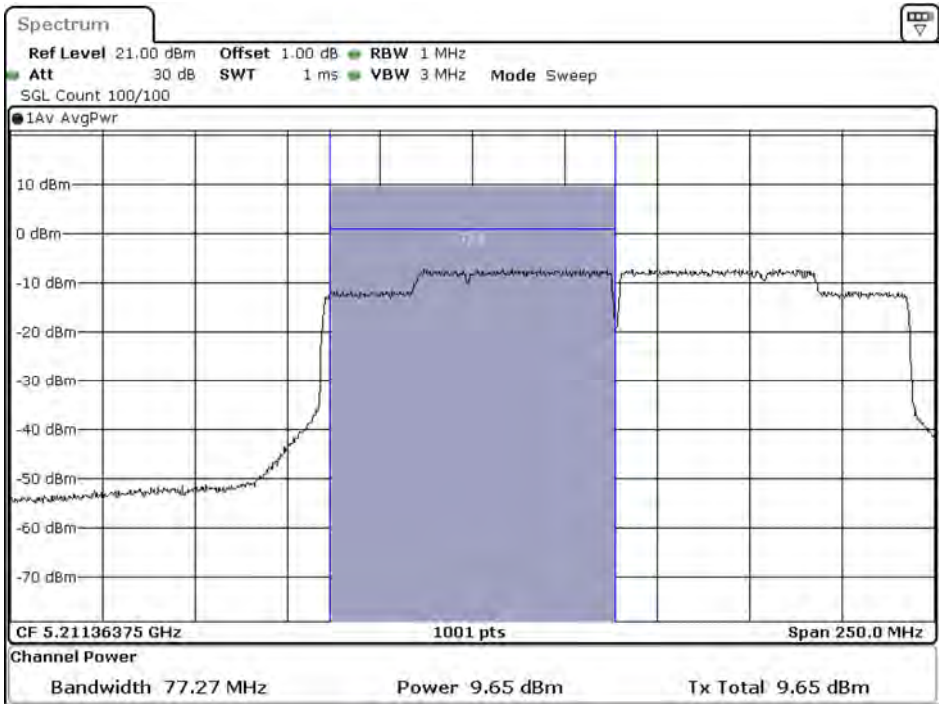
Date: 14.SEP.2021 19:36:51

Channel 50 (Chain B)



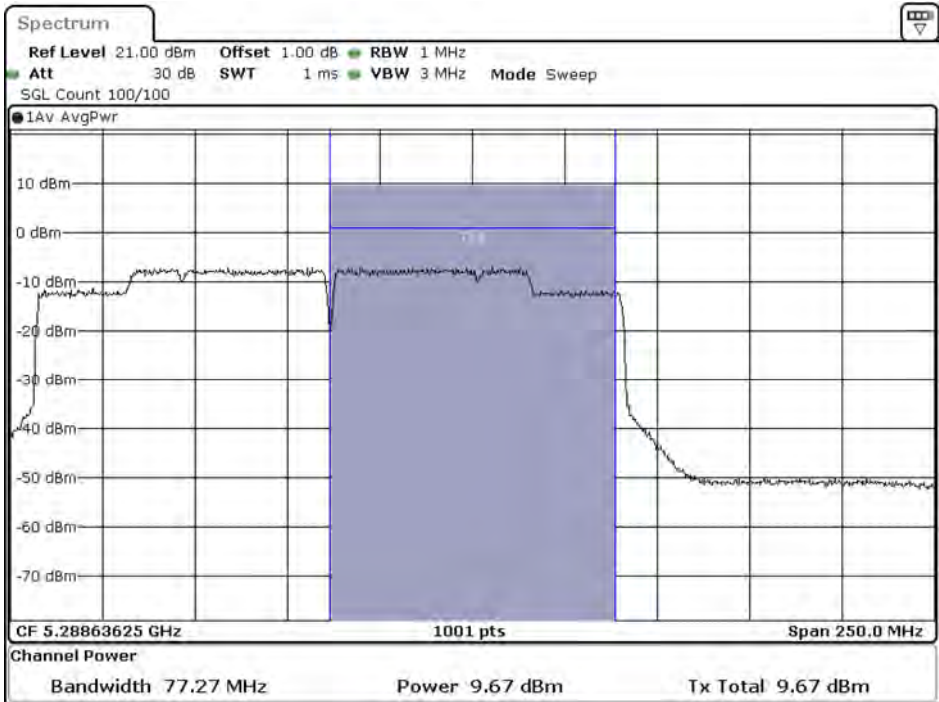
Date: 14.SEP.2021 12:38:18

RU config: Full
Maximum conducted output power:
Channel 50 ((Band1) (Chain A))



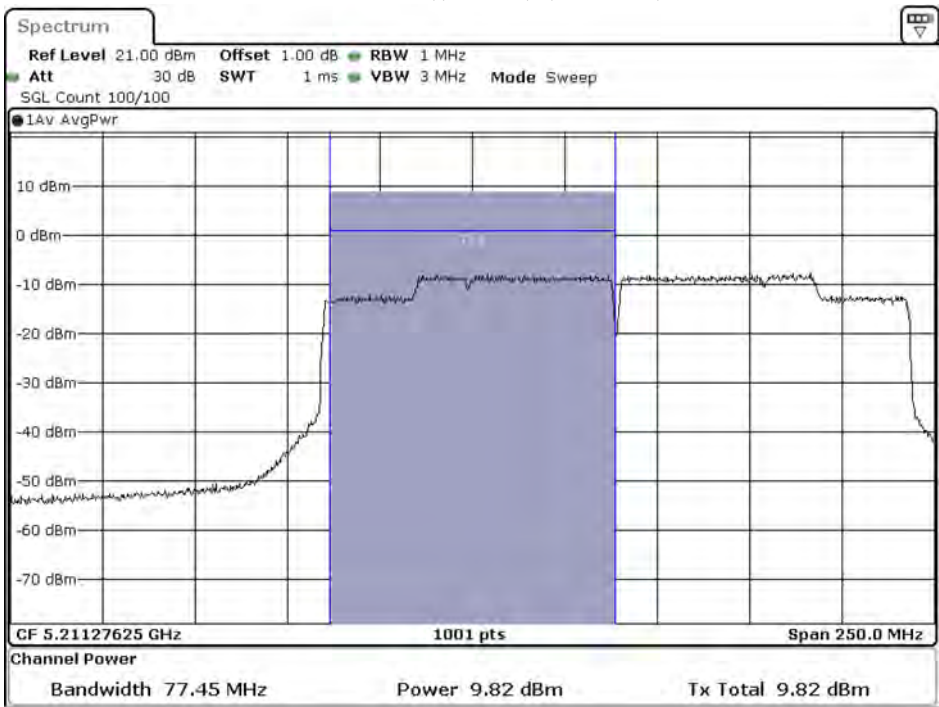
Date: 14.SEP.2021 19:37:14

Maximum conducted output power:
Channel 50 ((Band2) (Chain A))



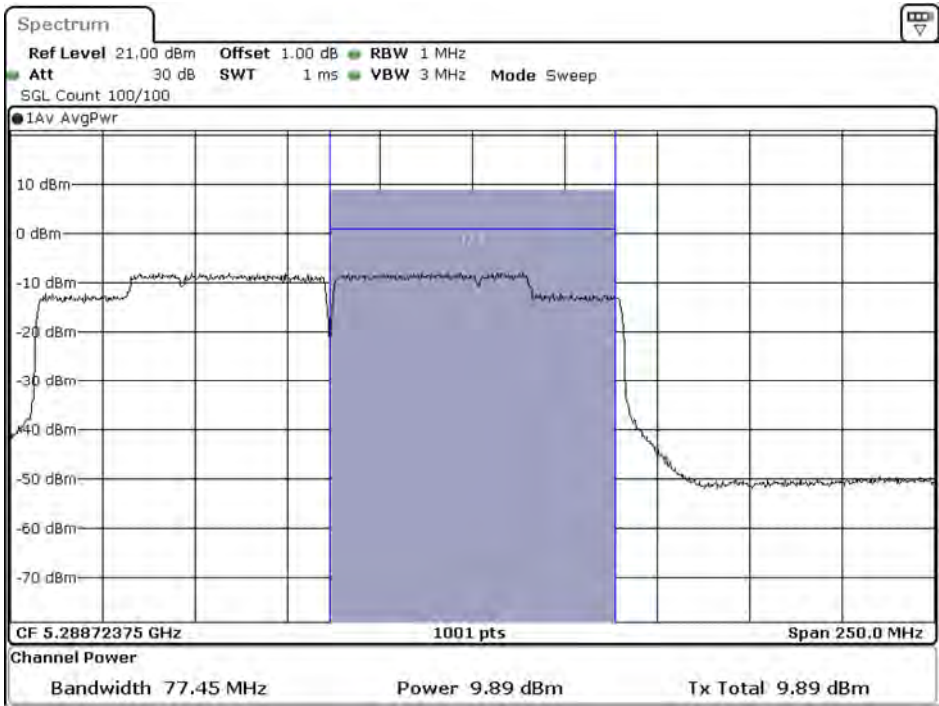
Date: 14.SEP.2021 19:37:36

Maximum conducted output power:
Channel 50 ((Band1) (Chain B)



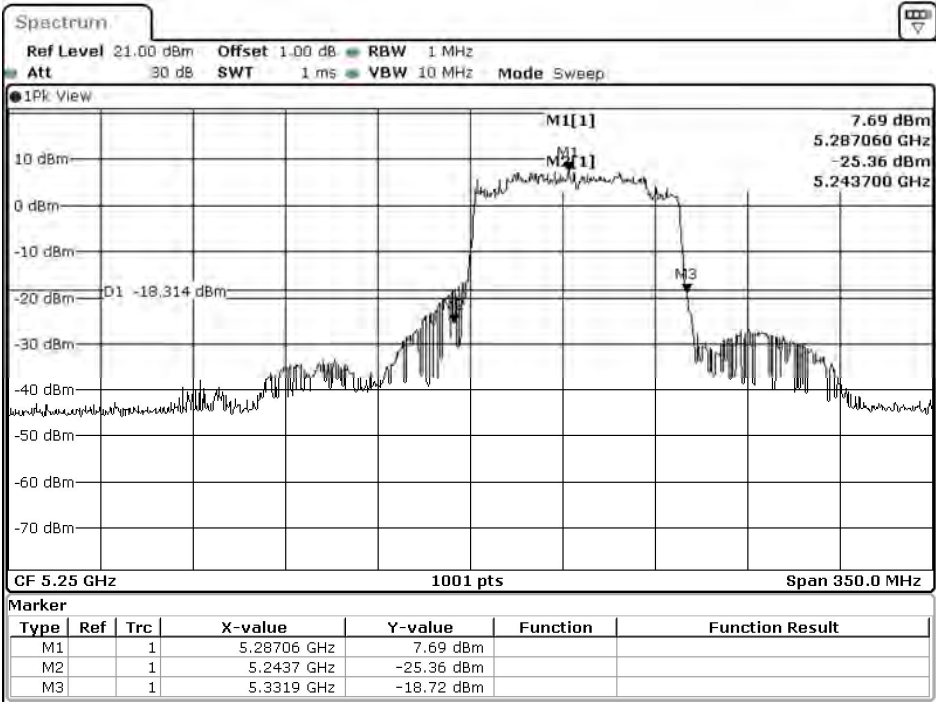
Date: 14.SEP.2021 12:39:16

Maximum conducted output power:
Channel 50 ((Band2) (Chain B)



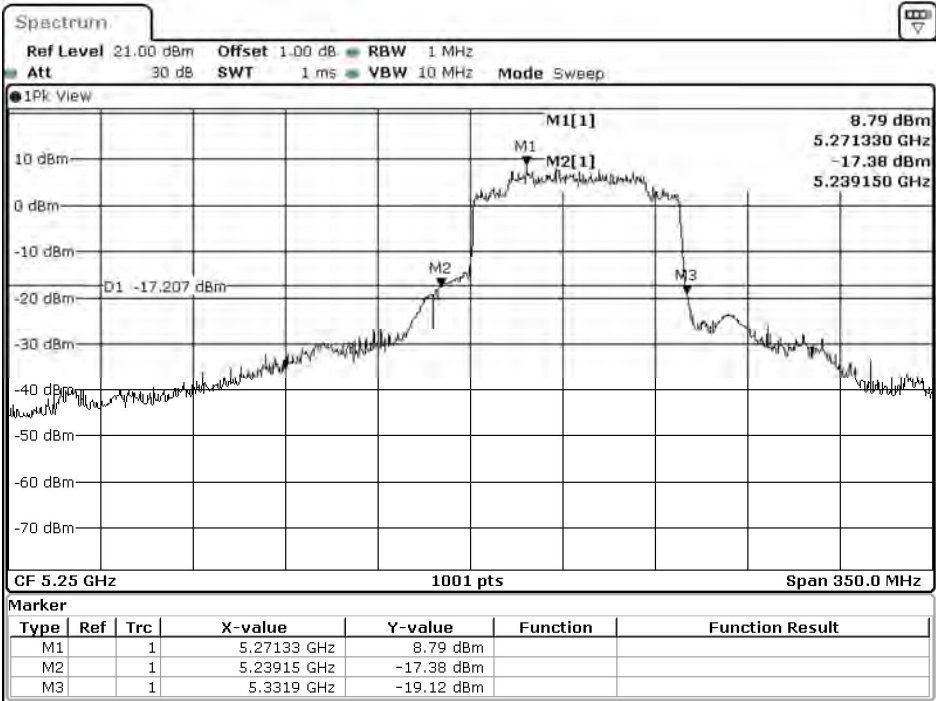
Date: 14.SEP.2021 12:39:39

RU config: Other
26dB Occupied Bandwidth:
Channel 50 - 996/S67 (Chain A)



Date: 14.SEP.2021 20:24:54

Channel 50 - 996/S67 (Chain B)

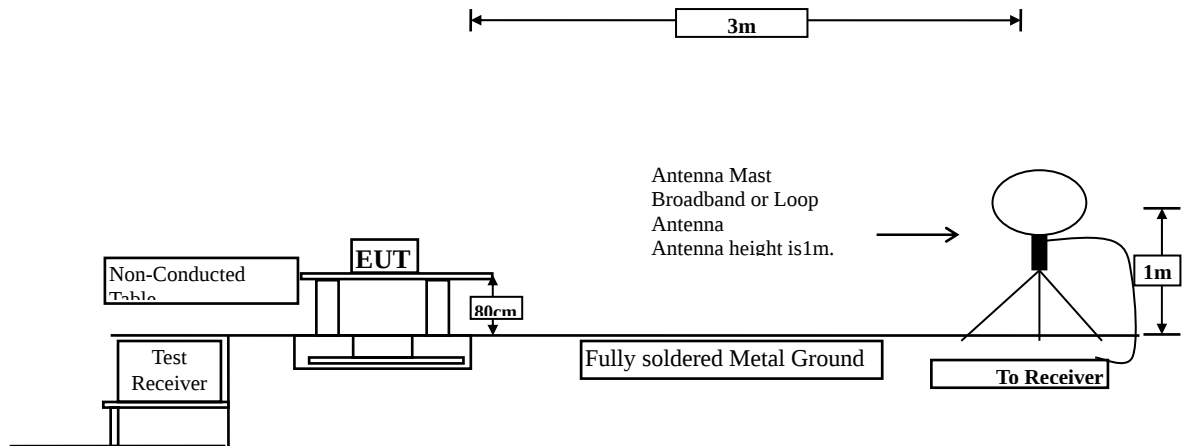


Date: 14.SEP.2021 13:26:21

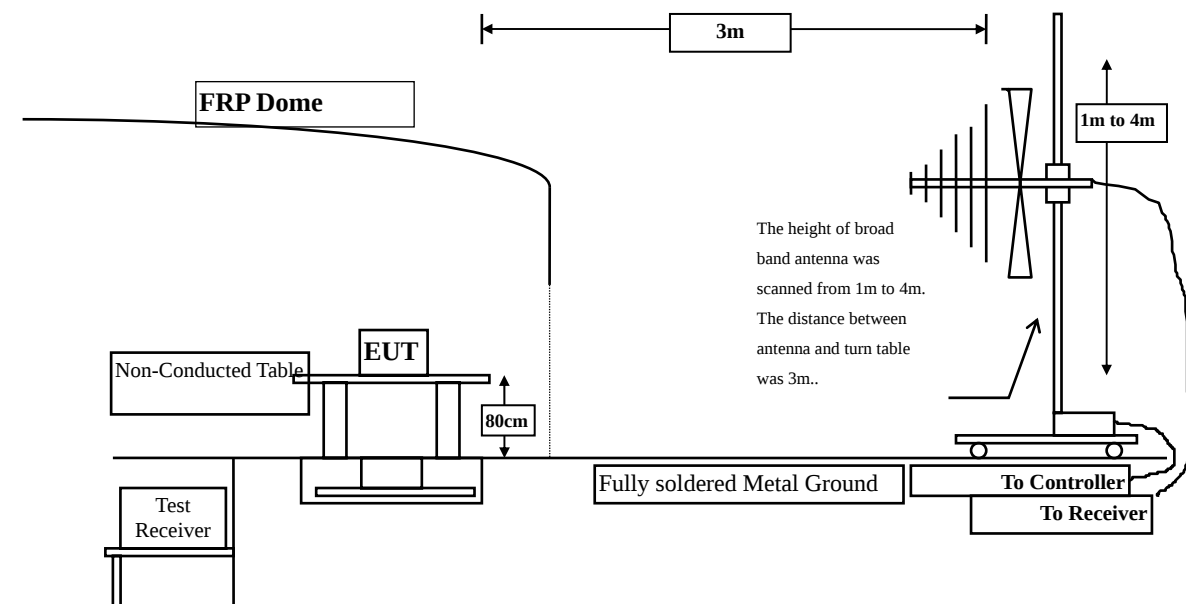
3. Radiated Emission

3.1. Test Setup

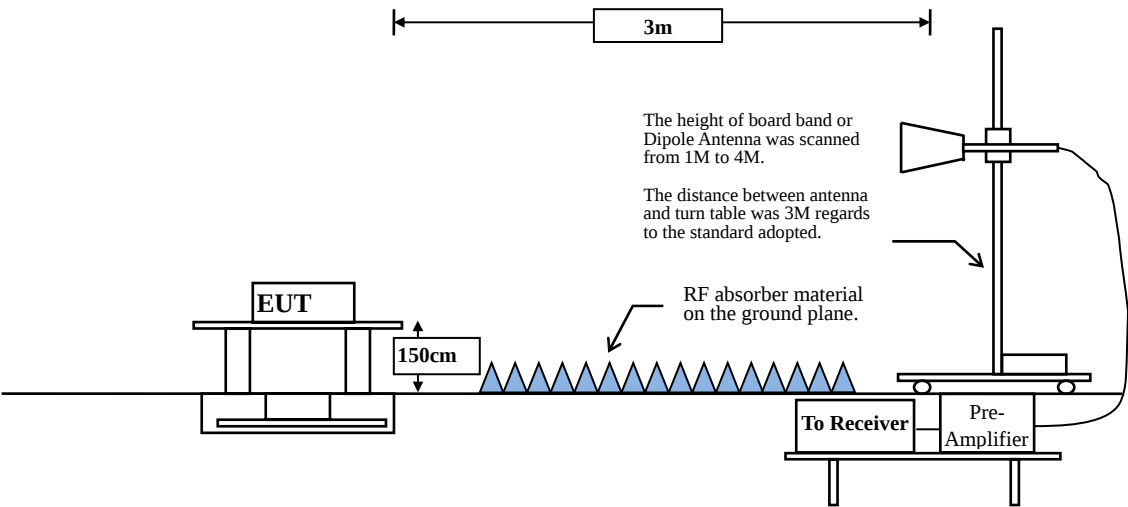
Radiated Emission Under 30MHz



Radiated Emission Below 1GHz



Radiated Emission Above 1GHz



3.2. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

FCC Part 15 Subpart C Paragraph 15.209(a) Limits		
Frequency MHz	Field strength (microvolts/meter)	Measurement distance (meter)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Remarks: E field strength (dBμV/m) = 20 log E field strength (uV/m)

3.3. Test Procedure

The EUT was setup according to ANSI C63.10, 2013 and tested according to FCC KDB-789033 test procedure for compliance to FCC 47CFR 15. 407 requirements.

Measuring the frequency range below 1GHz, the EUT is placed on a turn table which is 0.8 meter above ground, when measuring the frequency range above 1GHz, the EUT is placed on a turn table which is 1.5 meter above ground.

The turn table is rotated 360 degrees to determine the position of the maximum emission level.

The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna is scanned between 1 meter and 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10: 2013 on radiated measurement.

The resolution bandwidth below 30MHz setting on the field strength meter is 9kHz and 30MHz~1GHz is 120kHz and above 1GHz is 1MHz.

Radiated emission measurements below 30MHz are made using Loop Antenna and 30MHz~1GHz are made using broadband Bilog antenna and above 1GHz are made using Horn Antennas.

The measurement is divided into the Preliminary Measurement and the Final Measurement.

The suspected frequencies are searched for in Preliminary Measurement with the measurement antenna kept pointed at the source of the emission both in azimuth and elevation, with the polarization of the antenna oriented for maximum response. The antenna is pointed at an angle towards the source of the emission, and the EUT is rotated in both height and polarization to maximize the measured emission. The emission is kept within the illumination area of the 3 dB bandwidth of the antenna.

The worst radiated emission is measured in the Open Area Test Site on the Final Measurement.

The measurement frequency range from 9kHz - 10th Harmonic of fundamental was investigated.

RBW and VBW Parameter setting:

According to KDB 789033 section II.G.5 Procedure for Unwanted Maximum Emissions
Measurements above 1000 MHz.

RBW = 1MHz.

VBW $\geq$ 3MHz.

According to KDB 789033 section II.G.6 Procedures for Average Unwanted Emissions
Measurements above 1000 MHz.

RBW = 1MHz.

VBW = 10Hz, when duty cycle $\geq$ 98 %

VBW $\geq$ 1/T, when duty cycle < 98 %

(T refers to the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.)

SISO A

5GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11 a	97.66	2.0850	480	500
802.11 n20	98.76	--	--	10
802.11 n40	98.76	--	--	10
802.11 ac80	98.75	--	--	10
802.11 ac160	98.75	--	--	10
802.11 ax20	98.47	--	--	10
802.11 ax40	98.10	--	--	10
802.11 ax80	98.10	--	--	10
802.11 ax160	98.48	--	--	10
802.11 ax20-26/0-RU	98.48	--	--	10
802.11 ax20-52/37-RU	98.48	--	--	10
802.11 ax20-106/53-RU	98.48	--	--	10
802.11 ax40-242/61-RU	98.11	--	--	10
802.11 ax80-484/65-RU	98.10	--	--	10
802.11 ax160-996/67-RU	98.10	--	--	10

Note: Duty Cycle Refer to Section 5.

SISO B

5GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11 a	97.66	2.0850	480	500
802.11 n20	98.76	--	--	10
802.11 n40	99.00	--	--	10
802.11 ac80	98.75	--	--	10
802.11 ac160	98.75	--	--	10
802.11 ax20	98.47	--	--	10
802.11 ax40	98.48	--	--	10
802.11 ax80	98.48	--	--	10
802.11 ax160	98.48	--	--	10
802.11 ax20-26/0-RU	98.48	--	--	10
802.11 ax20-52/37-RU	98.48	--	--	10
802.11 ax20-106/53-RU	98.48	--	--	10
802.11 ax40-242/61-RU	98.10	--	--	10
802.11 ax80-484/65-RU	98.10	--	--	10
802.11 ax160-996/67-RU	98.10	--	--	10

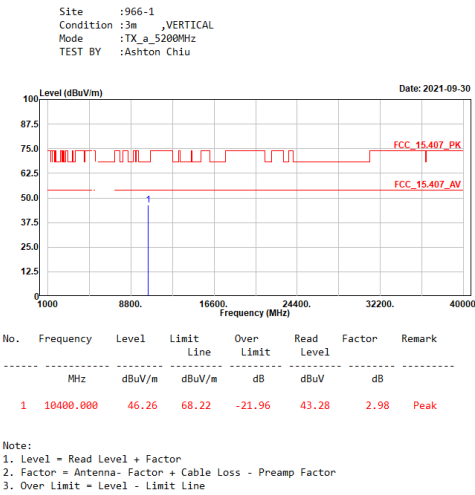
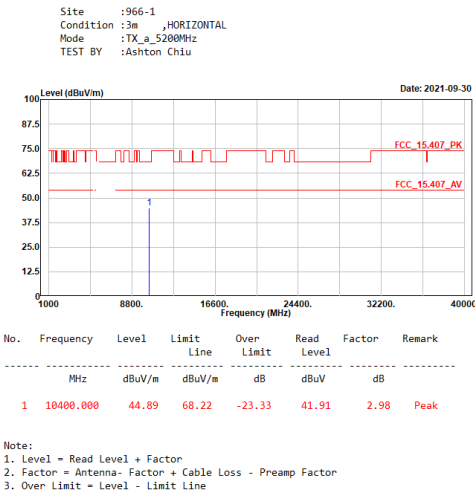
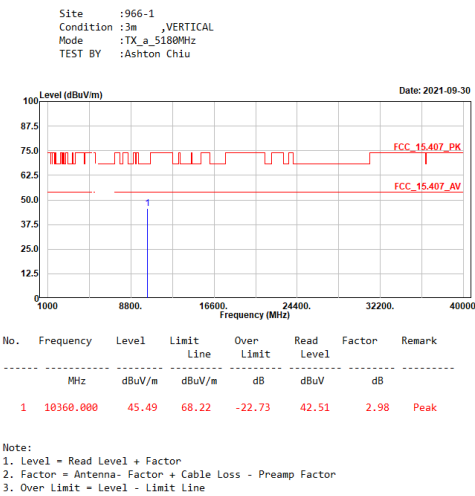
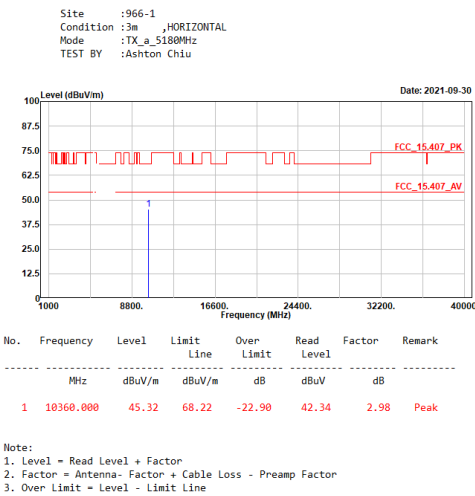
Note: Duty Cycle Refer to Section 5.

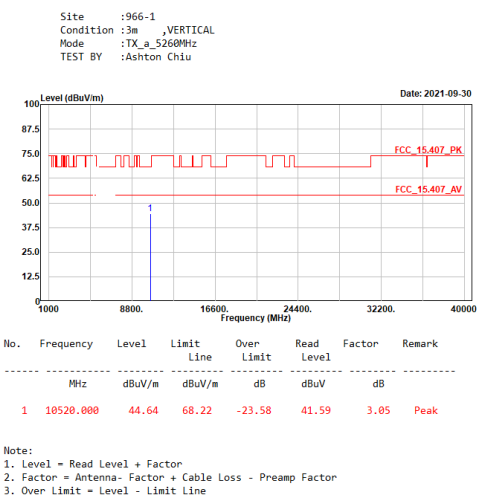
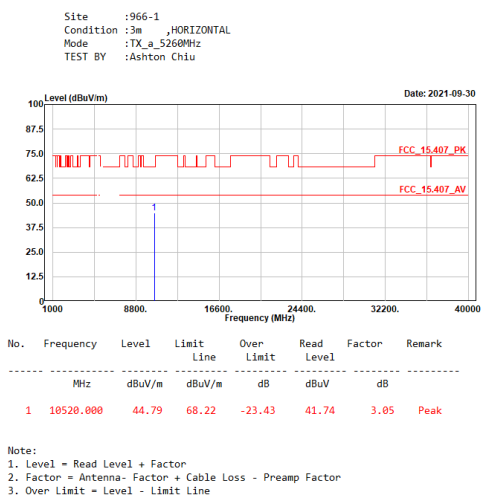
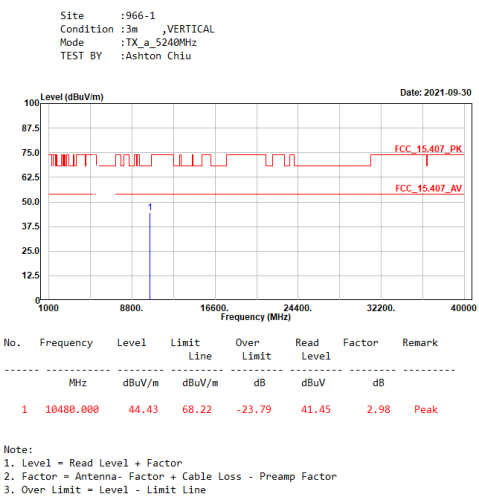
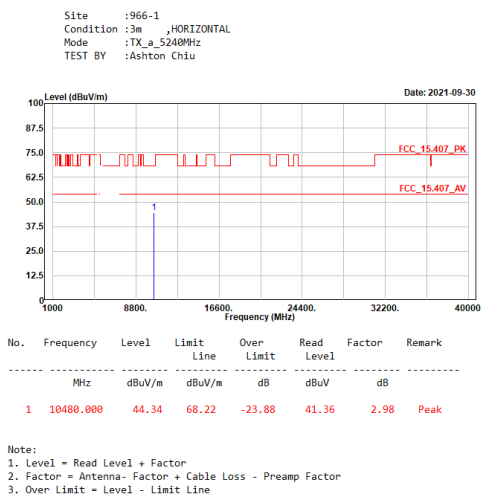
MIMO

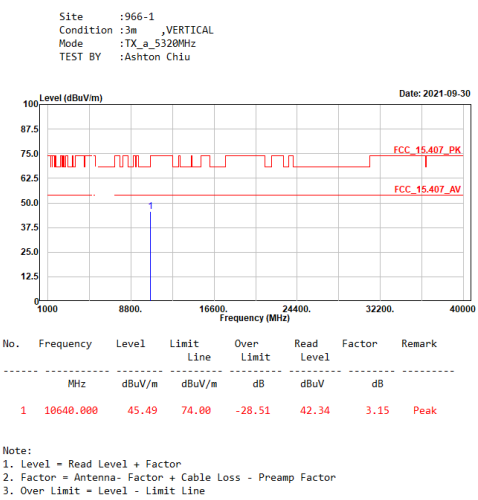
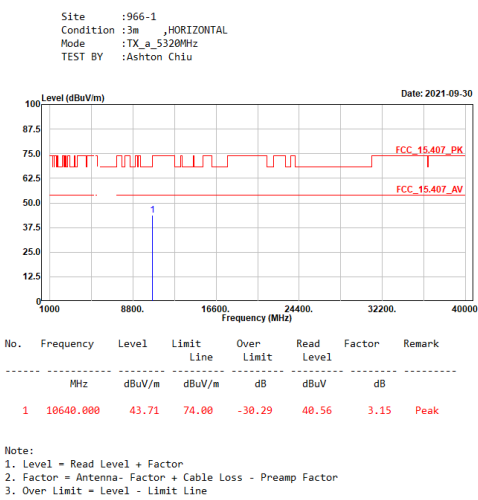
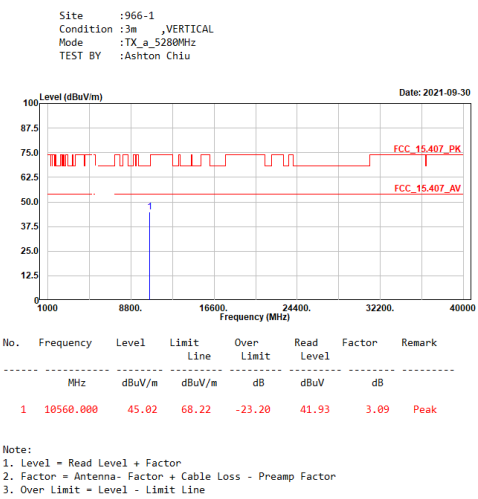
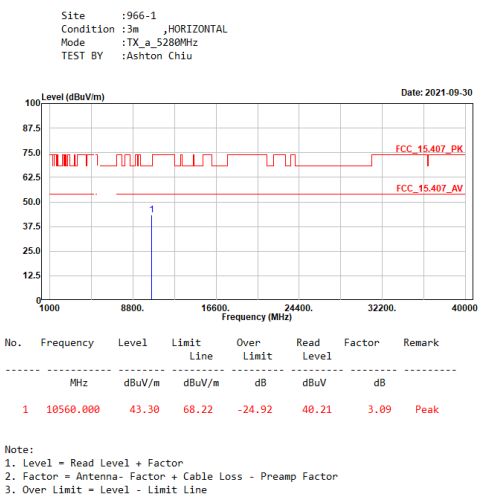
5GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11 n20	98.76	--	--	10
802.11 n40	98.76	--	--	10
802.11 ac80	98.75	--	--	10
802.11 ac160	98.23	--	--	10
802.11 ax20	98.48	--	--	10
802.11 ax40	98.09	--	--	10
802.11 ax80	98.10	--	--	10
802.11 ax160	97.96	2.4050	416	500
802.11 ax20-26/0-RU	98.48	--	--	10
802.11 ax20-52/37-RU	98.10	--	--	10
802.11 ax20-106/53-RU	98.10	--	--	10
802.11 ax40-242/61-RU	98.11	--	--	10
802.11 ax80-484/65-RU	98.10	--	--	10
802.11 ax160-996/67-RU	98.10	--	--	10

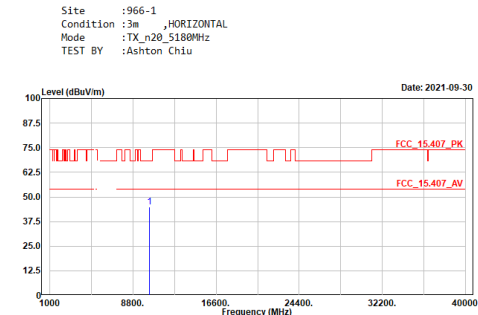
Note: Duty Cycle Refer to Section 5.

3.4. Test Result of Radiated Emission



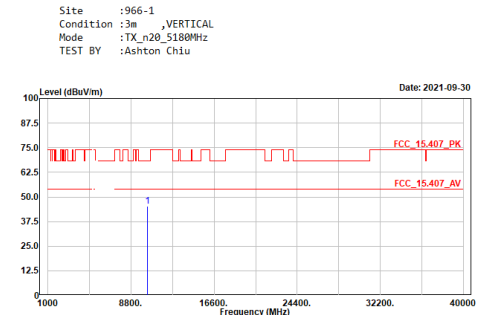






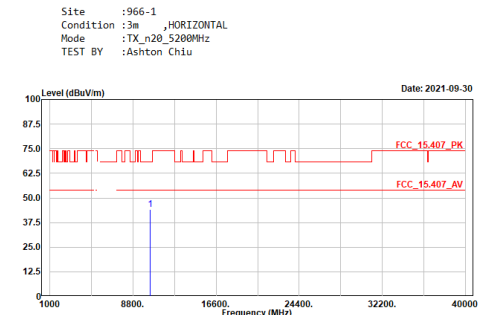
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	10360.000	44.91	68.22	-23.31	41.93	2.98	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line



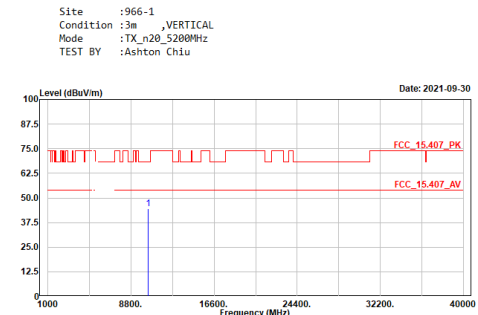
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	10360.000	45.28	68.22	-22.94	42.30	2.98	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line



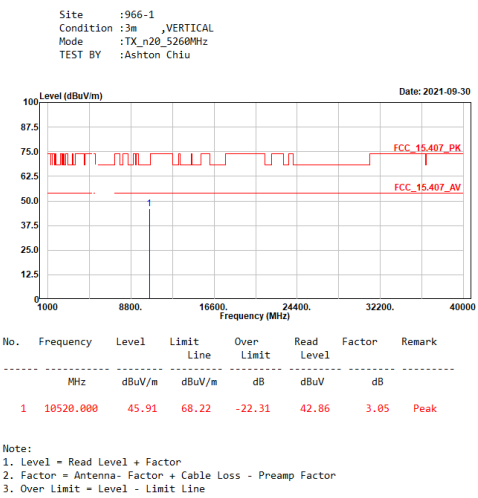
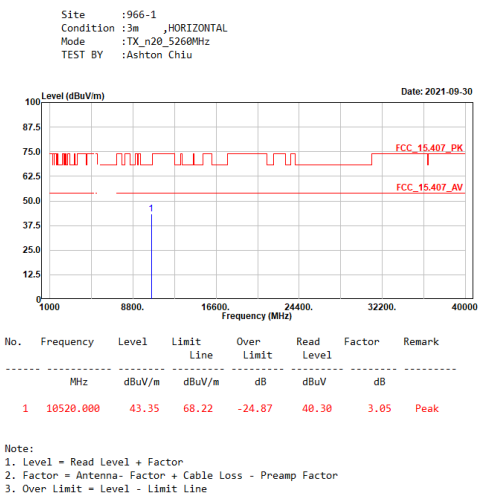
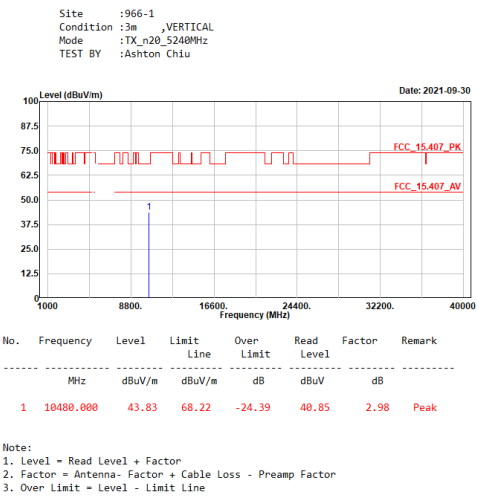
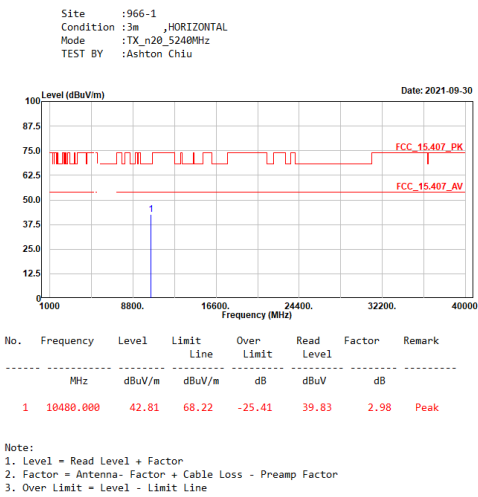
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	10400.000	44.30	68.22	-23.92	41.32	2.98	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

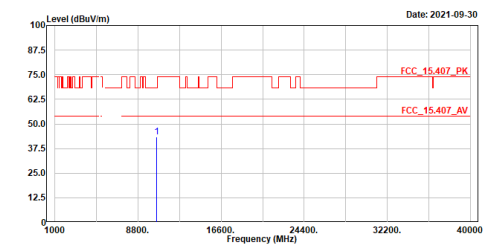


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	10400.000	44.38	68.22	-23.84	41.40	2.98	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line



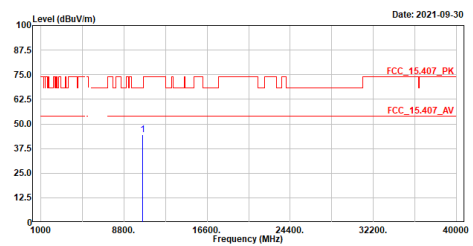
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Condition :3m ,HORIZONTAL
Mode :TX_n20_5320MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10560.000	43.52	68.22	-24.70	48.43	3.09	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

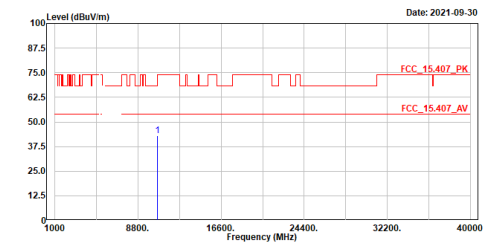
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_n20_5320MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10560.000	44.47	68.22	-23.75	41.38	3.09	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

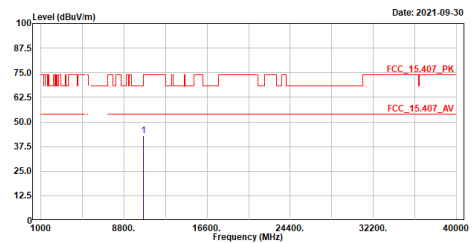
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Condition :3m ,HORIZONTAL
Mode :TX_n20_5320MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10640.000	42.95	74.00	-31.05	39.80	3.15	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

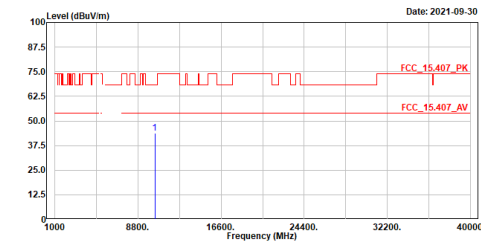
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_n20_5320MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10640.000	43.17	74.00	-30.83	40.02	3.15	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

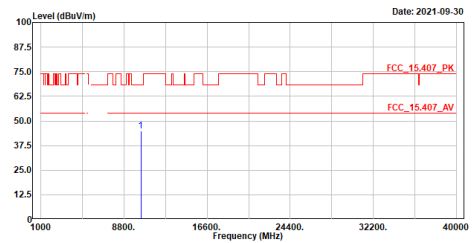
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_n40_5190MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10380.000	43.90	68.22	-24.32	48.92	2.98	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

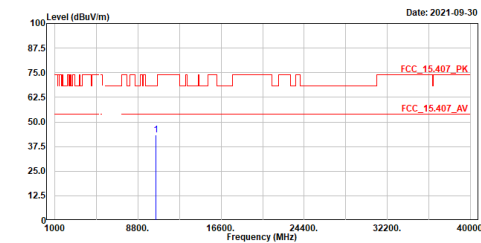
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_n40_5190MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10380.000	44.85	68.22	-23.37	41.87	2.98	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

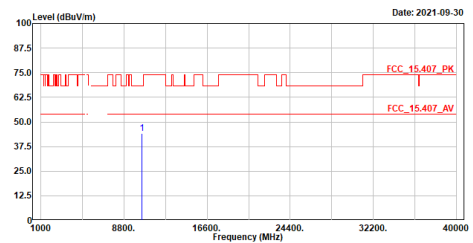
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_n40_5230MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10460.000	43.32	68.22	-24.90	48.35	2.97	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

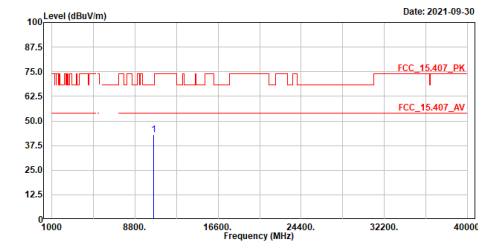
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_n40_5230MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10460.000	44.23	68.22	-23.99	41.26	2.97	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

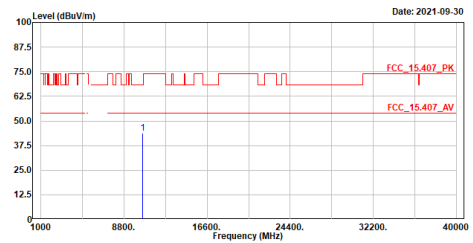
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Condition :3m ,HORIZONTAL
Mode :TX_n40_5270MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10540.000	42.95	68.22	-25.27	39.88	3.07	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

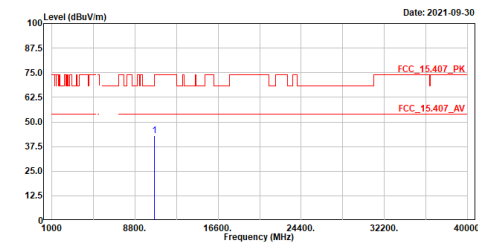
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Condition :3m ,VERTICAL
Mode :TX_n40_5270MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10540.000	43.60	68.22	-24.62	40.53	3.07	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

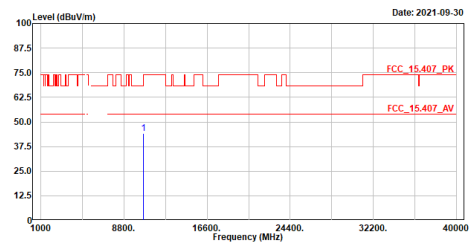
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Condition :3m ,HORIZONTAL
Mode :TX_n40_5310MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10620.000	43.13	74.00	-30.87	40.00	3.13	Peak

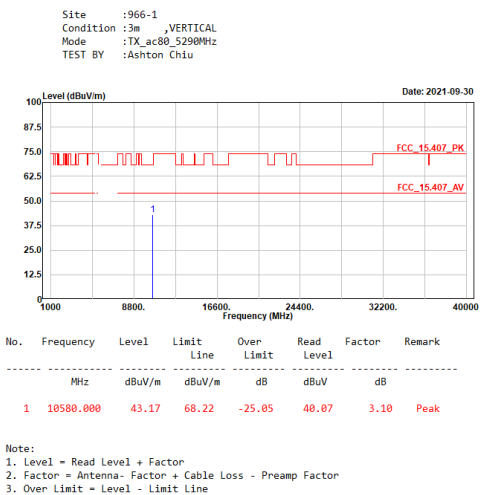
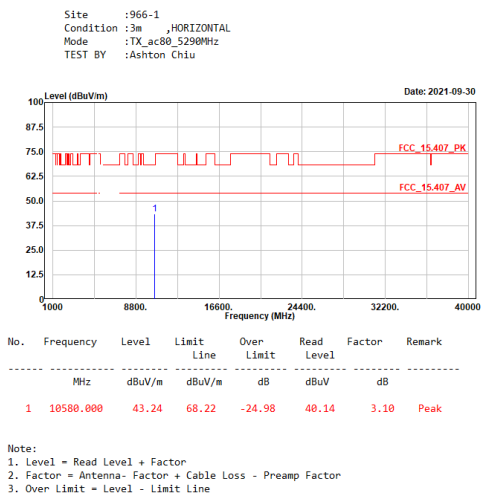
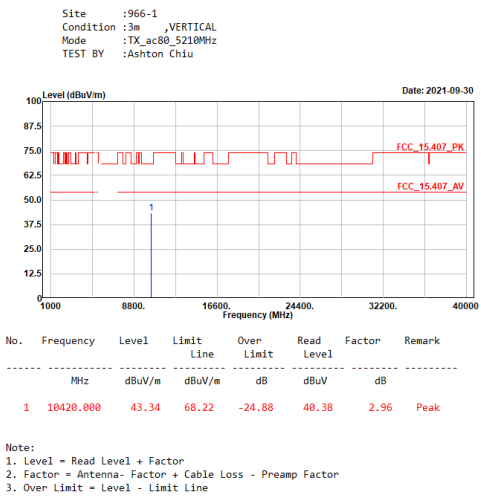
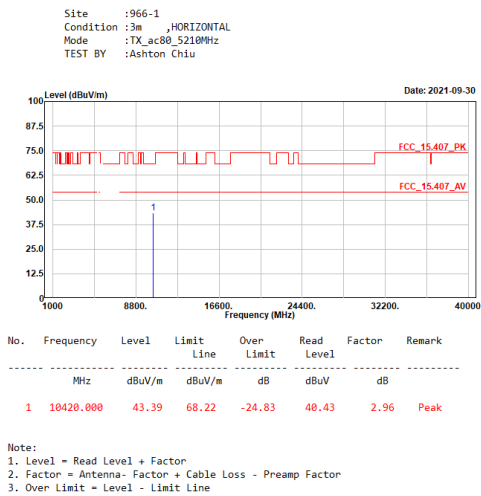
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

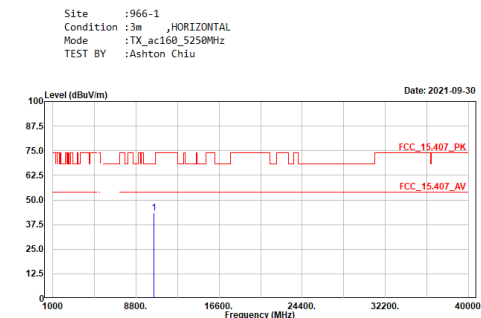
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_n40_5310MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10620.000	44.07	74.00	-29.93	40.94	3.13	Peak

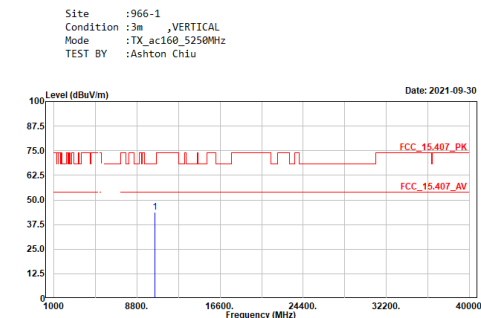
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line





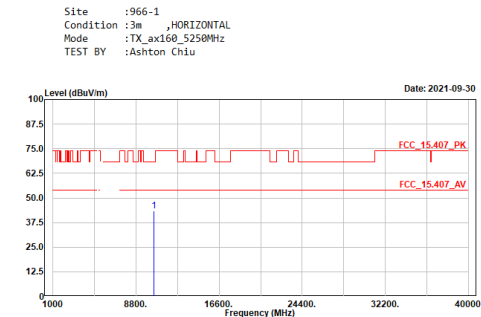
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	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	10500.000	43.38	68.22	-24.84	48.38	3.00	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line



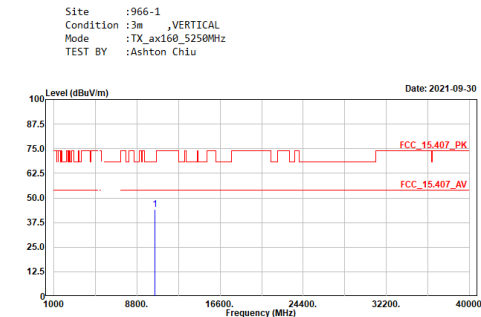
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	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	10500.000	43.77	68.22	-24.45	48.77	3.00	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line



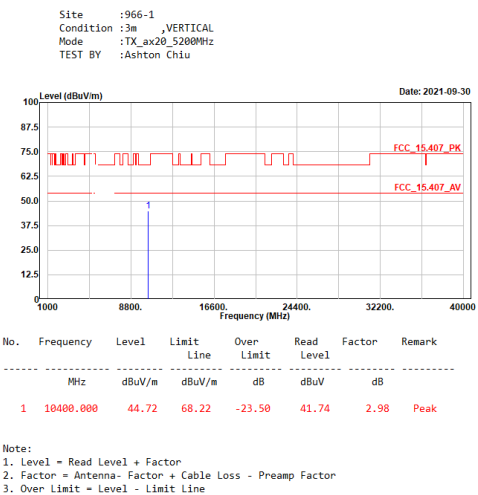
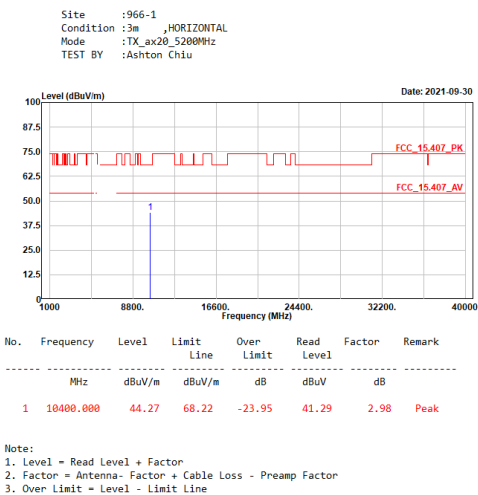
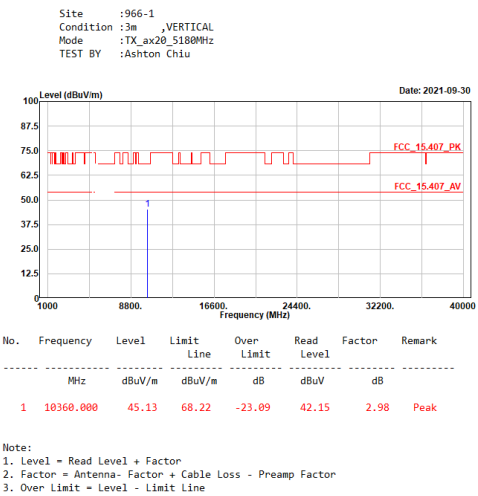
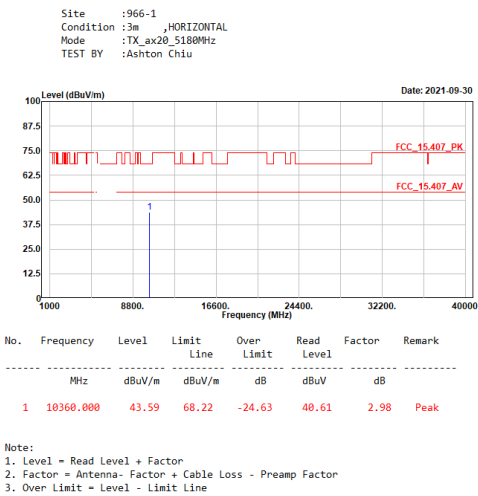
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	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	10500.000	43.23	68.22	-24.99	48.23	3.00	Peak

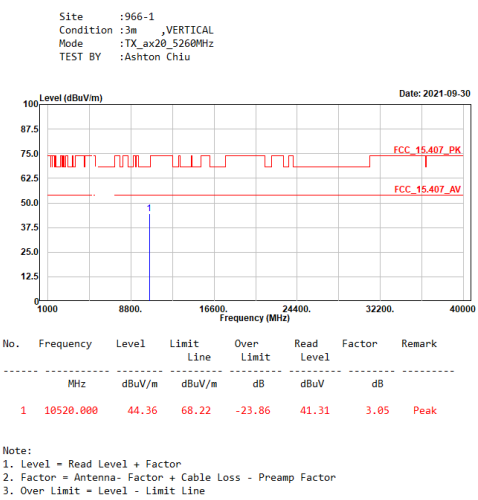
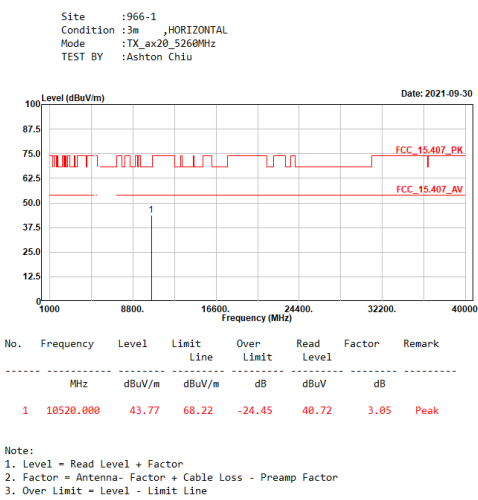
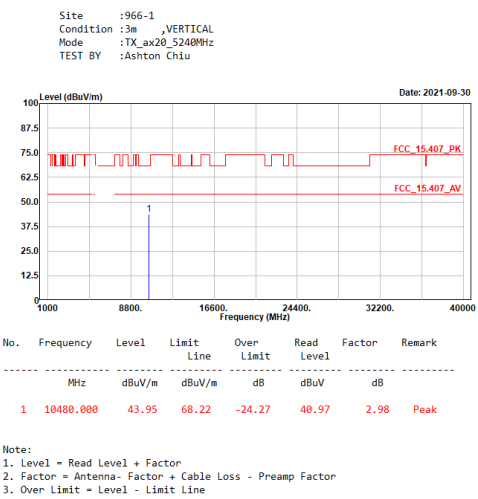
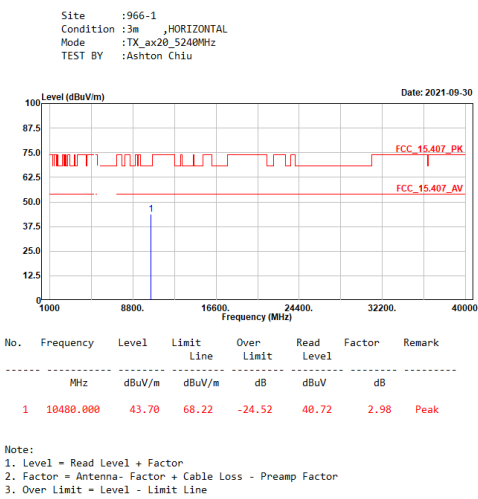
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

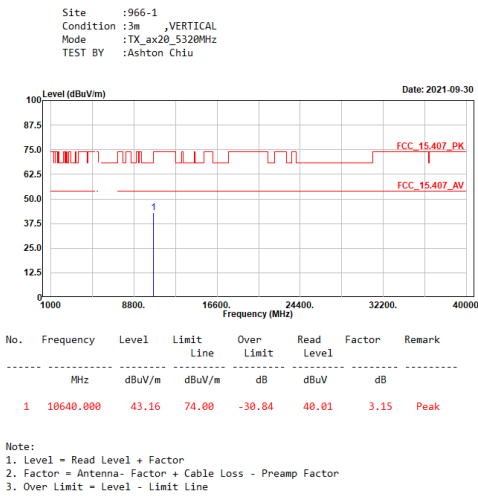
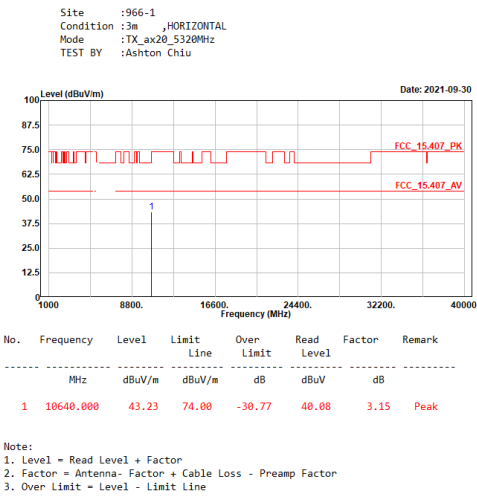
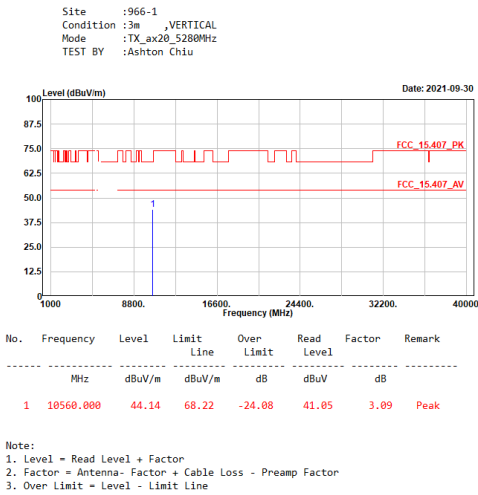
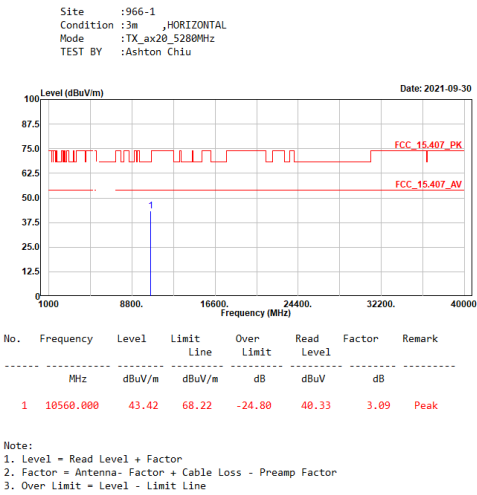


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	10500.000	44.06	68.22	-24.16	41.06	3.00	Peak

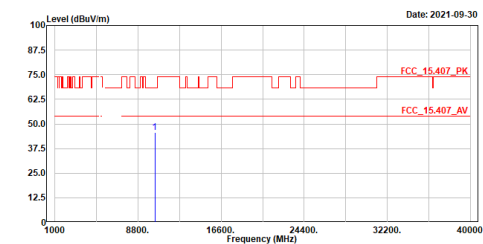
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line







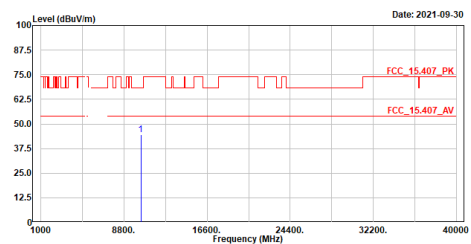
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax40_5190MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10380.000	45.57	68.22	-22.65	42.59	2.98	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

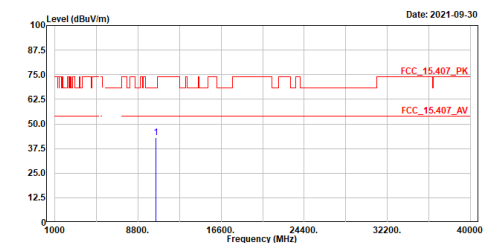
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax40_5190MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10380.000	44.52	68.22	-23.70	41.54	2.98	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

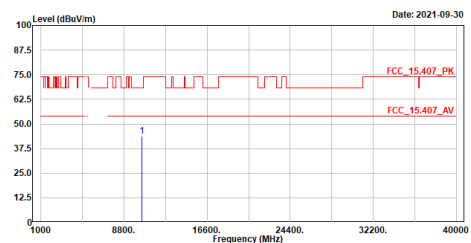
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax40_5230MHz
TEST BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10460.000	43.05	68.22	-25.17	40.08	2.97	Peak

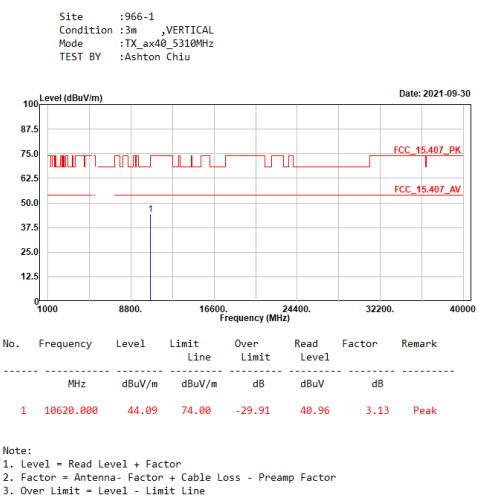
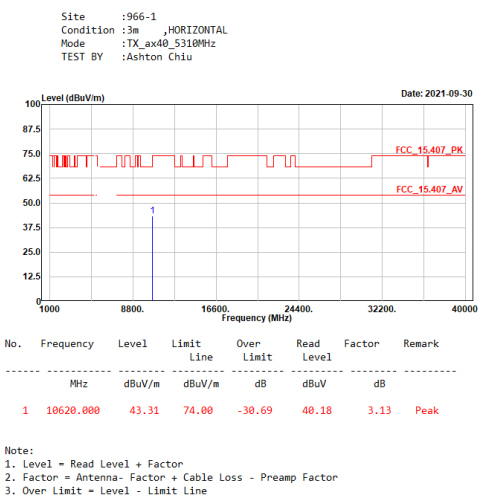
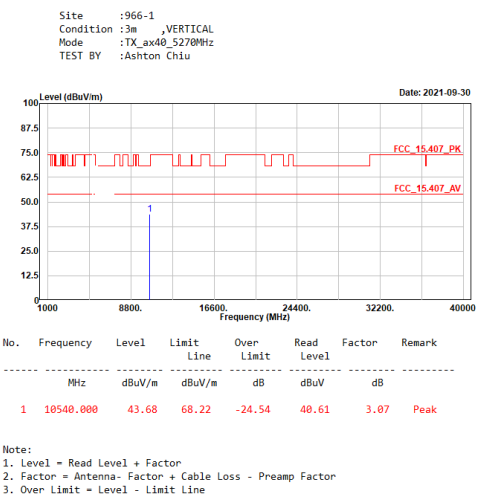
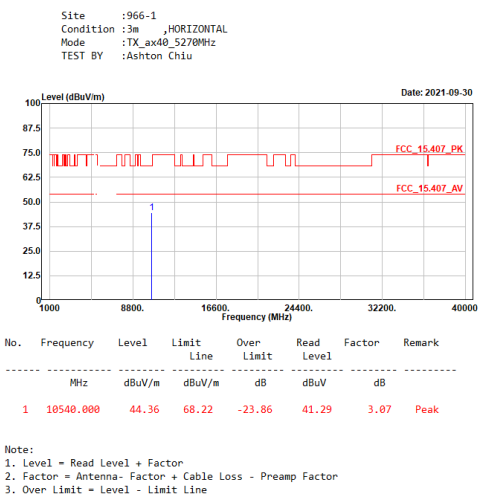
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

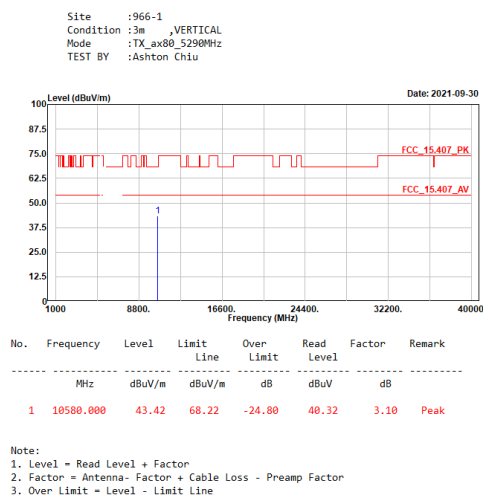
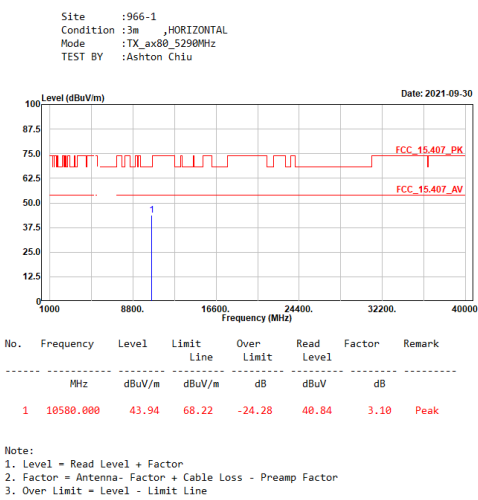
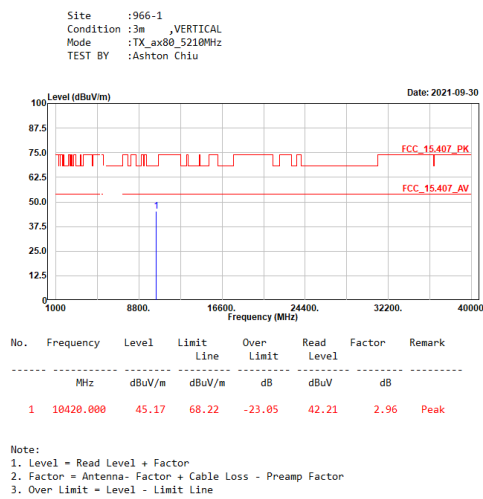
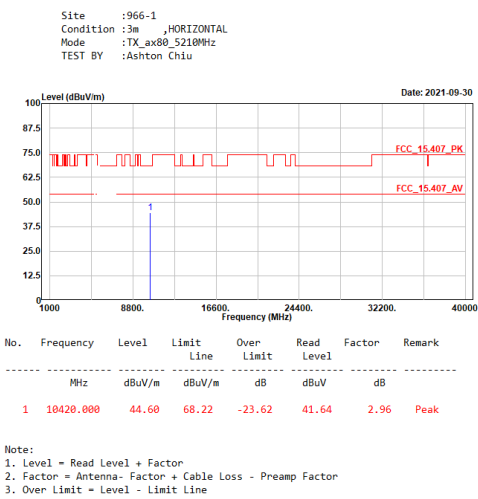
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax40_5230MHz
TEST BY :Ashton Chiu

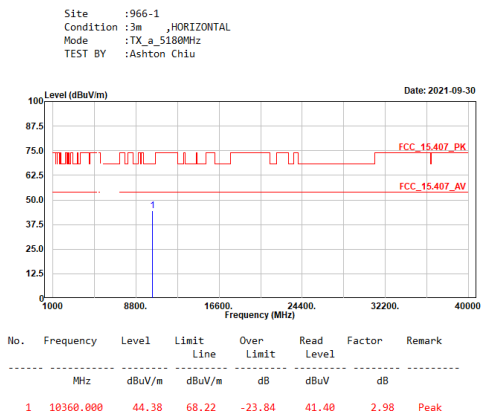


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10460.000	43.64	68.22	-24.58	40.67	2.97	Peak

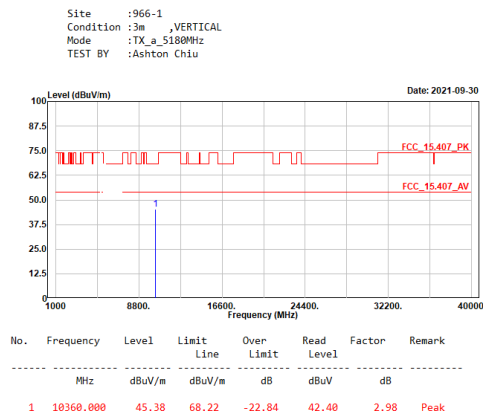
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line



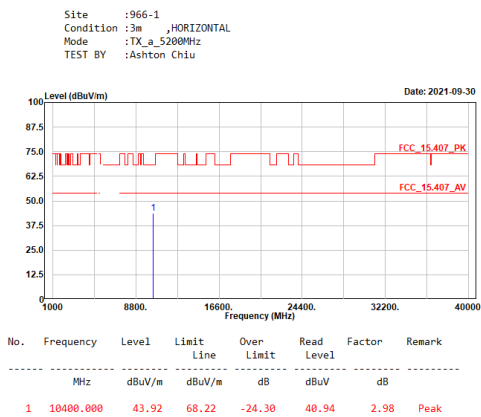




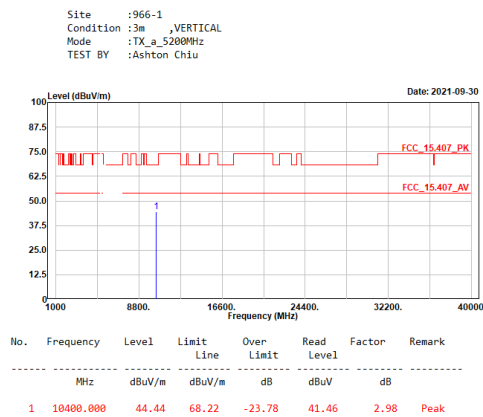
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line



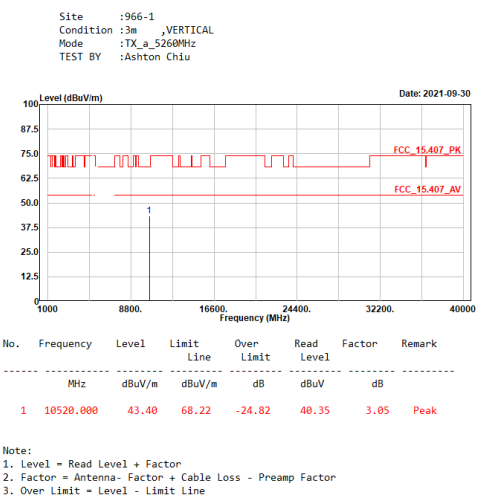
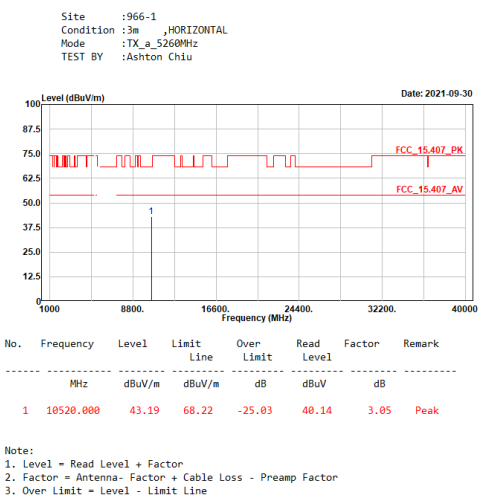
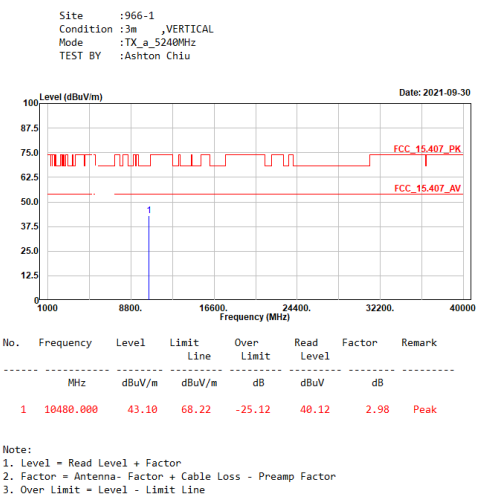
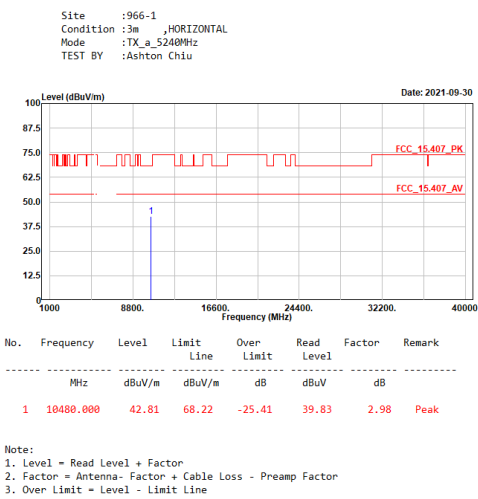
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

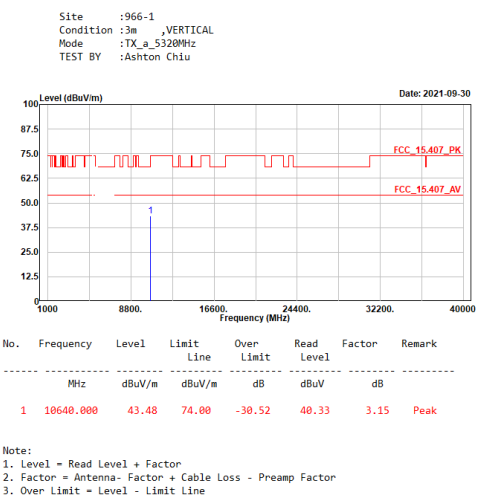
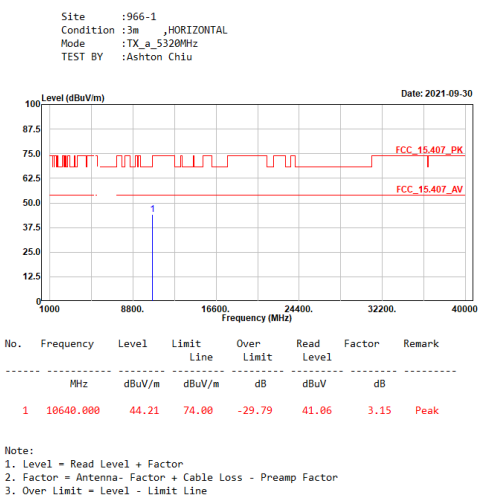
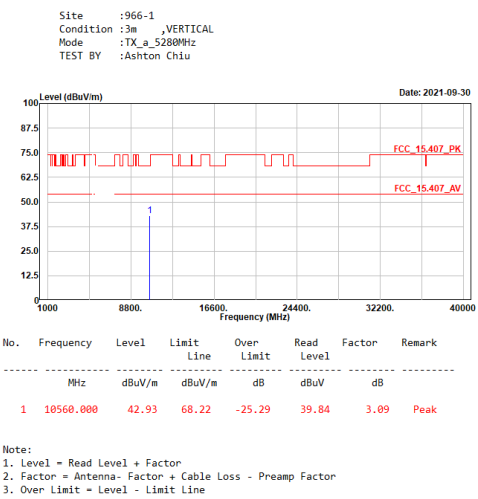
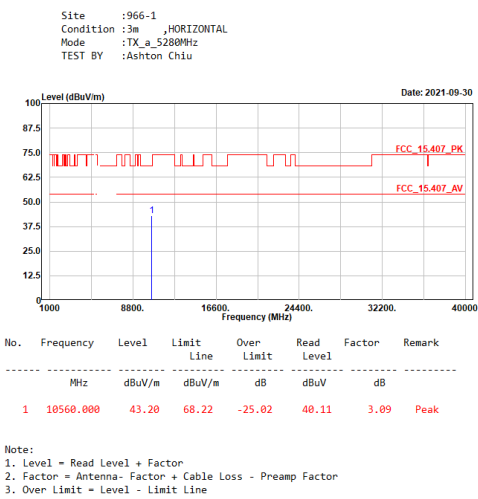


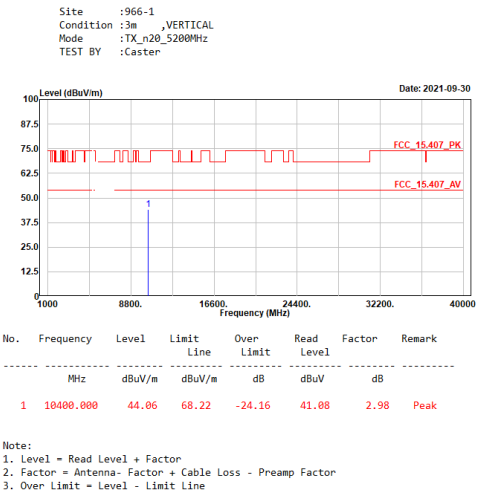
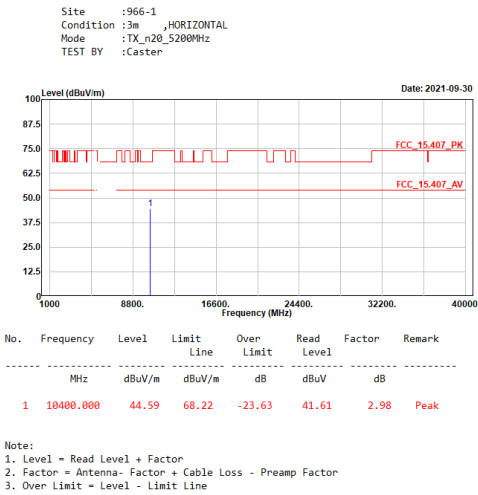
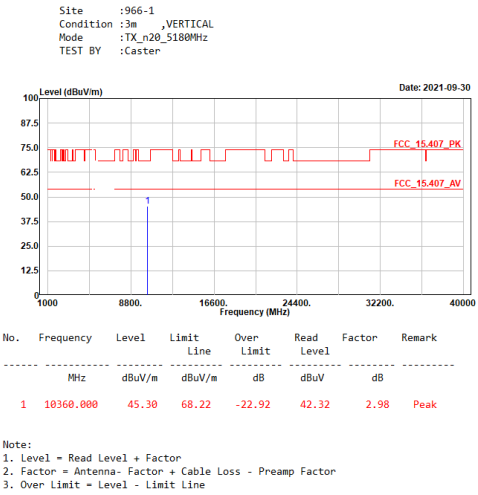
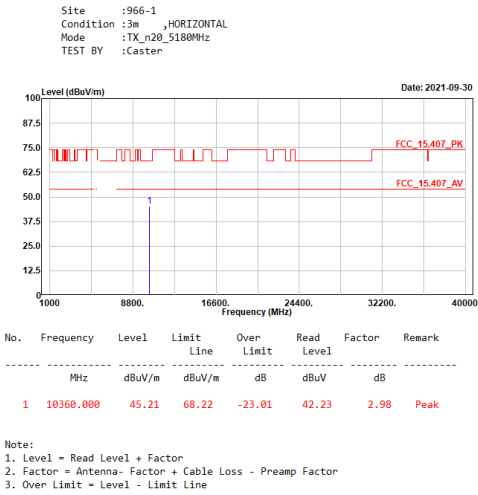
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

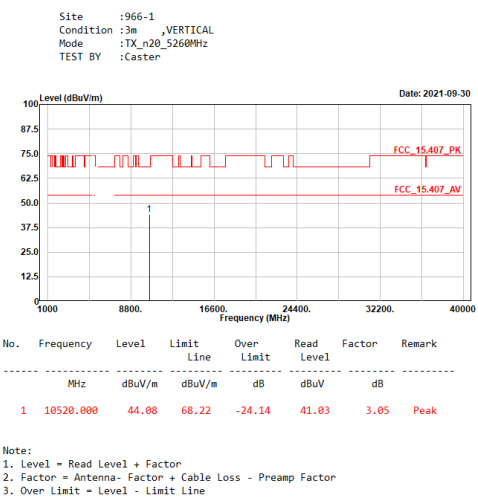
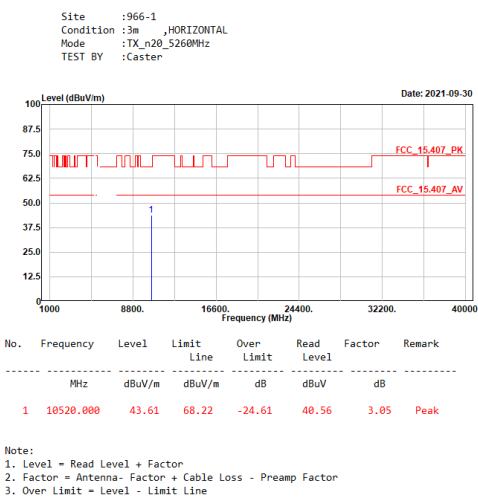
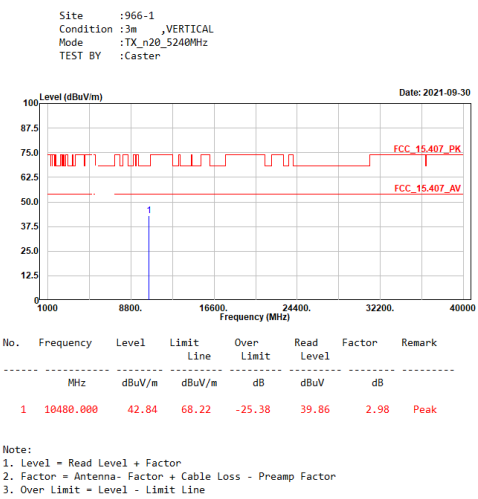
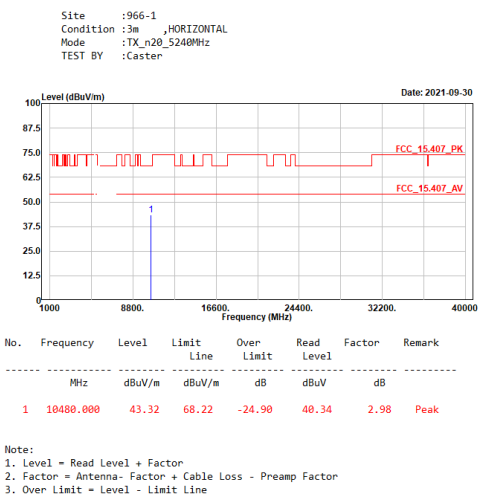


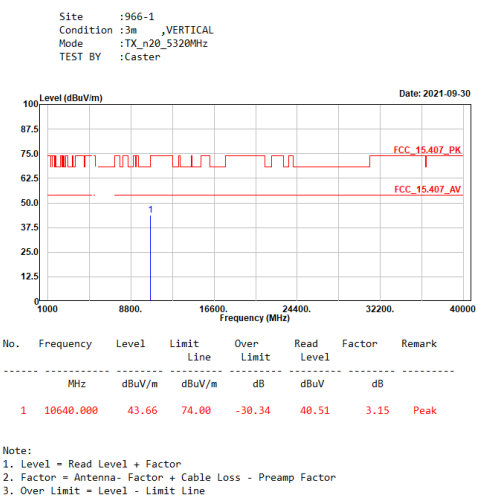
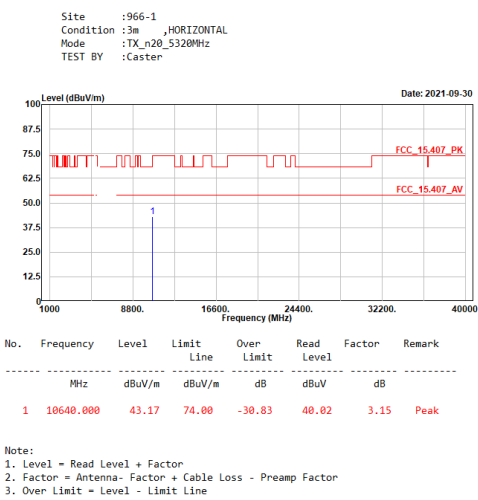
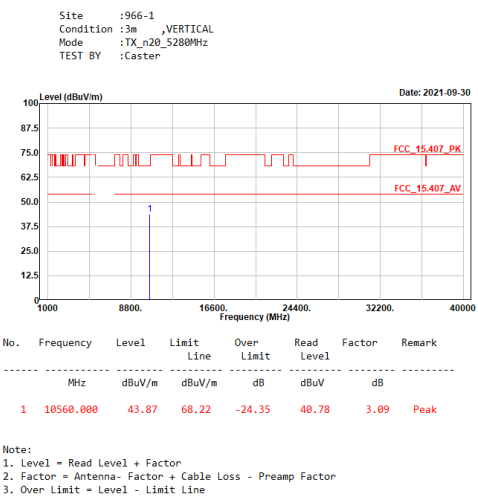
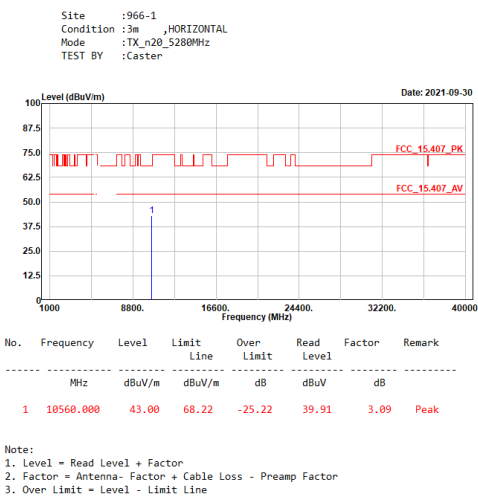
Note:
1. Level = Read Level + Factor
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3. Over Limit = Level - Limit Line

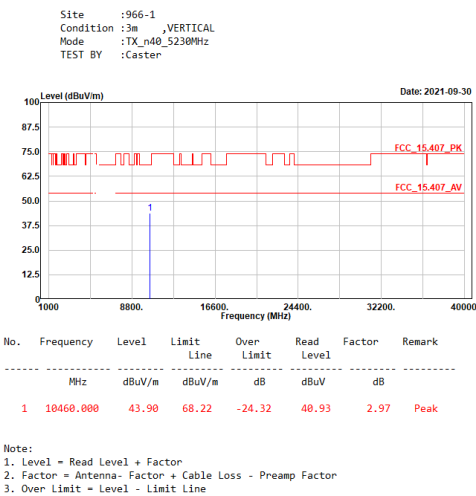
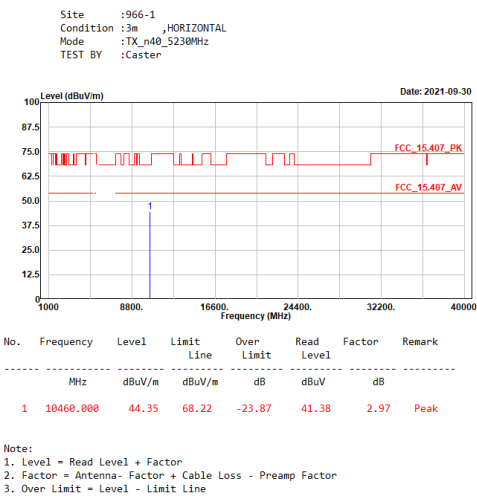
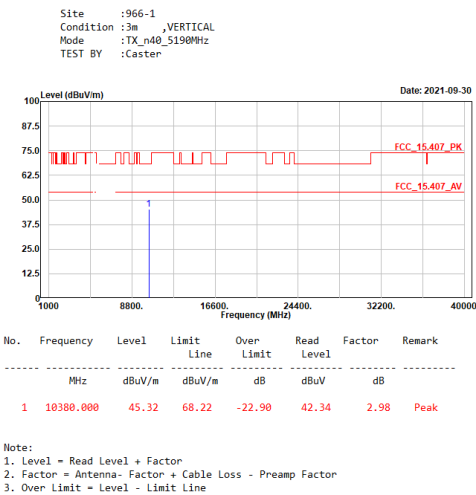
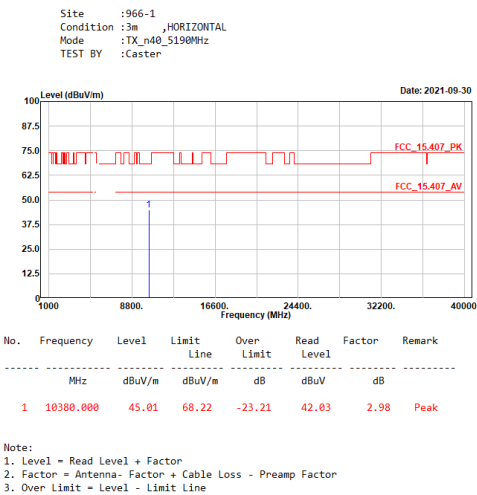


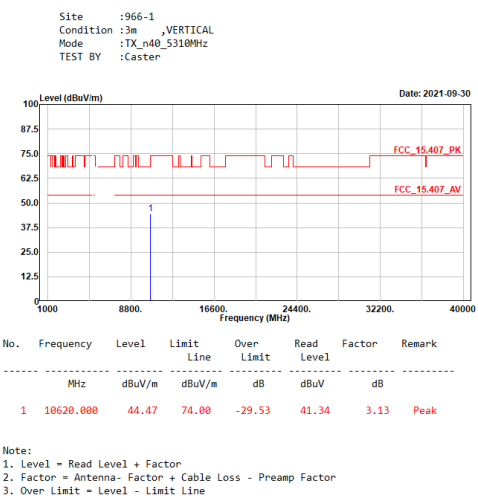
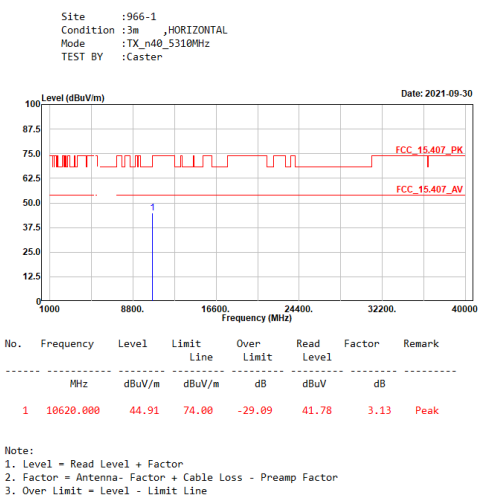
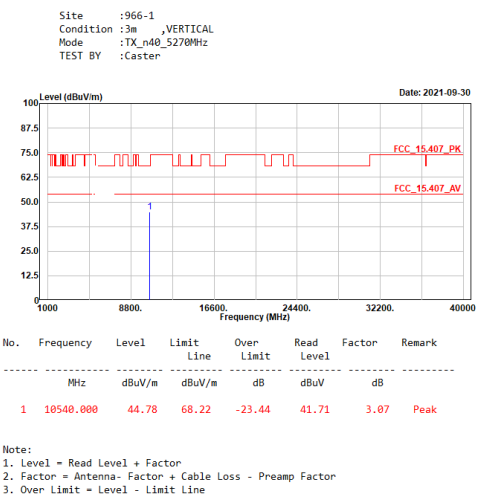
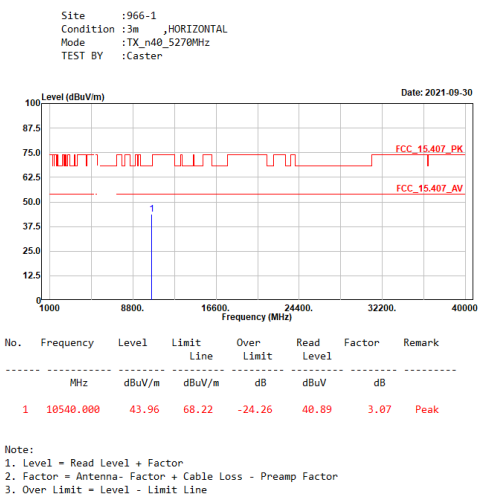


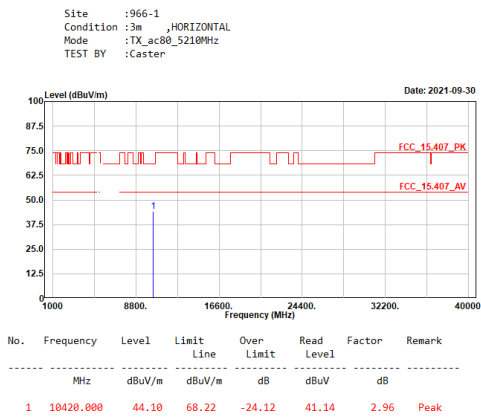




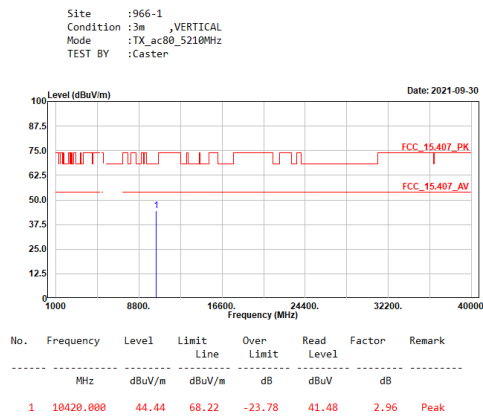




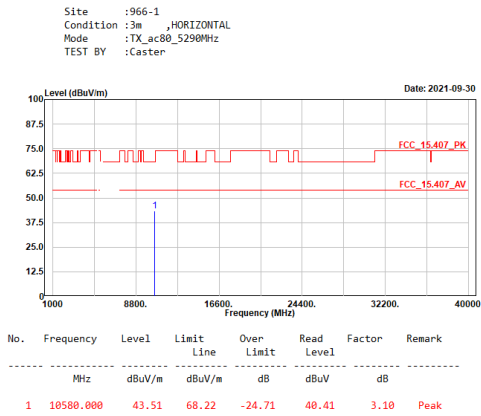




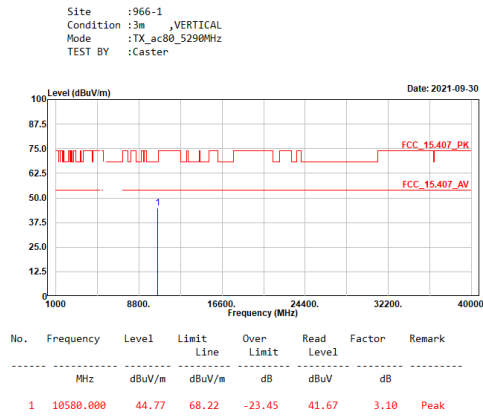
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line



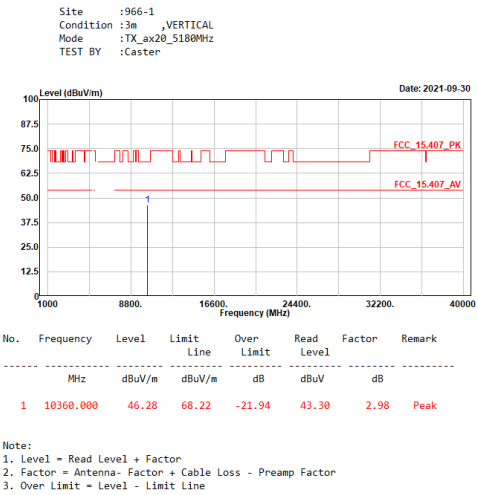
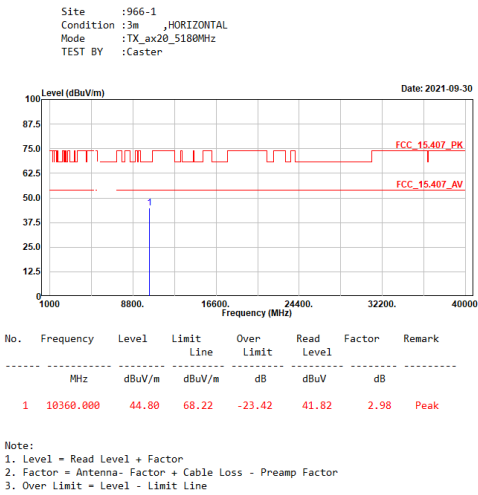
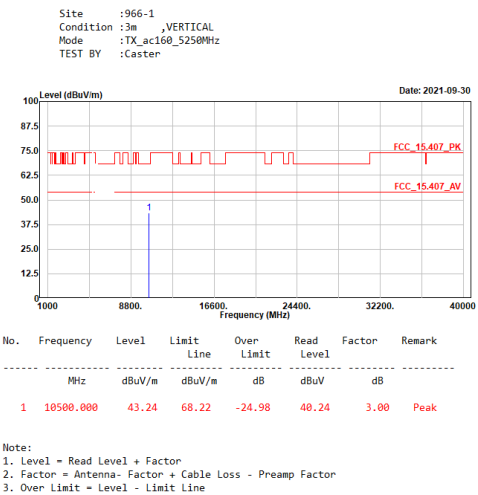
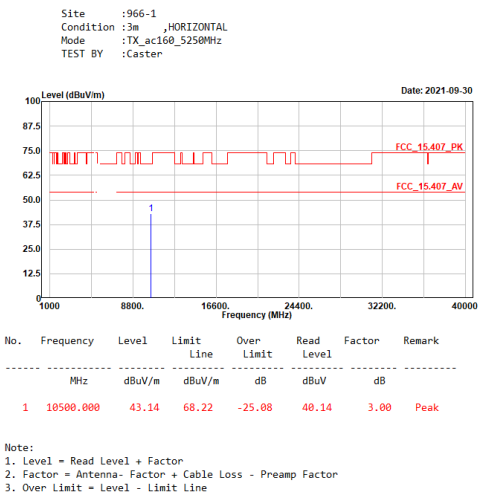
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line



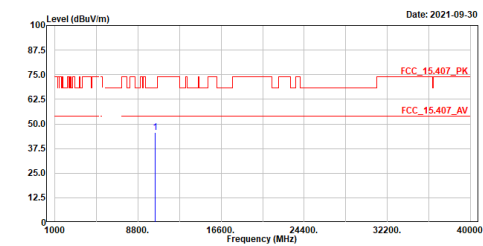
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line



Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line



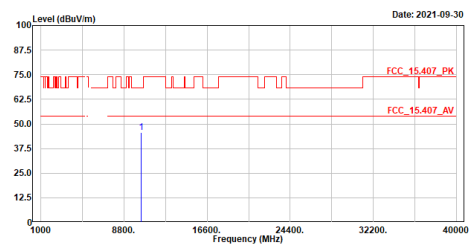
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax20_5280MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10480.000	45.69	68.22	-22.53	42.71	2.98	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

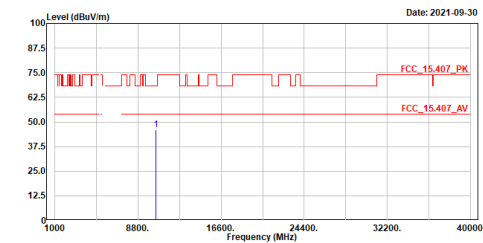
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax20_5280MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10480.000	45.51	68.22	-22.71	42.53	2.98	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

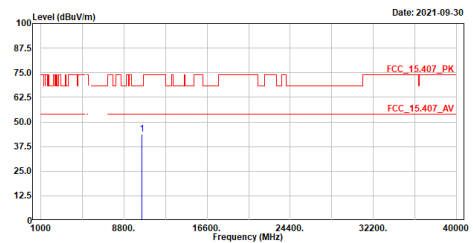
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax20_5240MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10480.000	45.90	68.22	-22.32	42.92	2.98	Peak

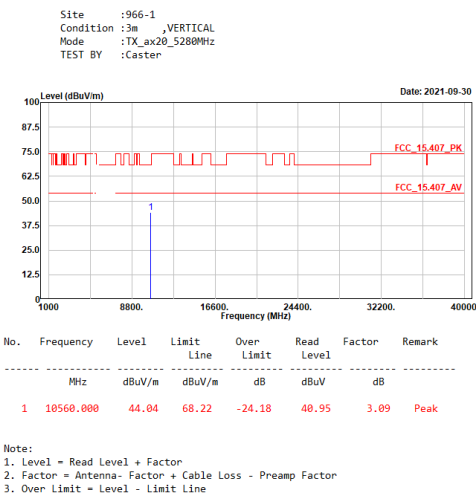
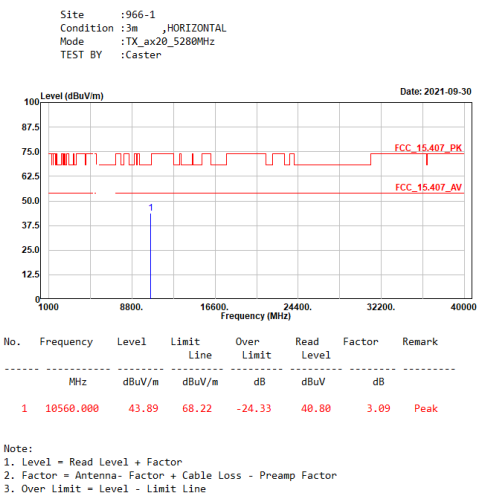
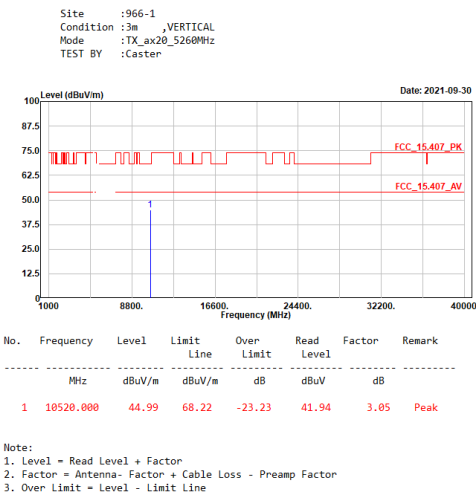
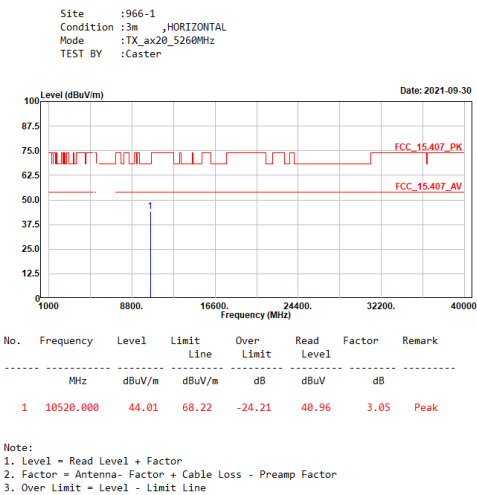
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax20_5240MHz
TEST BY :Caster

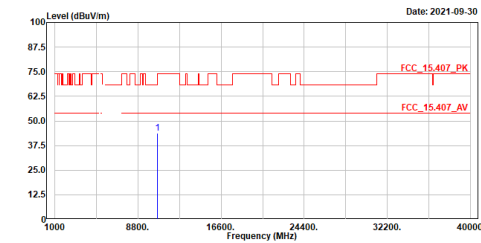


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10480.000	43.79	68.22	-24.43	40.81	2.98	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line



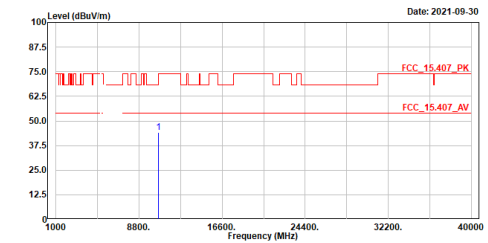
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax20_5320MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10640.000	43.70	74.00	-30.30	40.55	3.15	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

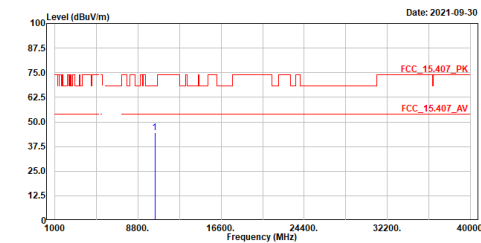
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax20_5320MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10640.000	44.24	74.00	-29.76	41.09	3.15	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

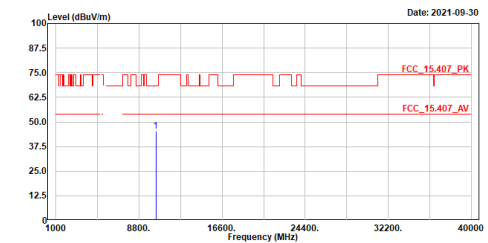
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax40_5190MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10380.000	44.51	68.22	-23.71	41.53	2.98	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

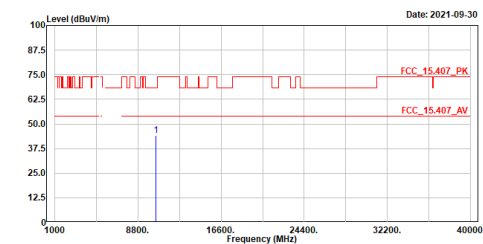
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax40_5190MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10380.000	45.31	68.22	-22.91	42.33	2.98	Peak

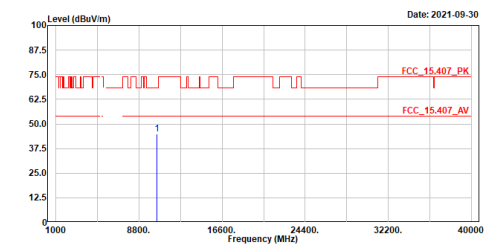
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax40_5230MHz
TEST BY :Caster



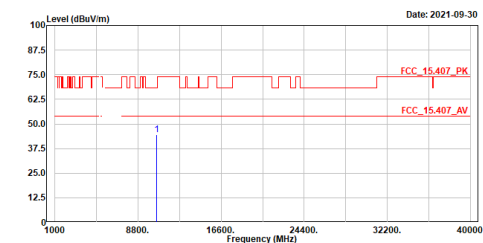
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax40_5230MHz
TEST BY :Caster



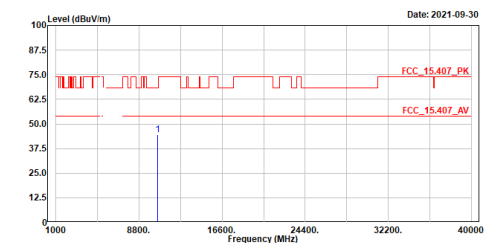
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax40_5270MHz
TEST BY :Caster



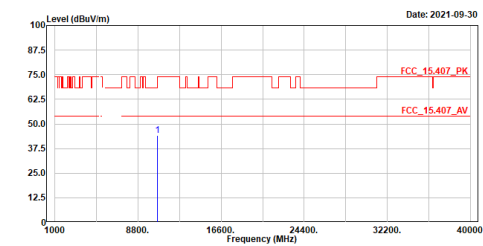
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax40_5270MHz
TEST BY :Caster



Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

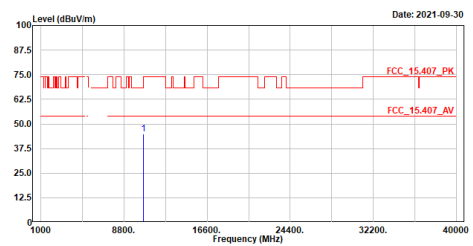
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax40_5310MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10620.000	44.18	74.00	-29.82	41.05	3.13	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

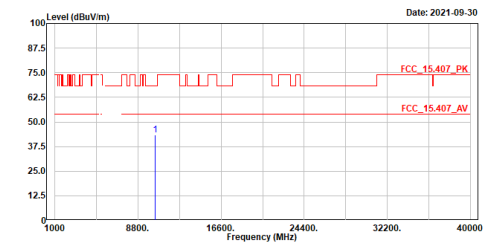
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax40_5310MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10620.000	45.08	74.00	-28.92	41.95	3.13	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

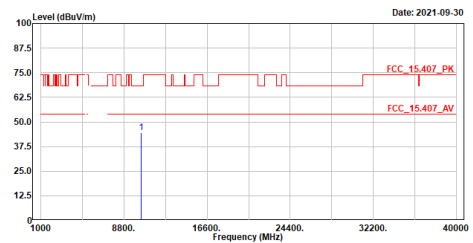
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax80_5210MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10420.000	43.52	68.22	-24.70	40.56	2.96	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

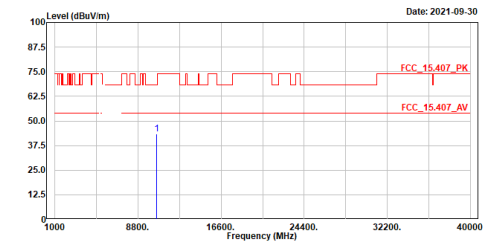
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax80_5210MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10420.000	44.68	68.22	-23.54	41.72	2.96	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

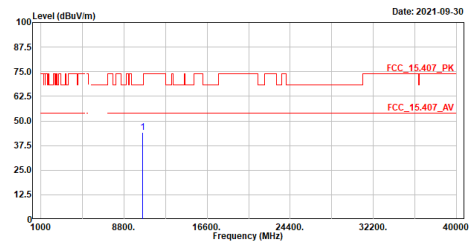
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax80_5290MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10580.000	43.26	68.22	-24.96	40.16	3.10	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

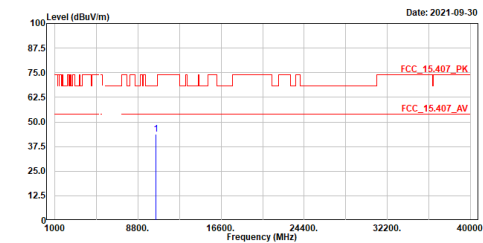
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax80_5290MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10580.000	44.04	68.22	-24.18	40.94	3.10	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

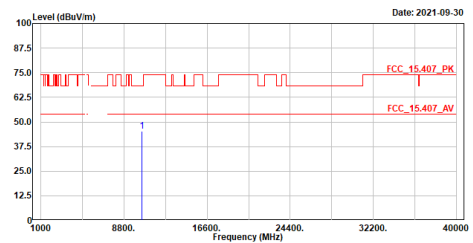
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax160_5250MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10500.000	43.61	68.22	-24.61	40.61	3.00	Peak

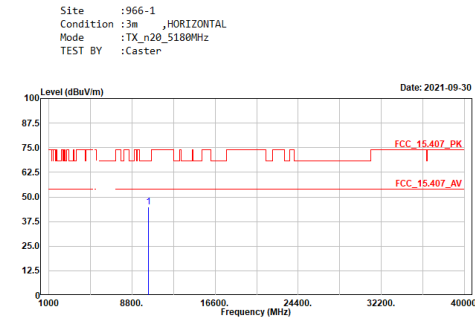
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax160_5250MHz
TEST BY :Caster



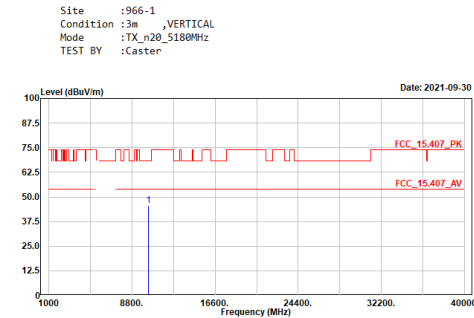
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10500.000	45.37	68.22	-22.85	42.37	3.00	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line



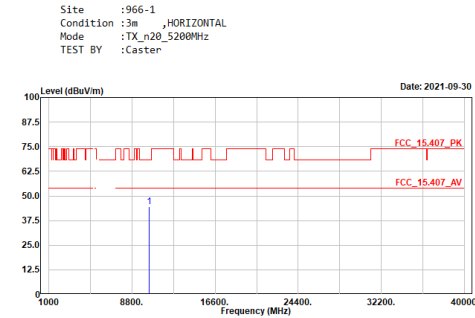
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10360.000	44.95	68.22	-23.27	41.97	2.98	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line



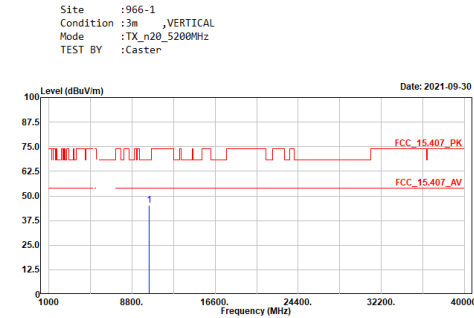
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10360.000	45.51	68.22	-22.71	42.53	2.98	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line



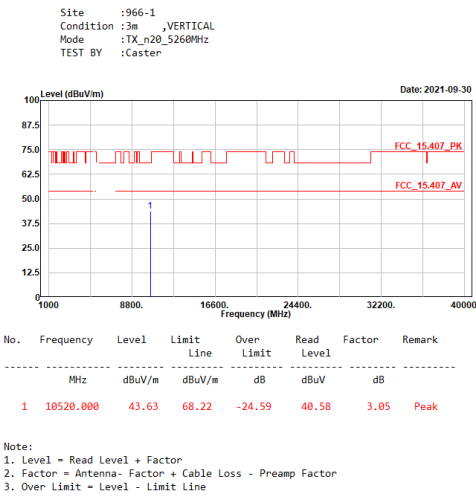
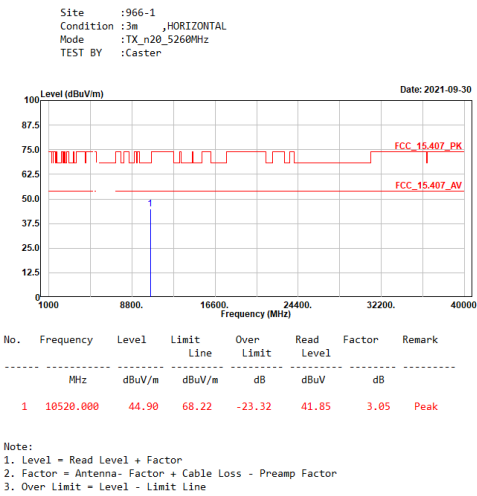
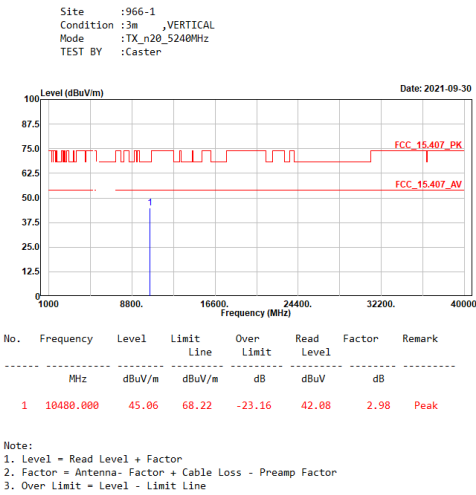
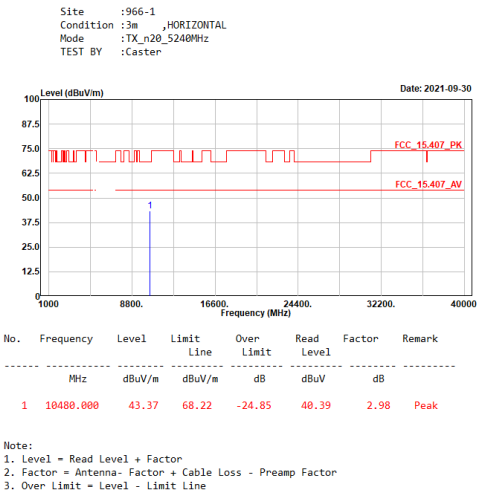
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10400.000	44.56	68.22	-23.66	41.58	2.98	Peak

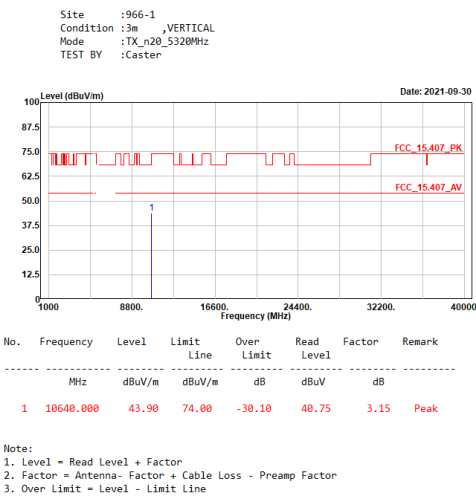
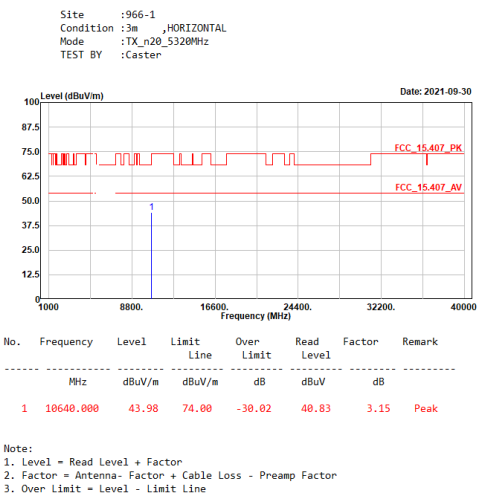
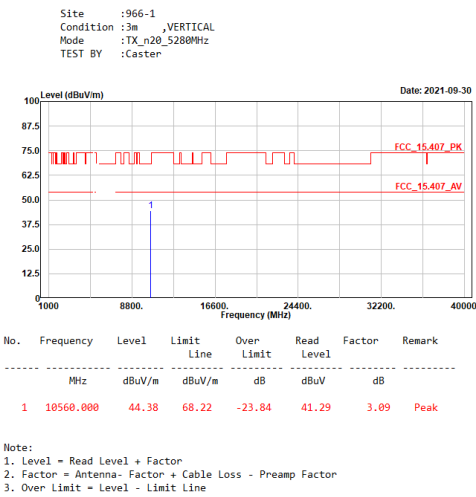
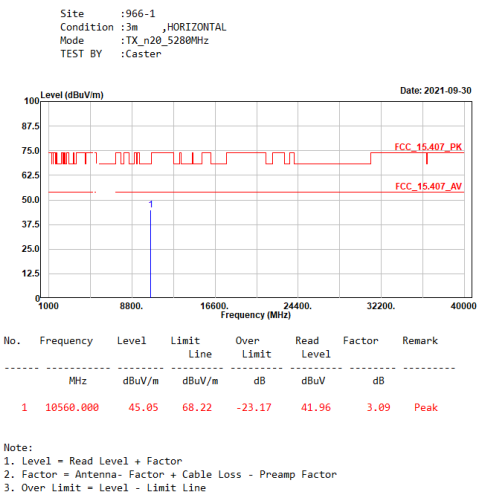
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

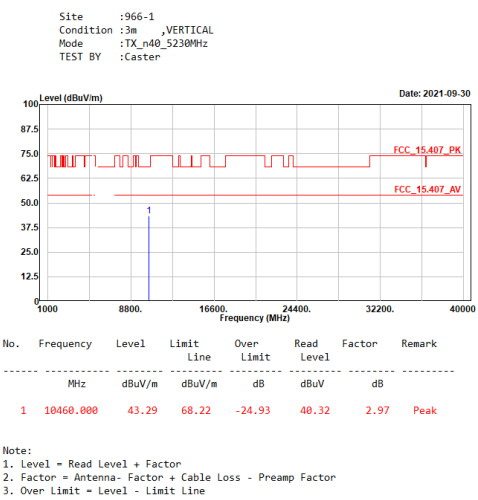
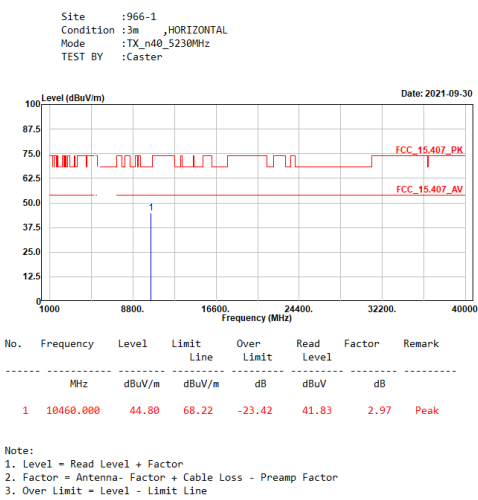
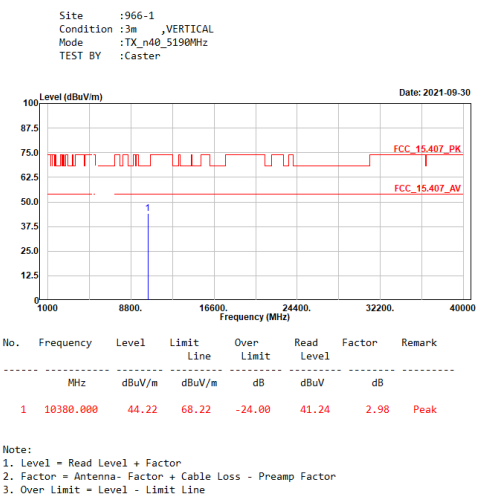
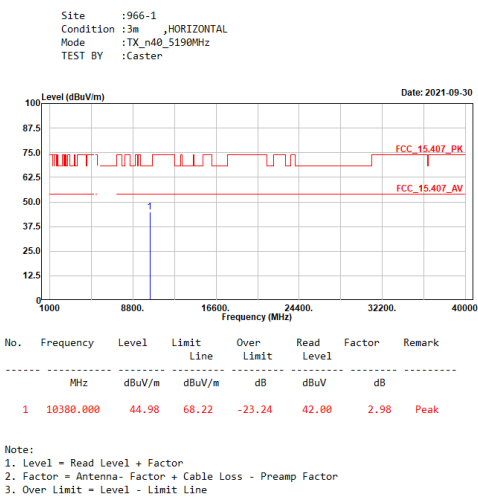


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10400.000	45.31	68.22	-22.91	42.33	2.98	Peak

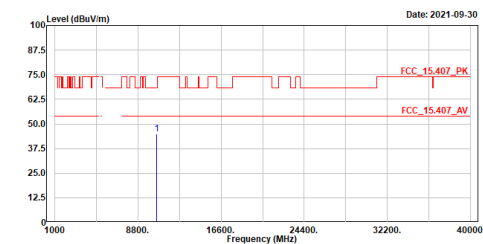
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line







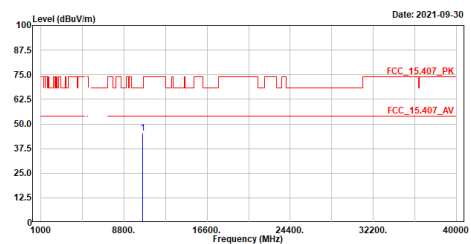
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_n40_5270MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10540.000	44.80	68.22	-23.42	41.73	3.07	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

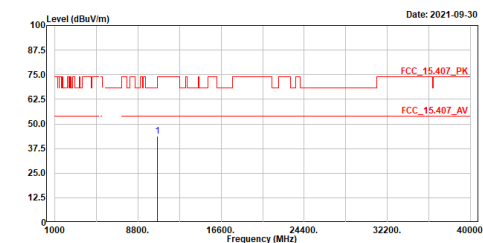
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_n40_5270MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10540.000	45.27	68.22	-22.95	42.20	3.07	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

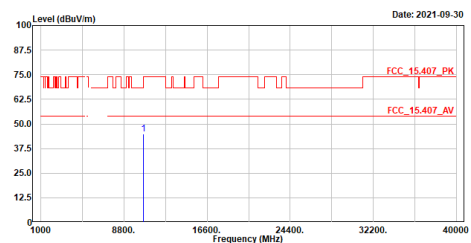
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_n40_5310MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10620.000	43.70	74.00	-30.30	40.57	3.13	Peak

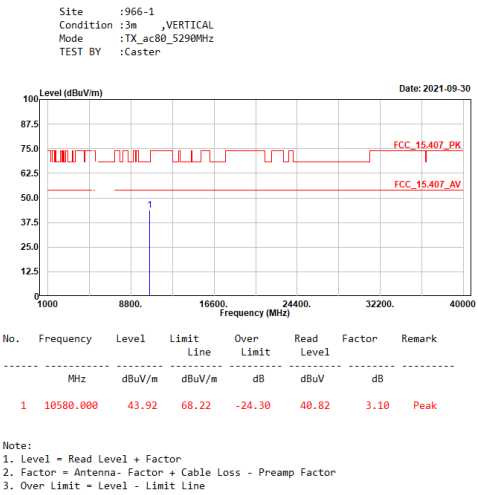
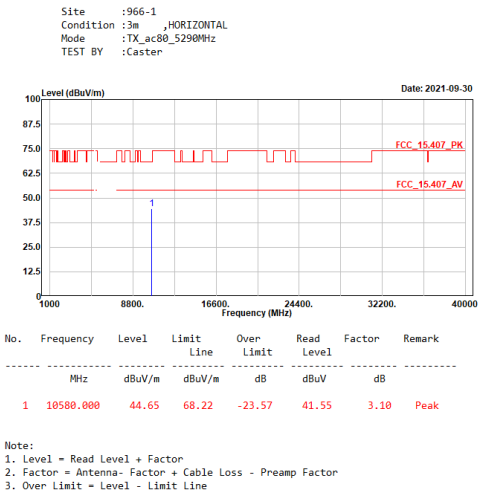
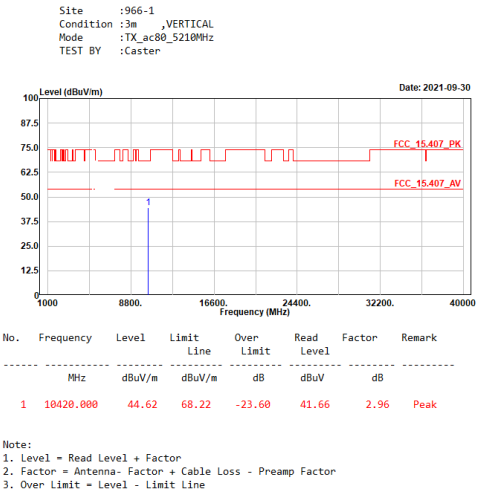
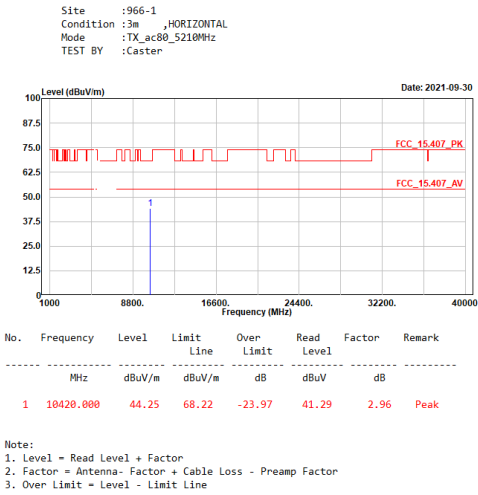
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

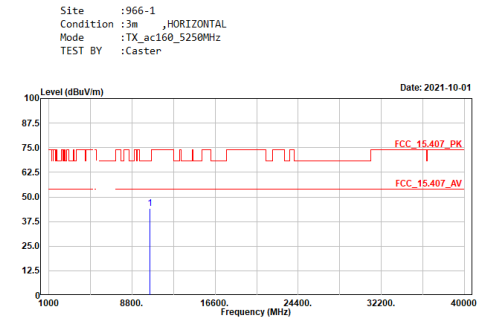
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_n40_5310MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10620.000	44.76	74.00	-29.24	41.63	3.13	Peak

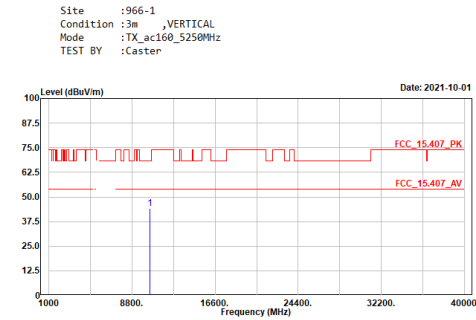
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line





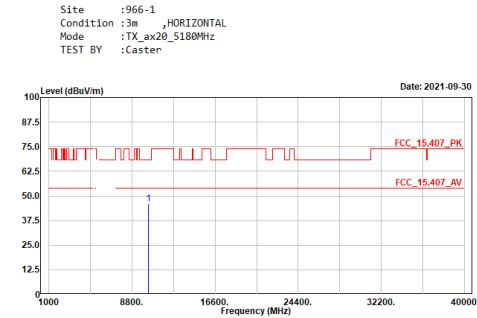
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	10500.000	44.01	68.22	-24.21	41.01	3.00	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line



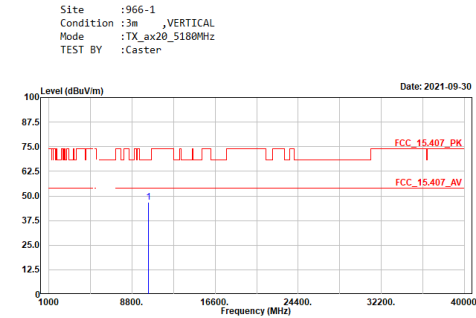
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	10500.000	44.14	68.22	-24.08	41.14	3.00	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	10360.000	45.93	68.22	-22.29	42.95	2.98	Peak

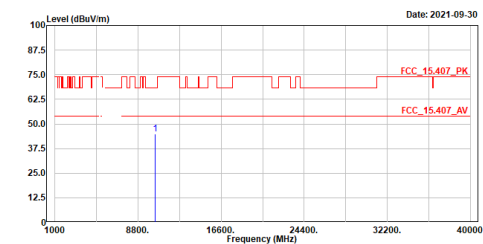
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	10360.000	46.79	68.22	-21.43	43.81	2.98	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

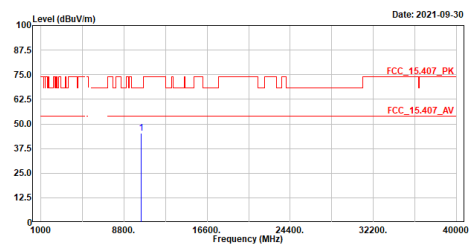
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax20_5280MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10480.000	45.08	68.22	-23.14	42.10	2.98	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

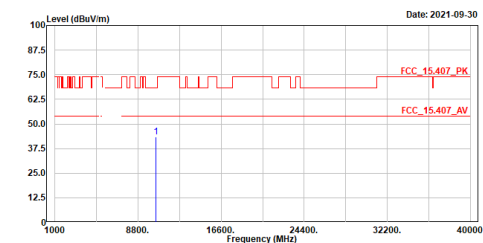
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax20_5280MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10480.000	45.32	68.22	-22.90	42.34	2.98	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

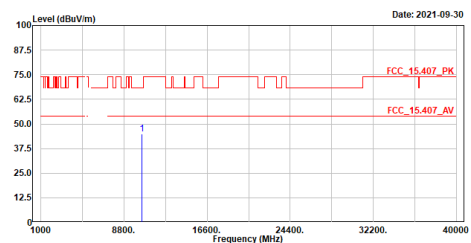
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax20_5240MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10480.000	43.41	68.22	-24.81	40.43	2.98	Peak

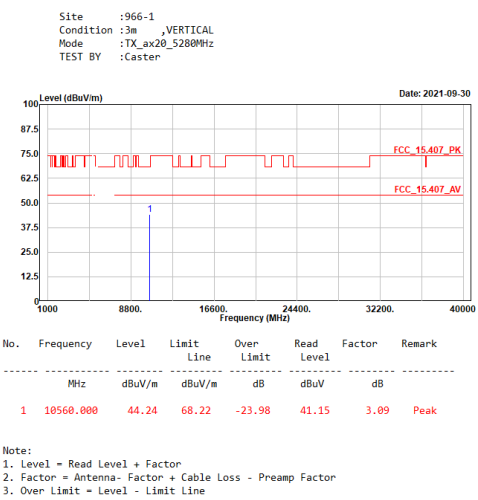
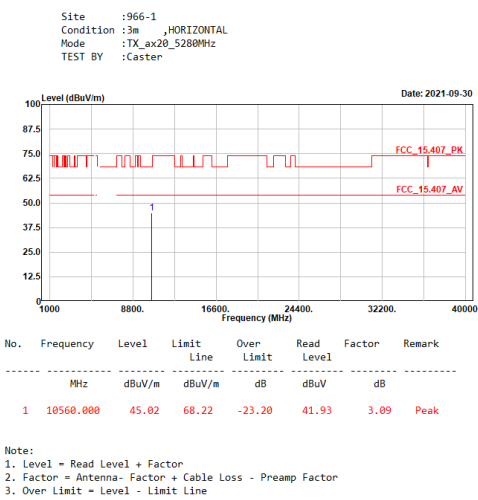
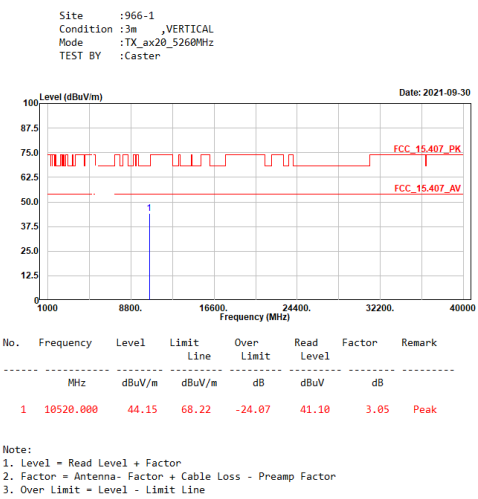
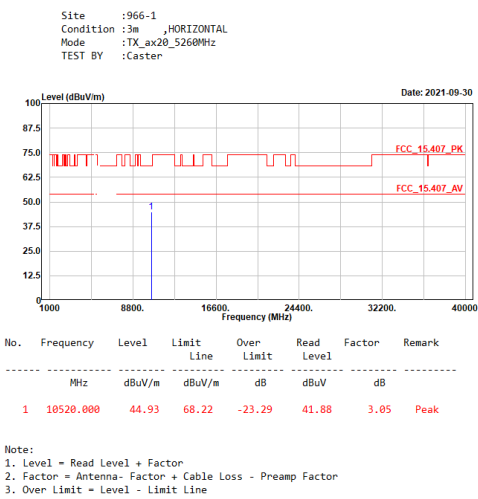
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax20_5240MHz
TEST BY :Caster

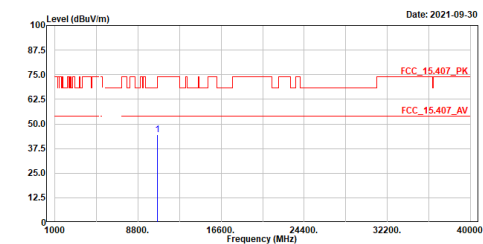


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10480.000	44.98	68.22	-23.24	42.00	2.98	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line



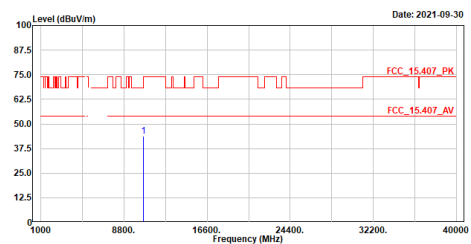
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax20_5320MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10640.000	44.70	74.00	-29.30	41.55	3.15	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

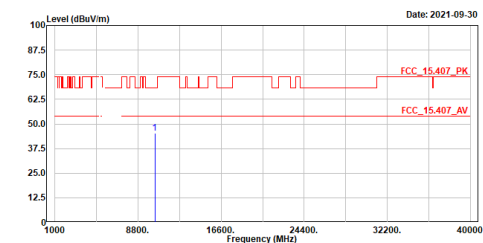
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax20_5320MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10640.000	43.88	74.00	-30.12	40.73	3.15	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

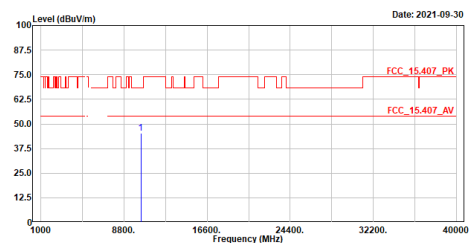
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax40_5190MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10380.000	45.45	68.22	-22.77	42.47	2.98	Peak

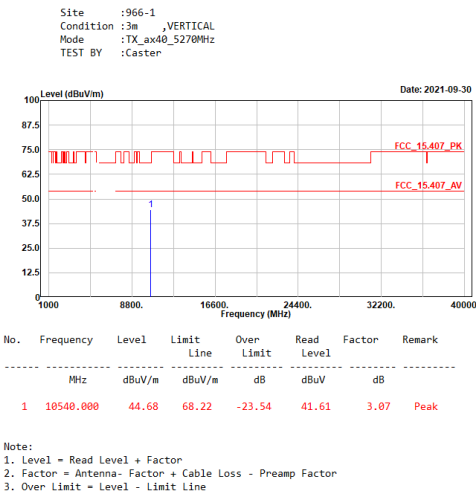
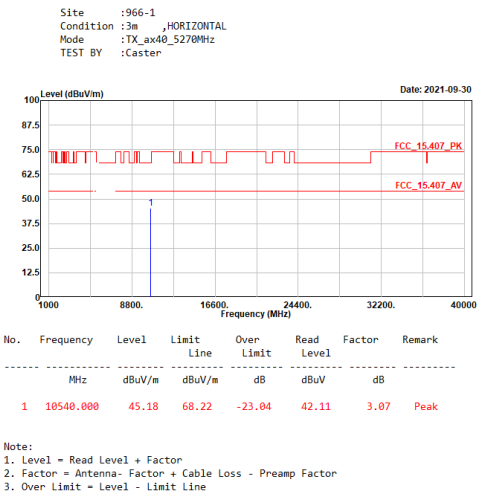
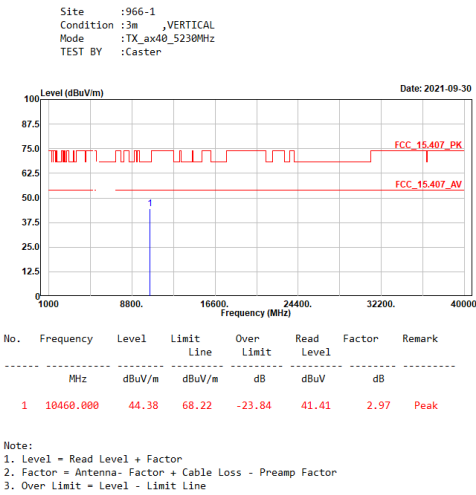
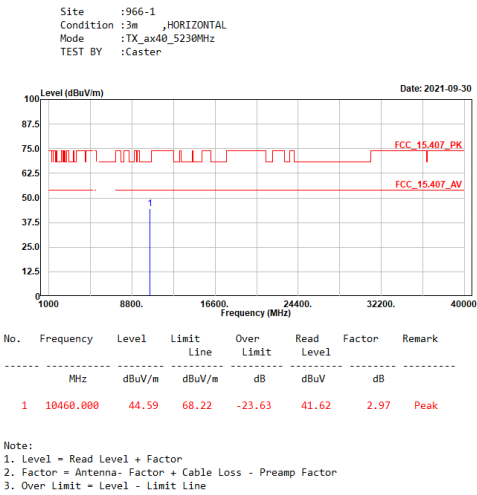
Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

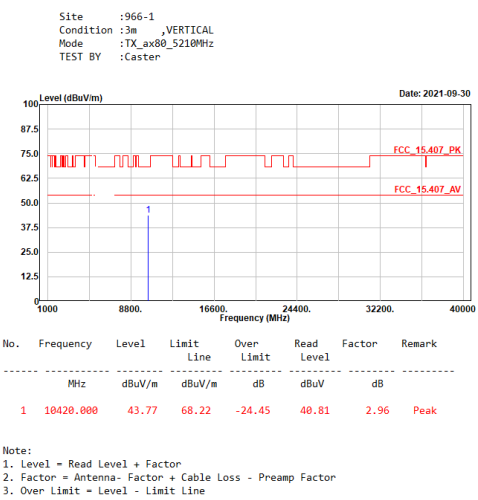
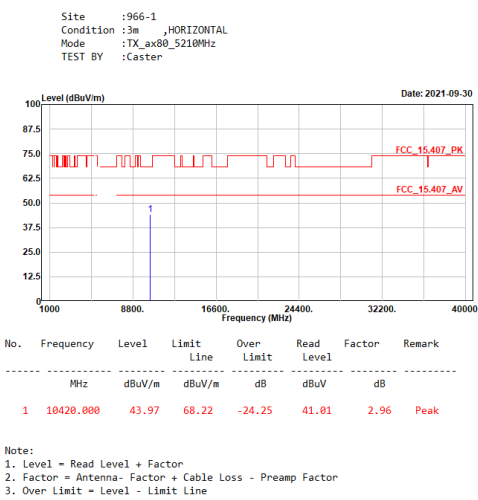
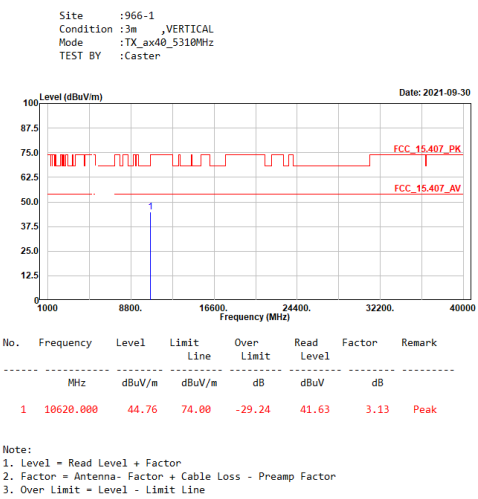
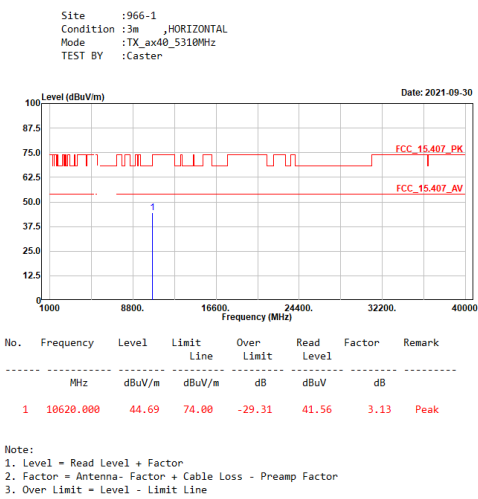
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax40_5190MHz
TEST BY :Caster



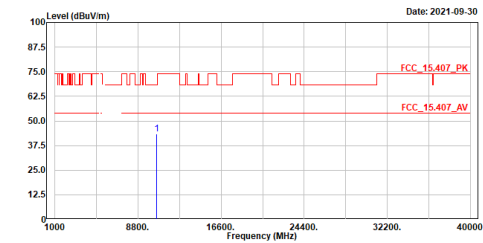
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10380.000	45.23	68.22	-22.99	42.25	2.98	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line





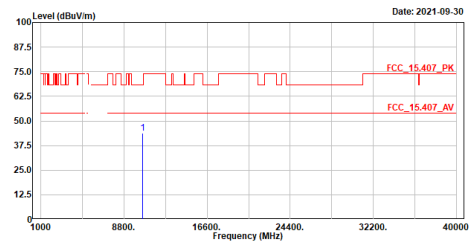
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax80_5290MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10580.000	43.24	68.22	-24.98	40.14	3.10	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

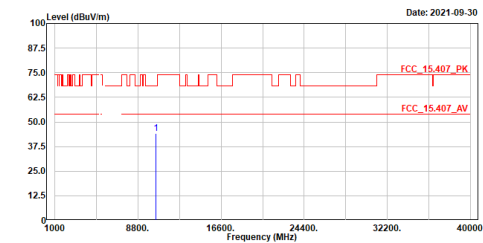
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax80_5290MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10580.000	43.93	68.22	-24.29	40.83	3.10	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

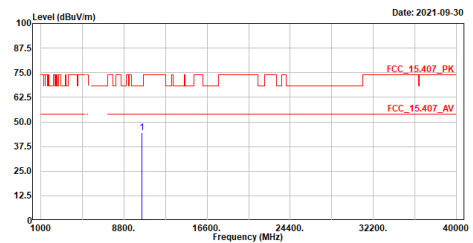
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax160_5250MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10500.000	44.28	68.22	-23.94	41.28	3.00	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

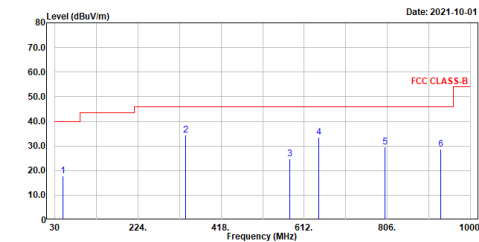
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax160_5250MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	10500.000	44.38	68.22	-23.84	41.38	3.00	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna- Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

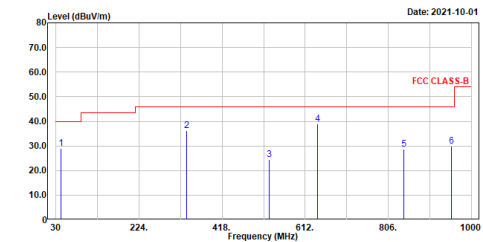
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax160_5250MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	48.430	17.71	40.00	-22.29	29.63	-11.92	QP
2	335.550	34.37	46.00	-11.63	44.51	-10.14	QP
3	578.050	24.90	46.00	-21.10	29.88	-4.98	QP
4	645.950	33.56	46.00	-12.44	37.26	-3.70	QP
5	801.150	29.69	46.00	-16.31	31.48	-1.79	QP
6	931.130	28.56	46.00	-17.44	28.96	-0.40	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

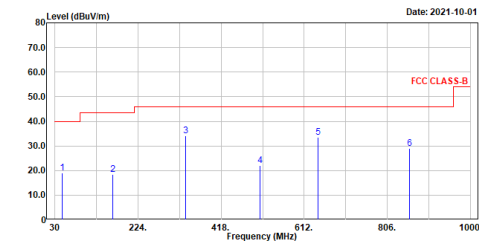
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax160_5250MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	42.610	28.88	40.00	-11.12	40.63	-11.75	QP
2	334.580	36.26	46.00	-9.74	46.41	-10.15	QP
3	528.580	24.50	46.00	-21.50	30.53	-6.03	QP
4	641.100	38.92	46.00	-7.08	42.70	-3.78	QP
5	841.890	28.55	46.00	-17.45	29.91	-1.36	QP
6	953.440	29.76	46.00	-16.24	29.85	-0.09	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

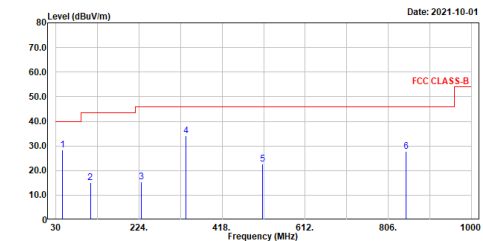
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax160_5250MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	47.460	19.12	40.00	-20.88	30.89	-11.77	QP
2	164.830	18.45	43.50	-25.05	30.00	-11.55	QP
3	334.580	33.97	46.00	-12.03	44.12	-10.15	QP
4	509.180	22.03	46.00	-23.97	28.28	-6.25	QP
5	644.010	33.62	46.00	-12.38	37.34	-3.72	QP
6	858.380	28.84	46.00	-17.16	30.15	-1.31	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

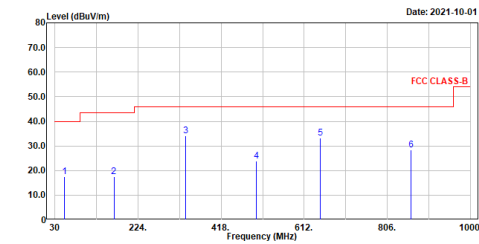
Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax160_5250MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	44.550	28.33	40.00	-11.67	40.11	-11.78	QP
2	110.510	15.21	43.50	-28.29	30.14	-14.93	QP
3	229.820	15.38	46.00	-30.62	29.07	-13.69	QP
4	333.610	34.12	46.00	-11.88	44.29	-10.17	QP
5	513.060	22.76	46.00	-23.24	28.99	-6.23	QP
6	846.740	27.83	46.00	-18.17	29.17	-1.34	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

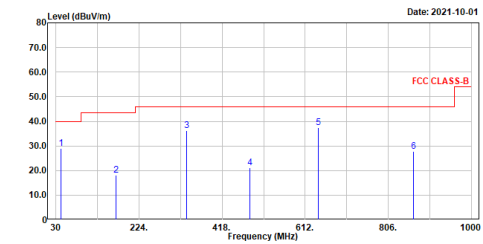
Site :966-1
Condition :3m ,HORIZONTAL
Mode :TX_ax160_5250MHz
TEST BY :Caster



Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

Site :966-1
Condition :3m ,VERTICAL
Mode :TX_ax160_5250MHz
TEST BY :Caster



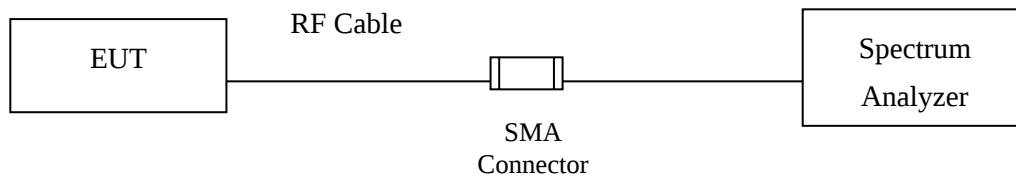
Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

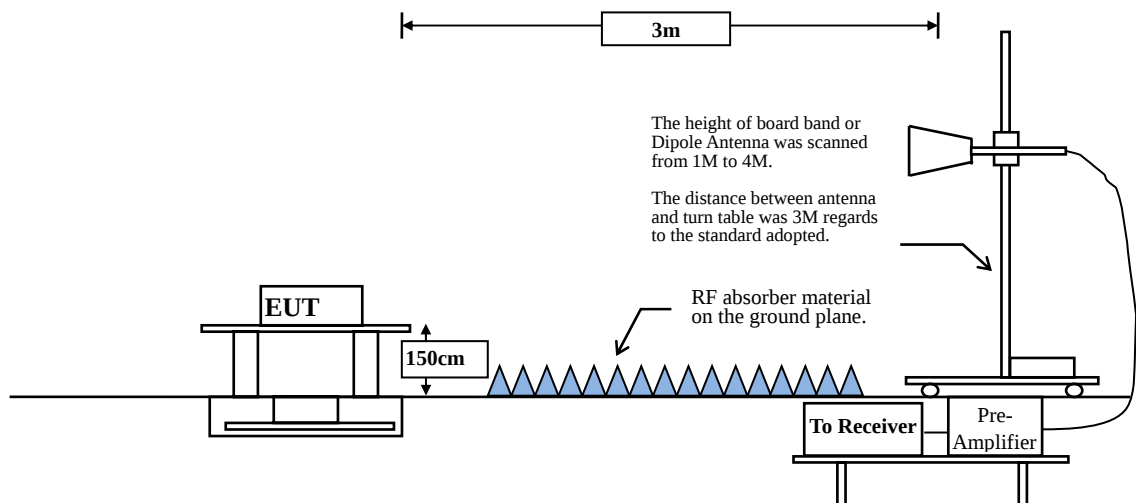
4. Band Edge

4.1. Test Setup

RF Conducted Measurement:



RF Radiated Measurement:



4.2. Limits

The provisions of Section 15.205 of this part apply to intentional radiators operating under this section.

Radiated emissions which fall in the restricted bands, as defined in Section 15.205, must also comply with the radiated emission limits specified in Section 15.209:

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	uV/m @3m	dBµV/m@3m
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Remarks :

1. RF Voltage (dBµV) = 20 log RF Voltage (uV)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

4.3. Test Procedure

The EUT is placed on a turn table which is 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10:2013 on radiated measurement.

The bandwidth below 1GHz setting on the field strength meter is 120 kHz, above 1GHz are 1 MHz. The EUT was setup to ANSI C63.10, 2013; tested to UNII test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

RBW and VBW Parameter setting:

According to KDB 789033 section II.G.5 Procedure for Unwanted Maximum Emissions
Measurements above 1000 MHz.

RBW = 1MHz.

VBW $\geq$ 3MHz.

According to KDB 789033 section II.G.6 Procedures for Average Unwanted Emissions
Measurements above 1000 MHz.

RBW = 1MHz.

VBW = 10Hz, when duty cycle $\geq$ 98 %

VBW $\geq$ 1/T, when duty cycle < 98 %

(T refers to the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.)

SISO A

5GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11 a	97.66	2.0850	480	500
802.11 n20	98.76	--	--	10
802.11 n40	98.76	--	--	10
802.11 ac80	98.75	--	--	10
802.11 ac160	98.75	--	--	10
802.11 ax20	98.47	--	--	10
802.11 ax40	98.10	--	--	10
802.11 ax80	98.10	--	--	10
802.11 ax160	98.48	--	--	10
802.11 ax20-26/0-RU	98.48	--	--	10
802.11 ax20-52/37-RU	98.48	--	--	10
802.11 ax20-106/53-RU	98.48	--	--	10
802.11 ax40-242/61-RU	98.11	--	--	10
802.11 ax80-484/65-RU	98.10	--	--	10
802.11 ax160-996/67-RU	98.10	--	--	10

Note: Duty Cycle Refer to Section 5.

SISO B

5GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11 a	97.66	2.0850	480	500
802.11 n20	98.76	--	--	10
802.11 n40	99.00	--	--	10
802.11 ac80	98.75	--	--	10
802.11 ac160	98.75	--	--	10
802.11 ax20	98.47	--	--	10
802.11 ax40	98.48	--	--	10
802.11 ax80	98.48	--	--	10
802.11 ax160	98.48	--	--	10
802.11 ax20-26/0-RU	98.48	--	--	10
802.11 ax20-52/37-RU	98.48	--	--	10
802.11 ax20-106/53-RU	98.48	--	--	10
802.11 ax40-242/61-RU	98.10	--	--	10
802.11 ax80-484/65-RU	98.10	--	--	10
802.11 ax160-996/67-RU	98.10	--	--	10

Note: Duty Cycle Refer to Section 5.

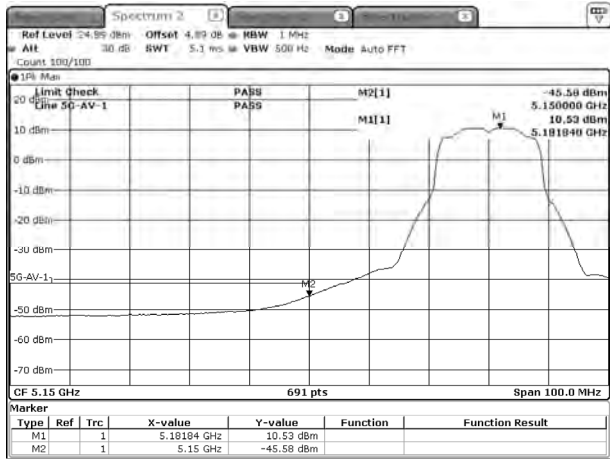
MIMO

5GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11 n20	98.76	--	--	10
802.11 n40	98.76	--	--	10
802.11 ac80	98.75	--	--	10
802.11 ac160	98.23	--	--	10
802.11 ax20	98.48	--	--	10
802.11 ax40	98.09	--	--	10
802.11 ax80	98.10	--	--	10
802.11 ax160	97.96	2.4050	416	500
802.11 ax20-26/0-RU	98.48	--	--	10
802.11 ax20-52/37-RU	98.10	--	--	10
802.11 ax20-106/53-RU	98.10	--	--	10
802.11 ax40-242/61-RU	98.11	--	--	10
802.11 ax80-484/65-RU	98.10	--	--	10
802.11 ax160-996/67-RU	98.10	--	--	10

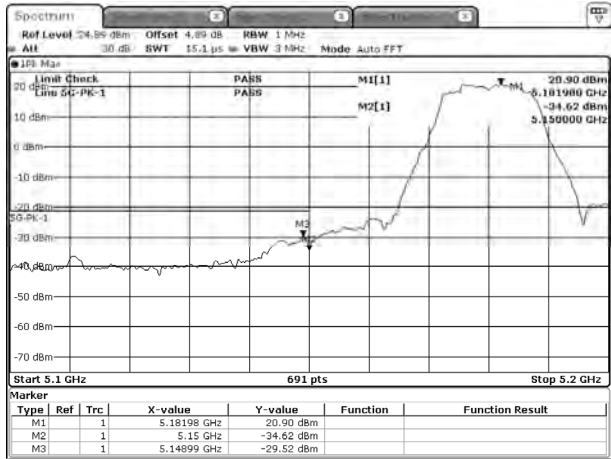
Note: Duty Cycle Refer to Section 5.

4.4. Test Result of Band Edge

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Date : 2021/09/08
Test Mode : Mode 1 SISO A: Transmit (802.11a_6Mbps)-Channel 36

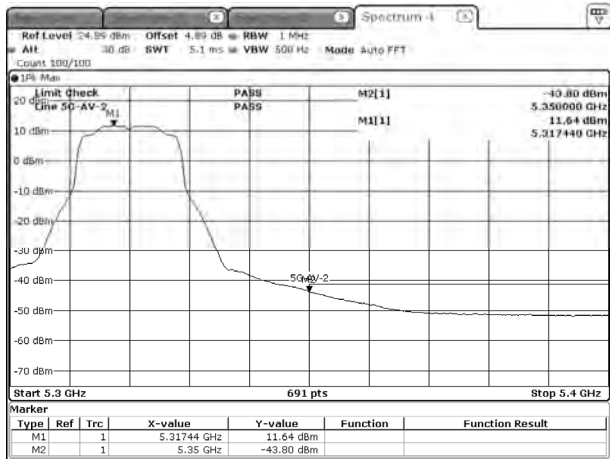


a-5180-SISO A-AV



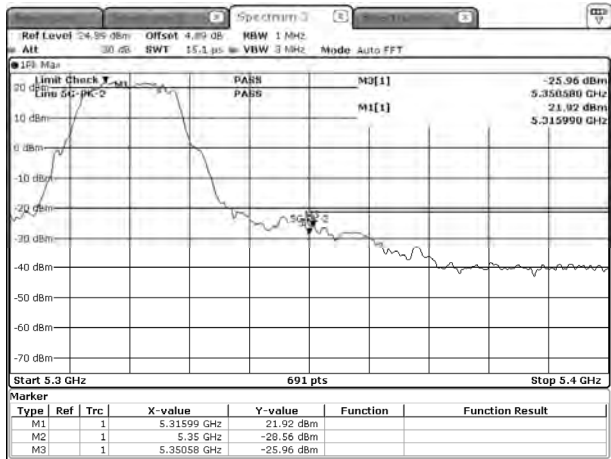
a-5180-SISO A-PK

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Date : 2021/09/08
Test Mode : Mode 1 SISO A: Transmit (802.11a_6Mbps)-Channel 64



Date: 8 SEP 2021 19:05:41

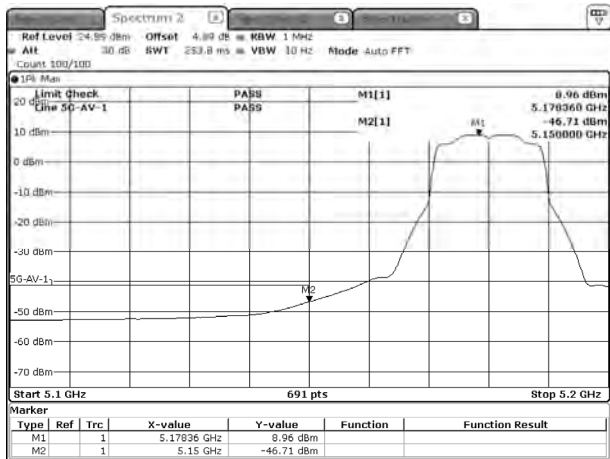
a-5320-SISO A-AV



Date: 8 SEP 2021 19:06:46

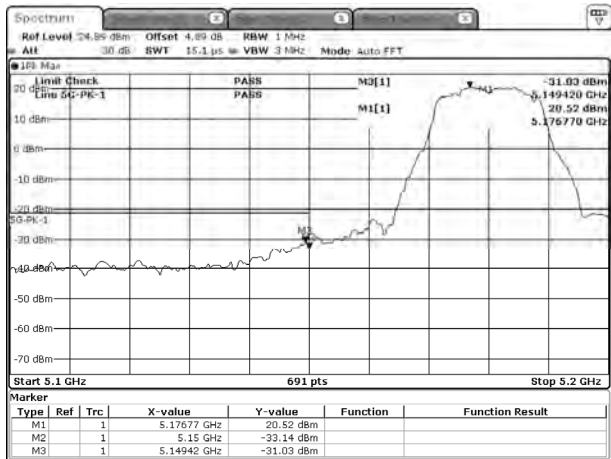
a-5320-SISO A-PK

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Date : 2021/09/08
Test Mode : Mode 2 SISO A: Transmit (802.11n-20BW_7.2Mbps)-Channel 36



Date: 8 SEP. 2021 19:13:27

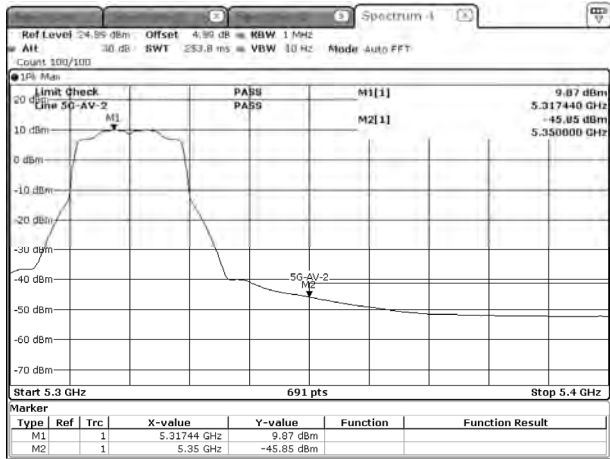
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Date: 8 SEP. 2021 19:16:15

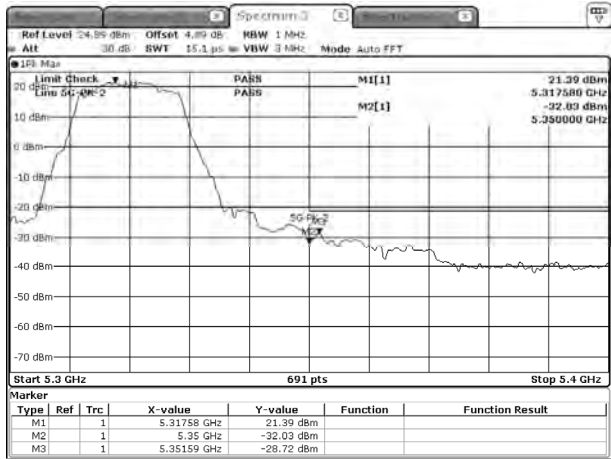
n20-5180-SISO A-PK

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Date : 2021/09/08
Test Mode : Mode 2 SISO A: Transmit (802.11n-20BW_7.2Mbps)-Channel 64



Date: 8 SEP 2021 19:19:57

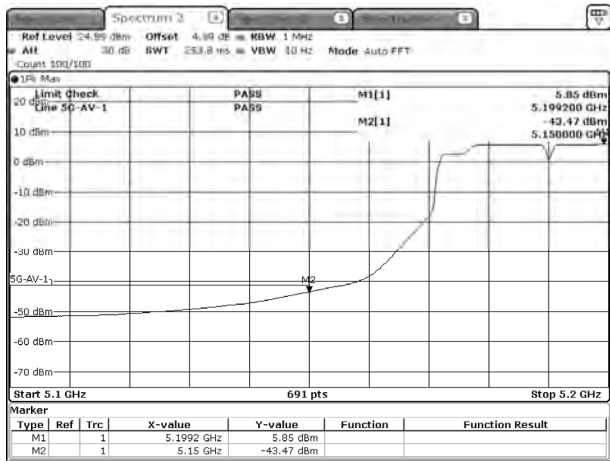
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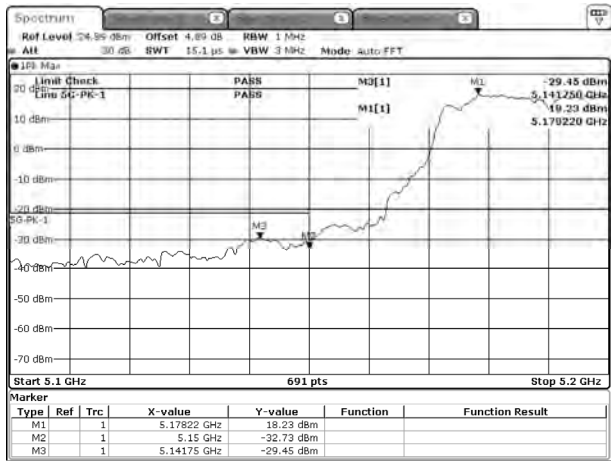
Date: 8 SEP 2021 19:21:23

n20-5320-SISO A-PK

Product : Intel® Wi-Fi 6E AX211
Test Item : Band Edge Data
Test Date : 2021/09/08
Test Mode : Mode 3 SISO A: Transmit (802.11n-40BW_15Mbps)-Channel 38



n40-5190-SISO A-AV



n40-5190-SISO A-PK