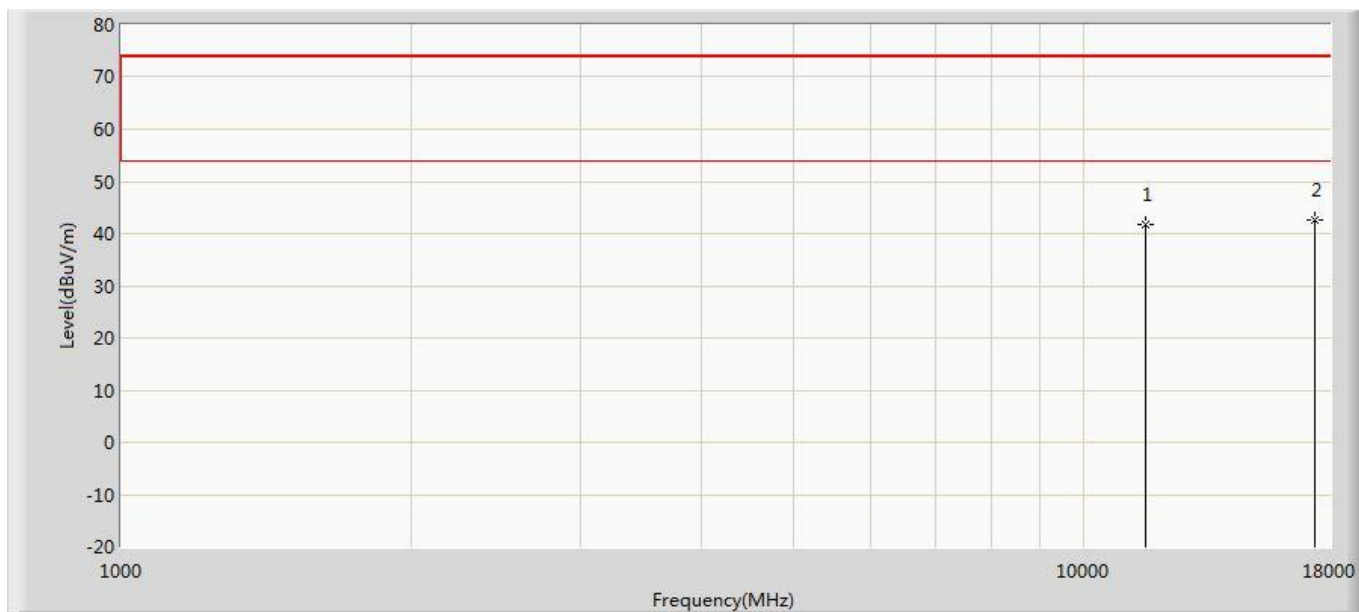
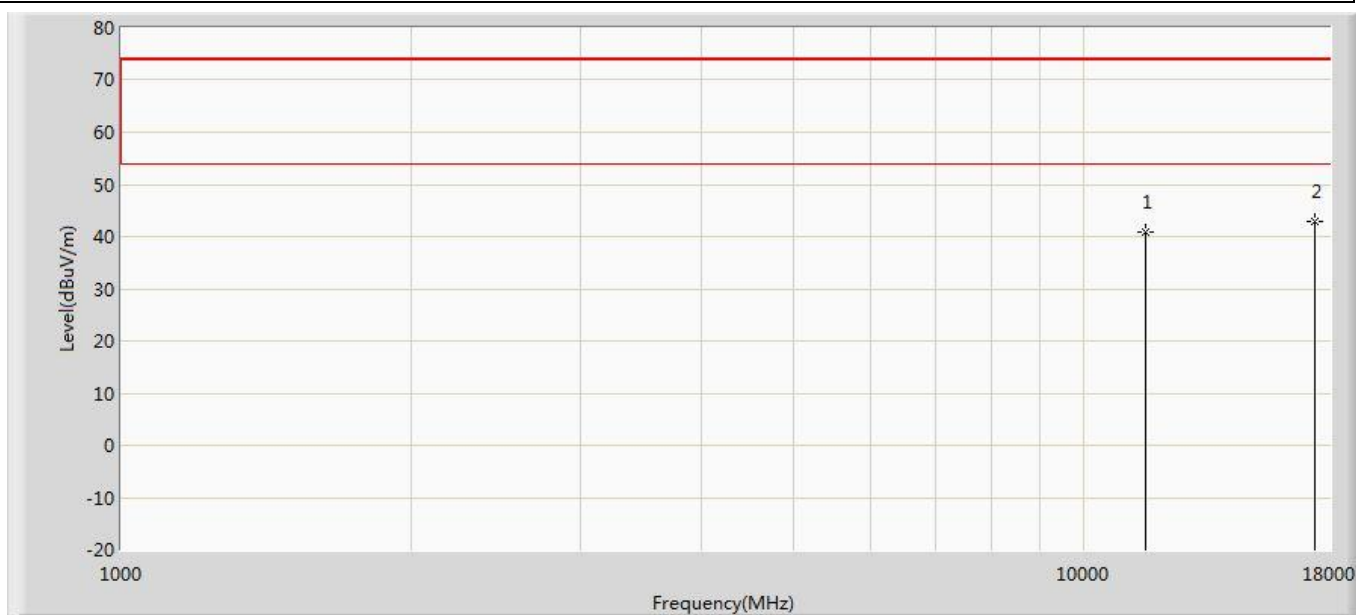


Profile: 2140225R	Page No.: 223
Engineer: Juliuszhou	
Site: AC5	Time: 2021/04/23 - 22:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Computer BOX	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5795MHz by 802.11ac(40MHz)	



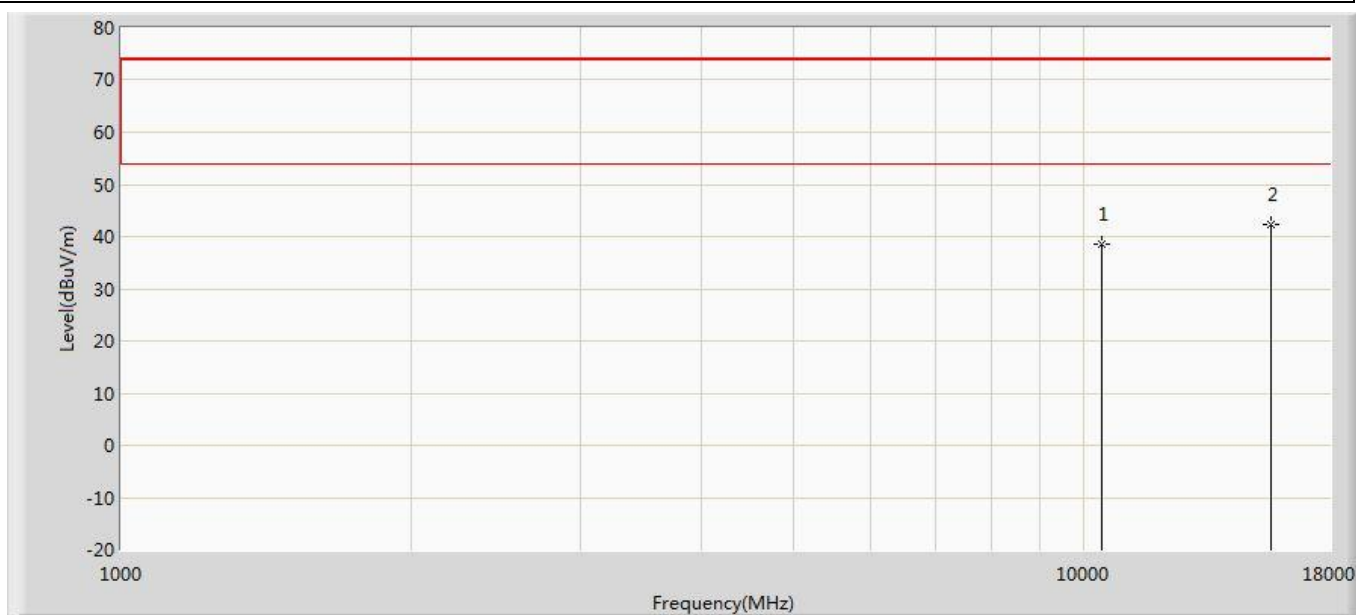
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	41.694	38.166	-32.306	74.000	3.528	PK
2	*	17385.000	42.556	36.071	-31.444	74.000	6.485	PK

Profile: 2140225R	Page No.: 224
Engineer: Juliuszhou	
Site: AC5	Time: 2021/04/23 - 22:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Computer BOX	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5795MHz by 802.11ac(40MHz)	



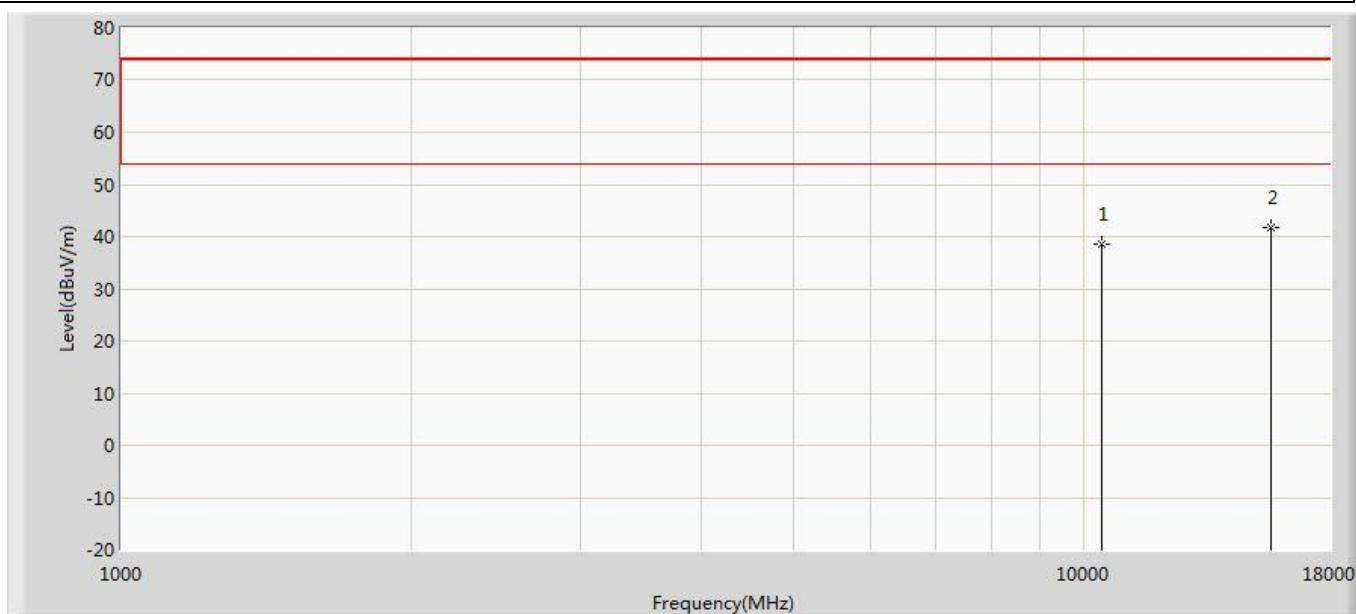
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	40.961	37.433	-33.039	74.000	3.528	PK
2	*	17385.000	42.864	36.379	-31.136	74.000	6.485	PK

Profile: 2140225R	Page No.: 225
Engineer: Juliuszhou	
Site: AC5	Time: 2021/04/23 - 22:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Computer BOX	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210MHz by 802.11ac(80MHz)	



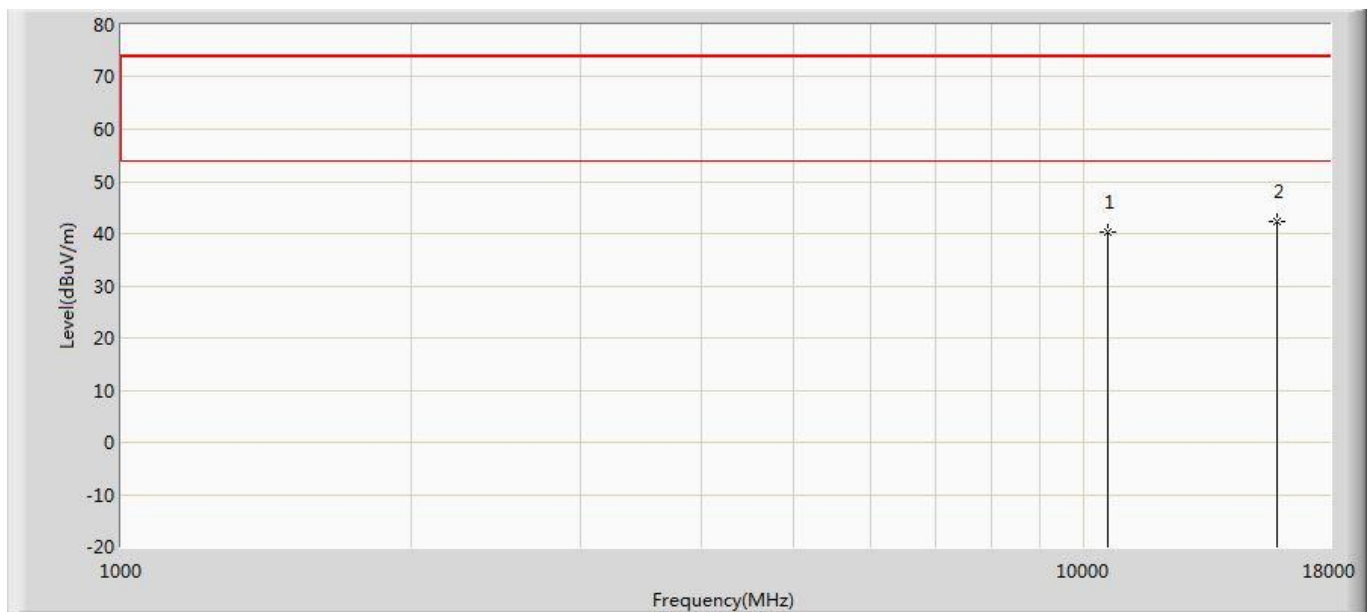
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	38.650	37.970	-35.350	74.000	0.681	PK
2	*	15630.000	42.188	35.990	-31.812	74.000	6.198	PK

Profile: 2140225R	Page No.: 226
Engineer: Juliuszhou	
Site: AC5	Time: 2021/04/23 - 22:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Computer BOX	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210MHz by 802.11ac(80MHz)	



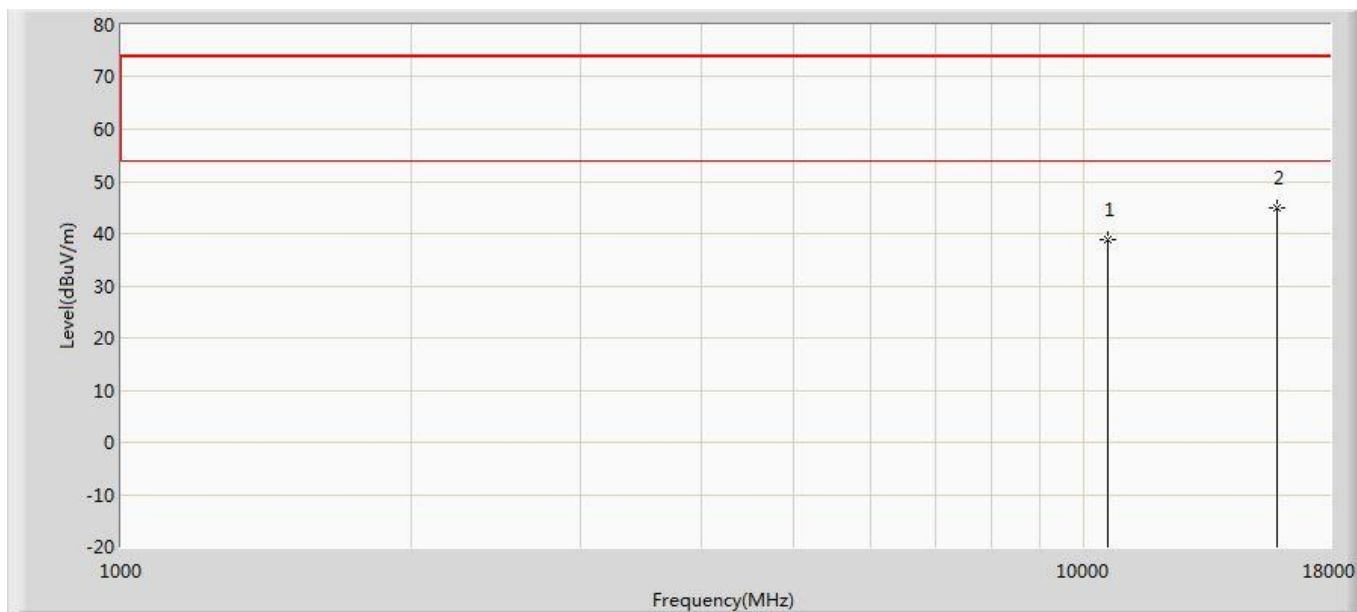
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	38.430	37.750	-35.570	74.000	0.681	PK
2	*	15630.000	41.685	35.487	-32.315	74.000	6.198	PK

Profile: 2140225R	Page No.: 227
Engineer: Juliuszhou	
Site: AC5	Time: 2021/04/23 - 22:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Computer BOX	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5290MHz by 802.11ac(80MHz)	



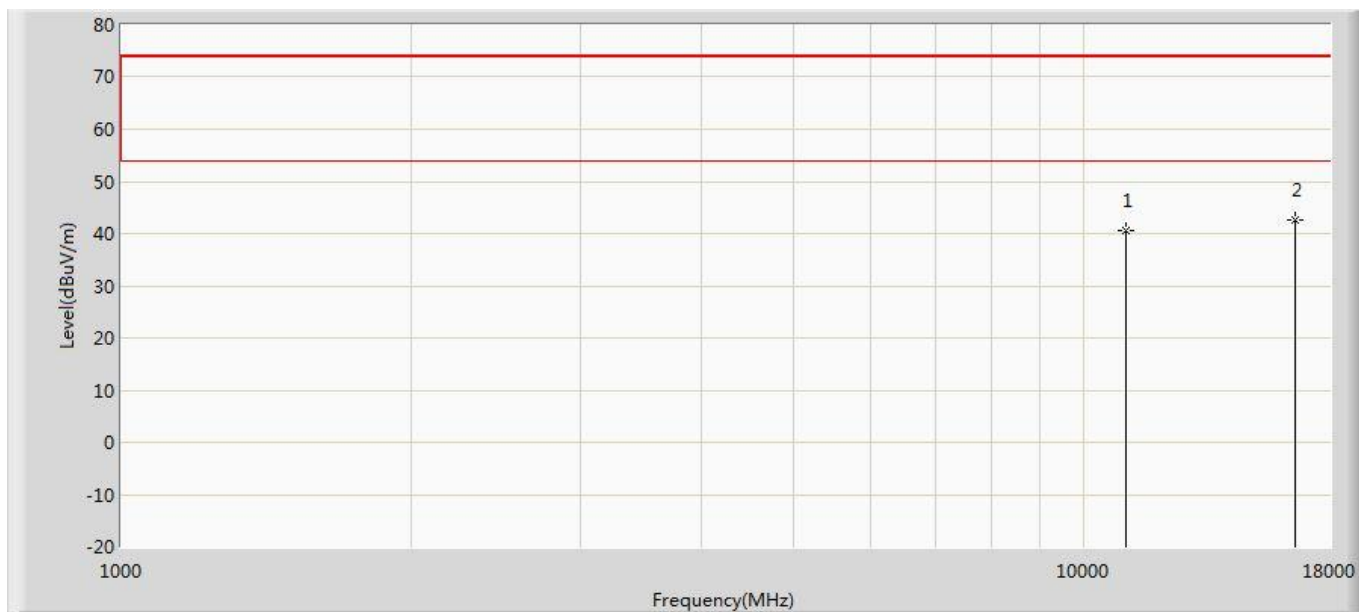
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10580.000	40.328	38.934	-33.672	74.000	1.395	PK
2	*	15870.000	42.405	34.918	-31.595	74.000	7.487	PK

Profile: 2140225R	Page No.: 228
Engineer: Juliuszhou	
Site: AC5	Time: 2021/04/23 - 22:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Computer BOX	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5290MHz by 802.11ac(80MHz)	



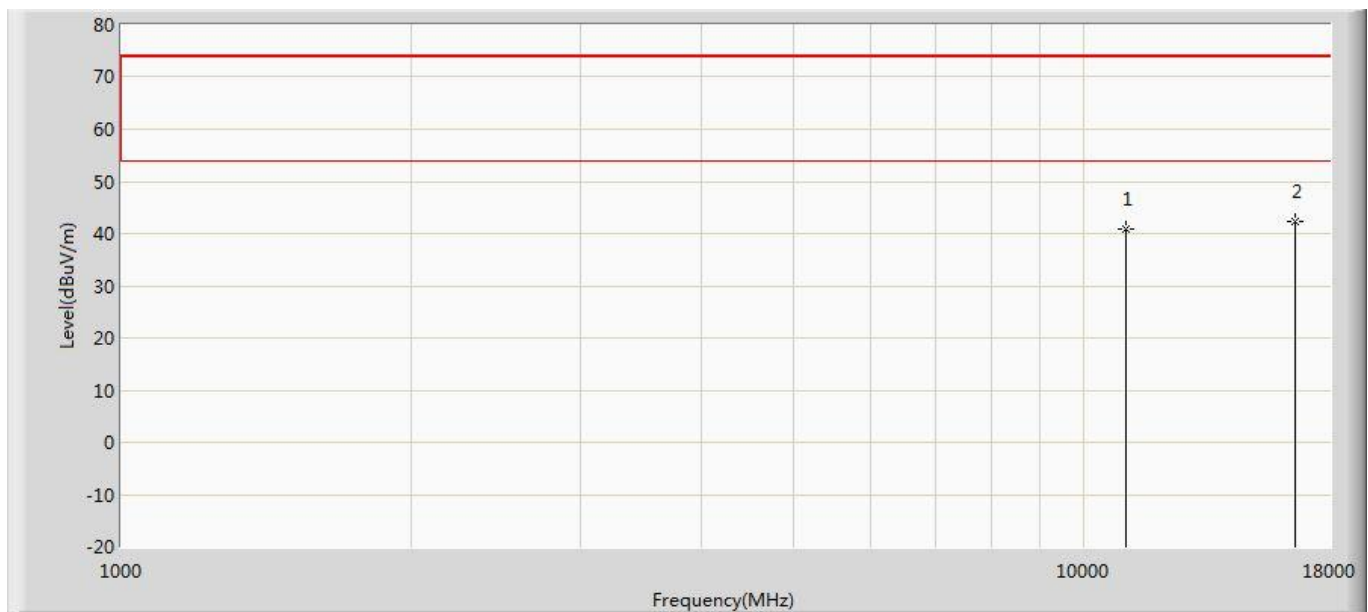
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10580.000	38.794	37.400	-35.206	74.000	1.395	PK
2	*	15870.000	44.804	37.317	-29.196	74.000	7.487	PK

Profile: 2140225R	Page No.: 229
Engineer: Juliuszhou	
Site: AC5	Time: 2021/04/23 - 22:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Computer BOX	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5530MHz by 802.11ac(80MHz)	



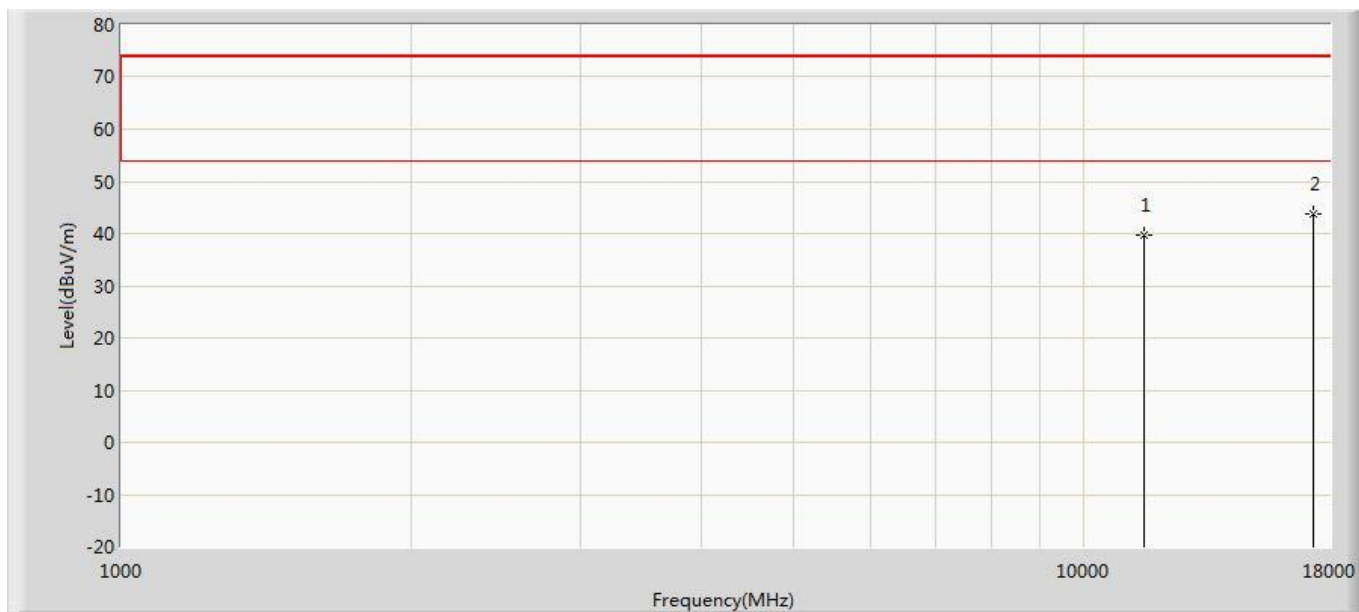
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11060.000	40.495	38.886	-33.505	74.000	1.608	PK
2	*	16590.000	42.675	35.686	-31.325	74.000	6.990	PK

Profile: 2140225R	Page No.: 230
Engineer: Juliuszhou	
Site: AC5	Time: 2021/04/23 - 22:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Computer BOX	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5530MHz by 802.11ac(80MHz)	



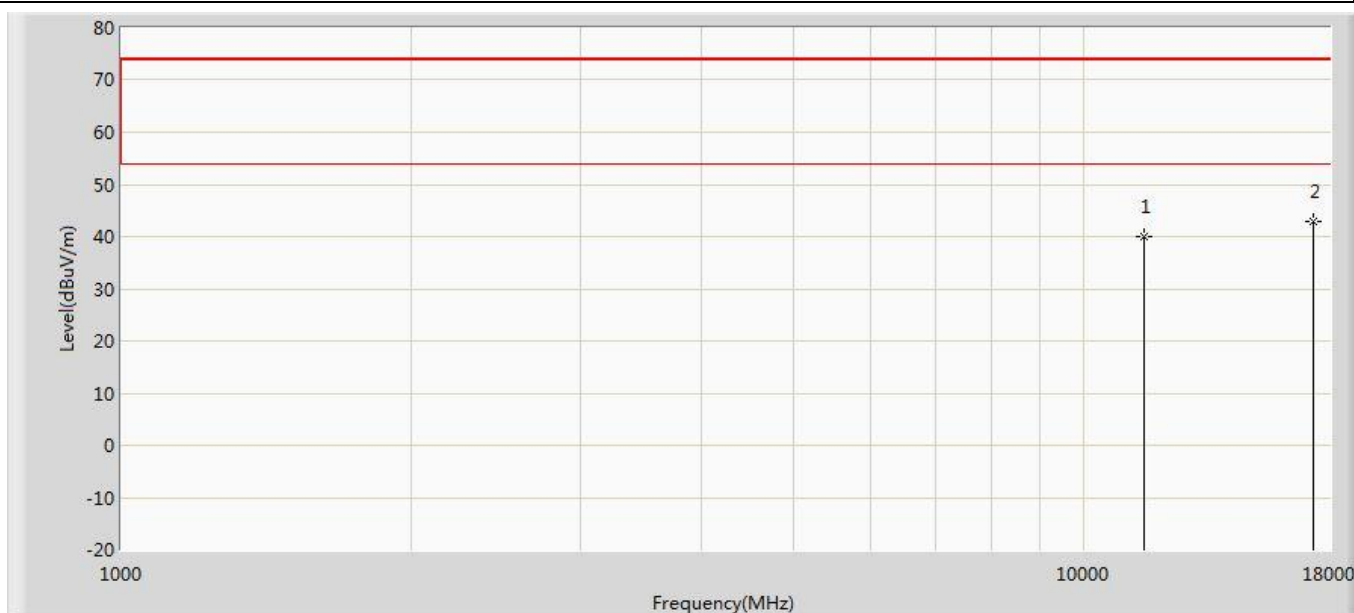
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11060.000	40.946	39.337	-33.054	74.000	1.608	PK
2	*	16590.000	42.319	35.330	-31.681	74.000	6.990	PK

Profile: 2140225R	Page No.: 231
Engineer: Juliuszhou	
Site: AC5	Time: 2021/04/23 - 22:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Computer BOX	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5775MHz by 802.11ac(80MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11550.000	39.686	36.868	-34.314	74.000	2.817	PK
2	*	17325.000	43.636	36.373	-30.364	74.000	7.263	PK

Profile: 2140225R	Page No.: 232
Engineer: Juliuszhou	
Site: AC5	Time: 2021/04/23 - 22:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Computer BOX	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5775MHz by 802.11ac(80MHz)	



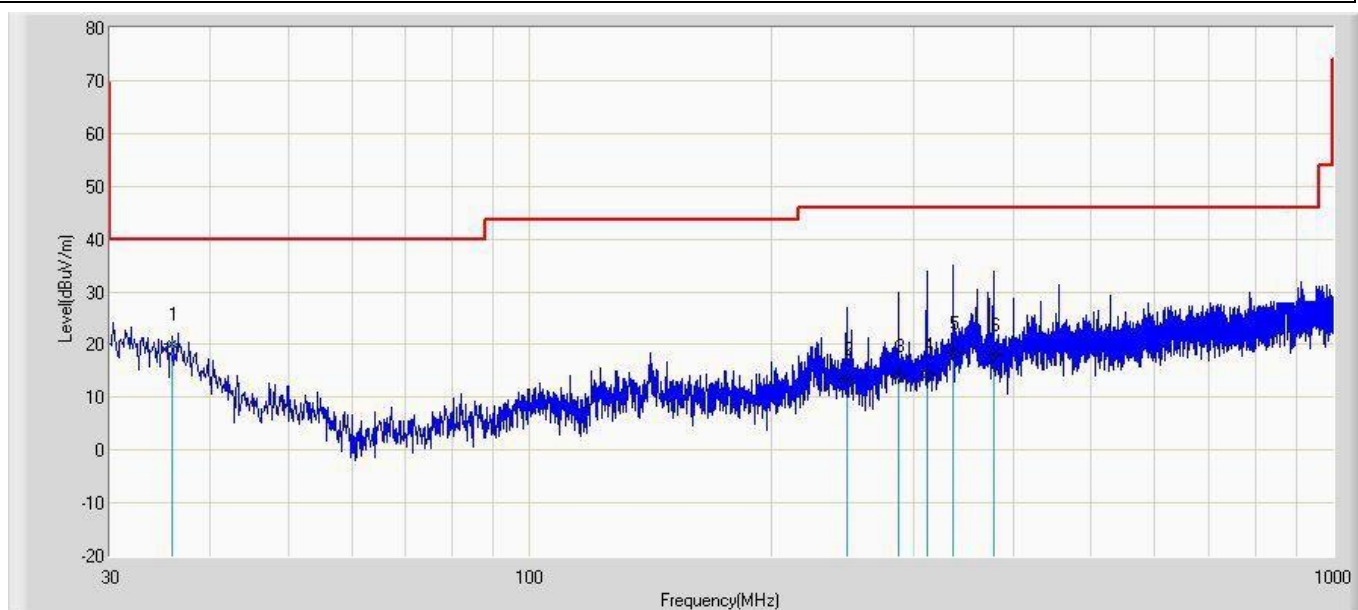
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11550.000	40.131	37.313	-33.869	74.000	2.817	PK
2	*	17325.000	42.964	35.701	-31.036	74.000	7.263	PK

Note:

1. We have evaluated both SISO and CDD mode, shown in the report is the worst data.
2. Measured Level = Reading Level + Factor.
3. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
5. As the radiated emission was performed, so conducted emission was not tested.

The worst case of Radiated Emission below 1GHz:

Profile: 2140225R	Page No.: 12
Engineer: Julius zhou	
Site: AC3	Time: 2021/04/27 - 22:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: AC3_3m (30-1000MHz)	Polarity: Horizontal
EUT: Computer BOX	Power: AC 120V/60Hz
Note: Mode 1	

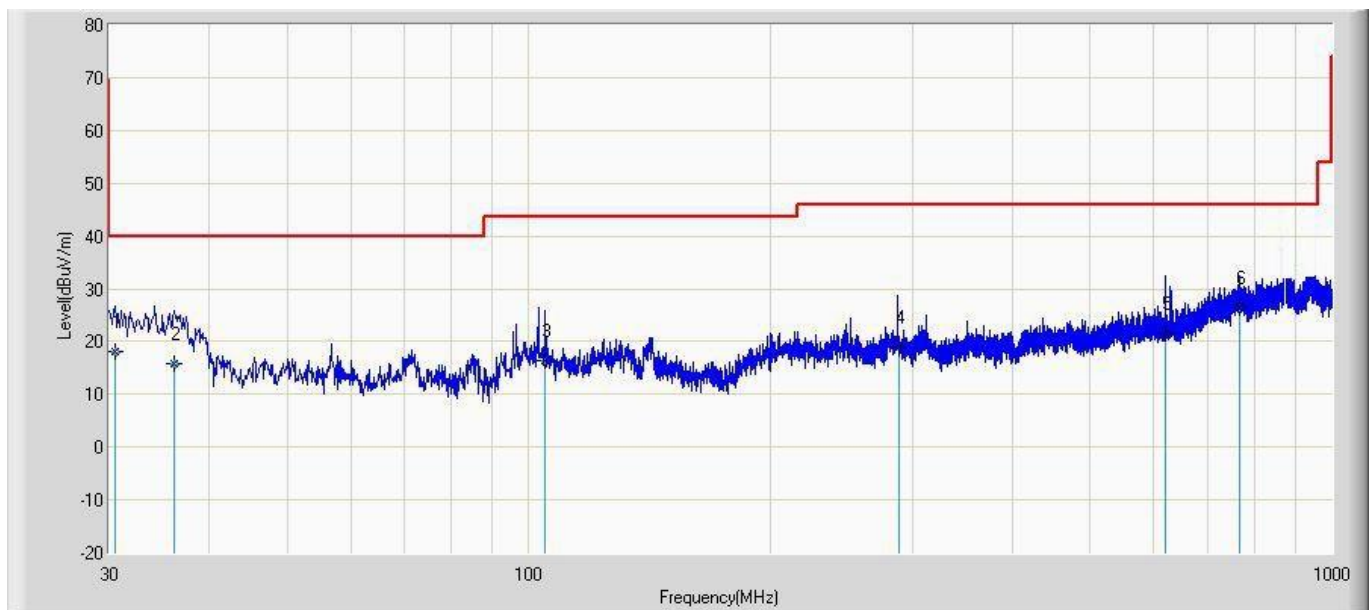


N o	Mar k	Frequen cy (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1	*	35.800	20.006	-5.630	-19.994	40.000	25.636	100	52	QP
2		248.122	13.477	-4.520	-32.523	46.000	17.996	100	46	QP
3		288.021	14.180	-6.520	-31.820	46.000	20.700	100	72	QP
4		311.950	14.467	-6.520	-31.533	46.000	20.987	100	4	QP
5		335.988	18.452	-4.520	-27.548	46.000	22.971	100	73	QP
6		377.520	18.175	-5.520	-27.825	46.000	23.695	100	45	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Profile: 2140225R	Page No.: 17
Engineer: Julius zhou	
Site: AC3	Time: 2021/04/27 - 22:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: AC3_3m (30-1000MHz)	Polarity: Vertical
EUT: Computer BOX	Power: AC 120V/60Hz
Note: Mode 1	



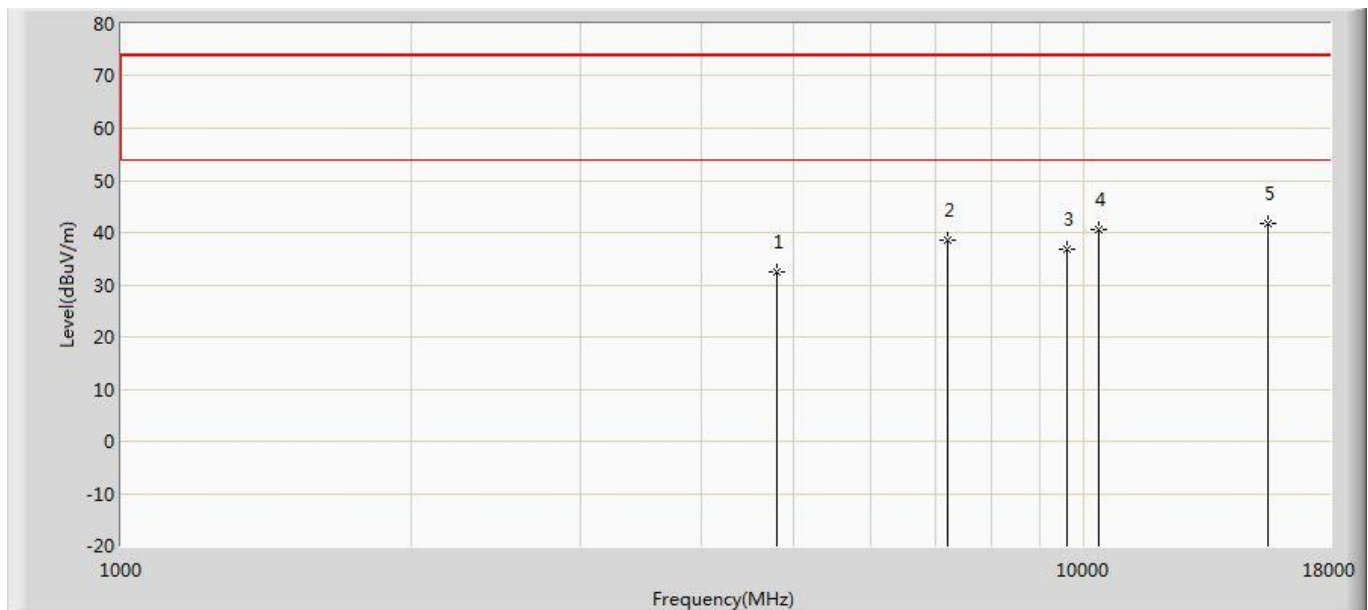
N o	Mar k	Frequen cy (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1		30.488	18.217	-5.600	-21.783	40.000	23.817	100	73	QP
2		36.185	15.887	-5.900	-24.113	40.000	21.787	100	45	QP
3		104.711	16.299	-5.630	-27.201	43.500	21.929	100	15	QP
4		288.630	18.869	-5.630	-27.131	46.000	24.499	100	2	QP
5		620.152	21.653	-5.630	-24.347	46.000	27.283	100	7	QP
6	*	767.550	26.485	-5.630	-19.515	46.000	32.115	100	73	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

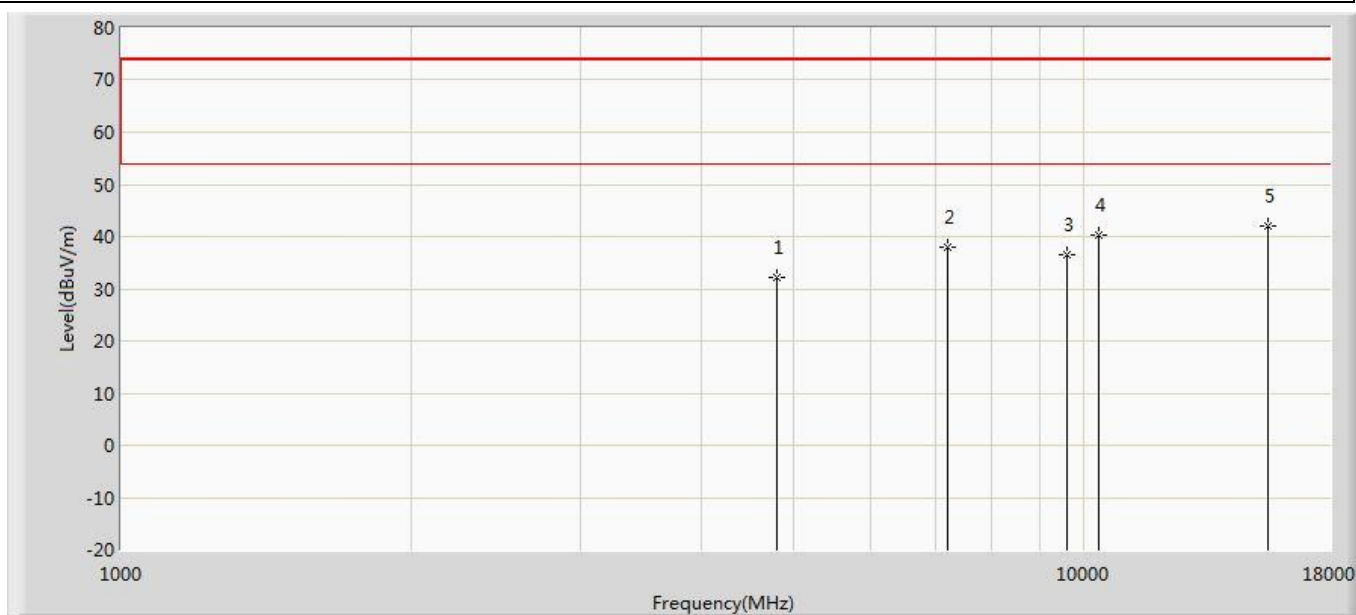
The worst case of Simultaneous Radiated Emission:

Profile: 2140225R	Page No.: 235
Engineer: Juliuszhou	
Site: AC5	Time: 2021/05/10 - 09:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Computer BOX	Power: AC 120V/60Hz
Note: Simultaneous transmission with BT + 5G WIFI	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	32.555	38.964	-41.445	74.000	-6.409	PK
2		7206.000	38.427	40.826	-35.573	74.000	-2.399	PK
3		9608.000	36.909	38.114	-37.091	74.000	-1.204	PK
4		10360.000	40.569	39.862	-33.431	74.000	0.707	PK
5	*	15540.000	41.746	36.422	-32.254	74.000	5.323	PK

Profile: 2140225R	Page No.: 236
Engineer: Juliuszhou	
Site: AC5	Time: 2021/05/10 - 09:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Computer BOX	Power: AC 120V/60Hz
Note: Simultaneous transmission with BT + 5G WIFI	



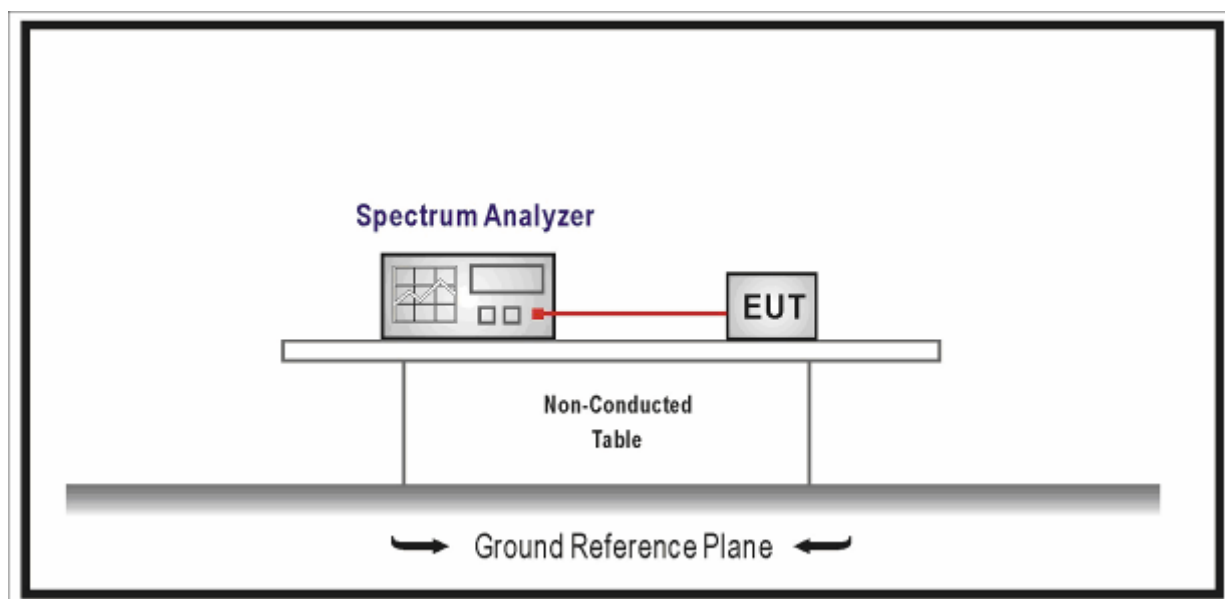
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	32.201	38.610	-41.799	74.000	-6.409	PK
2		7206.000	38.103	40.502	-35.897	74.000	-2.399	PK
3		9608.000	36.561	37.766	-37.439	74.000	-1.204	PK
4		10360.000	40.196	39.489	-33.804	74.000	0.707	PK
5	*	15540.000	42.095	36.771	-31.905	74.000	5.323	PK

5. Emission bandwidth and occupied bandwidth

5.1. Test Equipment

Emission bandwidth and occupied bandwidth / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2020.08.15	2021.08.14
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2021.03.20	2022.03.19
MXA Signal Analyzer	Keysight	N9020A	MY56060147	2020.08.15	2021.08.14
4TX MIMO Power Sensor	Keysight	X8750A	MY59400102	2021.02.11	2022.02.10
Coaxial Cable	Woken	SFL402	F02-150410-044	2021.01.01	2021.12.31
Temperature/Humidity Meter	RTS	RTS-8S	RF08	2020.08.13	2021.08.12
Note: All equipment is calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

5.2. Test Setup



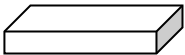
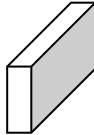
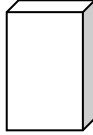
5.3. Limit

N/A

5.4. Test Procedure

Test Method			
	References Rule	Chapter	Description
☐	ANSI C63.10	12.4	Emission bandwidth and occupied bandwidth
	☐ ANSI C63.10	12.4.1	Emission bandwidth (26dB)
	☐ ANSI C63.10	12.4.2	Occupied bandwidth (99%)
☒	FCC KDB 789033 D02v02r01	C	Bandwidth Measurement
	☒ FCC KDB 789033 D02v02r01	C.1	Emission Bandwidth (26dB)
	☐ FCC KDB 789033 D02v02r01	C.2	Minimum Emission Bandwidth for the band 5.725-5.85 GHz (6dB)
☒	FCC KDB 789033 D02v02r01	D	99 Percent Occupied Bandwidth

5.5. EUT test Axis definition

Item	Occupied bandwidth				
Device Category	☐	Indoor use			
	☐	Outdoor use			
	☐	Fix position use			
	☒	Client use			
Test mode	Mode 1-6				
Test method	☐	Radiated			
		X Axis	Y Axis	Z Axis	
					
		Worst Axis ☐	Worst Axis ☐	Worst Axis ☐	
	☒	Conducted			
	☒	Chain 1			
					
	☒	Chain 1	Chain 2		
					
	☐	Chain 1	Chain 2	Chain 3	
					
	☐	Chain 1	Chain 2	Chain 3	Chain 4
					

5.6. Test Result

Product Name	:	Computer BOX
Test Mode	:	Mode 1-6

Mode 1: Transmit by 802.11a					
Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
CH36	5180	21.09	16.843	5171.5785	Pass
CH44	5220	21	16.775	N/A	Pass
CH48	5240	21.07	16.694	5248.347	Pass
CH52	5260	21.31	16.74	N/A	Pass
CH60	5300	20.79	16.787	N/A	Pass
CH64	5320	20.73	16.728	N/A	Pass
CH100	5500	21.1	16.841	N/A	Pass
CH116	5580	21.29	16.8	N/A	Pass
CH140	5700	21.06	16.799	N/A	Pass

Mode 2: Transmit by 802.11n(20MHz)					
Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
CH36	5180	21.25	17.829	5171.0855	Pass
CH44	5220	20.91	17.868	N/A	Pass
CH48	5240	20.9	17.867	5248.9335	Pass
CH52	5260	20.83	17.829	N/A	Pass
CH60	5300	21.21	17.813	N/A	Pass
CH64	5320	21.05	17.845	N/A	Pass
CH100	5500	21.05	17.944	N/A	Pass
CH116	5580	21.17	17.873	N/A	Pass
CH140	5700	20.9	17.812	N/A	Pass

Mode 3: Transmit by 802.11n(40MHz)

Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
CH38	5190	39.75	36.261	5171.87	Pass
CH46	5230	39.6	36.164	5248.082	Pass
CH54	5270	39.46	36.087	N/A	Pass
CH62	5310	39.2	36.106	N/A	Pass
CH102	5510	39.41	36.332	N/A	Pass
CH134	5670	39.24	36.305	N/A	Pass

Mode 4: Transmit by 802.11ac(20MHz)

Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
CH36	5180	20.84	17.842	5171.079	Pass
CH44	5220	21.23	17.819	N/A	Pass
CH48	5240	20.86	17.819	5248.9095	Pass
CH52	5260	21.01	17.856	N/A	Pass
CH60	5300	21.27	17.818	N/A	Pass
CH64	5320	20.56	17.777	N/A	Pass
CH100	5500	20.99	17.818	N/A	Pass
CH116	5580	21.1	17.84	N/A	Pass
CH140	5700	21.33	17.775	N/A	Pass

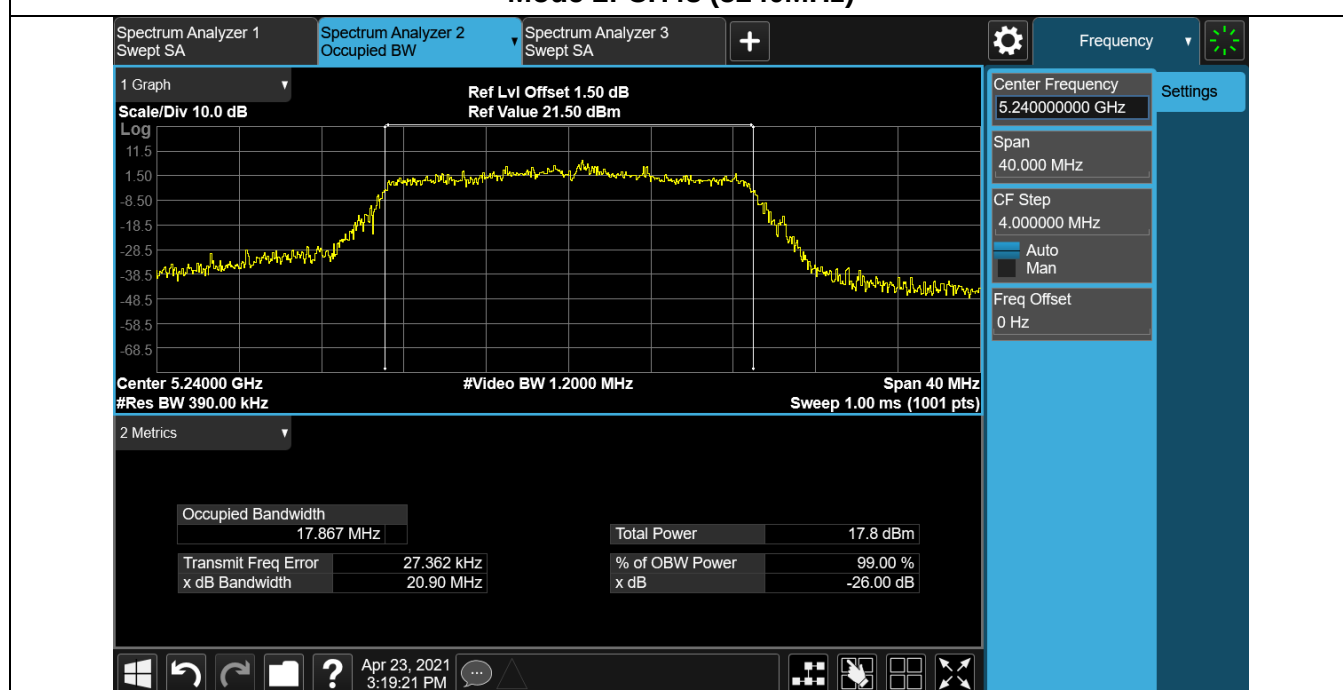
Mode 5: Transmit by 802.11ac(40MHz)

Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
CH38	5190	39.58	36.141	5171.9295	Pass
CH46	5230	39.24	36.211	5248.1055	Pass
CH54	5270	39.72	36.331	N/A	Pass
CH62	5310	39.13	36.159	N/A	Pass
CH102	5510	39.85	36.166	N/A	Pass
CH134	5670	39.15	36.154	N/A	Pass

Mode 6: Transmit by 802.11ac(80MHz)

Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Lower/Higher Frequency (MHz)	Result
CH42	5210	80.78	75.43	5172.285/5247.715	Pass
CH58	5290	80.89	75.475	N/A	Pass
CH106	5530	82.86	75.271	N/A	Pass

The worst case of Occupied Bandwidth as below:

Mode 2: CH48 (5240MHz)

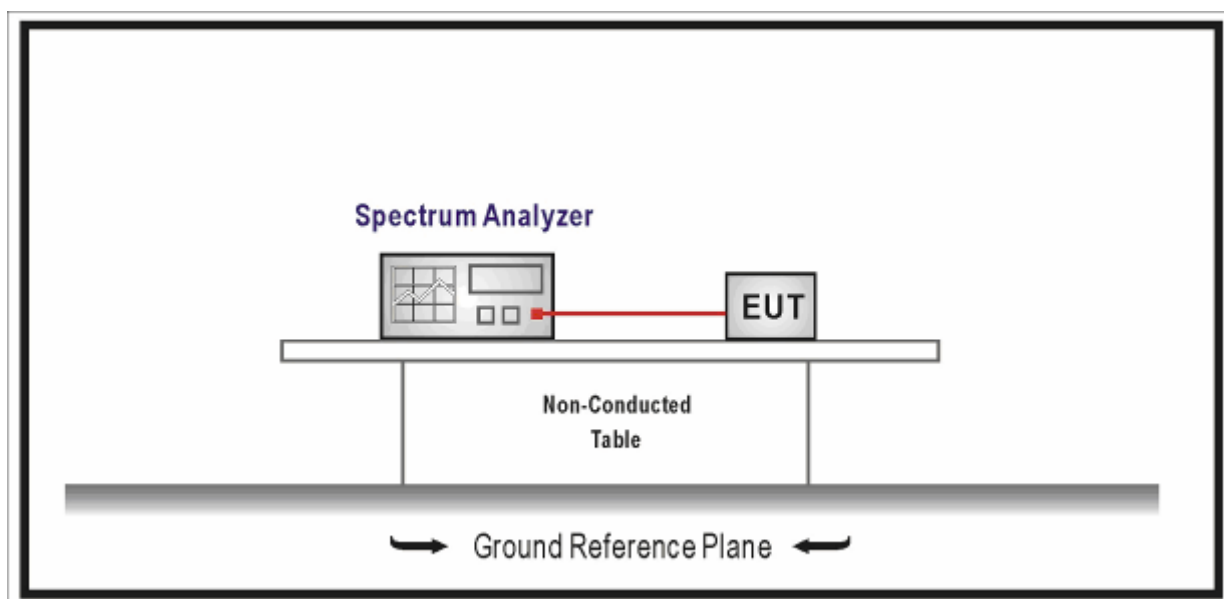
6. 6dB bandwidth

6.1. Test Equipment

6dB bandwidth / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2020.08.15	2021.08.14
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2021.03.20	2022.03.19
MXA Signal Analyzer	Keysight	N9020A	MY56060147	2020.08.15	2021.08.14
4TX MIMO Power Sensor	Keysight	X8750A	MY59400102	2021.02.11	2022.02.10
Coaxial Cable	Woken	SFL402	F02-150410-044	2021.01.01	2021.12.31
Temperature/Humidity Meter	RTS	RTS-8S	RF08	2020.08.13	2021.08.12

Note: All equipment is calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

6.2. Test Setup



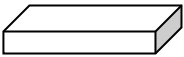
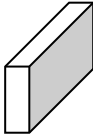
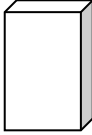
6.3. Limit

> 500 kHz

6.4. Test Procedure

Test Method			
	References Rule	Chapter	Description
☐	ANSI C63.10	12.4	Emission bandwidth and occupied bandwidth
	☐ ANSI C63.10	12.4.1	Emission bandwidth (26dB)
	☐ ANSI C63.10	12.4.2	Occupied bandwidth (99%)
☒	FCC KDB 789033 D02v02r01	C	Bandwidth Measurement
	☐ FCC KDB 789033 D02v02r01	C.1	Emission Bandwidth (26dB)
	☒ FCC KDB 789033 D02v02r01	C.2	Minimum Emission Bandwidth for the band 5.725-5.85 GHz (6dB)
☐	FCC KDB 789033 D02v02r01	D	99 Percent Occupied Bandwidth

6.5. EUT test Axis definition

Item	6dB bandwidth				
Device Category	☐	Indoor use			
	☐	Outdoor use			
	☐	Fix position use			
	☒	Client use			
Test mode	Mode 1-6				
Test method	☐	Radiated			
		X Axis	Y Axis	Z Axis	
					
		Worst Axis ☐	Worst Axis ☐	Worst Axis ☐	
	☒	Conducted			
	☒	Chain 1			
					
	☒	Chain 1	Chain 2		
					
	☐	Chain 1	Chain 2	Chain 3	
					
	☐	Chain 1	Chain 2	Chain 3	Chain 4
					

6.6. Test Result

Product Name	:	Computer BOX
Test Mode	:	Mode 1-6

Mode 1: Transmit by 802.11a				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
149	5745	16.31	>500	Pass
157	5785	16.32		Pass
165	5825	16.33		Pass
Mode 2: Transmit by 802.11n(20MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
149	5745	16.94	>500	Pass
157	5785	16.96		Pass
165	5825	16.35		Pass
Mode 3: Transmit by 802.11n(40MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
151	5755	36.37	>500	Pass
159	5795	36.12		Pass
Mode 4: Transmit by 802.11ac(20MHz)				
Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
149	5745	17.58	>500	Pass
157	5785	17.16		Pass
165	5825	17.57		Pass

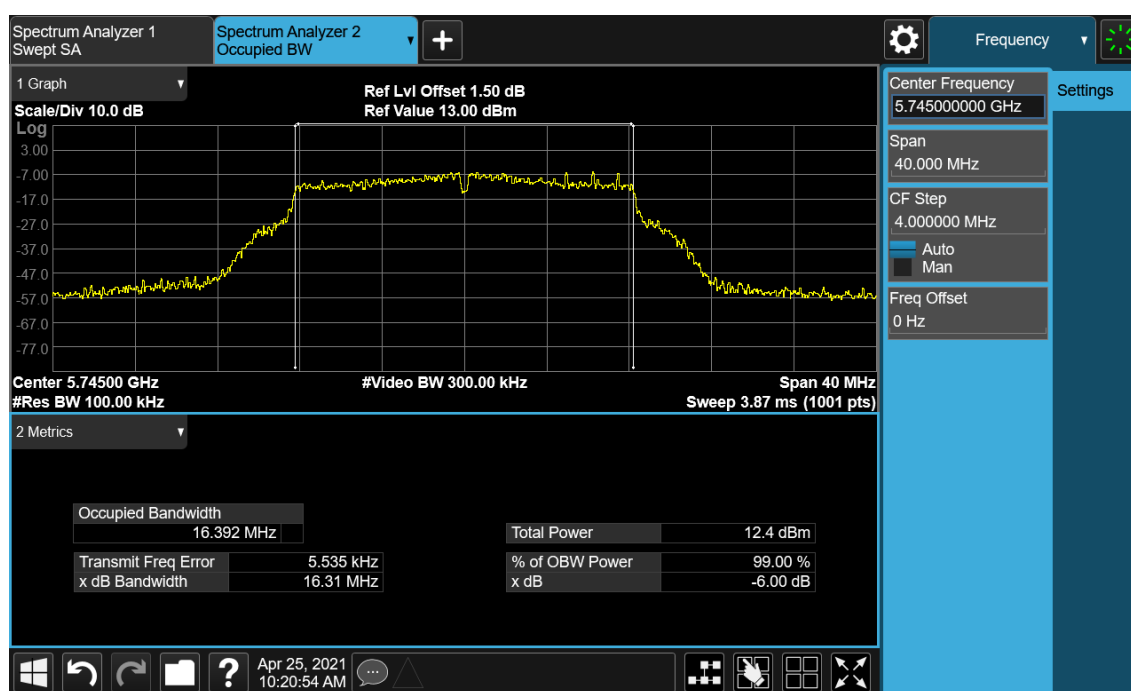
Mode 5: Transmit by 802.11ac(40MHz)

Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
151	5755	35.89	>500	Pass
159	5795	36.08		Pass

Mode 6: Transmit by 802.11ac(80MHz)

Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
155	5775	75.42	>500	Pass

The worst case of 6dB Bandwidth as below:

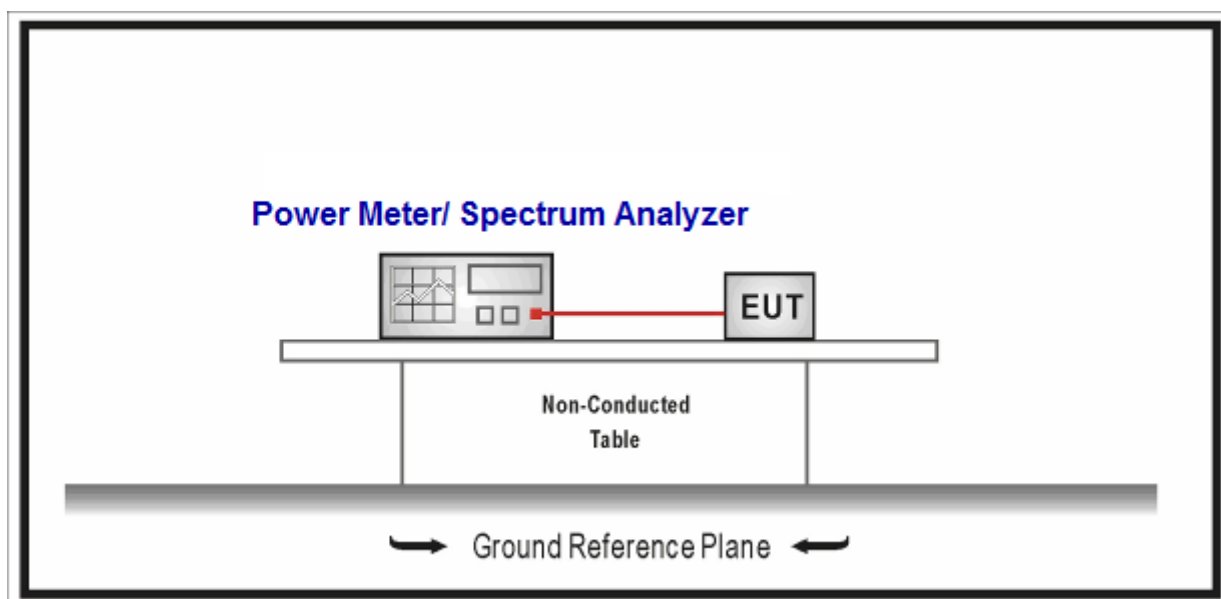
Mode 1: CH149 (5745MHz)

7. Power Output

7.1. Test Equipment

Power Output / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2020.08.15	2021.08.14
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2021.03.20	2022.03.19
MXA Signal Analyzer	Keysight	N9020A	MY56060147	2020.08.15	2021.08.14
4TX MIMO Power Sensor	Keysight	X8750A	MY59400102	2021.02.11	2022.02.10
Coaxial Cable	Woken	SFL402	F02-150410-044	2021.01.01	2021.12.31
Temperature/Humidity Meter	RTS	RTS-8S	RF08	2020.08.13	2021.08.12
Note: All equipment is calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

7.2. Test Setup



7.3. Limit

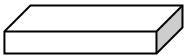
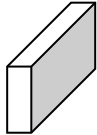
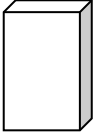
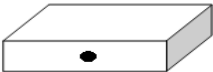
Fundamental emission output power Limit		
☒	For the band 5.15-5.25 GHz	
	☐	Outdoor access point: the maximum conducted output power shall not exceed 1 W. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 30 - (G_{TX} - 6)$ and $\leq 125\text{mW}$ at any angle above 30 degrees
	☐	Indoor access point: the maximum conducted output power shall not exceed 1 W. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 30 - (G_{TX} - 6)$
	☐	Fixed point-to-point access points: the maximum conducted output power shall not exceed 1 W. If $G_{TX} > 23\text{dBi}$, then $P_{out} \leq 30 - (G_{TX} - 23)$
	☒	Mobile and portable client devices: the maximum conducted output power shall not exceed 250mW. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 24 - (G_{TX} - 6)$
☒	For the band 5.25-5.35 GHz:	
	☒	The maximum conducted output power shall not exceed 250mW or $11\text{dBm} + 10 \text{ Log } B$, where B is the 26dB emission bandwidth in MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq (\text{The lesser of } 24 \text{ or } 11\text{dBm} + 10 \text{ Log } B) - (G_{TX} - 6)$
☒	For the 5.47-5.725 GHz:	
	☒	The maximum conducted output power shall not exceed 250mW or $11\text{dBm} + 10 \text{ Log } B$, where B is the 26dB emission bandwidth in MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq (\text{The lesser of } 24 \text{ or } 11\text{dBm} + 10 \text{ Log } B) - (G_{TX} - 6)$
☒	For the band 5.725-5.85 GHz:	
	☒	The maximum conducted output power over the frequency band of operation shall not exceed 1 W. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 30 - (G_{TX} - 6)$
Note 1 : G_{TX} directional gain of transmitting antennas.		
Note 2 : P_{out} is maximum peak conducted output power .		

7.4. Test Procedure

Fundamental emission output power Test Method					
	References Rule		Chapter	Description	
☒	ANSI C63.10		12.3	Maximum conducted output power	
	☐	ANSI C63.10	12.3.2	Maximum conducted output power measurement using a spectrum analyzer (SA) or EMI receiver	
		☐	ANSI C63.10	12.3.2.2	Method SA-1
		☐	ANSI C63.10	12.3.2.3	Method SA-1A (alternative)
		☐	ANSI C63.10	12.3.2.4	Method SA-2
		☐	ANSI C63.10	12.3.2.5	Method SA-2A (alternative)
		☐	ANSI C63.10	12.3.2.6	Method SA-3
		☐	ANSI C63.10	12.3.2.7	Method SA-3A (alternative)
	☒	ANSI C63.10	12.3.3	Maximum conducted output power using a power meter	
		☐	ANSI C63.10	12.3.3.1	Method PM
		☒	ANSI C63.10	12.3.3.2	Method PM-G

Directional Gain Calculations for In-Band test method			
	References Rule		Chapter Description
☐	KDB 662911		F2)a) Basic methodology
	☐	KDB 662911	F2)a) (i) transmit signals are correlated
	☐	KDB 662911	F2)a) (ii) transmit signals are uncorrelated
☐	KDB 662911		F2)b) Sectorized antenna systems.
☐	KDB 662911		F2)c) Cross-polarized antennas
	☐	ANSI C63.10	F2)c) (i) Cross-polarized antennas
	☐	ANSI C63.10	F2)c) (ii) Multiple antennas
☐	KDB 662911		F2)e) Spatial stream
	☐	KDB 662911	F2)e) (i) Antennas have the same gain
	☐	KDB 662911	F2)e) (ii) Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)e) (iii) Antenna have the different gain with more than one spatial stream
☒	KDB 662911		F2)f) Cyclic Delay Diversity (CDD)
	☒	KDB 662911	F2)f) (i) Antennas have the same gain
	☐	KDB 662911	F2)f) (ii) Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)f) (iii) Antenna have the different gain with more than one spatial stream

7.5. EUT test Axis definition

Item	output power				
Device Category	☐	Indoor use			
	☐	Outdoor use			
	☐	Fix position use			
	☒	Client use			
Test mode	Mode 1-6				
Test method	☐	Radiated			
		X Axis	Y Axis	Z Axis	
					
		Worst Axis ☐	Worst Axis ☐	Worst Axis ☐	
	☒	Conducted			
	☒	Chain 1			
					
	☒	Chain 1	Chain 2		
					
	☐	Chain 1	Chain 2	Chain 3	
					
	☐	Chain 1	Chain 2	Chain 3	Chain 4
					

7.6. Test Result

Pass

The test data please refer to the files attached.

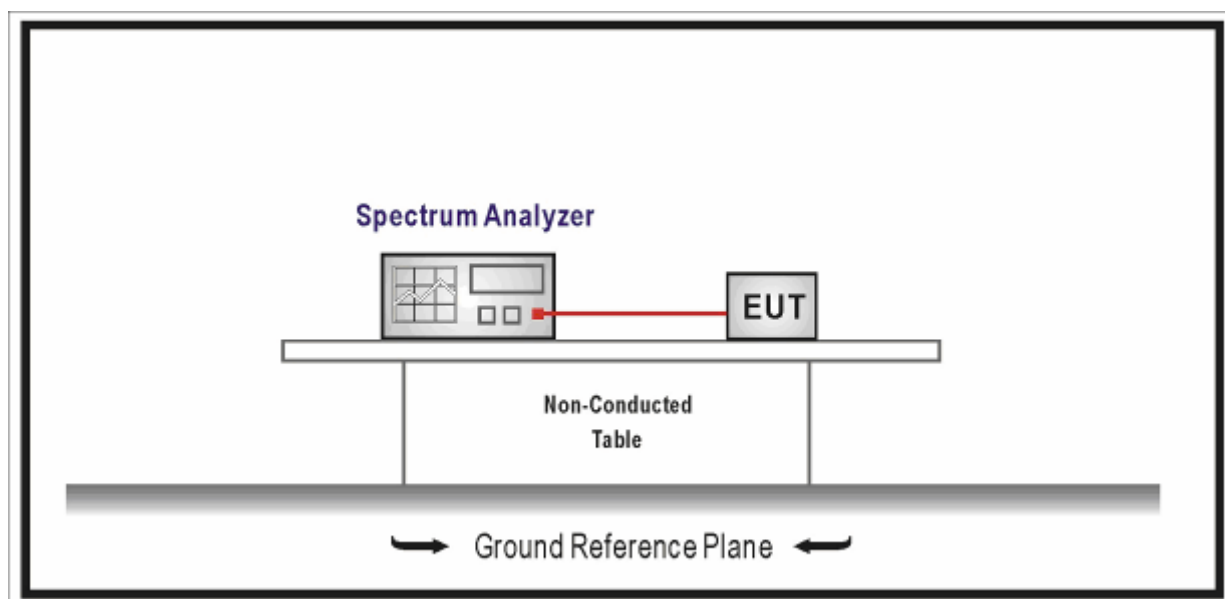
Appendix 1: 5GHz FCC RF output power

8. Maximum Power Spectral Density

8.1. Test Equipment

Maximum Power Spectral Density / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2020.08.15	2021.08.14
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2021.03.20	2022.03.19
MXA Signal Analyzer	Keysight	N9020A	MY56060147	2020.08.15	2021.08.14
4TX MIMO Power Sensor	Keysight	X8750A	MY59400102	2021.02.11	2022.02.10
Coaxial Cable	Woken	SFL402	F02-150410-044	2021.01.01	2021.12.31
Temperature/Humidity Meter	RTS	RTS-8S	RF08	2020.08.13	2021.08.12
Note: All equipment is calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

8.2. Test Setup



8.3. Limit

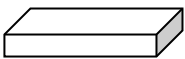
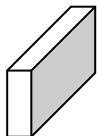
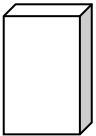
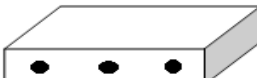
Maximum power spectral density Limit	
☒	For the band 5.15-5.25 GHz
☐	Outdoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 17 - (G_{TX} - 6)$
☐	Indoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 17 - (G_{TX} - 6)$
☐	Fixed point-to-point access points: the maximum power spectral density shall not exceed 17 dBm/MHz. If $G_{TX} > 23\text{dBi}$, then $P_{out} \leq 17 - (G_{TX} - 23)$
☒	Mobile and portable client devices: the maximum power spectral density shall not exceed 11 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 11 - (G_{TX} - 6)$
☒	For the 5.25-5.35 GHz:
☒	The maximum power spectral density shall not exceed 11 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 11 - (G_{TX} - 6)$
☒	For the 5.47-5.725 GHz:
☒	The maximum power spectral density shall not exceed 11 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 11 - (G_{TX} - 6)$
☒	For the band 5.725-5.85 GHz:
☒	The maximum power spectral density shall not exceed 30 dBm/500KHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 30 - (G_{TX} - 6)$
Note 1: G_{TX} directional gain of transmitting antennas.	
Note 2: P_{out} is maximum power spectral density.	

Directional Gain Calculations for In-Band test method				
	References Rule		Chapter	Description
☐	KDB 662911		F2)a)	Basic methodology
	☐	KDB 662911	F2)a) (i)	transmit signals are correlated
	☐	KDB 662911	F2)a) (ii)	transmit signals are uncorrelated
☐	KDB 662911		F2)b)	Sectorized antenna systems.
☐	KDB 662911		F2)c)	Cross-polarized antennas
	☐	ANSI C63.10	F2)c) (i)	Cross-polarized antennas
	☐	ANSI C63.10	F2)c) (ii)	Multiple antennas
☐	KDB 662911		F2)e)	Spatial stream
	☐	KDB 662911	F2)e) (i)	Antennas have the same gain
	☐	KDB 662911	F2)e) (ii)	Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)e) (iii)	Antenna have the different gain with more than one spatial stream
☒	KDB 662911		F2)f)	Cyclic Delay Diversity (CDD)
	☒	KDB 662911	F2)f) (i)	Antennas have the same gain
	☐	KDB 662911	F2)f) (ii)	Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)f) (iii)	Antenna have the different gain with more than one spatial stream

8.4. Test Procedure

Fundamental emission output power Test Method			
	References Rule	Chapter	Description
☒	ANSI C63.10	12.5	Peak power spectral density
☒	FCC KDB 789033 D02v02r01	F	Maximum Power Spectral Density (PSD)

8.5. EUT test Axis definition

Item	Power Spectral Density				
Device Category	☐	Indoor use			
	☐	Outdoor use			
	☐	Fix position use			
	☒	Client use			
Test mode	Mode 1-6				
Test method	☐	Radiated			
		X Axis	Y Axis	Z Axis	
					
		Worst Axis ☐	Worst Axis ☐	Worst Axis ☐	
	☒	Conducted			
	☒	Chain 1			
					
	☒	Chain 1	Chain 2		
					
	☐	Chain 1	Chain 2	Chain 3	
					
	☐	Chain 1	Chain 2	Chain 3	Chain 4
					

8.6. Test Result

Product Name	:	Computer BOX
Test Mode	:	Mode 1~6

Mode 1: Transmit by 802.11a with CDD						
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)	Duty factor	Total Measurement PSD (dBm/MHz)	Limit (dBm/MHz)	Result
		Worst Chain				
CH36	5180	-0.181	0.334	3.153	11	Pass
CH44	5220	-0.288	0.334	3.046	11	Pass
CH48	5240	-0.767	0.334	2.567	11	Pass
CH52	5260	3.755	0.334	7.089	11	Pass
CH60	5300	3.674	0.334	7.008	11	Pass
CH64	5320	3.81	0.334	7.144	11	Pass
CH100	5500	4.375	0.334	7.709	11	Pass
CH116	5580	3.667	0.334	7.001	11	Pass
CH140	5700	2.617	0.334	5.951	11	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)	Duty factor	Total Measurement PSD (dBm/500KHz)	Limit (dBm/500KHz)	Result
		Worst Chain				
CH149	5745	-6.386	0.334	-3.052	30	Pass
CH157	5785	-6.443	0.334	-3.109	30	Pass
CH165	5825	-7.494	0.334	-4.16	30	Pass

Mode 2: Transmit by 802.11n(20MHz) with CDD

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)	Duty factor	Total Measurement PSD (dBm/MHz)	Limit (dBm/MHz)	Result
		Worst Chain				
CH36	5180	-0.655	0.101	2.446	11	Pass
CH44	5220	-0.271	0.101	2.83	11	Pass
CH48	5240	-0.364	0.101	2.737	11	Pass
CH52	5260	3.737	0.101	6.838	11	Pass
CH60	5300	3.897	0.101	6.998	11	Pass
CH64	5320	3.816	0.101	6.917	11	Pass
CH100	5500	4.314	0.101	7.415	11	Pass
CH116	5580	4.018	0.101	7.119	11	Pass
CH140	5700	2.914	0.101	6.015	11	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)	Duty factor	Total Measurement PSD (dBm/500KHz)	Limit (dBm/500KHz)	Result
		Worst Chain				
CH149	5745	-6.017	0.101	-2.916	30	Pass
CH157	5785	-6.423	0.101	-3.322	30	Pass
CH165	5825	-7.203	0.101	-4.102	30	Pass

Mode 3: Transmit by 802.11n(40MHz) with CDD

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)	Duty factor	Total Measurement PSD (dBm/MHz)	Limit (dBm/MHz)	Result
		Worst Chain				
CH38	5190	-0.34	0.191	2.851	11	Pass
CH46	5230	-0.377	0.191	2.814	11	Pass
CH54	5270	-0.509	0.191	2.682	11	Pass
CH62	5310	-0.682	0.191	2.509	11	Pass
CH102	5510	-1.203	0.191	1.988	11	Pass
CH134	5670	-0.031	0.191	3.16	11	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)	Duty factor	Total Measurement PSD (dBm/500KHz)	Limit (dBm/500KHz)	Result
		Worst Chain				
CH151	5755	-9.276	0.191	-6.085	30	Pass
CH159	5795	-9.321	0.191	-6.13	30	Pass

Mode 4: Transmit by 802.11ac(20MHz) with CDD

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)	Duty factor	Total Measurement PSD (dBm/MHz)	Limit (dBm/MHz)	Result
		Worst Chain				
CH36	5180	-0.515	0.101	2.586	11	Pass
CH44	5220	-0.369	0.101	2.732	11	Pass
CH48	5240	-0.535	0.101	2.566	11	Pass
CH52	5260	3.645	0.101	6.746	11	Pass
CH60	5300	3.919	0.101	7.02	11	Pass
CH64	5320	3.559	0.101	6.66	11	Pass
CH100	5500	4.352	0.101	7.453	11	Pass
CH116	5580	3.947	0.101	7.048	11	Pass
CH140	5700	2.804	0.101	5.905	11	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)	Duty factor	Total Measurement PSD (dBm/500KHz)	Limit (dBm/500KHz)	Result
		Worst Chain				
CH149	5745	-5.786	0.101	-2.685	30	Pass
CH157	5785	-5.288	0.101	-2.187	30	Pass
CH165	5825	-5.871	0.101	-2.77	30	Pass

Mode 5: Transmit by 802.11ac(40MHz) with CDD

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)	Duty factor	Total Measurement PSD (dBm/MHz)	Limit (dBm/MHz)	Result
		Worst Chain				
CH38	5190	-0.314	0.2	2.886	11	Pass
CH46	5230	-0.114	0.2	3.086	11	Pass
CH54	5270	-0.23	0.2	2.97	11	Pass
CH62	5310	-0.069	0.2	3.131	11	Pass
CH102	5510	-0.461	0.2	2.739	11	Pass
CH134	5670	-0.52	0.2	2.68	11	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)	Duty factor	Total Measurement PSD (dBm/500KHz)	Limit (dBm/500KHz)	Result
		Worst Chain				
CH151	5755	-9.48	0.2	-6.28	30	Pass
CH159	5795	-9.395	0.2	-6.195	30	Pass

Mode 6: Transmit by 802.11ac(80MHz) with CDD						
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)	Duty factor	Total Measurement PSD (dBm/MHz)	Limit (dBm/MHz)	Result
		Worst Chain				
CH42	5210	-5.248	0.334	-1.914	11	Pass
CH58	5290	-3.794	0.334	-0.46	11	Pass
CH106	5530	-3.844	0.334	-0.51	11	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)	Duty factor	Total Measurement PSD (dBm/500KHz)	Limit (dBm/500KHz)	Result
		Worst Chain				
CH155	5775	-11.571	0.334	-8.237	30	Pass

Note 1: We have evaluated both SISO and MIMO mode, shown in the report is the worst data.

Note 2: All the chains are tested for SISO and CDD mode and only the worst chain of the PSD was showed.

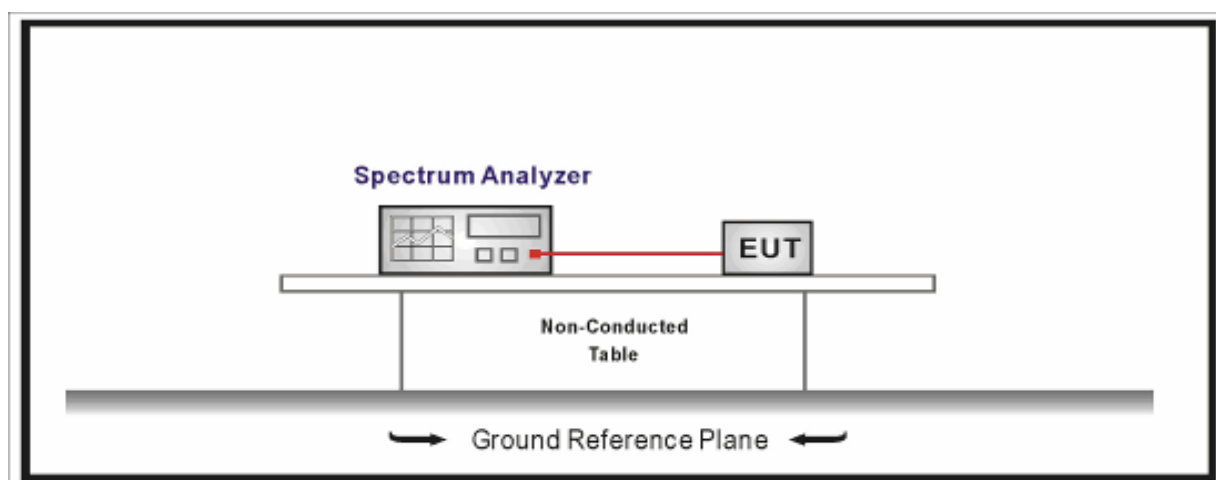
9. Band Edge

9.1. Test Equipment

Band Edge / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2020.08.15	2021.08.14
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2021.03.20	2022.03.19
MXA Signal Analyzer	Keysight	N9020A	MY56060147	2020.08.15	2021.08.14
4TX MIMO Power Sensor	Keysight	X8750A	MY59400102	2021.02.11	2022.02.10
Coaxial Cable	Woken	SFL402	F02-150410-044	2021.01.01	2021.12.31
Temperature/Humidity Meter	RTS	RTS-8S	RF08	2020.08.13	2021.08.12

Note: All equipment are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

9.2. Test Setup



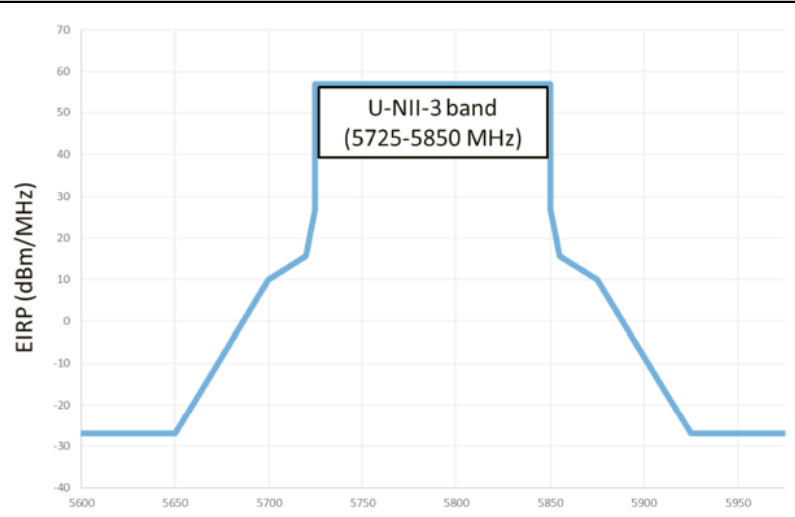
9.3. Limit

FCC Part 15 Subpart C Paragraph 15.209 (Restricted Band Emissions Limit)		
Frequency (MHz)	Distance (m)	Level (dBμV/m)
0.009-0.490	300	2400/F(kHz)
0.490-1.705	30	24000/F(kHz)
1.705-30.0	30	30
30-88	3	100**
88-216	3	150**
216-960	3	200**
Above 960	3	500

Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade).

Note 2: At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

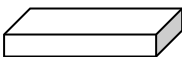
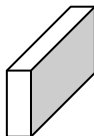
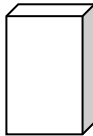
FCC Part 15 Subpart C Paragraph 15.205 (Restricted Band)			
Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)
0.090 – 0.110	16.42 – 16.423	399.9 – 410	4.5 – 5.15
0.495 – 0.505	16.69475 – 16.69525	608 – 614	5.35 – 5.46
2.1735 – 2.1905	16.80425 – 16.80475	960 – 1240	7.25 – 7.75
4.125 – 4.128	25.5 – 25.67	1300 – 1427	8.025 – 8.5
4.17725 – 4.17775	37.5 – 38.25	1435 – 1626.5	9.0 – 9.2
4.20725 – 4.20775	73 – 74.6	1645.5 – 1646.5	9.3 – 9.5
6.215 – 6.218	74.8 – 75.2	1660 – 1710	10.6 – 12.7
6.26775 – 6.26825	108 – 121.94	1718.8 – 1722.2	13.25 – 13.4
6.31175 – 6.31225	123 – 138	2200 – 2300	14.47 – 14.5
8.291 – 8.294	149.9 – 150.05	2310 – 2390	15.35 – 16.2
8.362 – 8.366	156.52475 – 156.52525	2483.5 – 2500	17.7 – 21.4
8.37625 – 8.38675	156.7 – 156.9	2690 – 2900	22.01 – 23.12
8.81425 – 8.81475	162.0125 – 167.17	3260 – 3267	23.6 – 24.0
12.29 – 12.293	167.72 – 173.2	3332 – 3339	31.2 – 31.8
12.51975 – 12.52025	240 – 285	3345.8 – 3358	36.43 – 36.5
12.57675 – 12.57725	322 – 335.4	3600 – 4400	
13.36 – 13.41			

FCC Part 15 Subpart E Paragraph 15.407(5)(b) (Unrestricted Band Emissions Limit)		
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dBμV/m)
5150 - 5250	-27	68.3
5250 - 5350	-27	68.3
5470 - 5725	-27	68.3
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	
5725 - 5850	 U-NII-3 band (5725-5850 MHz)	

9.4. Test Procedure

Test Method				
	References Rule		Chapter	Description
☐	ANSI C63.10		12.7.3	Emissions in non-restricted frequency bands
☒	ANSI C63.10		12.7.2	Emissions in restricted frequency bands
	☐	ANSI C63.10	12.7.5	Radiated emission measurements
	☒	ANSI C63.10	12.7.6	Procedure for peak unwanted emissions measurements above 1000 MHz
	☒	ANSI C63.10	12.7.7	Procedures for average unwanted emissions measurements above 1000 MHz
	☐	ANSI C63.10	12.7.7.2	Method AD (average detection)—primary method
	☒	ANSI C63.10	12.7.7.3	Method VB-A (Alternative)
	☐	ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
	☐	ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
	☐	ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz
☐	FCC KDB 789033 D02v02r01		G.2	Unwanted Emissions that fall Outside of the Restricted Bands
☐	FCC KDB 789033 D02v02r01		G.1	Unwanted Emissions in the Restricted Bands
	☐	FCC KDB 789033 D02v02r01	G.4	Procedure for Unwanted Emissions Measurements below 1000 MHz
	☐	FCC KDB 789033 D02v02r01	G.5	Procedure for Unwanted Maximum Emissions Measurements above 1000 MHz
	☐	FCC KDB 789033 D02v02r01	G.6	Procedures for Average Unwanted Emissions Measurements above 1000 MHz
	☐	FCC KDB 789033 D02v02r01	G.6.c	Method AD (Average detection)—primary method
	☐	FCC KDB 789033 D02v02r01	G.6.d	Method VB (Averaging using reduced video bandwidth): Alternative method.

9.5. EUT test Axis definition

Item	Band Edge				
Device Category	☐	Indoor use			
	☐	Outdoor use			
	☐	Fix position use			
	☒	Client use			
Test mode	Mode 1-6				
Test method	☐	Radiated			
		X Axis	Y Axis	Z Axis	
					
		Worst Axis ☐	Worst Axis ☐	Worst Axis ☐	
	☒	Conducted			
	☒	Chain 1			
					
	☒	Chain 1	Chain 2		
					
	☐	Chain 1	Chain 2	Chain 3	
					
	☐	Chain 1	Chain 2	Chain 3	Chain 4
					

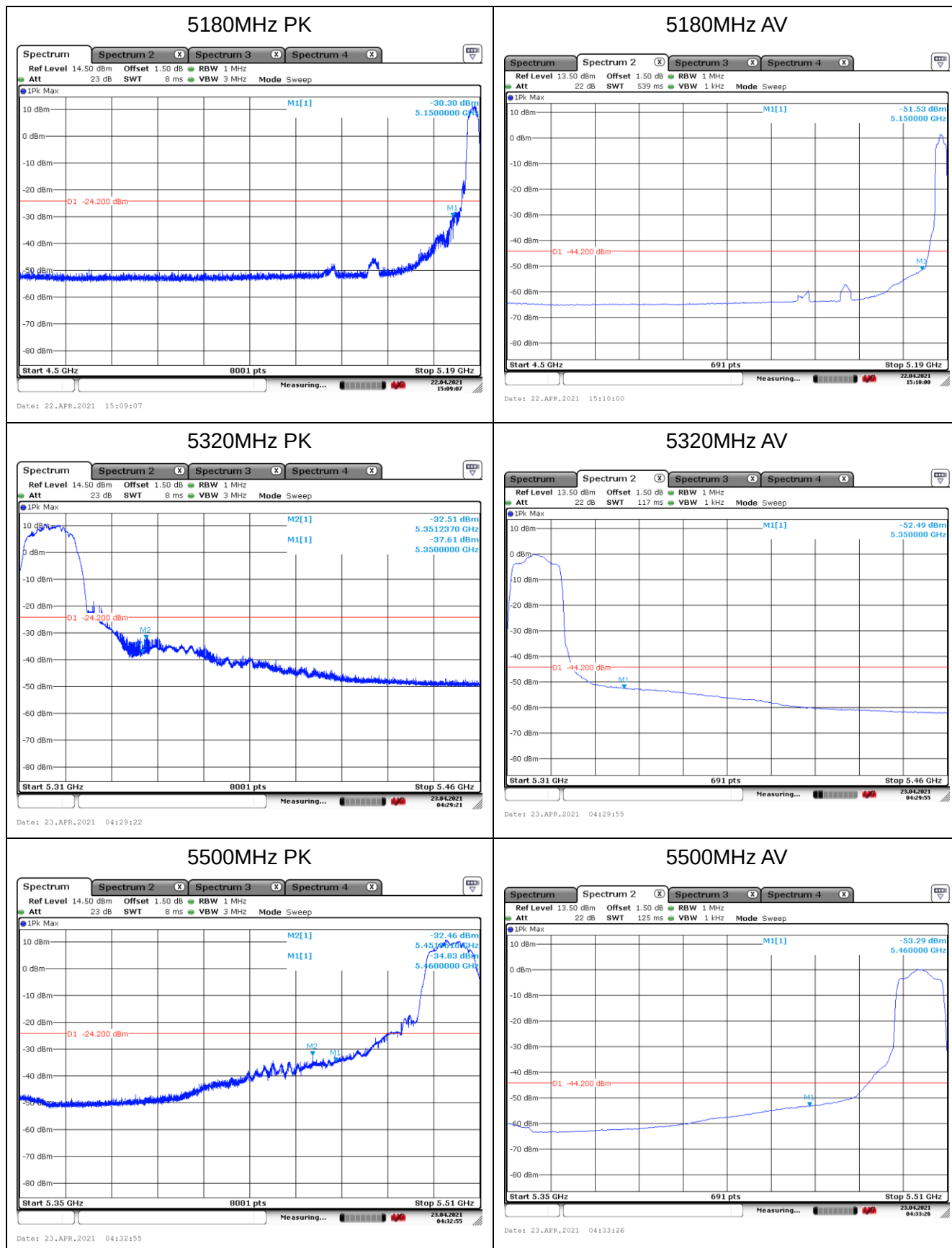
9.6. Test Result

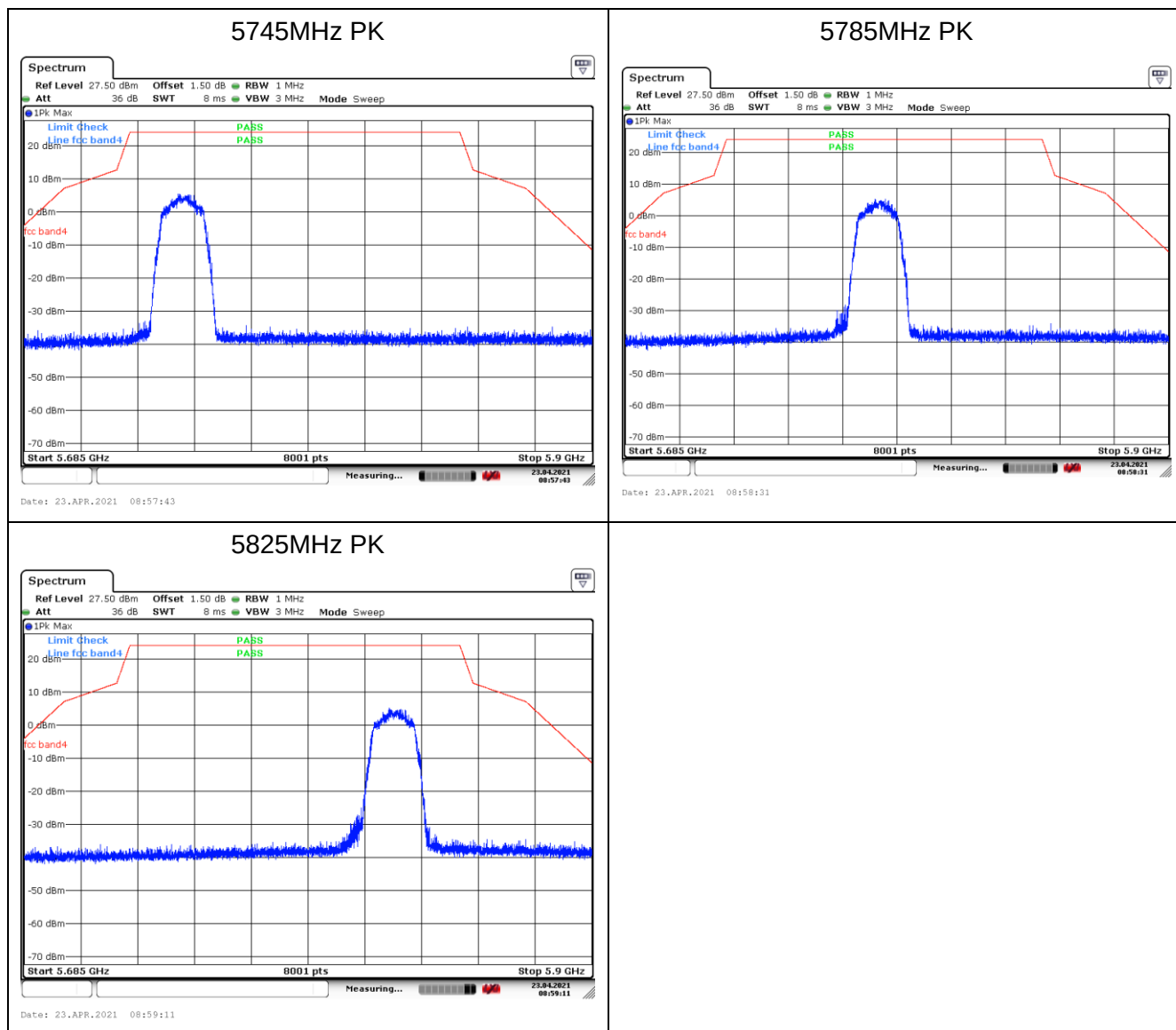
SISO PK Limit=74dBuV/m-95.2-3(Antenna Gain)=-24.2dBm

SISO AV Limit=54dBuV/m-95.2-3(Antenna Gain)=-44.2dBm

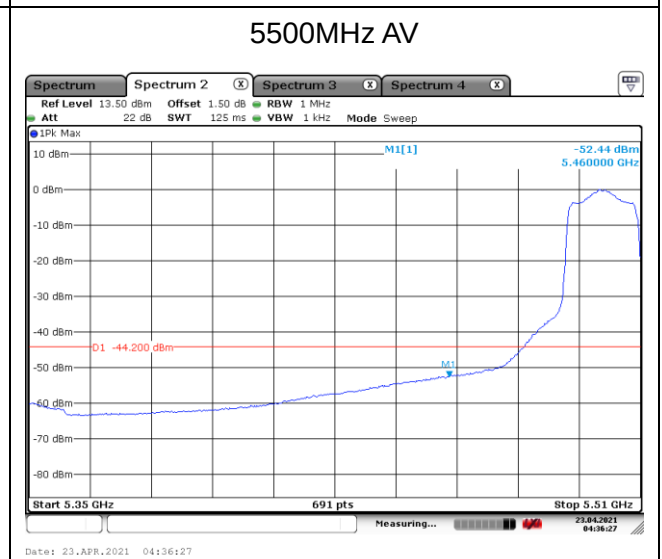
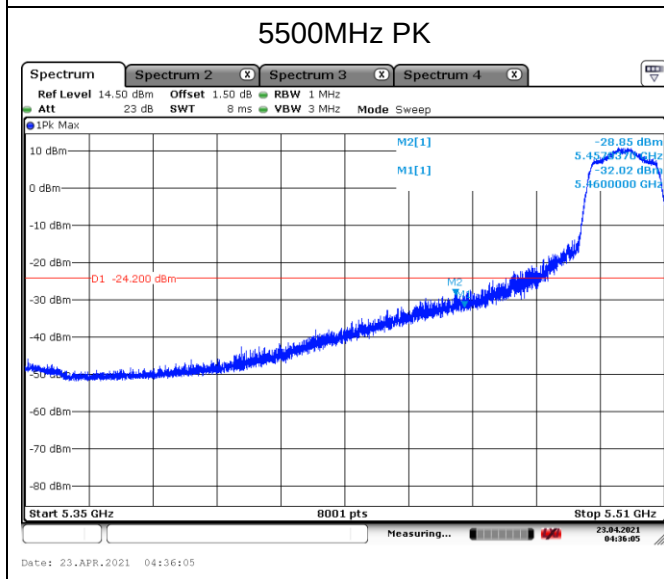
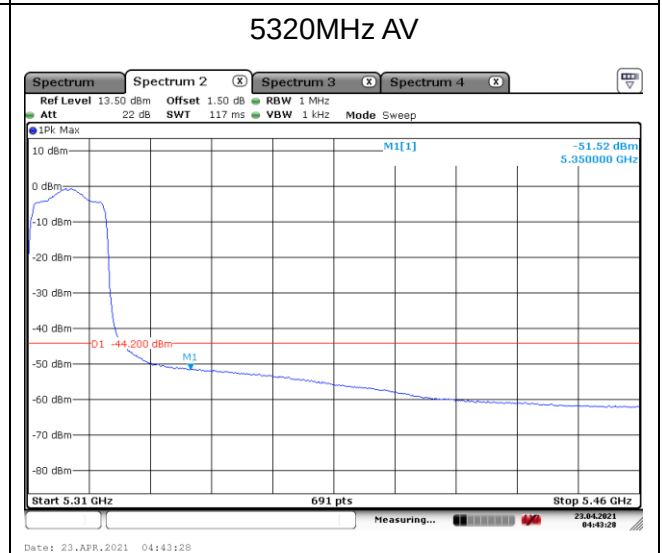
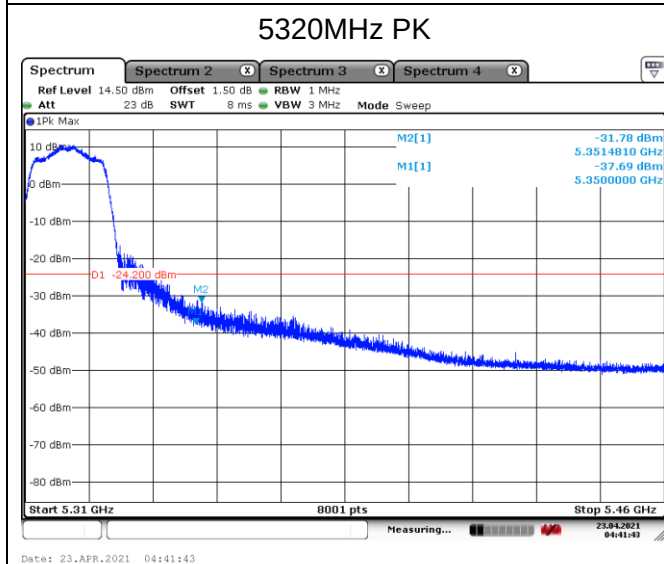
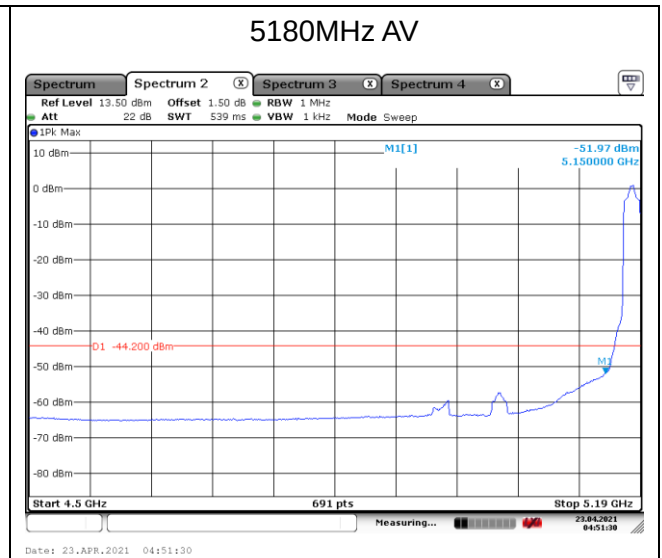
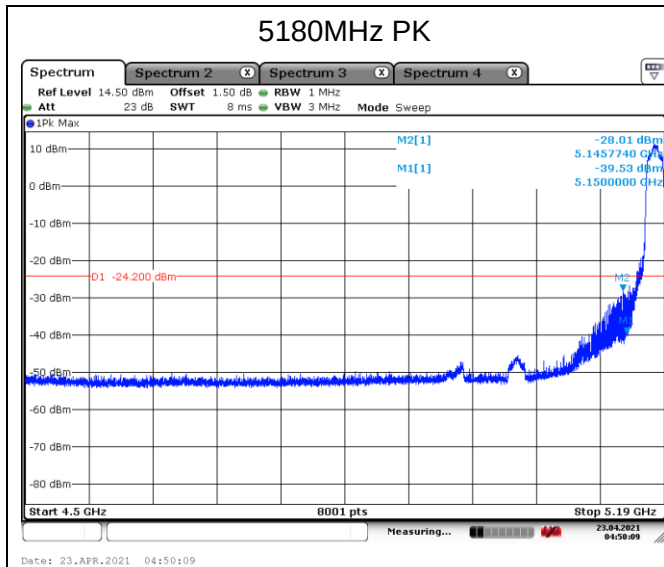
CDD PK Limit=74dBuV/m-95.2-10lg2(2Tx)-6(Directional Gain)=-30.2dBm

CDD AV Limit=54dBuV/m-95.2-10lg2(2Tx)-6(Directional Gain)=-50.2dBm

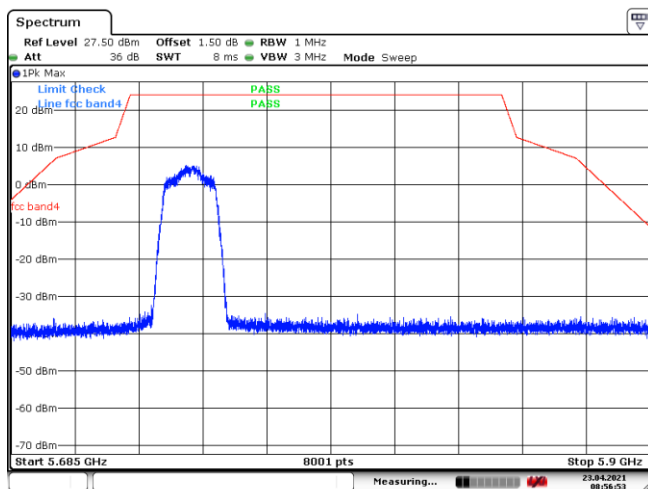
SISO:
802.11a



802.11n(20MHz)

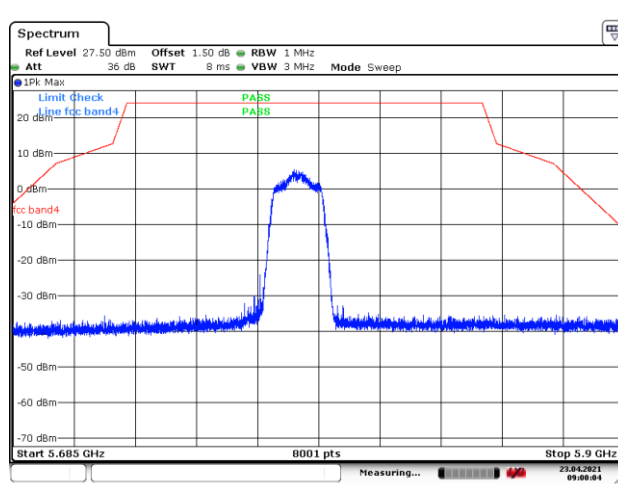


5745MHz PK



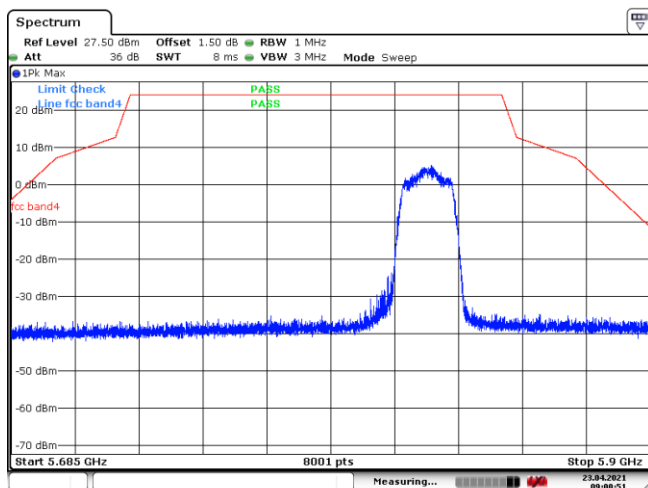
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5785MHz PK



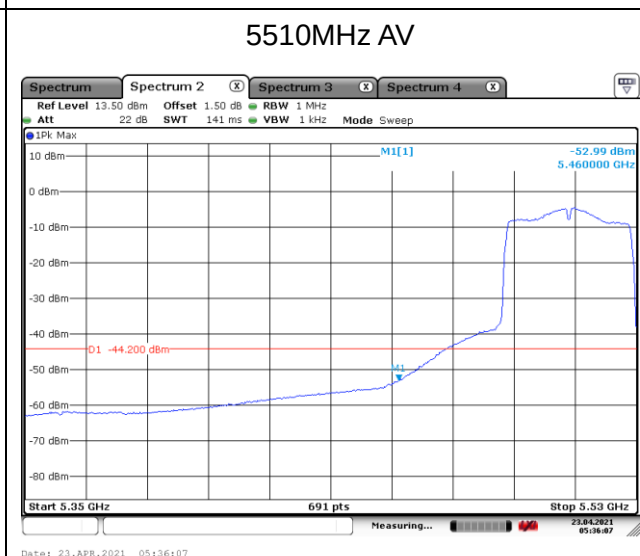
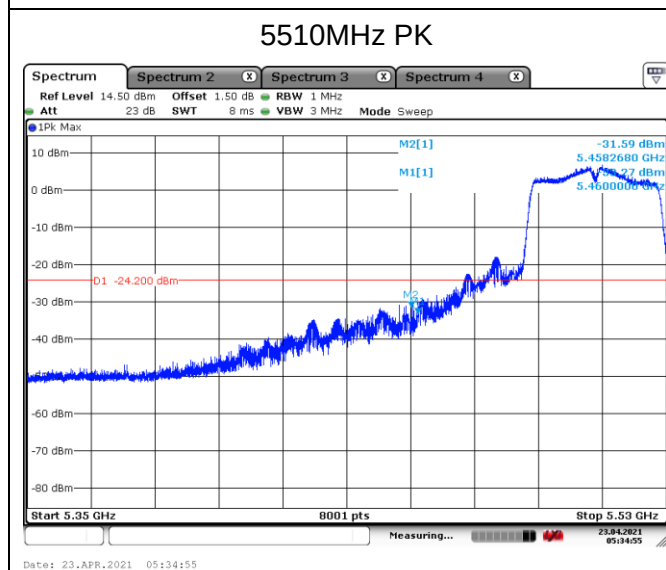
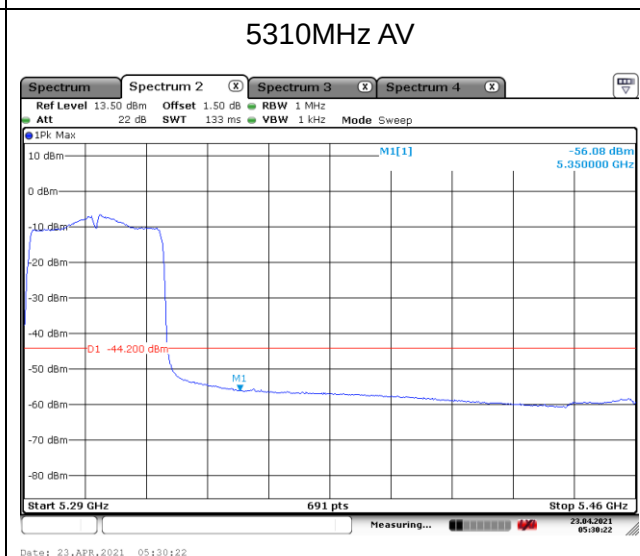
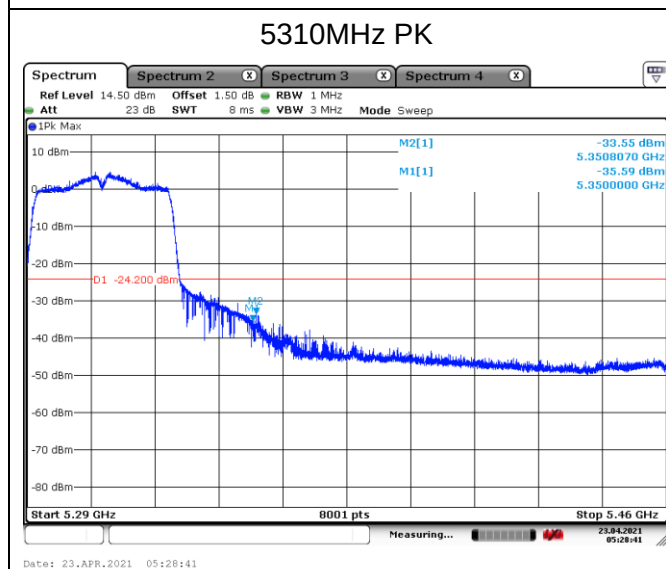
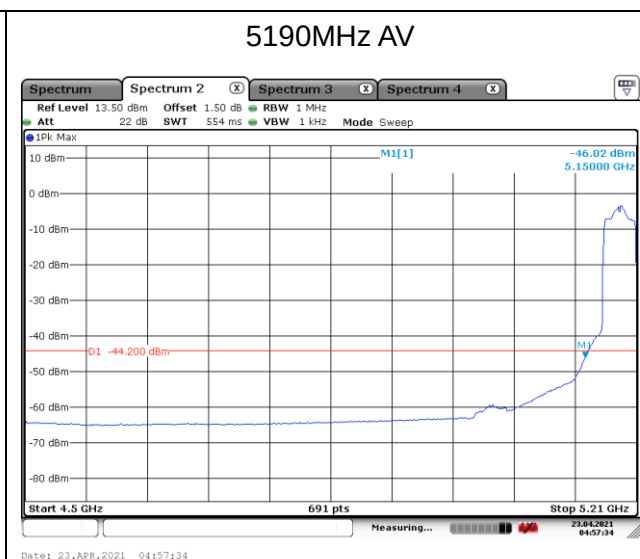
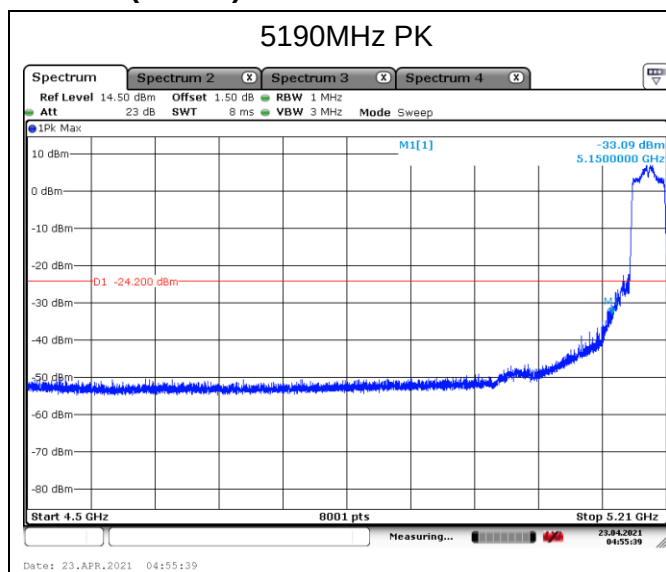
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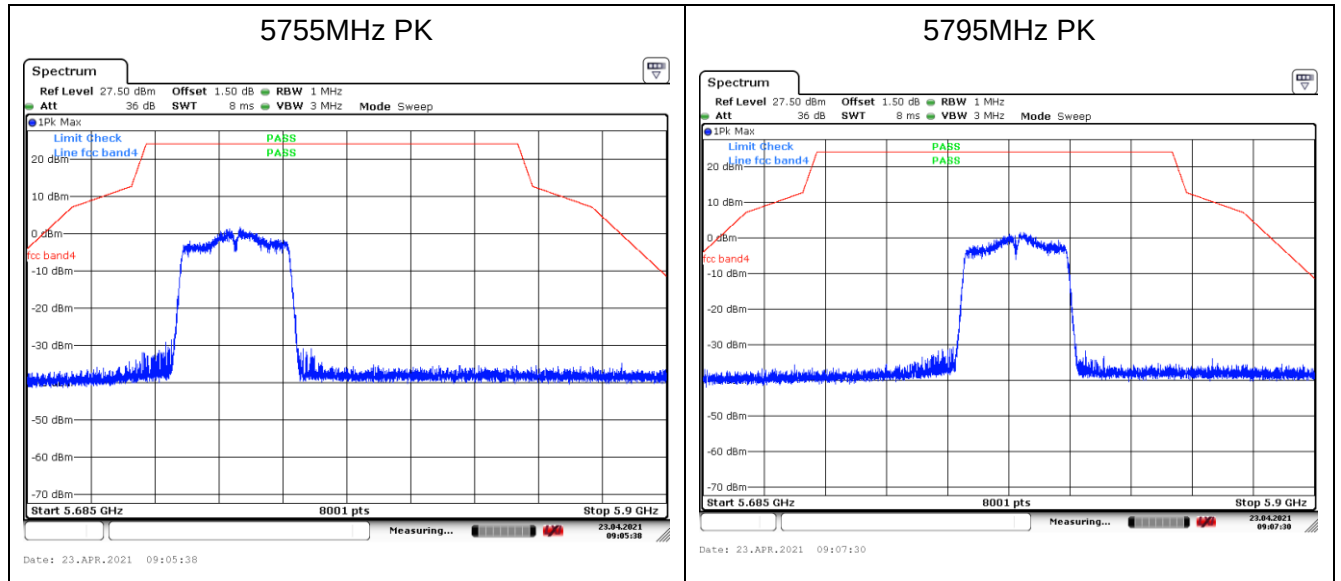
5825MHz PK



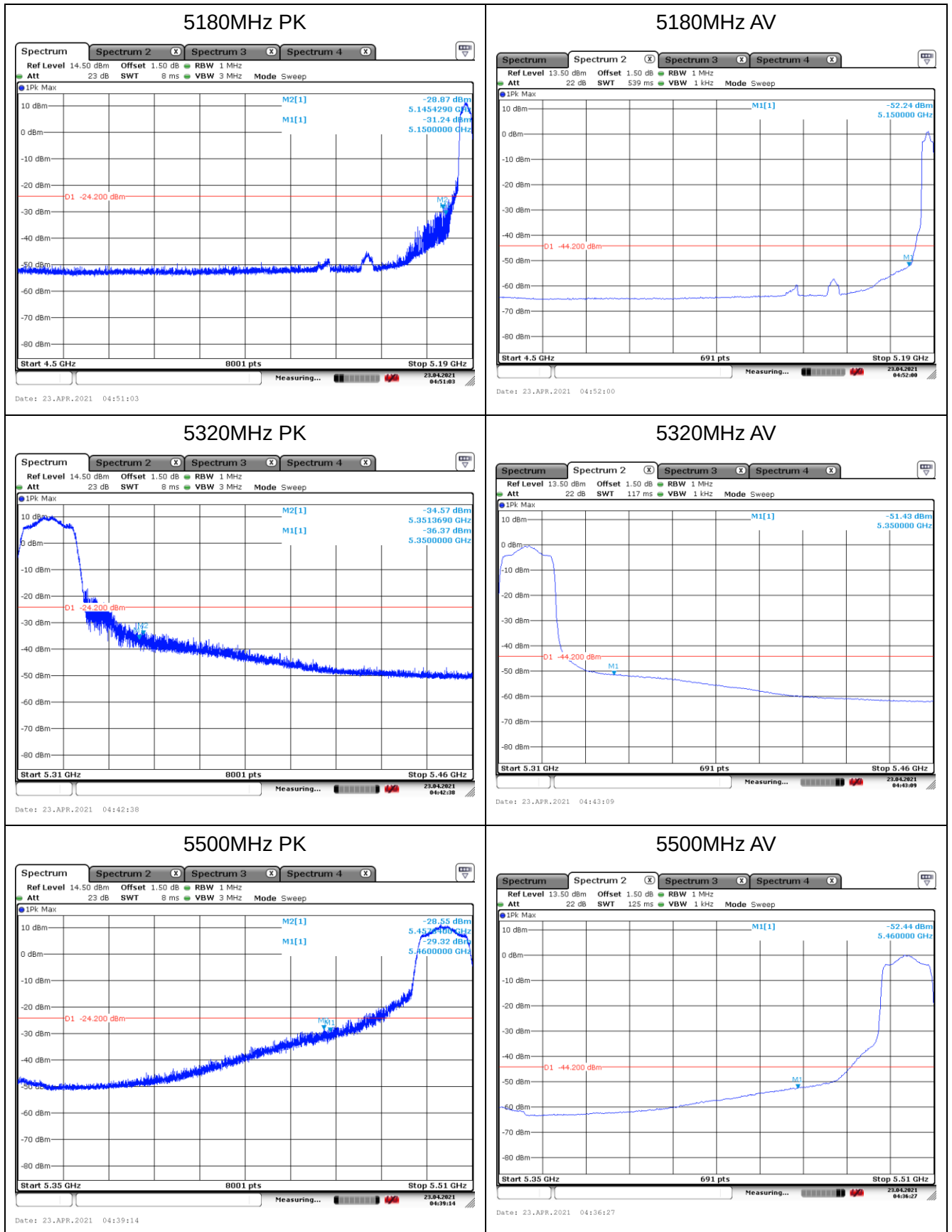
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802.11n(40MHz)

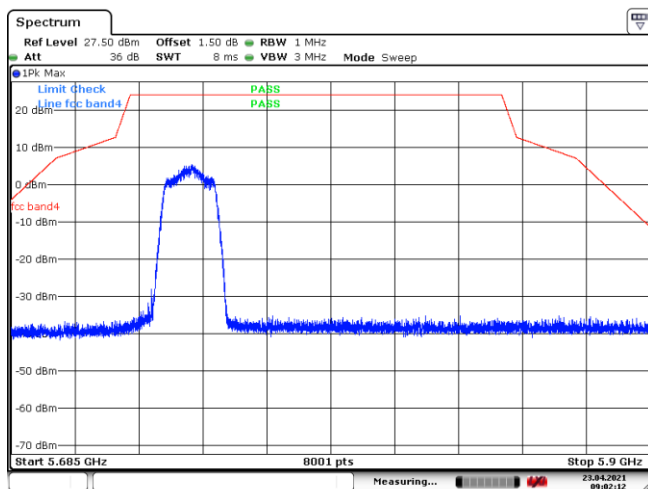




802.11ac(20MHz)

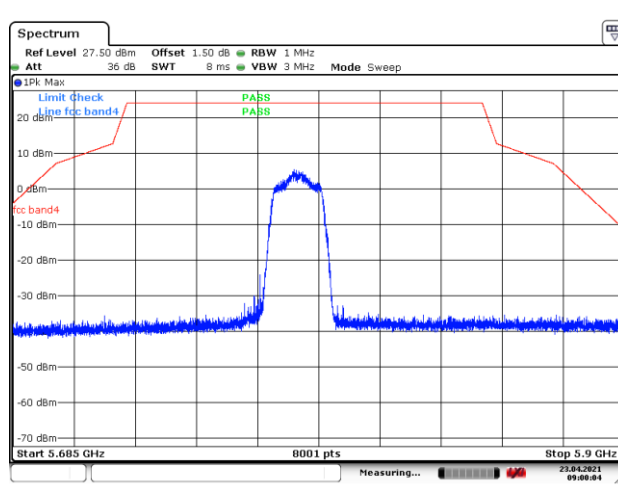


5745MHz PK



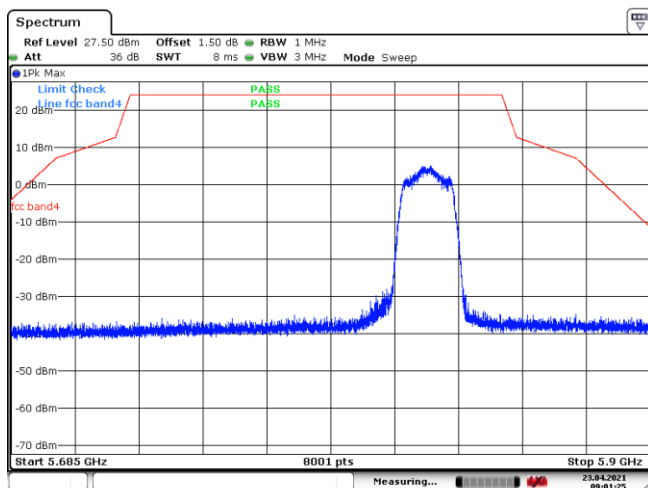
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5785MHz PK



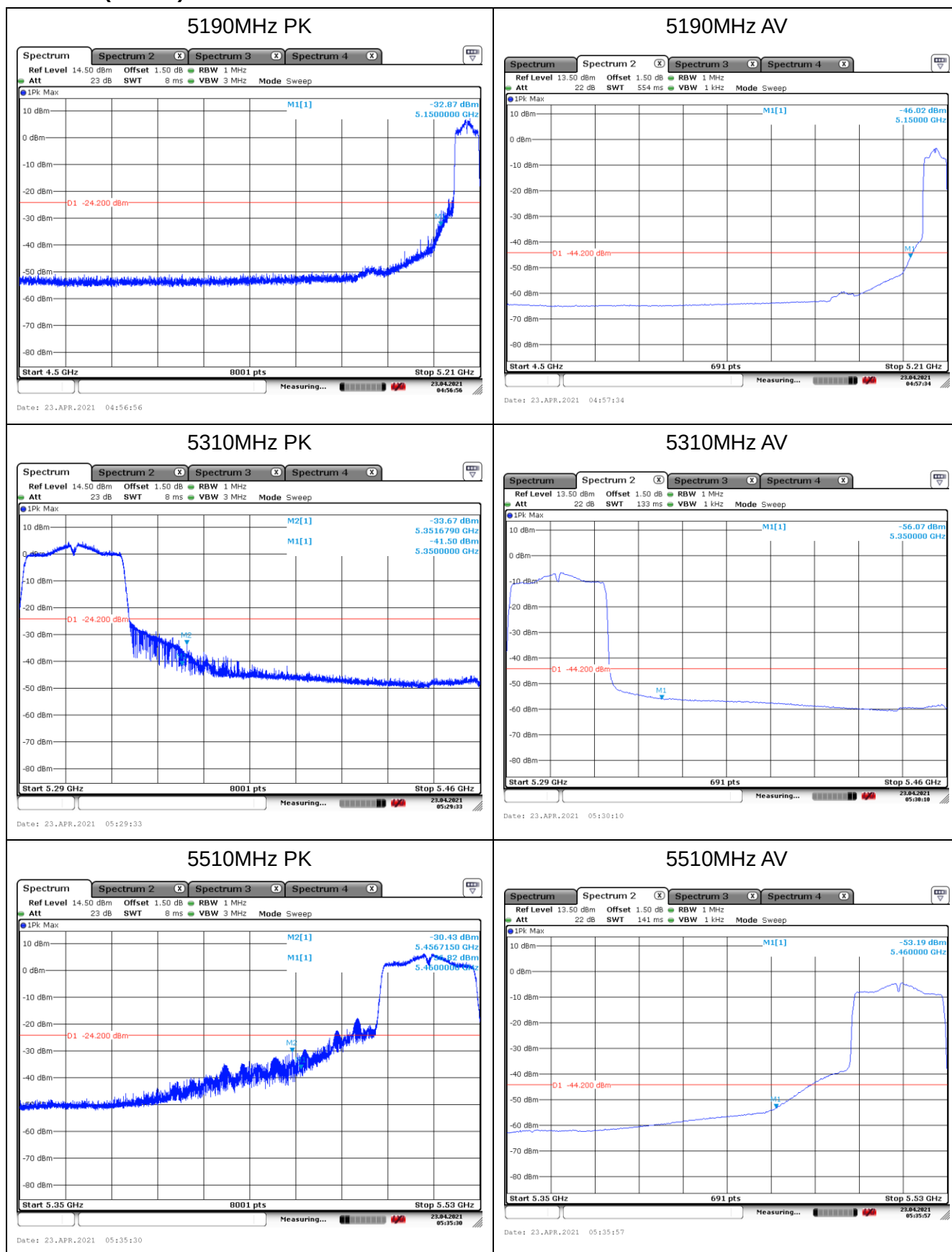
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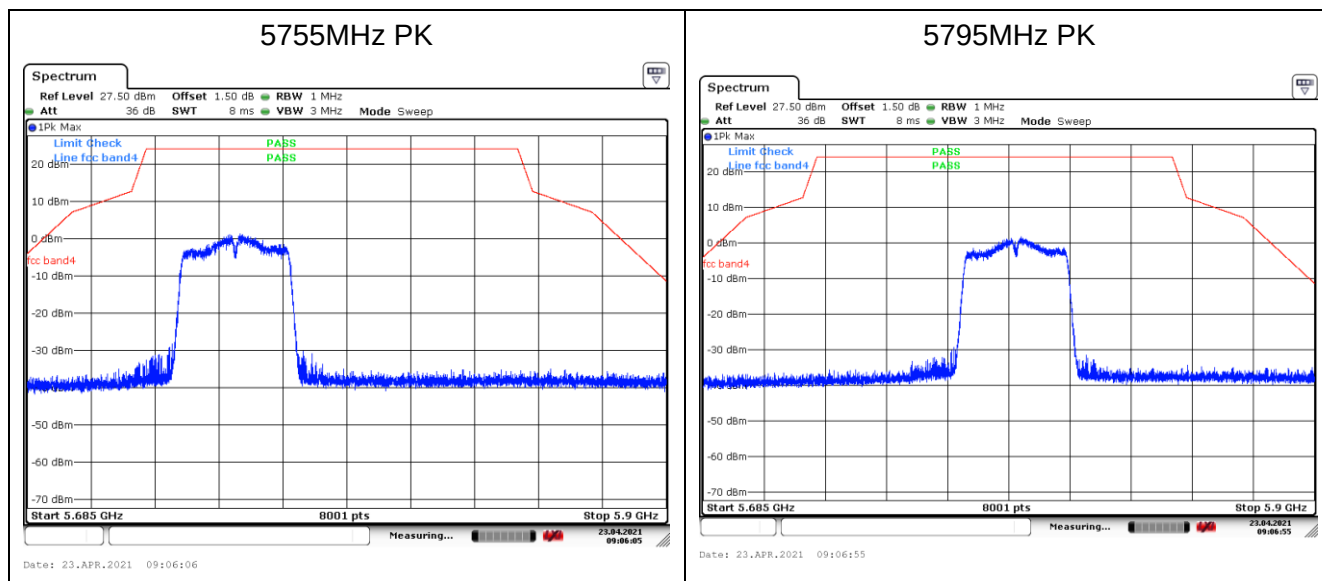
5825MHz PK



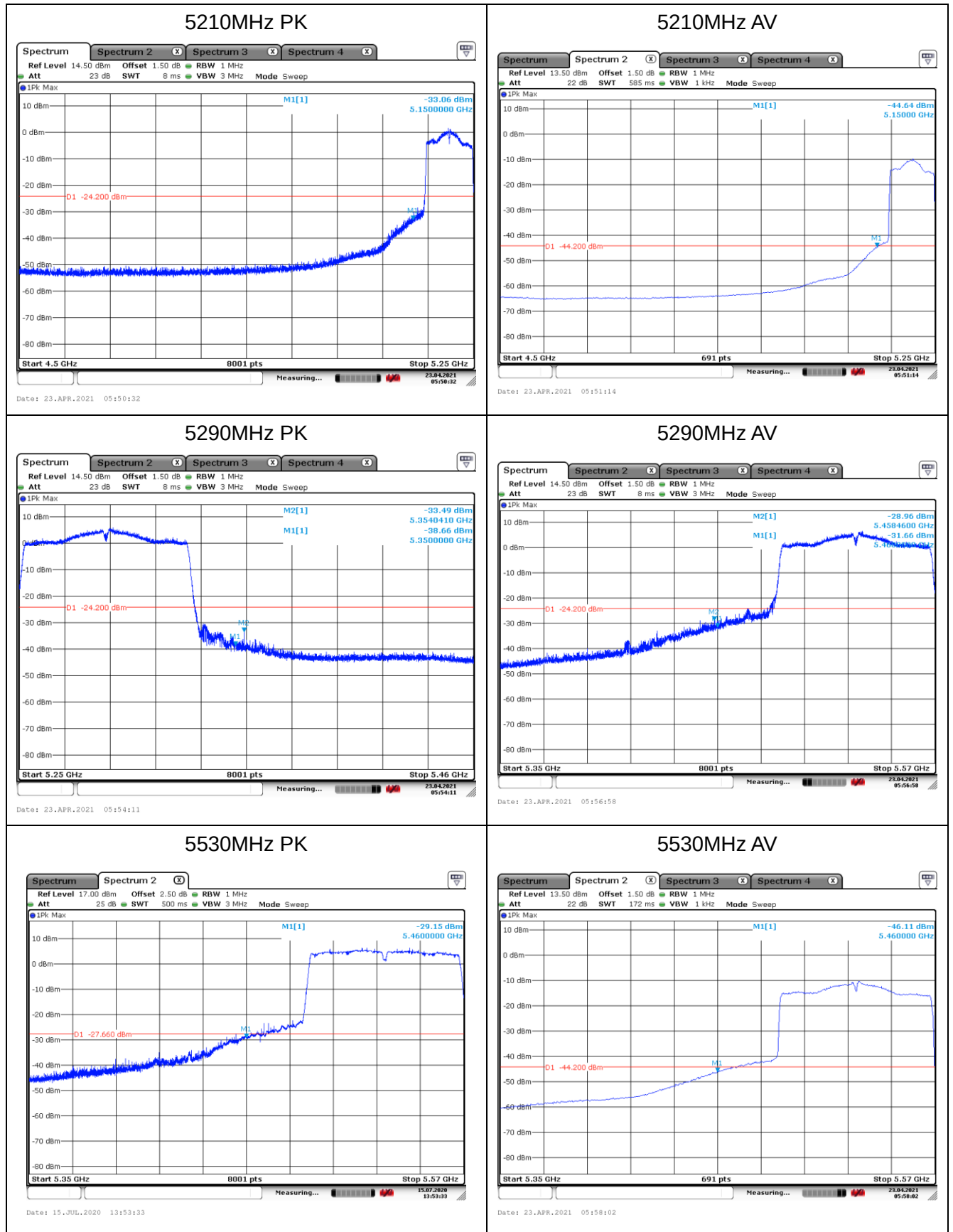
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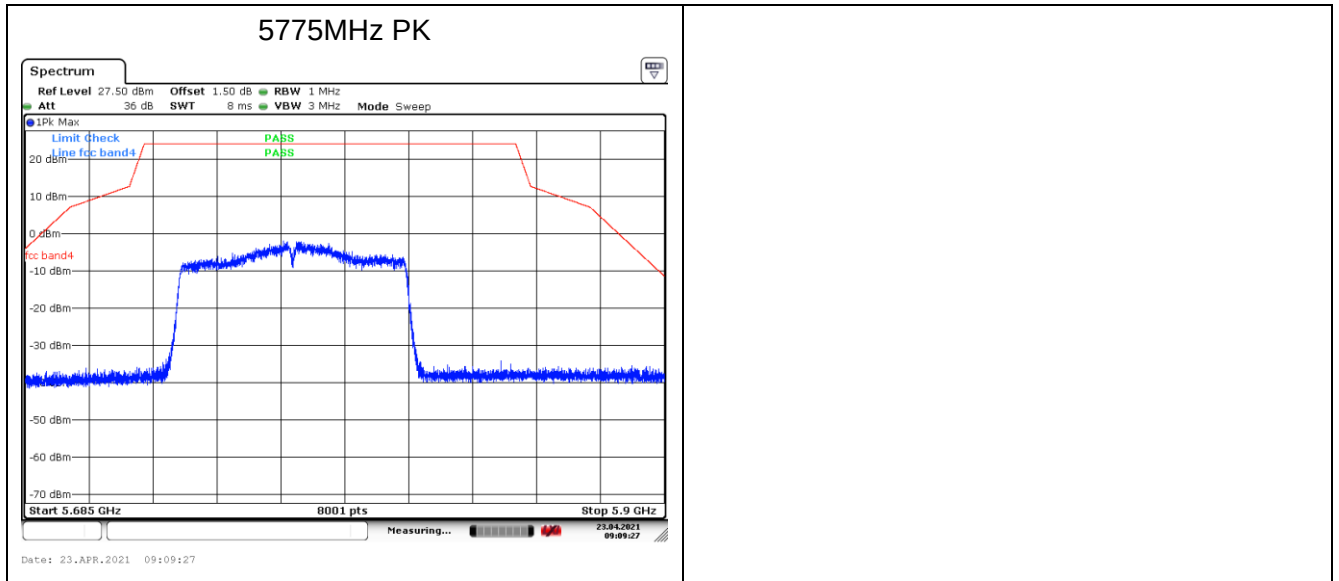
802.11ac(40MHz)





802.11ac(80MHz)

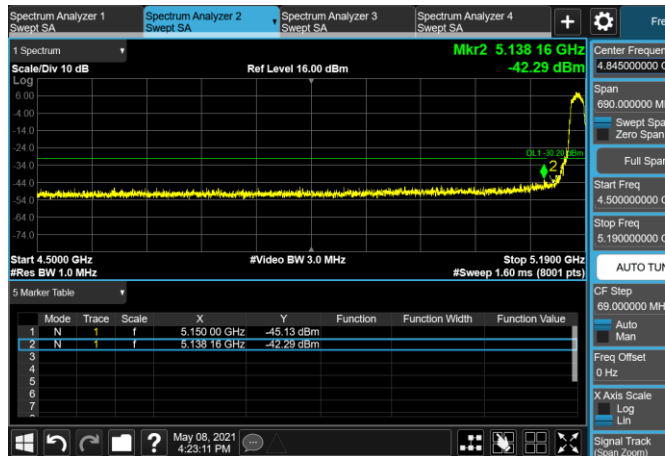




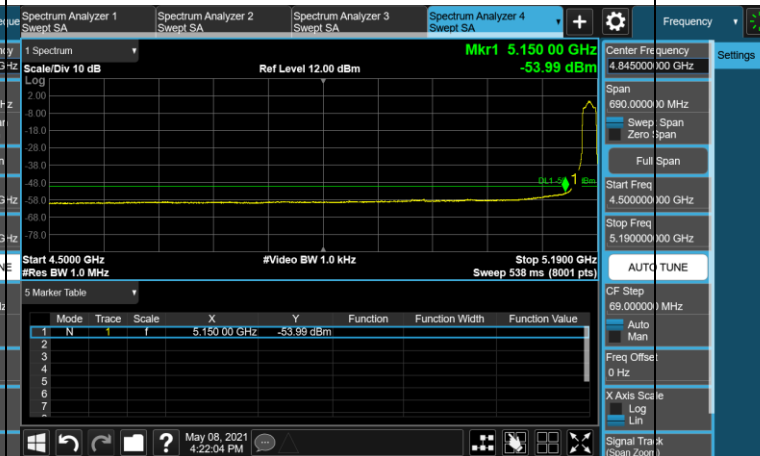
CDD:

802.11a

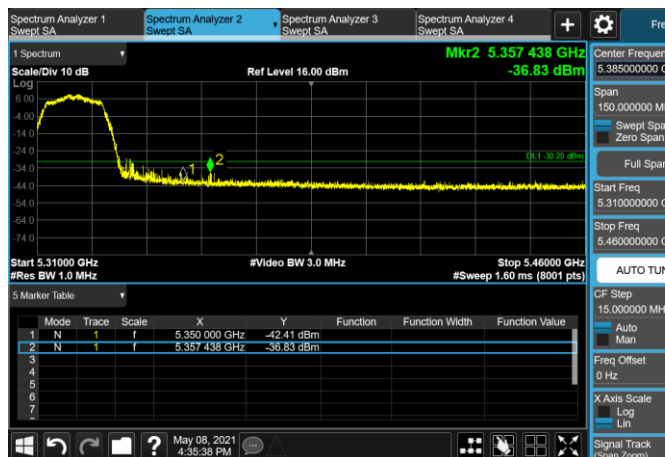
5180MHz with CDD PK



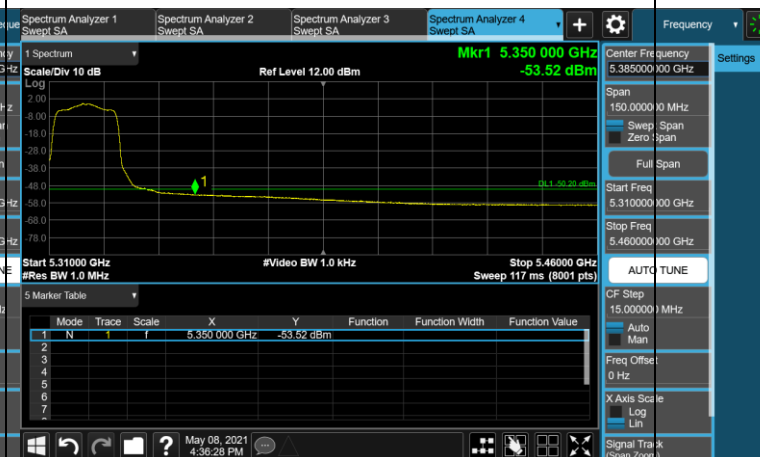
5180MHz with CDD AV



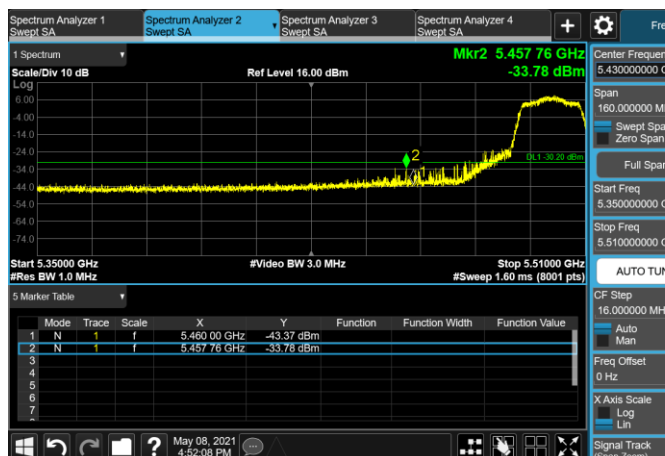
5320MHz with CDD PK



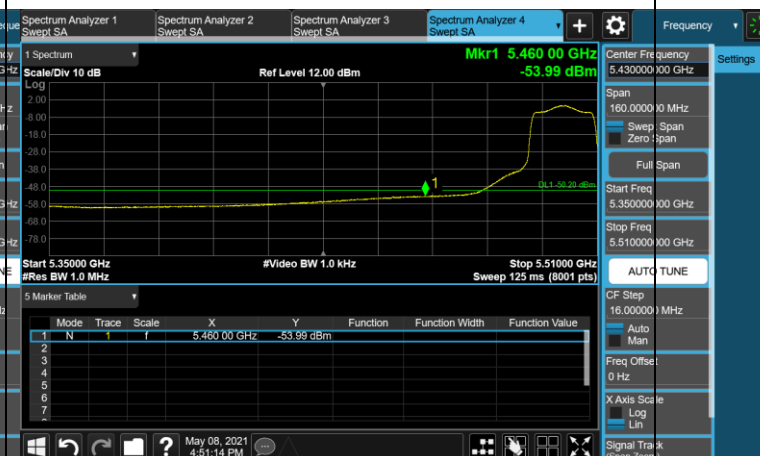
5320MHz with CDD AV



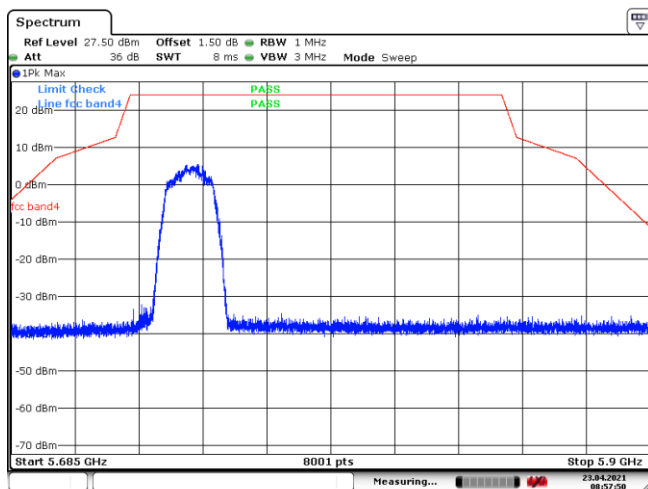
5500MHz with CDD PK



5500MHz with CDD AV

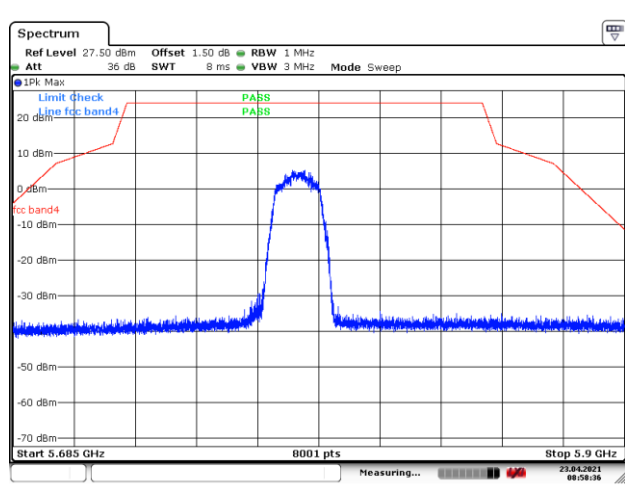


5745MHz with CDD PK



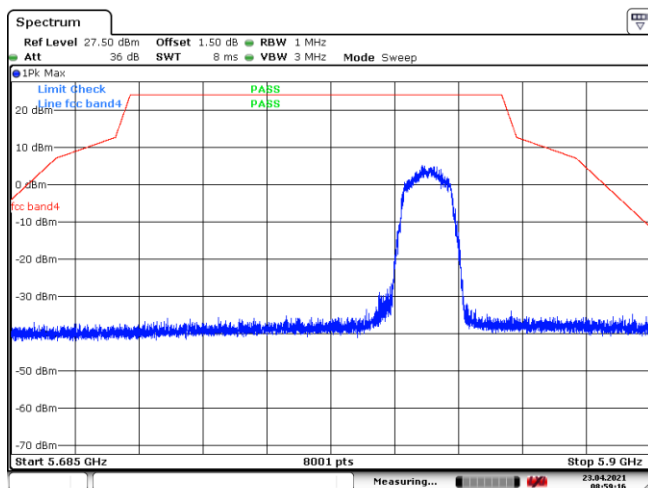
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5785MHz with CDD PK



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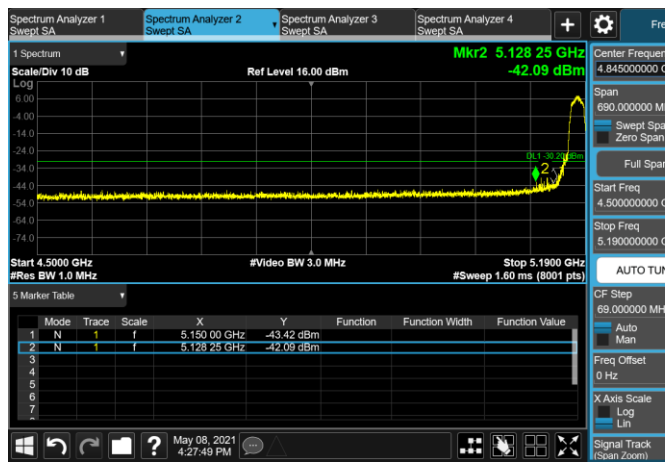
5825MHz with CDD PK



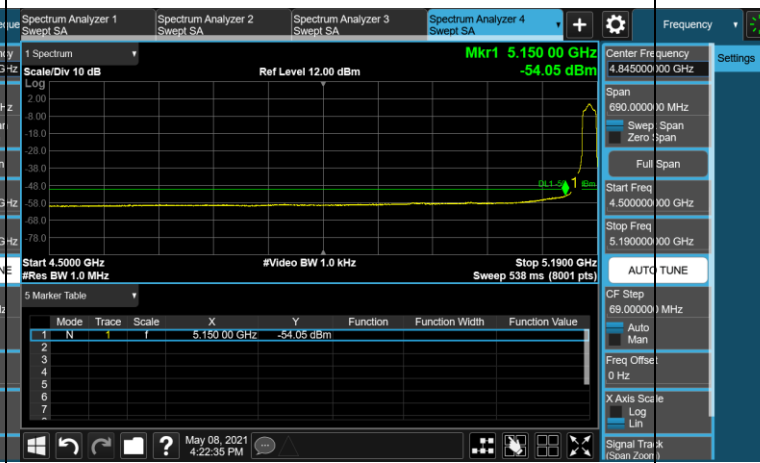
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802.11n(20MHz)

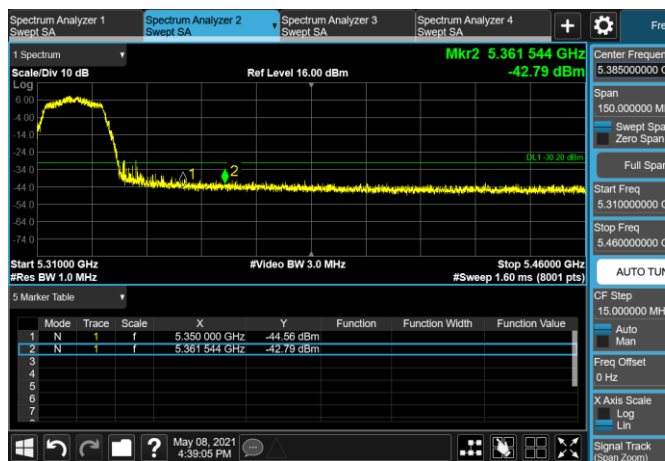
5180MHz with CDD PK



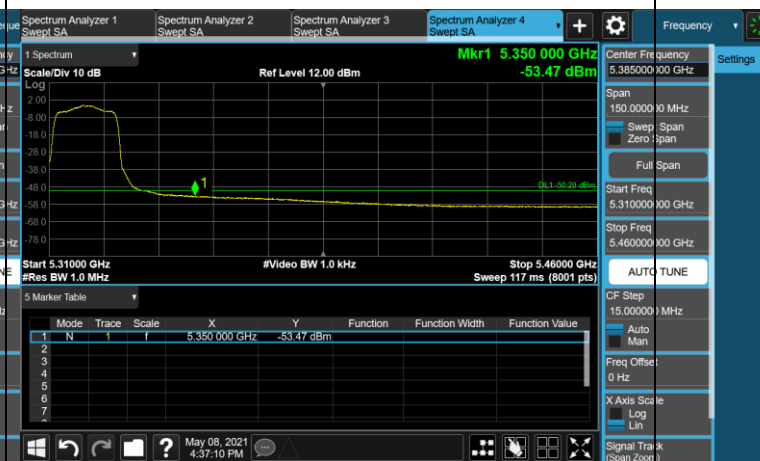
5180MHz with CDD AV



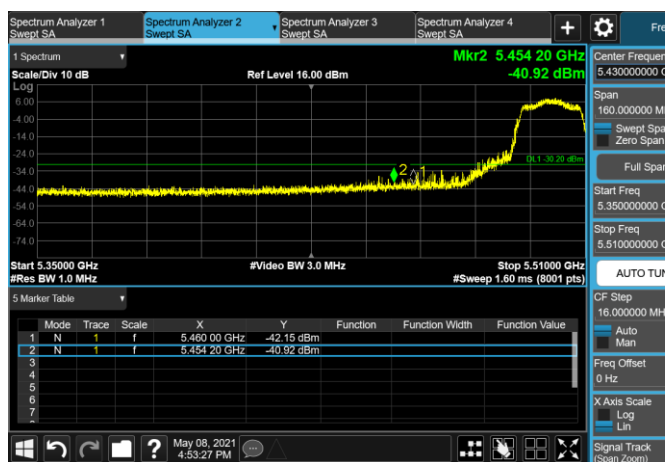
5320MHz with CDD PK



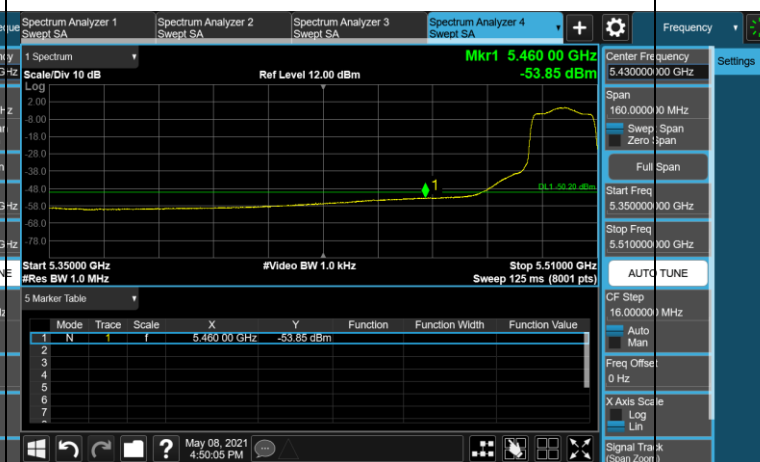
5320MHz with CDD AV



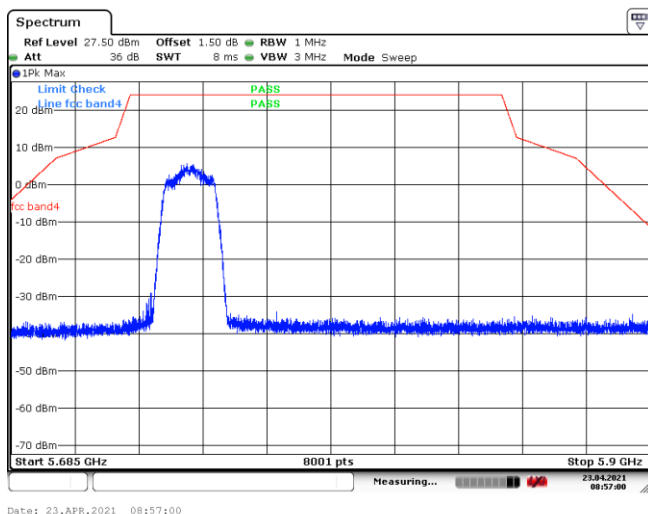
5500MHz with CDD PK



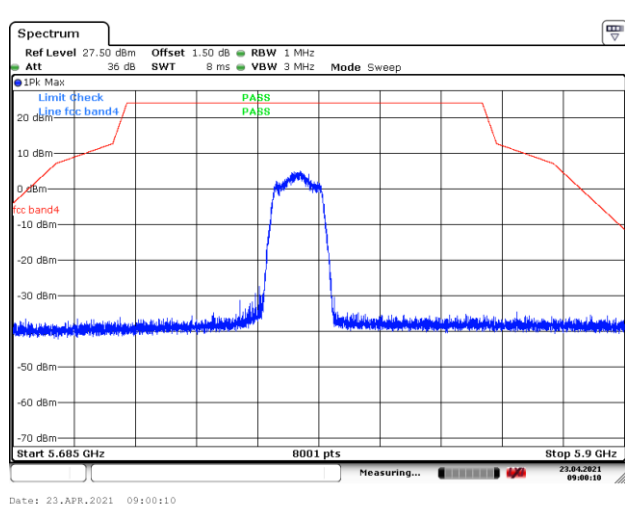
5500MHz with CDD AV



5745MHz with CDD PK



5785MHz with CDD PK



5825MHz with CDD PK

