A.4 Power Spectral Density Test Result

Test Site	NS-SR2		Test Engineer		Summer Tang	
Test Date	2021/10/20-2021/10/21					

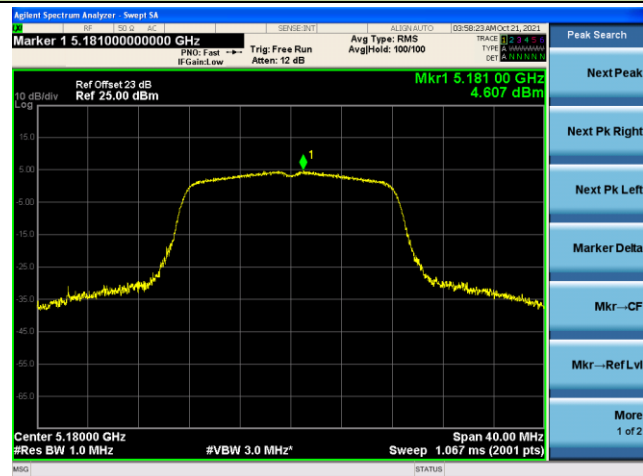| Test Mode	Data Rate / MCS	Ch. No.	Freq. (MHz)	AVPSD (dBm/ MHz)	Duty Cycle (%)	Final PSD (dBm/MHz)	PSD Limit (dBm/ MHz)
For NII-1 Bands:							
11a	6Mbps	36	5180	4.61	100.00	4.61	≤ 11.00
11a	6Mbps	44	5220	6.85	100.00	6.85	≤ 11.00
11a	6Mbps	48	5240	6.88	100.00	6.88	≤ 11.00
11n-HT20	MCS0	36	5180	4.94	100.00	4.94	≤ 11.00
11n-HT20	MCS0	44	5220	6.54	100.00	6.54	≤ 11.00
11n-HT20	MCS0	48	5240	6.59	100.00	6.59	≤ 11.00
11n-HT40	MCS0	38	5190	0.08	100.00	0.08	≤ 11.00
11n-HT40	MCS0	46	5230	3.67	100.00	3.67	≤ 11.00
11ac-VHT20	MCS0	36	5180	5.05	100.00	5.05	≤ 11.00
11ac-VHT20	MCS0	44	5220	6.56	100.00	6.56	≤ 11.00
11ac-VHT20	MCS0	48	5240	6.49	100.00	6.49	≤ 11.00
11ac-VHT40	MCS0	38	5190	0.27	100.00	0.27	≤ 11.00
11ac-VHT40	MCS0	46	5230	3.72	100.00	3.72	≤ 11.00
11ac-VHT80	MCS0	42	5210	-4.88	100.00	-4.88	≤ 11.00

Note: When EUT duty cycle ≥ 98%, the final PSD (dBm/MHz) =AVGPSD (dBm/MHz)

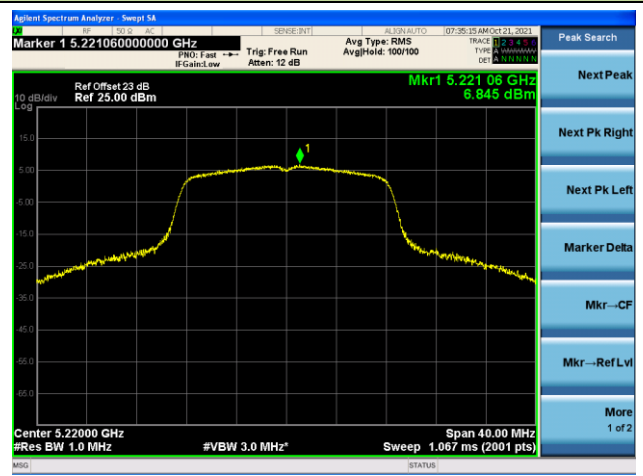| Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	AVPSD (dBm/ 510KHz)	Duty Cycle (%)	Final PSD (dBm/510KHz)	PSD Limit (dBm/ 500KHz)
For NII-3 Band:							
11a	6Mbps	149	5745	2.45	100.00	2.45	≤ 30.00
11a	6Mbps	157	5785	2.43	100.00	2.43	≤ 30.00
11a	6Mbps	165	5825	2.75	100.00	2.75	≤ 30.00
11n-HT20	MCS0	149	5745	2.10	100.00	2.10	≤ 30.00
11n-HT20	MCS0	157	5785	2.11	100.00	2.11	≤ 30.00
11n-HT20	MCS0	165	5825	2.42	100.00	2.42	≤ 30.00
11n-HT40	MCS0	151	5755	-1.06	100.00	-1.06	≤ 30.00
11n-HT40	MCS0	159	5795	-0.85	100.00	-0.85	≤ 30.00
11ac-VHT20	MCS0	149	5745	2.19	100.00	2.19	≤ 30.00
11ac-VHT20	MCS0	157	5785	2.18	100.00	2.18	≤ 30.00
11ac-VHT20	MCS0	165	5825	2.10	100.00	2.10	≤ 30.00
11ac-VHT40	MCS0	151	5755	-0.92	100.00	-0.92	≤ 30.00
11ac-VHT40	MCS0	159	5795	-1.02	100.00	-1.02	≤ 30.00
11ac-VHT80	MCS0	155	5775	-4.55	100.00	-4.55	≤ 30.00

Note: When EUT duty cycle ≥ 98%, the final PSD (dBm/510KHz) =AVGPSD (dBm/510KHz)
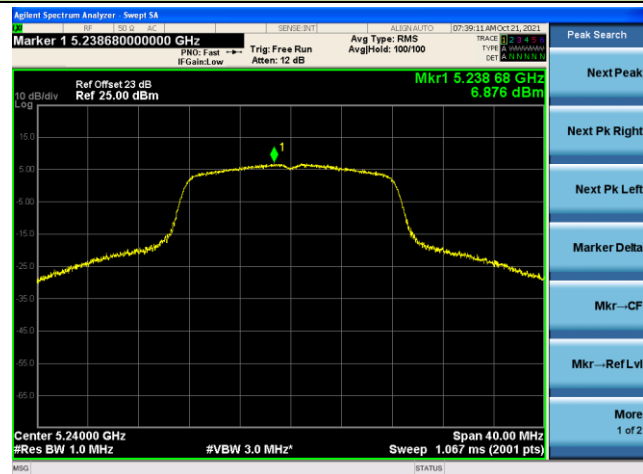
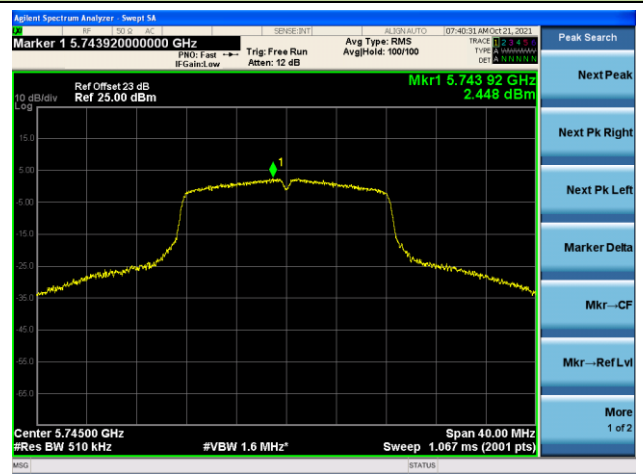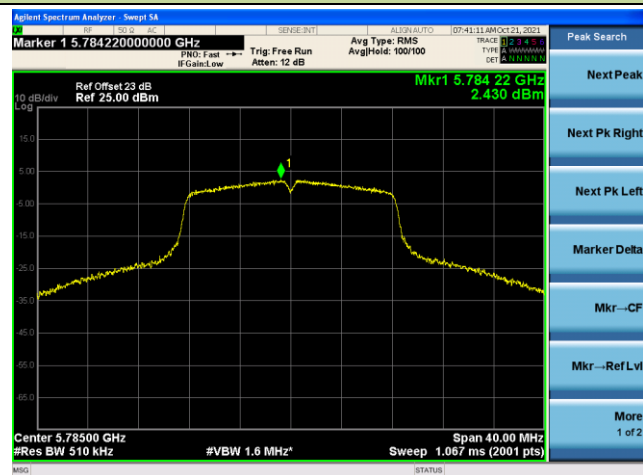| 802.11a Power Spectral Density - Ant 0	
Channel 36 (5180MHz)	**Channel 44 (5220MHz)**
Channel 48 (5240MHz)	**Channel 149 (5745MHz)**
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
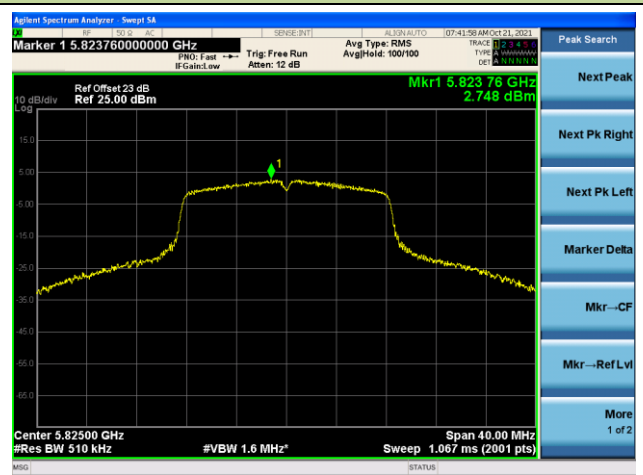
802.11n-HT20 Power Spectral Density - Ant 0
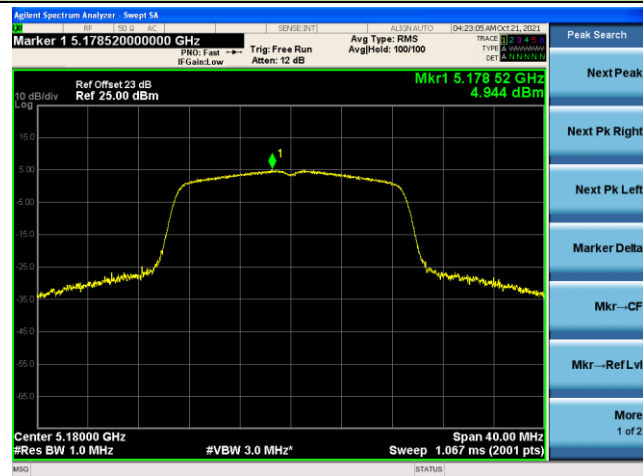
Channel 36 (5180MHz)	Channel 44 (5220MHz)
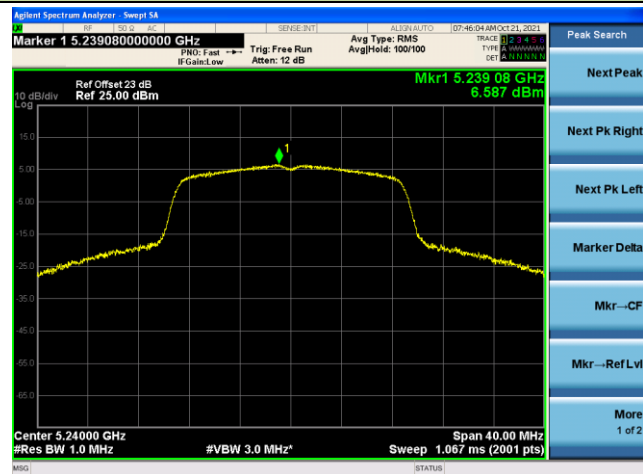
Channel 48 (5240MHz)	Channel 149 (5745MHz)
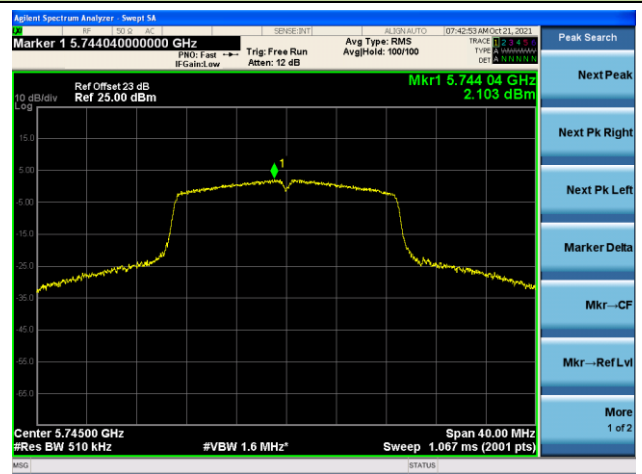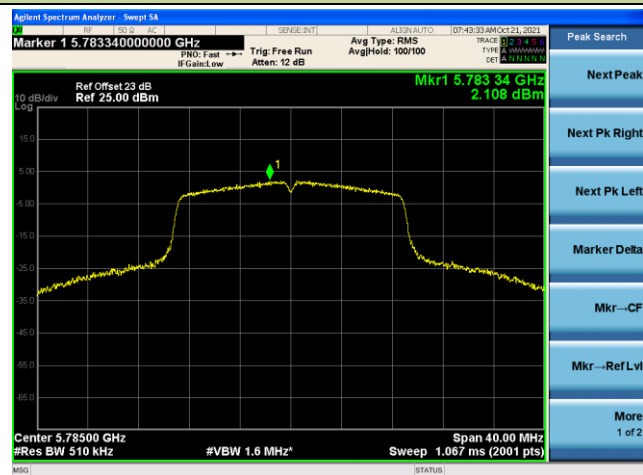
Channel 157 (5785MHz)	Channel 165 (5825MHz)
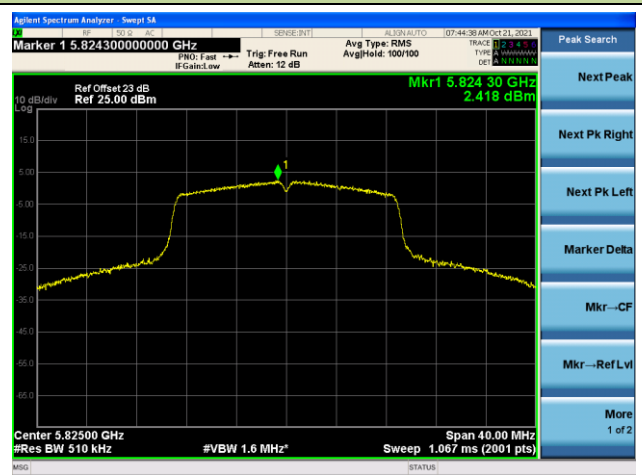
802.11n-HT40 Power Spectral Density - Ant 0	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
Channel 151 (5755MHz)	Channel 159 (5795MHz)
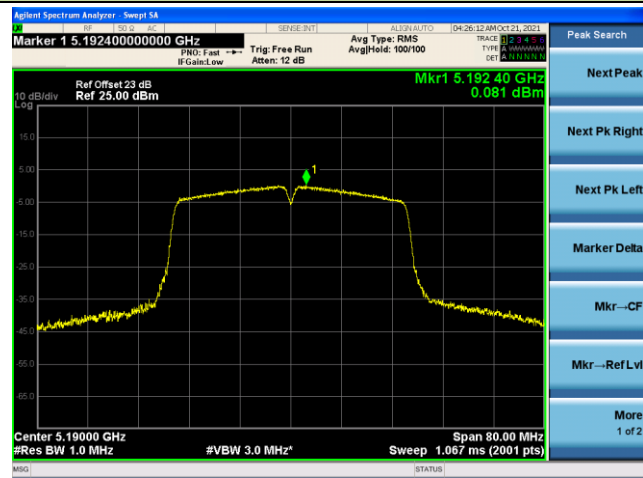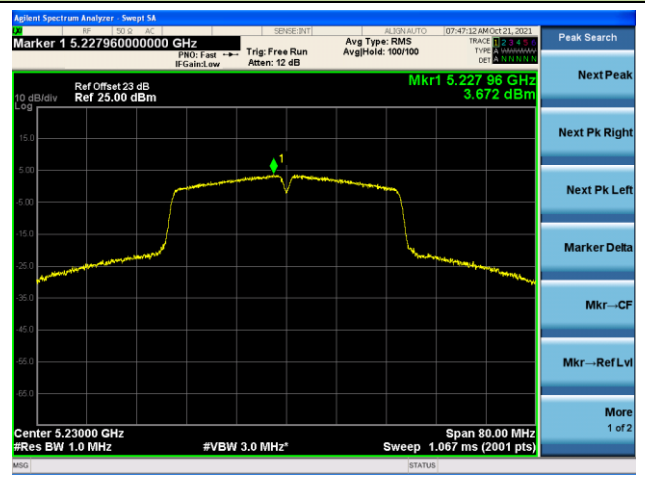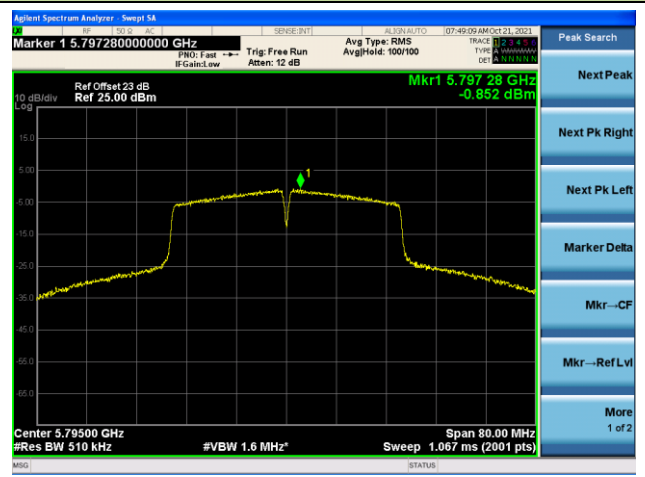
802.1ac-VHT20 Power Spectral Density - Ant 0

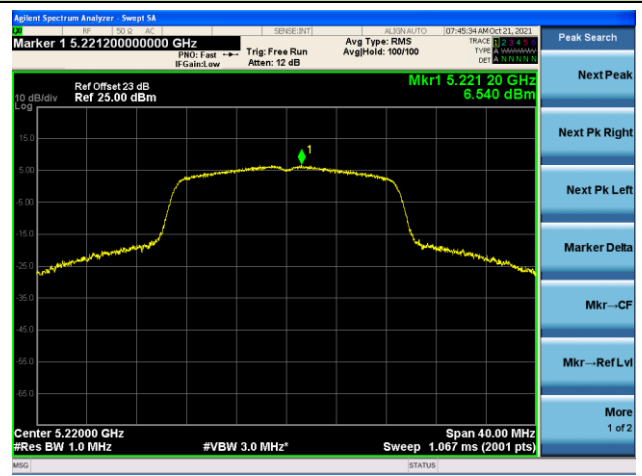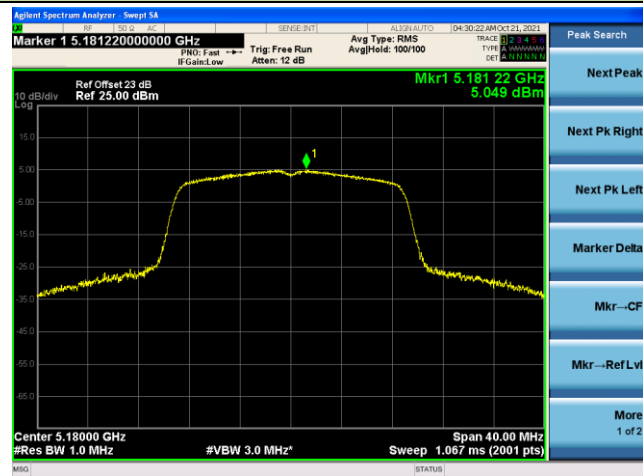| Channel 36 (5180MHz)	Channel 44 (5220MHz)
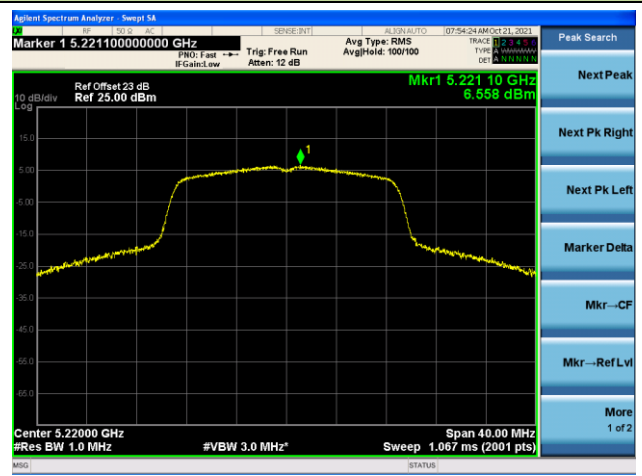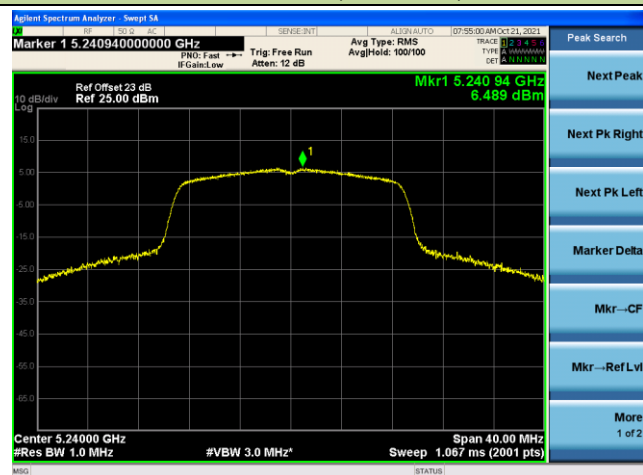
Channel 48 (5240MHz)	Channel 149 (5745MHz)
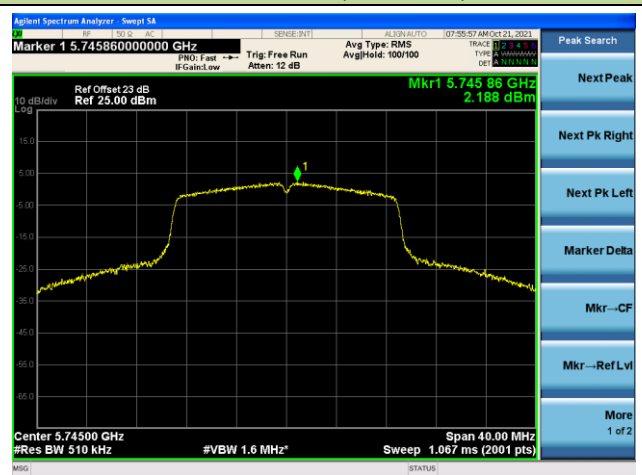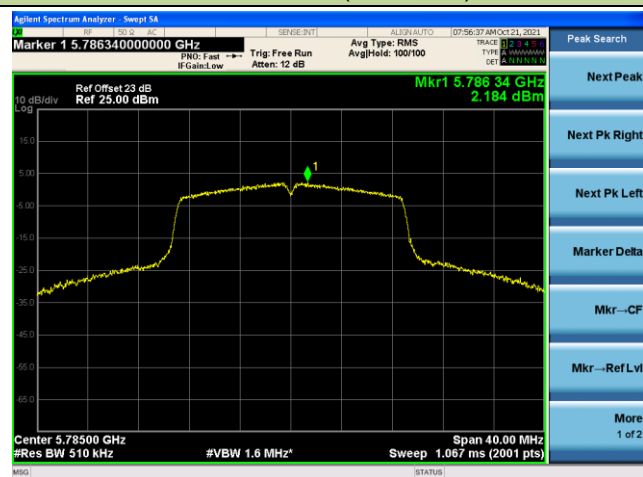
Channel 157 (5785MHz)	Channel 165 (5825MHz)
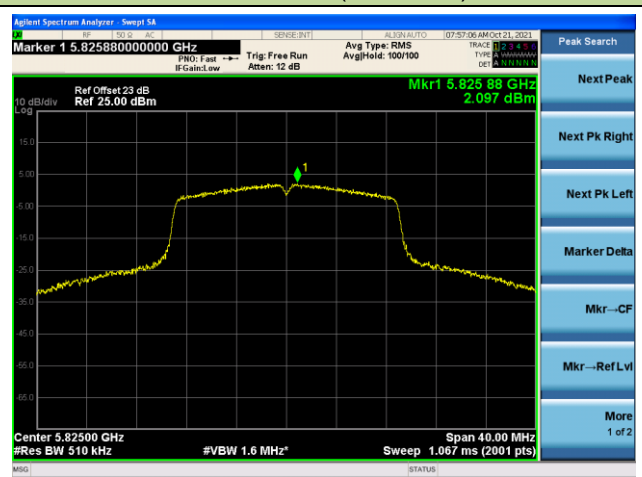
802.11ac-VHT40 Power Spectral Density - Ant 0	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
Channel 151 (5755MHz)	Channel 159 (5795MHz)
802.11ac-VHT80 Power Spectral Density - Ant 0	
Channel 42 (5210MHz)	Channel 155 (5775MHz)
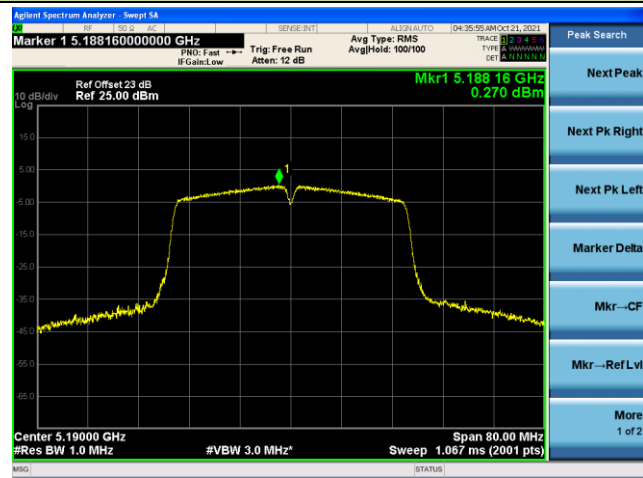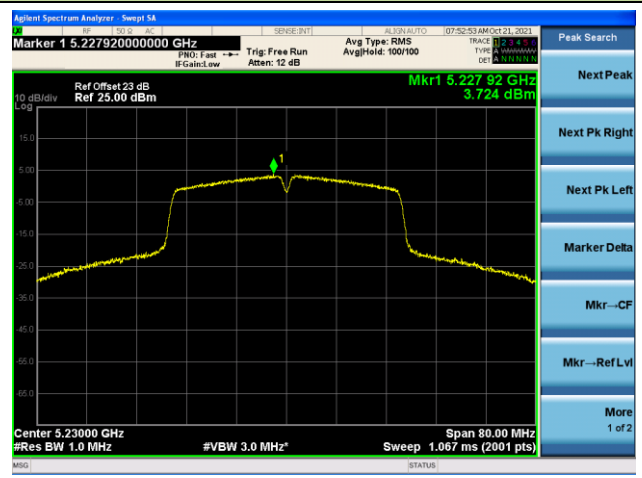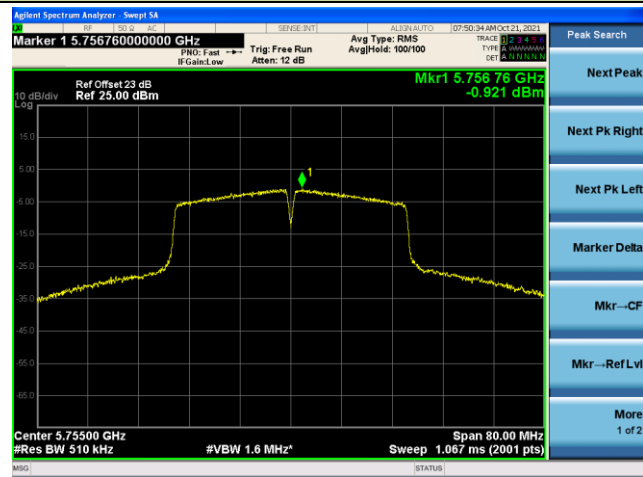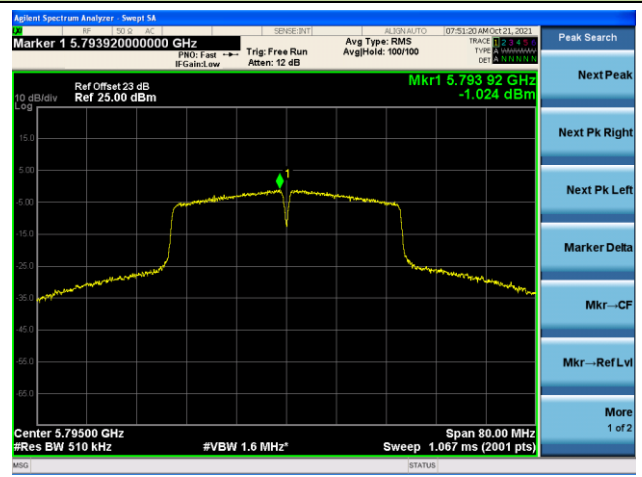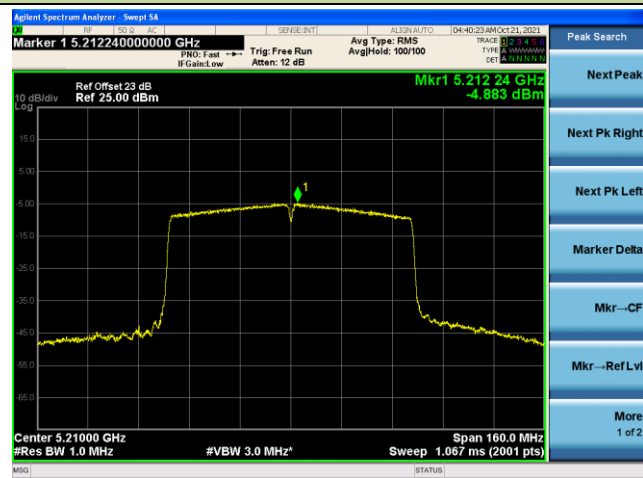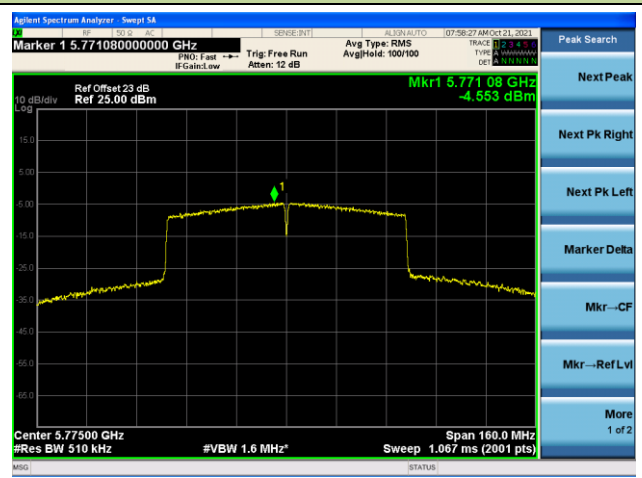
A.5 Frequency Stability Test Result

Test Site	NS-SR2	Test Engineer	Summer Tang
Test Date	2021/07/16	Test Mode	5180MHz (Carrier Mode)

Voltage	Power	Temp	Frequency Tolerance (ppm)			
(%)	(VAC)	(°C)	0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	0.99	-0.55	-0.26	0.00
		- 20	1.10	-0.63	-0.27	-0.04
		- 10	1.11	-0.65	0.32	0.06
		0	-1.13	0.68	-0.36	-0.09
		+ 10	1.14	-0.72	0.36	-0.10
		+ 20	1.15	0.80	-0.41	0.11
		+ 30	1.17	0.84	-0.42	0.11
		+ 40	1.22	-0.87	0.42	0.14
		+ 50	-1.28	-0.90	0.43	-0.20
115%	138	+ 20	-1.68	0.95	0.47	0.23
85%	102	+ 20	-2.06	-0.98	0.53	0.25

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} $*10^6$.

A.6 Radiated Spurious Emission Measurement Test Result

Test Site	NS-AC1	Test Engineer	Dillon Diao
Test Date	2021/10/22	Test Mode	802.11a – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8369.5	34.4	9.9	44.3	74.0	-29.7	Peak	Horizontal
*	10001.5	32.0	12.4	44.4	68.2	-23.8	Peak	Horizontal
	11098.0	33.0	15.0	48.0	74.0	-26.0	Peak	Horizontal
*	16963.0	31.5	19.5	51.0	68.2	-17.2	Peak	Horizontal
	8344.0	35.9	10.1	46.0	74.0	-28.0	Peak	Vertical
*	10205.5	34.4	12.8	47.2	68.2	-21.0	Peak	Vertical
	11106.5	33.6	15.3	48.9	74.0	-25.1	Peak	Vertical
*	16971.5	32.4	19.5	51.9	68.2	-16.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11a – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8344.0	33.6	10.1	43.7	74.0	-30.3	Peak	Horizontal
*	9976.0	33.6	12.5	46.1	68.2	-22.1	Peak	Horizontal
	15654.0	38.1	16.1	54.2	74.0	-19.8	Peak	Horizontal
	15659.0	29.1	16.1	45.2	54.0	-8.8	Average	Horizontal
*	16827.0	31.7	18.9	50.6	68.2	-17.6	Peak	Horizontal
	8454.5	34.0	10.5	44.5	74.0	-29.5	Peak	Vertical
*	10214.0	34.1	13.0	47.1	68.2	-21.1	Peak	Vertical
	11115.0	34.1	15.6	49.7	74.0	-24.3	Peak	Vertical
*	16784.5	32.1	18.5	50.6	68.2	-17.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11a – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8301.5	34.6	9.8	44.4	74.0	-29.6	Peak	Horizontal
*	10477.5	33.6	13.9	47.5	68.2	-20.7	Peak	Horizontal
	15713.5	38.0	16.6	54.6	74.0	-19.4	Peak	Horizontal
	15717.6	28.4	16.7	45.1	54.0	-8.9	Average	Horizontal
*	16572.0	31.4	17.5	48.9	68.2	-19.3	Peak	Horizontal
	8386.5	34.1	10.0	44.1	74.0	-29.9	Peak	Vertical
*	9976.0	33.5	12.5	46.0	68.2	-22.2	Peak	Vertical
	11625.0	31.2	16.3	47.5	74.0	-26.5	Peak	Vertical
*	16810.0	32.0	19.2	51.2	68.2	-17.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11a – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8352.5	34.1	10.0	44.1	74.0	-29.9	Peak	Horizontal
*	10290.5	32.9	13.2	46.1	68.2	-22.1	Peak	Horizontal
	11191.5	32.1	15.5	47.6	74.0	-26.4	Peak	Horizontal
*	17235.0	34.8	21.0	55.8	68.2	-12.4	Peak	Horizontal
	8386.5	32.5	10.0	42.5	74.0	-31.5	Peak	Vertical
*	9891.0	33.0	12.1	45.1	68.2	-23.1	Peak	Vertical
	11565.5	33.2	15.7	48.9	74.0	-25.1	Peak	Vertical
*	17235.0	33.3	21.0	54.3	68.2	-13.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11a – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	8420.5	34.5	10.2	44.7	74.0	-29.3	Peak	Horizontal
*	9823.0	34.7	11.9	46.6	68.2	-21.6	Peak	Horizontal
	11540.0	32.0	16.0	48.0	74.0	-26.0	Peak	Horizontal
*	17354.0	32.7	21.2	53.9	68.2	-14.3	Peak	Horizontal
	8131.5	33.8	9.2	43.0	74.0	-31.0	Peak	Vertical
*	9789.0	32.8	12.3	45.1	68.2	-23.1	Peak	Vertical
	11489.0	31.8	15.3	47.1	74.0	-26.9	Peak	Vertical
*	16691.0	30.7	18.1	48.8	68.2	-19.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11a – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	8225.0	34.1	9.5	43.6	74.0	-30.4	Peak	Horizontal
*	10486.0	32.9	13.9	46.8	68.2	-21.4	Peak	Horizontal
	11650.5	34.5	15.5	50.0	74.0	-24.0	Peak	Horizontal
*	17473.0	33.0	22.1	55.1	68.2	-13.1	Peak	Horizontal
	8157.0	35.3	9.4	44.7	74.0	-29.3	Peak	Vertical
*	10333.0	33.3	14.1	47.4	68.2	-20.8	Peak	Vertical
	11582.5	31.8	15.6	47.4	74.0	-26.6	Peak	Vertical
*	17243.5	31.5	21.2	52.7	68.2	-15.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11n-HT20 – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8276.0	32.0	9.5	41.5	74.0	-32.5	Peak	Horizontal
*	10333.0	33.0	14.1	47.1	68.2	-21.1	Peak	Horizontal
	11446.5	32.7	15.2	47.9	74.0	-26.1	Peak	Horizontal
*	16861.0	32.6	18.6	51.2	68.2	-17.0	Peak	Horizontal
	8386.5	33.5	10.0	43.5	74.0	-30.5	Peak	Vertical
*	10401.0	33.4	13.8	47.2	68.2	-21.0	Peak	Vertical
	11540.0	32.5	16.0	48.5	74.0	-25.5	Peak	Vertical
*	16801.5	30.6	19.0	49.6	68.2	-18.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11n-HT20 – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8352.5	33.6	10.0	43.6	74.0	-30.4	Peak	Horizontal
*	9942.0	31.8	11.9	43.7	68.2	-24.5	Peak	Horizontal
	15654.0	36.2	16.1	52.3	74.0	-21.7	Peak	Horizontal
*	16767.5	30.6	17.7	48.3	68.2	-19.9	Peak	Horizontal
	8352.5	34.1	10.0	44.1	74.0	-29.9	Peak	Vertical
*	10052.5	34.6	12.5	47.1	68.2	-21.1	Peak	Vertical
	12220.0	32.3	15.0	47.3	74.0	-26.7	Peak	Vertical
*	16325.5	30.9	17.3	48.2	68.2	-20.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11n-HT20 – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8140.0	34.8	9.4	44.2	74.0	-29.8	Peak	Horizontal
*	10239.5	33.9	13.0	46.9	68.2	-21.3	Peak	Horizontal
	15721.0	28.1	16.8	44.9	54.0	-9.1	Average	Horizontal
	15730.5	36.7	16.7	53.4	74.0	-20.6	Peak	Horizontal
*	16869.5	31.7	18.8	50.5	68.2	-17.7	Peak	Horizontal
	8378.0	33.4	10.0	43.4	74.0	-30.6	Peak	Vertical
*	10392.5	33.1	13.6	46.7	68.2	-21.5	Peak	Vertical
	11489.0	32.3	15.3	47.6	74.0	-26.4	Peak	Vertical
*	16793.0	31.0	18.8	49.8	68.2	-18.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11n-HT20 – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8225.0	34.3	9.5	43.8	74.0	-30.2	Peak	Horizontal
*	10001.5	33.2	12.4	45.6	68.2	-22.6	Peak	Horizontal
	11463.5	33.0	15.4	48.4	74.0	-25.6	Peak	Horizontal
*	17235.0	35.0	21.0	56.0	68.2	-12.2	Peak	Horizontal
	8114.5	34.8	9.1	43.9	74.0	-30.1	Peak	Vertical
*	9738.0	33.8	12.2	46.0	68.2	-22.2	Peak	Vertical
	11166.0	32.5	15.2	47.7	74.0	-26.3	Peak	Vertical
*	17235.0	32.7	21.0	53.7	68.2	-14.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11n-HT20 – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8276.0	32.7	9.5	42.2	74.0	-31.8	Peak	Horizontal
*	9746.5	34.2	12.1	46.3	68.2	-21.9	Peak	Horizontal
	11565.5	32.1	15.7	47.8	74.0	-26.2	Peak	Horizontal
*	17184.0	31.8	20.0	51.8	68.2	-16.4	Peak	Horizontal
	8378.0	34.2	10.0	44.2	74.0	-29.8	Peak	Vertical
*	9653.0	34.4	11.8	46.2	68.2	-22.0	Peak	Vertical
	10885.5	33.2	14.7	47.9	74.0	-26.1	Peak	Vertical
*	16844.0	31.7	18.6	50.3	68.2	-17.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11n-HT20 – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit.			
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	8386.5	33.3	10.0	43.3	74.0	-30.7	Peak	Horizontal
*	9984.5	32.8	12.5	45.3	68.2	-22.9	Peak	Horizontal
	11149.0	33.1	15.5	48.6	74.0	-25.4	Peak	Horizontal
*	16444.5	30.6	17.6	48.2	68.2	-20.0	Peak	Horizontal
	8267.5	33.1	9.4	42.5	74.0	-31.5	Peak	Vertical
*	10095.0	33.0	12.8	45.8	68.2	-22.4	Peak	Vertical
	11531.5	32.2	15.6	47.8	74.0	-26.2	Peak	Vertical
*	16784.5	29.2	18.5	47.7	68.2	-20.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11n-HT40 – Channel 38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	8386.5	31.9	10.0	41.9	74.0	-32.1	Peak	Horizontal
*	9882.5	34.0	12.1	46.1	68.2	-22.1	Peak	Horizontal
	11106.5	32.3	15.3	47.6	74.0	-26.4	Peak	Horizontal
*	13707.5	31.8	16.7	48.5	68.2	-19.7	Peak	Horizontal
	8352.5	34.5	10.0	44.5	74.0	-29.5	Peak	Vertical
*	9925.0	34.0	12.1	46.1	68.2	-22.1	Peak	Vertical
	10783.5	33.3	14.4	47.7	74.0	-26.3	Peak	Vertical
*	13741.5	32.5	16.5	49.0	68.2	-19.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11n-HT40 – Channel 46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8361.0	33.2	9.9	43.1	74.0	-30.9	Peak	Horizontal
*	9857.0	32.4	11.7	44.1	68.2	-24.1	Peak	Horizontal
	11412.5	33.2	15.0	48.2	74.0	-25.8	Peak	Horizontal
*	14923.0	33.6	17.8	51.4	68.2	-16.8	Peak	Horizontal
	8361.0	34.6	9.9	44.5	74.0	-29.5	Peak	Vertical
*	9729.5	34.1	12.1	46.2	68.2	-22.0	Peak	Vertical
	11115.0	32.7	15.6	48.3	74.0	-25.7	Peak	Vertical
*	13631.0	32.1	16.8	48.9	68.2	-19.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11n-HT40 – Channel 151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8165.5	33.6	9.2	42.8	74.0	-31.2	Peak	Horizontal
*	10282.0	34.4	13.4	47.8	68.2	-20.4	Peak	Horizontal
	11191.5	33.8	15.5	49.3	74.0	-24.7	Peak	Horizontal
*	16436.0	31.8	17.3	49.1	68.2	-19.1	Peak	Horizontal
	8446.0	34.5	10.4	44.9	74.0	-29.1	Peak	Vertical
*	9593.5	35.0	11.8	46.8	68.2	-21.4	Peak	Vertical
	11064.0	32.8	15.1	47.9	74.0	-26.1	Peak	Vertical
*	16835.5	32.6	18.8	51.4	68.2	-16.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11n-HT40 – Channel 159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8148.5	34.2	9.4	43.6	74.0	-30.4	Peak	Horizontal
*	9823.0	35.0	11.9	46.9	68.2	-21.3	Peak	Horizontal
	11625.0	32.3	16.3	48.6	74.0	-25.4	Peak	Horizontal
*	16461.5	31.8	17.8	49.6	68.2	-18.6	Peak	Horizontal
	8378.0	34.1	10.0	44.1	74.0	-29.9	Peak	Vertical
*	9823.0	35.0	11.9	46.9	68.2	-21.3	Peak	Vertical
	11174.5	32.5	15.4	47.9	74.0	-26.1	Peak	Vertical
*	16351.0	31.4	17.1	48.5	68.2	-19.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11ac-VHT20 – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8199.5	33.4	9.1	42.5	74.0	-31.5	Peak	Horizontal
*	10018.5	33.6	12.6	46.2	68.2	-22.0	Peak	Horizontal
	15535.0	34.9	17.6	52.5	74.0	-21.5	Peak	Horizontal
*	16903.5	31.3	19.2	50.5	68.2	-17.7	Peak	Horizontal
	8242.0	33.2	9.5	42.7	74.0	-31.3	Peak	Vertical
*	9891.0	34.4	12.1	46.5	68.2	-21.7	Peak	Vertical
	11217.0	30.4	15.0	45.4	74.0	-28.6	Peak	Vertical
*	17014.0	29.2	18.9	48.1	68.2	-20.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11ac-VHT20 – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8267.5	34.1	9.4	43.5	74.0	-30.5	Peak	Horizontal
*	10197.0	34.0	12.6	46.6	68.2	-21.6	Peak	Horizontal
	15654.0	37.1	16.1	53.2	74.0	-20.8	Peak	Horizontal
	15659.6	28.0	16.1	44.1	54.0	-9.9	Average	Horizontal
*	16793.0	30.1	18.8	48.9	68.2	-19.3	Peak	Horizontal
	8369.5	34.5	9.9	44.4	74.0	-29.6	Peak	Vertical
*	9814.5	33.4	11.9	45.3	68.2	-22.9	Peak	Vertical
	10809.0	33.7	14.7	48.4	74.0	-25.6	Peak	Vertical
*	16818.5	31.1	19.1	50.2	68.2	-18.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11ac-VHT20 – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8284.5	34.8	9.6	44.4	74.0	-29.6	Peak	Horizontal
*	9874.0	34.9	12.1	47.0	68.2	-21.2	Peak	Horizontal
	15713.5	37.2	16.6	53.8	74.0	-20.2	Peak	Horizontal
	15717.3	28.5	16.7	45.2	54.0	-8.8	Average	Horizontal
*	17549.5	31.9	22.6	54.5	68.2	-13.7	Peak	Horizontal
	8344.0	33.9	10.1	44.0	74.0	-30.0	Peak	Vertical
*	9712.5	33.8	11.9	45.7	68.2	-22.5	Peak	Vertical
	11497.5	32.7	15.4	48.1	74.0	-25.9	Peak	Vertical
*	16793.0	30.8	18.8	49.6	68.2	-18.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11ac-VHT20 – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	8446.0	33.7	10.4	44.1	74.0	-29.9	Peak	Horizontal
*	9789.0	33.8	12.3	46.1	68.2	-22.1	Peak	Horizontal
	11480.5	34.5	15.5	50.0	74.0	-24.0	Peak	Horizontal
*	17243.5	35.2	21.2	56.4	68.2	-11.8	Peak	Horizontal
	8488.5	33.5	10.7	44.2	74.0	-29.8	Peak	Vertical
*	10188.5	33.0	12.5	45.5	68.2	-22.7	Peak	Vertical
	11174.5	33.3	15.4	48.7	74.0	-25.3	Peak	Vertical
*	16835.5	29.1	18.8	47.9	68.2	-20.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11ac-VHT20 – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	8284.5	34.8	9.6	44.4	74.0	-29.6	Peak	Horizontal
*	9874.0	32.7	12.1	44.8	68.2	-23.4	Peak	Horizontal
	11565.5	33.5	15.7	49.2	74.0	-24.8	Peak	Horizontal
*	16759.0	31.4	17.4	48.8	68.2	-19.4	Peak	Horizontal
	8276.0	32.7	9.5	42.2	74.0	-31.8	Peak	Vertical
*	10239.5	33.6	13.0	46.6	68.2	-21.6	Peak	Vertical
	11183.0	32.4	15.5	47.9	74.0	-26.1	Peak	Vertical
*	17362.5	32.3	21.1	53.4	68.2	-14.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11ac-VHT20 – Channel 165
Test Mode	802.11ac-VHT20		Test Channel	149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	8284.5	33.8	9.6	43.4	74.0	-30.6	Peak	Horizontal
*	9746.5	34.0	12.1	46.1	68.2	-22.1	Peak	Horizontal
	11642.0	33.7	15.9	49.6	74.0	-24.4	Peak	Horizontal
*	17473.0	34.3	22.1	56.4	68.2	-11.8	Peak	Horizontal
	8352.5	33.8	10.0	43.8	74.0	-30.2	Peak	Vertical
*	9780.5	33.8	12.2	46.0	68.2	-22.2	Peak	Vertical
	10868.5	33.7	14.6	48.3	74.0	-25.7	Peak	Vertical
*	16878.0	32.2	19.0	51.2	68.2	-17.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11ac-VHT40 – Channel 38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8378.0	34.4	10.0	44.4	74.0	-29.6	Peak	Horizontal
*	9899.5	33.6	12.2	45.8	68.2	-22.4	Peak	Horizontal
	11548.5	33.6	15.9	49.5	74.0	-24.5	Peak	Horizontal
*	16725.0	31.3	17.8	49.1	68.2	-19.1	Peak	Horizontal
	8293.0	34.0	9.7	43.7	74.0	-30.3	Peak	Vertical
*	10282.0	33.9	13.4	47.3	68.2	-20.9	Peak	Vertical
	10851.5	33.7	14.5	48.2	74.0	-25.8	Peak	Vertical
*	16648.5	29.6	17.0	46.6	68.2	-21.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11ac-VHT40 – Channel 46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	8310.0	34.9	9.9	44.8	74.0	-29.2	Peak	Horizontal
*	9823.0	34.0	11.9	45.9	68.2	-22.3	Peak	Horizontal
	11123.5	32.8	15.5	48.3	74.0	-25.7	Peak	Horizontal
*	16946.0	32.5	19.2	51.7	68.2	-16.5	Peak	Horizontal
	8276.0	32.7	9.5	42.2	74.0	-31.8	Peak	Vertical
*	9882.5	33.0	12.1	45.1	68.2	-23.1	Peak	Vertical
	11514.5	32.7	15.4	48.1	74.0	-25.9	Peak	Vertical
*	16453.0	33.0	17.9	50.9	68.2	-17.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11ac-VHT40 – Channel 151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8284.5	34.3	9.6	43.9	74.0	-30.1	Peak	Horizontal
*	9772.0	32.7	12.1	44.8	68.2	-23.4	Peak	Horizontal
	12152.0	33.6	15.3	48.9	74.0	-25.1	Peak	Horizontal
*	16886.5	31.8	19.1	50.9	68.2	-17.3	Peak	Horizontal
	8284.5	34.4	9.6	44.0	74.0	-30.0	Peak	Vertical
*	9695.5	34.3	11.9	46.2	68.2	-22.0	Peak	Vertical
	11540.0	32.7	16.0	48.7	74.0	-25.3	Peak	Vertical
*	16818.5	32.1	19.1	51.2	68.2	-17.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11ac-VHT40 – Channel 159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8216.5	33.6	9.3	42.9	74.0	-31.1	Peak	Horizontal
*	10214.0	33.6	13.0	46.6	68.2	-21.6	Peak	Horizontal
	11191.5	32.8	15.5	48.3	74.0	-25.7	Peak	Horizontal
*	16810.0	31.7	19.2	50.9	68.2	-17.3	Peak	Horizontal
	8293.0	33.1	9.7	42.8	74.0	-31.2	Peak	Vertical
*	10018.5	32.9	12.6	45.5	68.2	-22.7	Peak	Vertical
	11064.0	33.1	15.1	48.2	74.0	-25.8	Peak	Vertical
*	16793.0	31.2	18.8	50.0	68.2	-18.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11ac-VHT80 – Channel 42
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

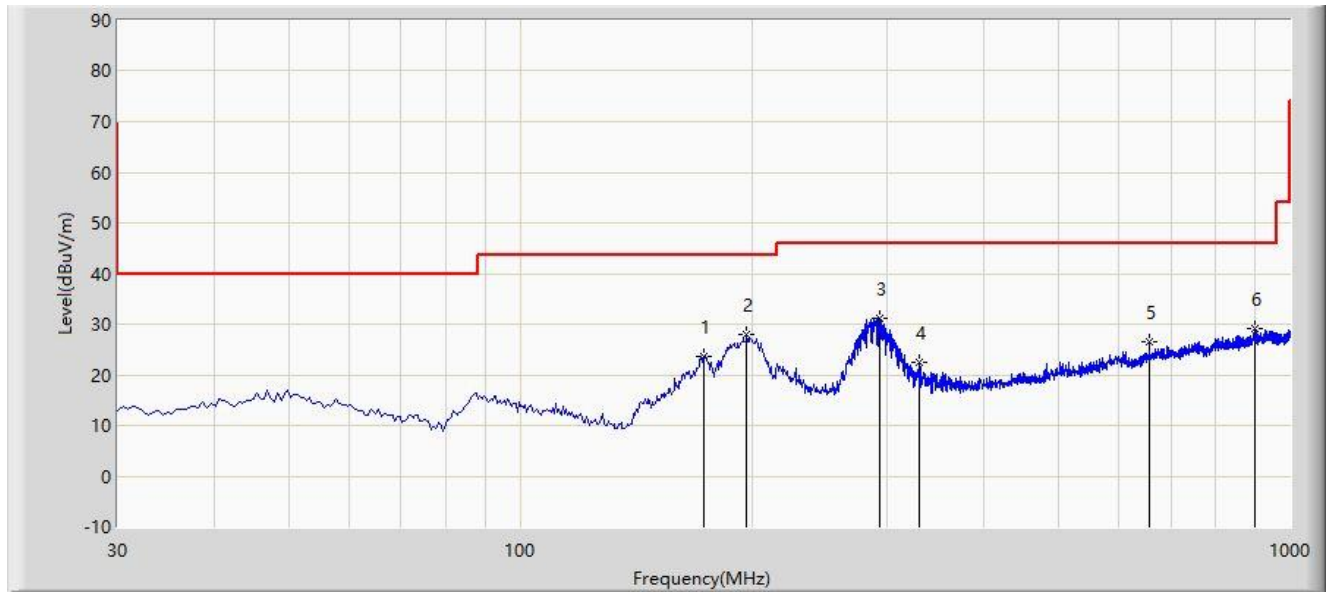| Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	8403.5	34.7	10.1	44.8	74.0	-29.2	Peak	Horizontal
*	9789.0	34.4	12.3	46.7	68.2	-21.5	Peak	Horizontal
	11455.0	33.6	15.1	48.7	74.0	-25.3	Peak	Horizontal
*	17090.5	30.5	18.6	49.1	68.2	-19.1	Peak	Horizontal
	8199.5	33.8	9.1	42.9	74.0	-31.1	Peak	Vertical
*	9780.5	33.4	12.2	45.6	68.2	-22.6	Peak	Vertical
	11115.0	34.1	15.6	49.7	74.0	-24.3	Peak	Vertical
*	16793.0	31.9	18.8	50.7	68.2	-17.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	NS-AC1		Test Engineer	Dillon Diao
Test Date	2021/10/22		Test Mode	802.11ac-VHT80 – Channel 155
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8361.0	34.9	9.9	44.8	74.0	-29.2	Peak	Horizontal
*	10052.5	33.9	12.5	46.4	68.2	-21.8	Peak	Horizontal
	11132.0	31.8	15.3	47.1	74.0	-26.9	Peak	Horizontal
*	17090.5	29.9	18.6	48.5	68.2	-19.7	Peak	Horizontal
	8497.0	34.0	10.7	44.7	74.0	-29.3	Peak	Vertical
*	9644.5	33.9	11.7	45.6	68.2	-22.6	Peak	Vertical
	11047.0	34.4	14.9	49.3	74.0	-24.7	Peak	Vertical
*	14829.5	34.4	17.8	52.2	68.2	-16.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

The Result of Radiated Emission below 1GHz:

Site: NS-AC1	Time: 2021/10/12
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_VULB9162	Polarity: Horizontal
EUT: Nautiz X9	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			173.075	23.702	11.054	-19.798	43.500	12.648	PK
2			196.840	28.069	13.047	-15.431	43.500	15.022	PK
3		*	293.355	31.259	14.347	-14.741	46.000	16.912	PK
4			329.245	22.526	4.818	-23.474	46.000	17.708	PK
5			655.650	26.444	2.196	-19.556	46.000	24.248	PK
6			900.575	29.070	1.367	-16.930	46.000	27.703	PK

Note 1: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: QP measurement was not performed when peak measure level was lower than the QP limit.

Note 3: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 40GHz) is

that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

Site: NS-AC1	Time: 2021/10/12
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_VULB9162	Polarity: Vertical
EUT: Nautiz X9	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz	
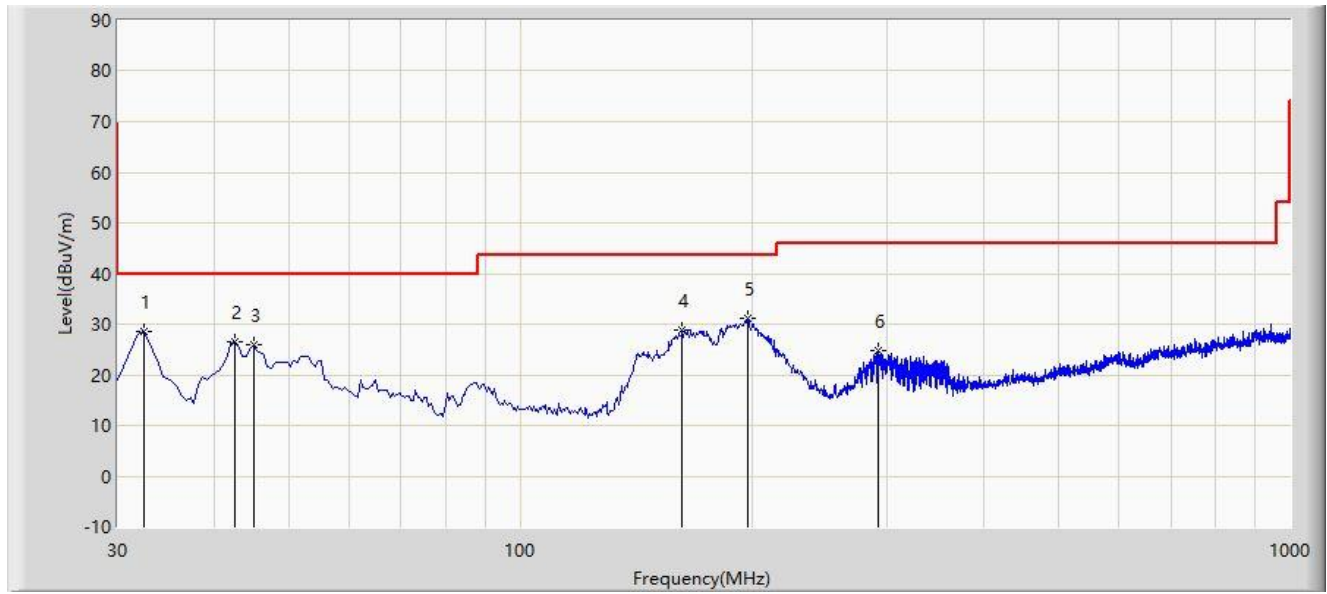
No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	32.425	28.646	14.510	-11.354	40.000	14.136	PK
2			42.610	26.529	9.619	-13.471	40.000	16.910	PK
3			45.035	25.831	8.507	-14.169	40.000	17.324	PK
4			162.405	28.807	16.567	-14.693	43.500	12.240	PK
5			197.325	31.192	16.153	-12.308	43.500	15.039	PK
6			291.900	24.660	7.763	-21.340	46.000	16.897	PK

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: QP measurement was not performed when peak measure level was lower than the QP limit.

Note 3: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 40GHz) is

that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

A.7 Radiated Restricted Band Edge Test Result

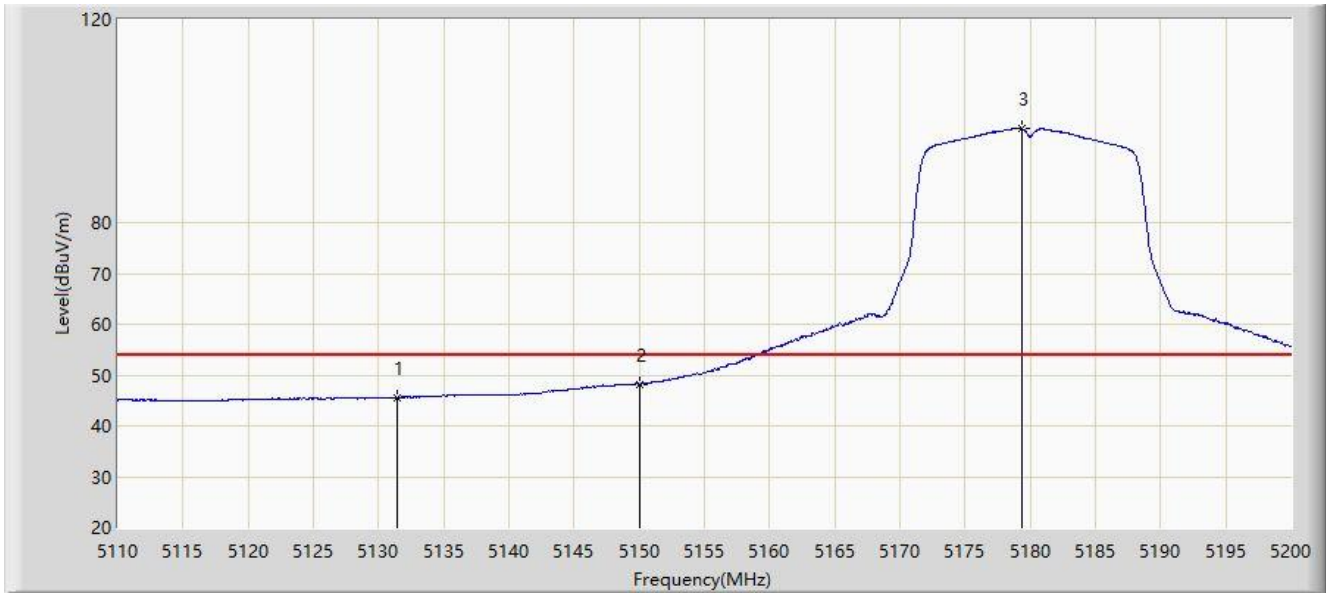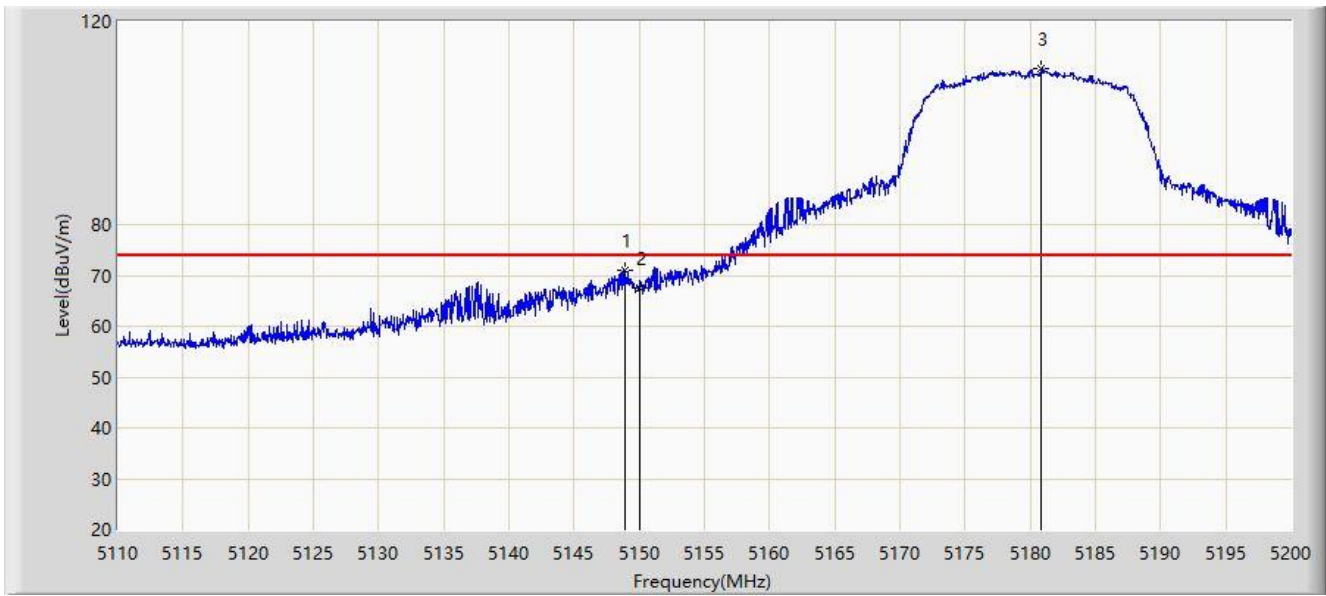| Site: NS-AC1	Time: 2021/10/14
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Nautiz X9	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz	
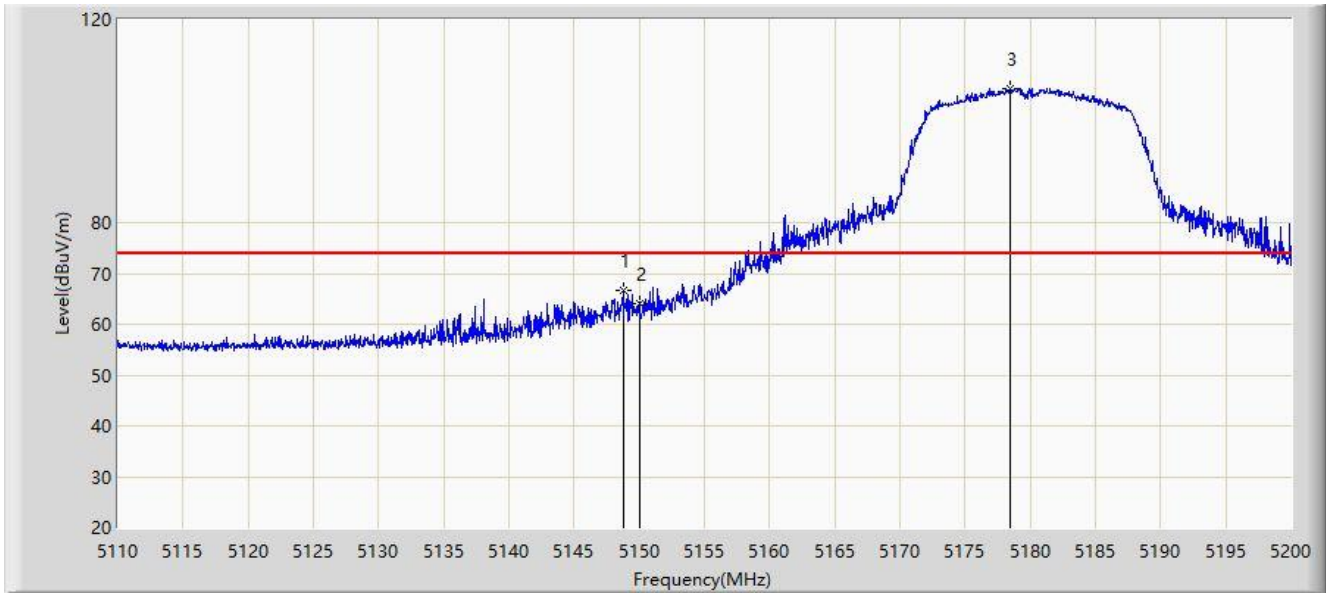
No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5148.745	66.523	64.147	-7.477	74.000	2.376	PK
2			5150.000	64.082	61.717	-9.918	74.000	2.365	PK
3		*	5178.445	106.507	104.246	N/A	N/A	2.261	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2021/10/14
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Nautiz X9	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5131.465	45.625	43.289	-8.375	54.000	2.336	AV
2			5150.000	48.176	45.811	-5.824	54.000	2.365	AV
3		*	5179.390	98.454	96.192	N/A	N/A	2.262	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

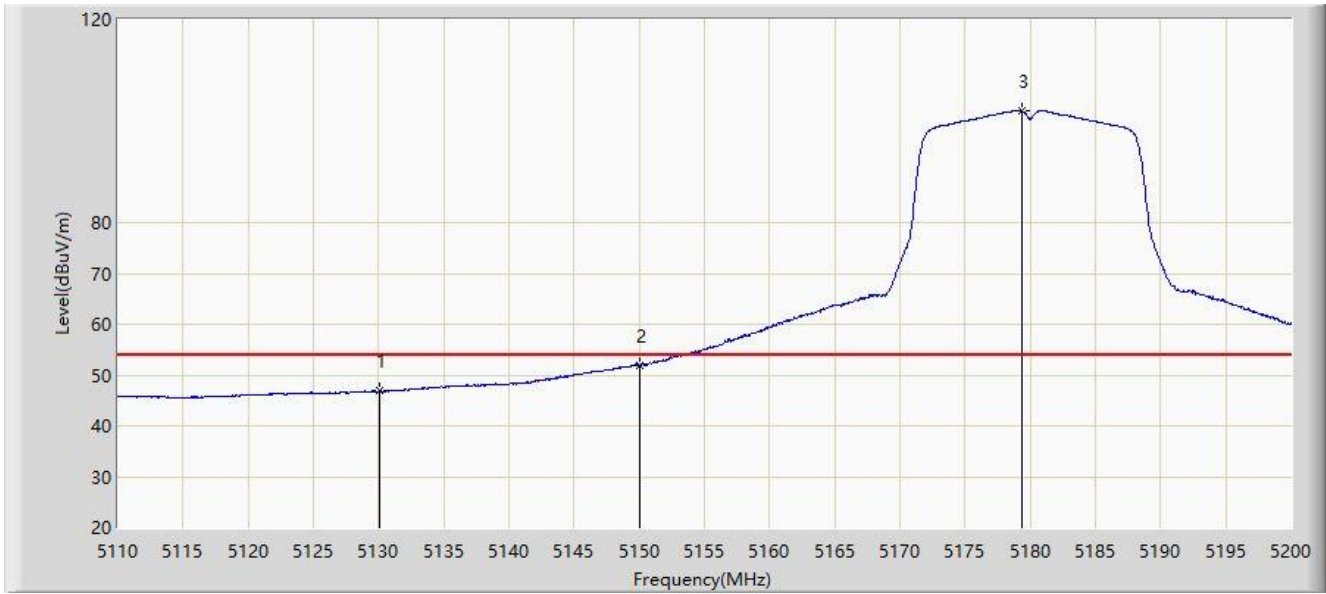| Site: NS-AC1	Time: 2021/10/14
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Nautiz X9	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5148.925	70.913	68.538	-3.087	74.000	2.375	PK
2			5150.000	67.624	65.259	-6.376	74.000	2.365	PK
3		*	5180.875	110.632	108.367	N/A	N/A	2.265	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

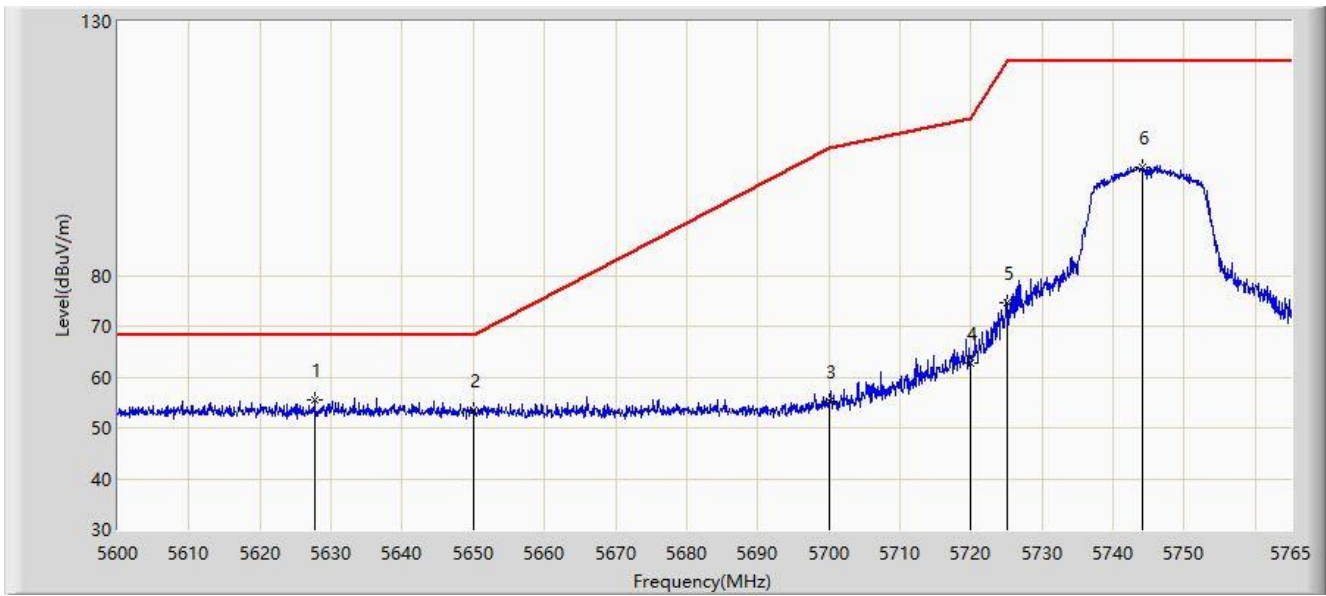| Site: NS-AC1	Time: 2021/10/14
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Nautiz X9	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5130.115	46.930	44.600	-7.070	54.000	2.330	AV
2			5150.000	51.974	49.609	-2.026	54.000	2.365	AV
3		*	5179.390	101.944	99.682	N/A	N/A	2.262	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

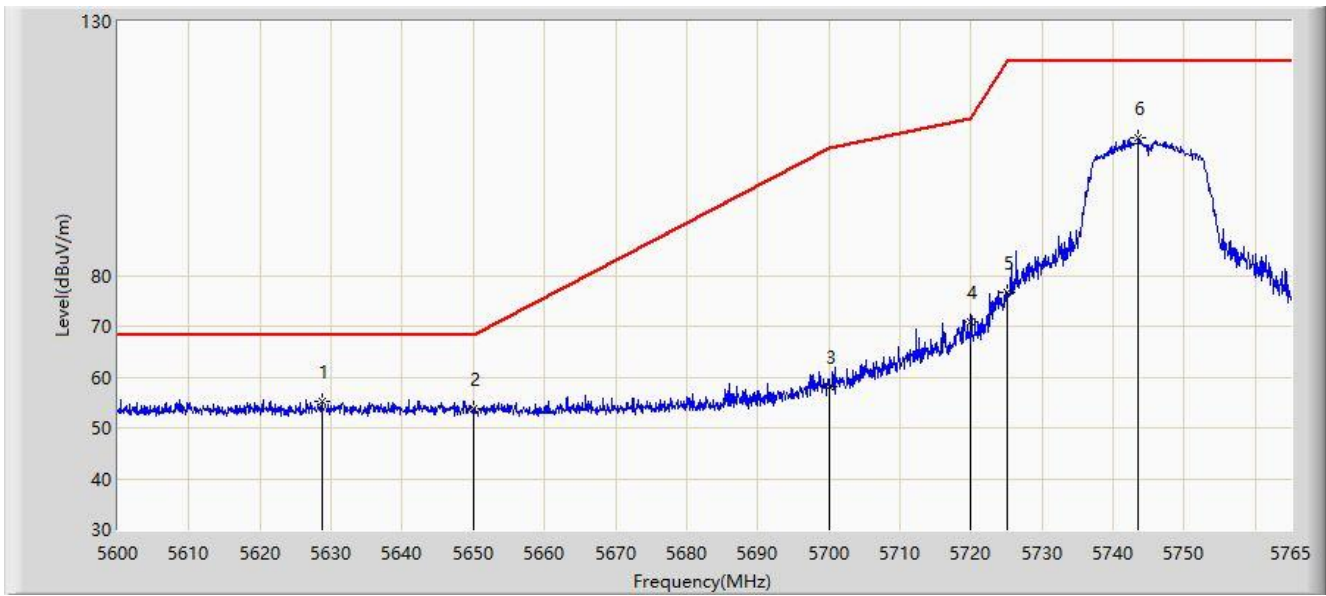| Site: NS-AC1	Time: 2021/10/22
Limit: FCC_Part 15.407_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Nautiz X9	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5627.720	55.384	52.595	-12.816	68.200	2.789	PK
2			5650.000	53.420	50.768	-14.780	68.200	2.652	PK
3			5700.000	55.306	52.385	-49.894	105.200	2.921	PK
4			5720.000	62.764	59.801	-48.036	110.800	2.963	PK
5			5725.000	74.517	71.604	-47.683	122.200	2.913	PK
6			5744.210	101.290	98.587	N/A	N/A	2.703	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

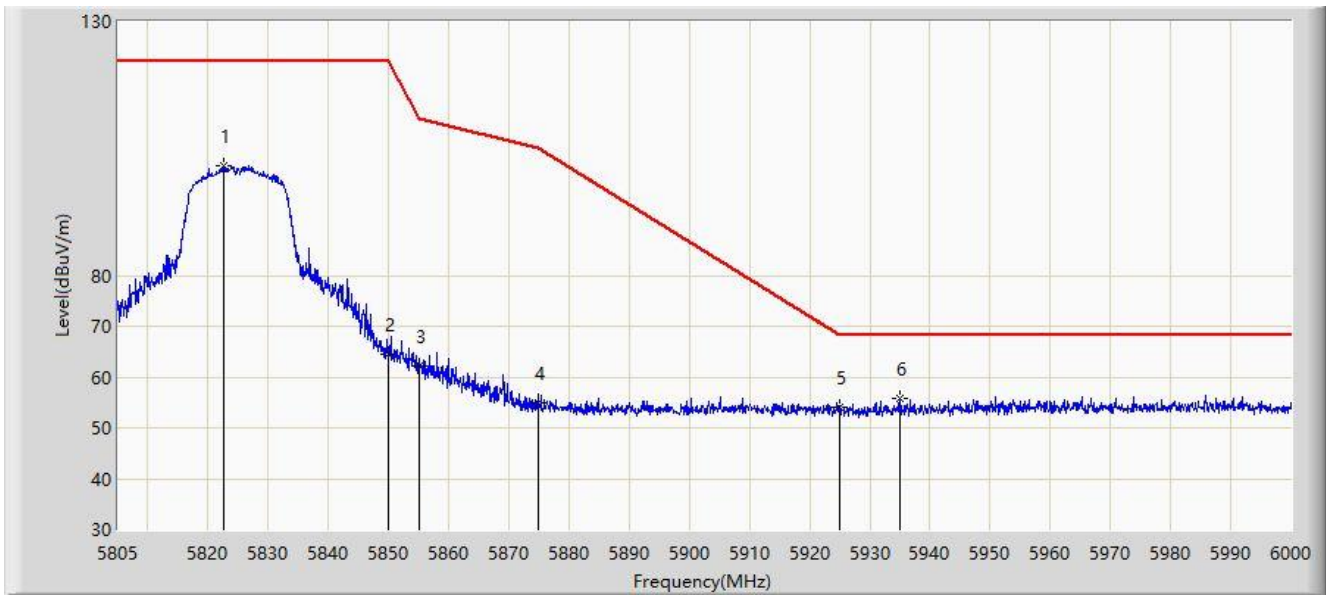| Site: NS-AC1	Time: 2021/10/22
Limit: FCC_Part 15.407_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Nautiz X9	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5628.710	55.214	52.432	-12.986	68.200	2.782	PK
2			5650.000	53.778	51.126	-14.422	68.200	2.652	PK
3			5700.000	58.045	55.124	-47.155	105.200	2.921	PK
4			5720.000	71.012	68.049	-39.788	110.800	2.963	PK
5			5725.000	76.553	73.640	-45.647	122.200	2.913	PK
6			5743.550	107.103	104.411	N/A	N/A	2.692	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

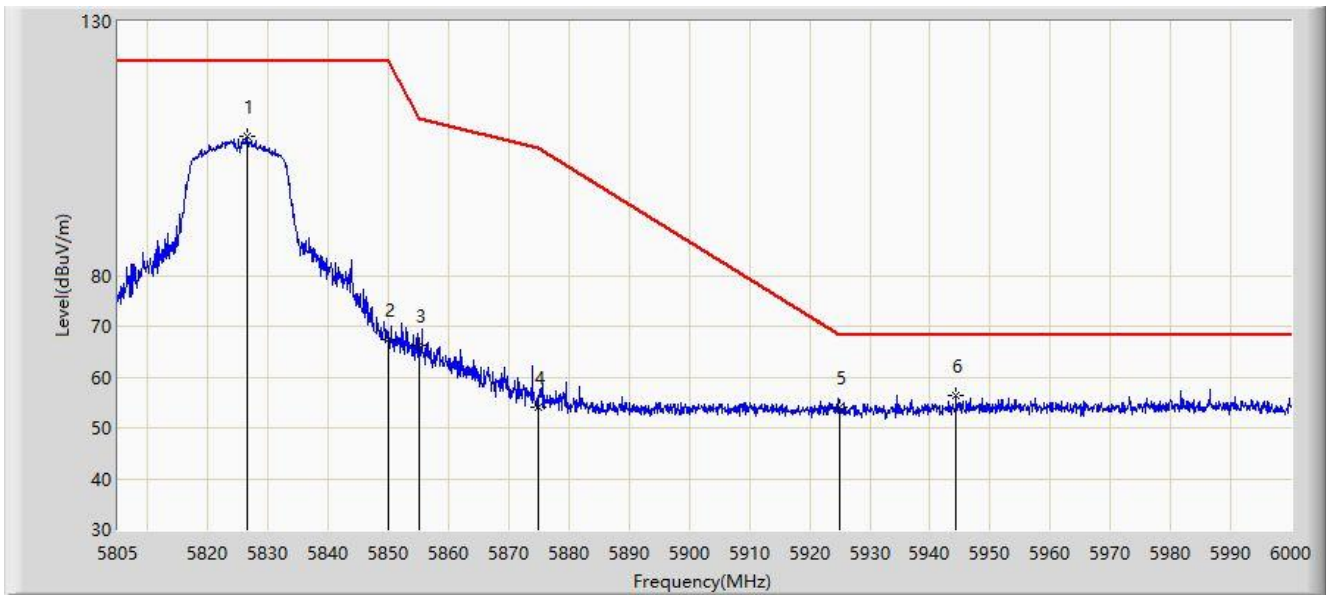| Site: NS-AC1	Time: 2021/10/22
Limit: FCC_Part 15.407_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Nautiz X9	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5822.647	101.630	98.356	N/A	N/A	3.274	PK
2			5850.000	64.559	61.284	-57.641	122.200	3.275	PK
3			5855.000	62.228	58.952	-48.572	110.800	3.276	PK
4			5875.000	54.996	51.541	-50.204	105.200	3.455	PK
5			5925.000	53.974	50.459	-14.226	68.200	3.515	PK
6		*	5934.967	55.749	52.165	-12.451	68.200	3.584	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

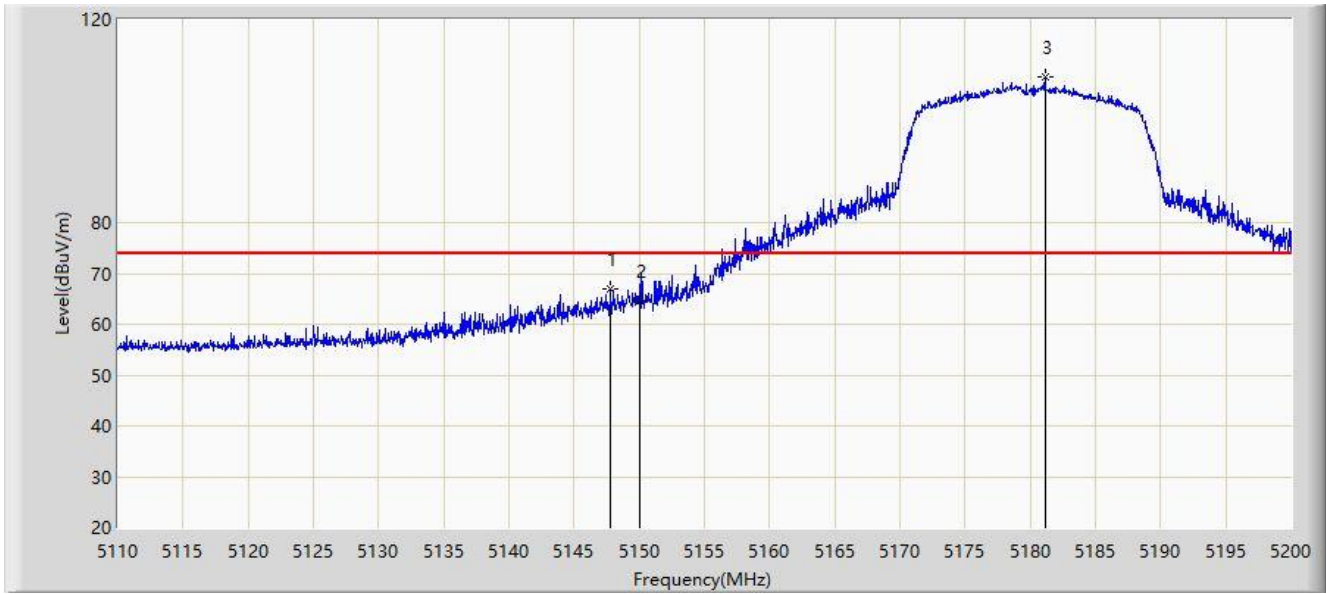| Site: NS-AC1	Time: 2021/10/22
Limit: FCC_Part 15.407_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Nautiz X9	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5826.450	107.429	104.168	N/A	N/A	3.261	PK
2			5850.000	67.390	64.115	-54.810	122.200	3.275	PK
3			5855.000	66.222	62.946	-44.578	110.800	3.276	PK
4			5875.000	54.147	50.692	-51.053	105.200	3.455	PK
5			5925.000	53.943	50.428	-14.257	68.200	3.515	PK
6		*	5944.328	56.285	52.540	-11.915	68.200	3.745	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

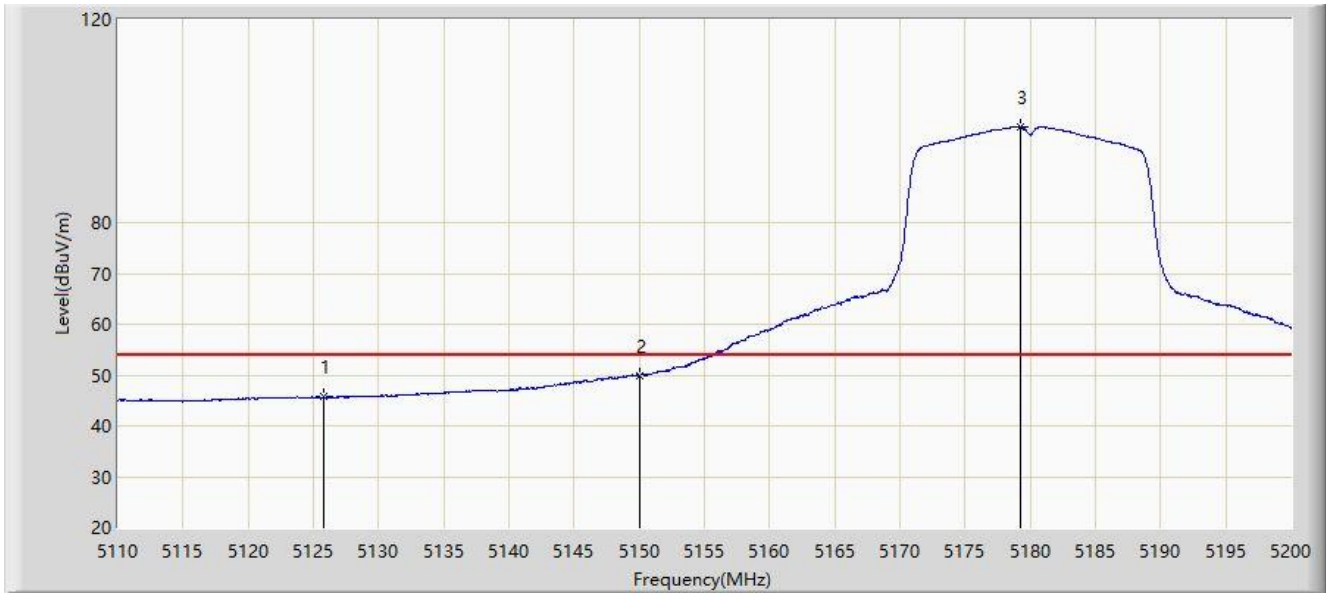| Site: NS-AC1	Time: 2021/10/14
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Nautiz X9	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5147.800	67.057	64.674	-6.943	74.000	2.383	PK
2			5150.000	64.656	62.291	-9.344	74.000	2.365	PK
3		*	5181.145	108.612	106.346	N/A	N/A	2.266	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

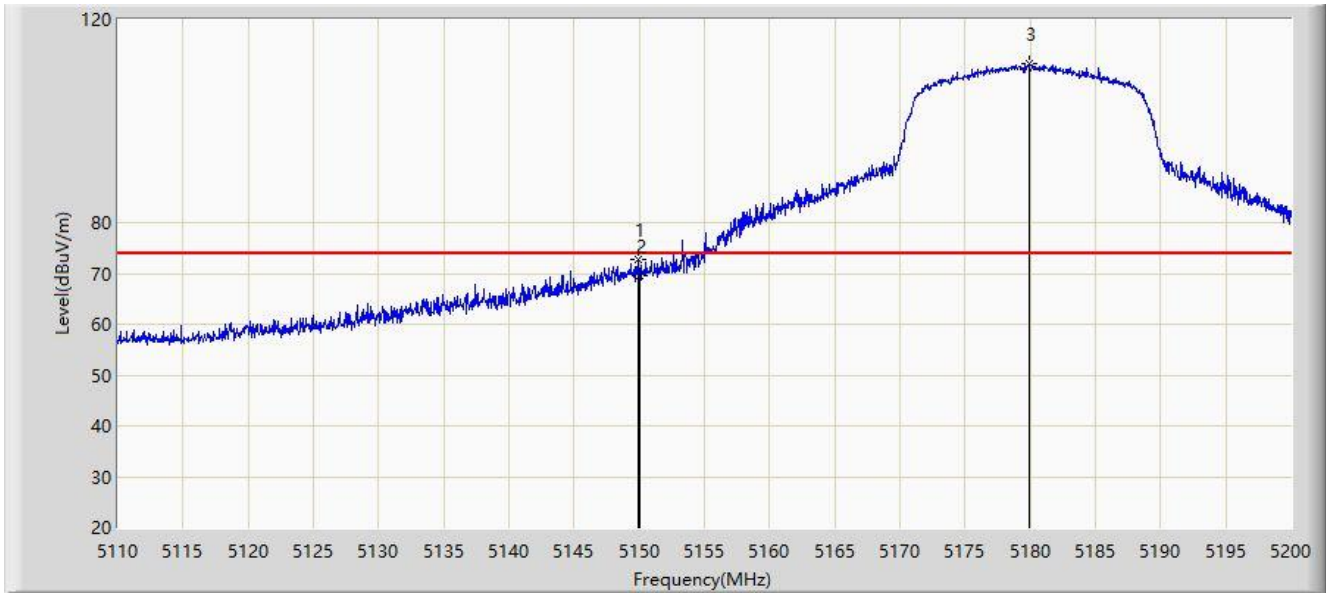| Site: NS-AC1	Time: 2021/10/14
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Nautiz X9	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5125.795	45.683	43.375	-8.317	54.000	2.308	AV
2			5150.000	49.942	47.577	-4.058	54.000	2.365	AV
3		*	5179.255	98.826	96.564	N/A	N/A	2.262	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

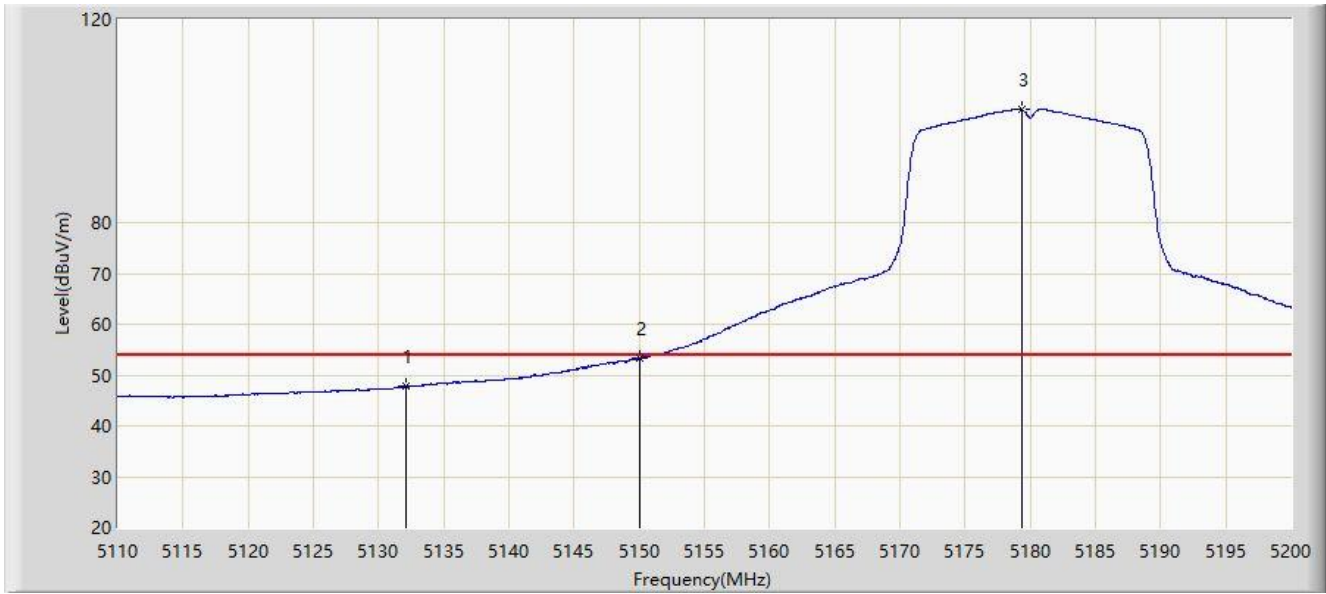| Site: NS-AC1	Time: 2021/10/14
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Nautiz X9	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5149.960	72.876	70.510	-1.124	74.000	2.366	PK
2			5150.000	69.551	67.186	-4.449	74.000	2.365	PK
3		*	5179.930	111.203	108.940	N/A	N/A	2.263	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

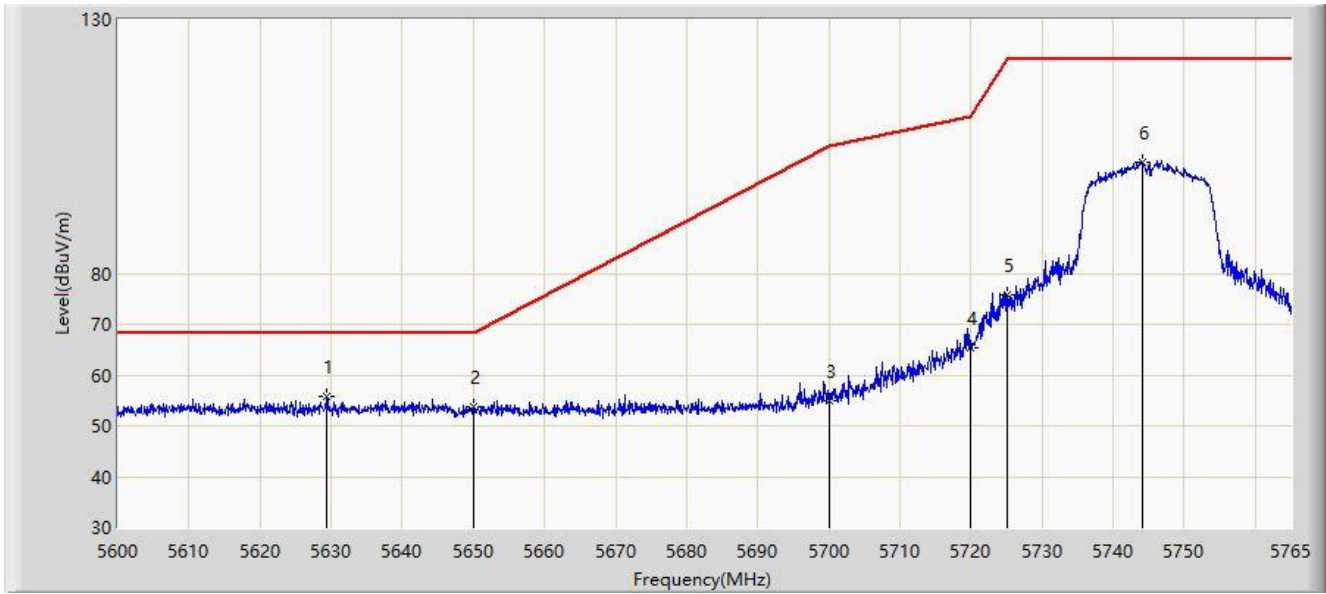| Site: NS-AC1	Time: 2021/10/14
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Nautiz X9	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5132.050	47.813	45.475	-6.187	54.000	2.338	AV
2			5150.000	53.360	50.995	-0.640	54.000	2.365	AV
3		*	5179.390	102.217	99.955	N/A	N/A	2.262	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

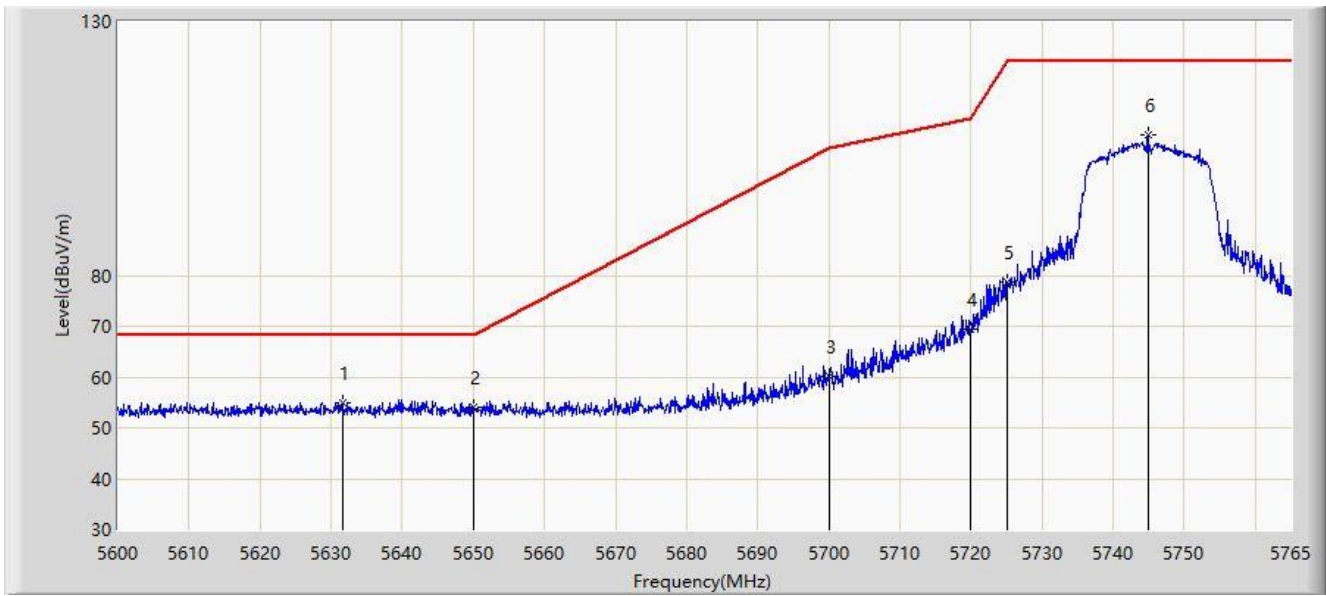| Site: NS-AC1	Time: 2021/10/22
Limit: FCC_Part 15.407_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Nautiz X9	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5629.453	55.668	52.893	-12.532	68.200	2.775	PK
2			5650.000	53.848	51.196	-14.352	68.200	2.652	PK
3			5700.000	54.909	51.988	-50.291	105.200	2.921	PK
4			5720.000	65.483	62.520	-45.317	110.800	2.963	PK
5			5725.000	75.718	72.805	-46.482	122.200	2.913	PK
6			5744.210	101.943	99.240	N/A	N/A	2.703	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

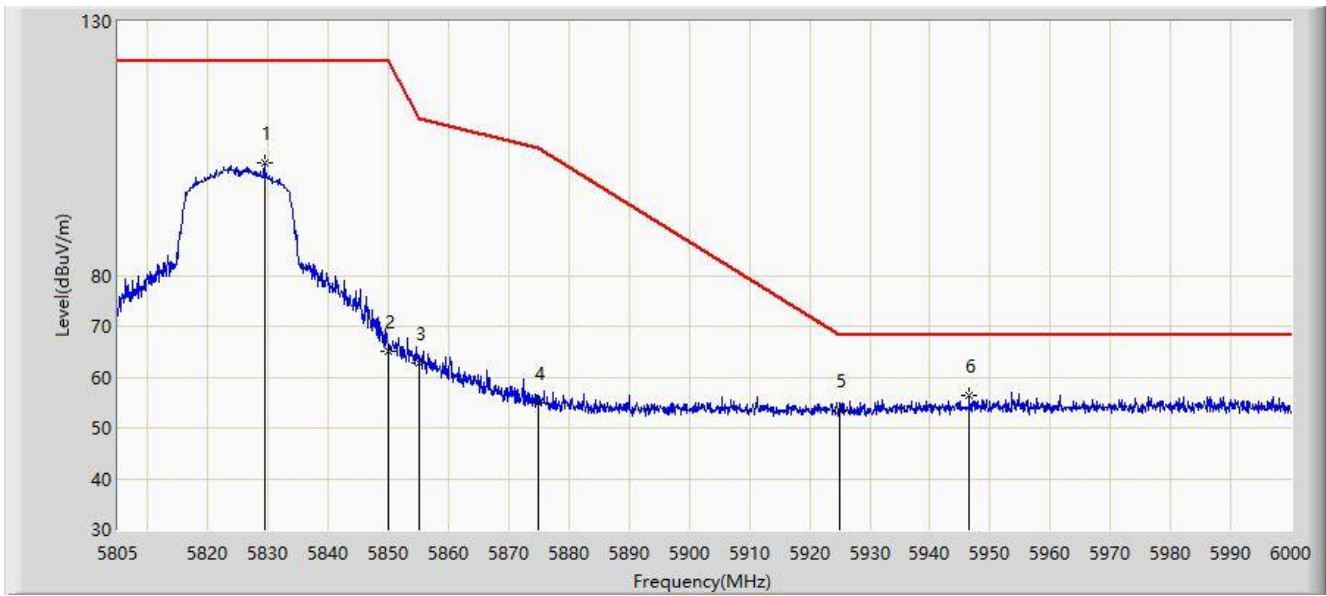| Site: NS-AC1	Time: 2021/10/22
Limit: FCC_Part 15.407_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Nautiz X9	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5631.598	55.031	52.273	-13.169	68.200	2.758	PK
2			5650.000	54.079	51.427	-14.121	68.200	2.652	PK
3			5700.000	60.133	57.212	-45.067	105.200	2.921	PK
4			5720.000	69.511	66.548	-41.289	110.800	2.963	PK
5			5725.000	78.589	75.676	-43.611	122.200	2.913	PK
6			5744.870	107.718	105.003	N/A	N/A	2.715	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

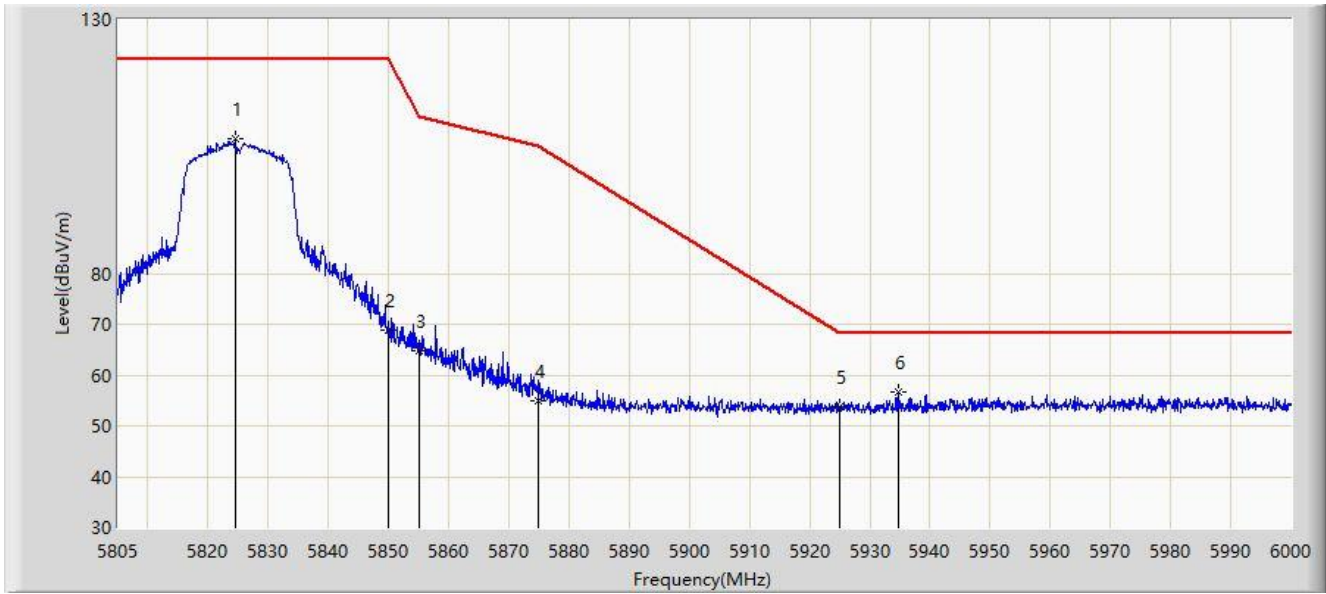| Site: NS-AC1	Time: 2021/10/22
Limit: FCC_Part 15.407_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Nautiz X9	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5829.375	102.058	98.800	N/A	N/A	3.258	PK
2			5850.000	65.110	61.835	-57.090	122.200	3.275	PK
3			5855.000	62.854	59.578	-47.946	110.800	3.276	PK
4			5875.000	54.983	51.528	-50.217	105.200	3.455	PK
5			5925.000	53.444	49.929	-14.756	68.200	3.515	PK
6		*	5946.473	56.380	52.598	-11.820	68.200	3.782	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

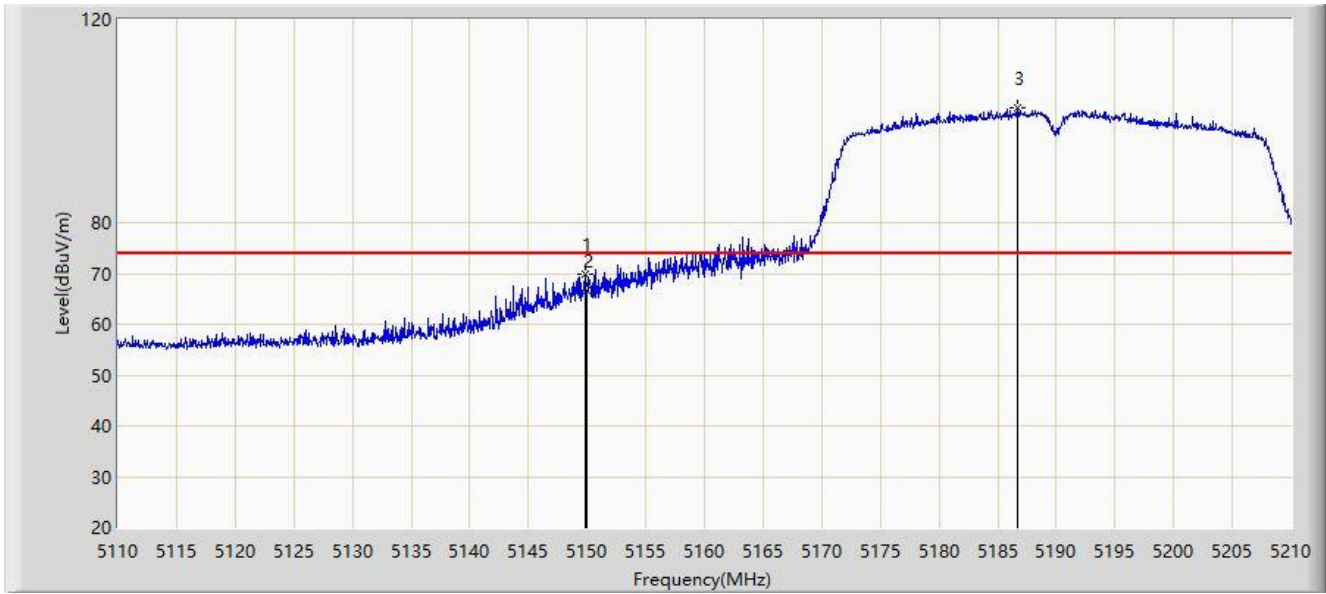| Site: NS-AC1	Time: 2021/10/22
Limit: FCC_Part 15.407_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Nautiz X9	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5824.598	106.454	103.187	N/A	N/A	3.267	PK
2			5850.000	68.741	65.466	-53.459	122.200	3.275	PK
3			5855.000	64.915	61.639	-45.885	110.800	3.276	PK
4			5875.000	55.000	51.545	-50.200	105.200	3.455	PK
5			5925.000	53.748	50.233	-14.452	68.200	3.515	PK
6		*	5934.675	56.634	53.055	-11.566	68.200	3.579	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

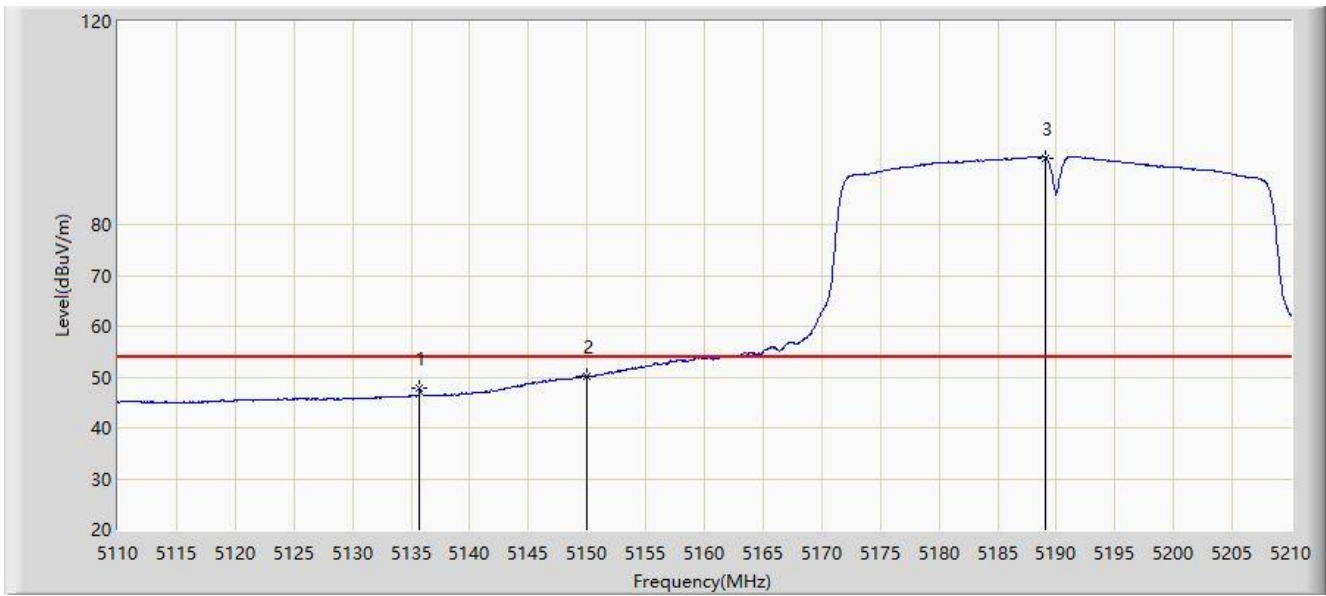| Site: NS-AC1	Time: 2021/10/14
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Nautiz X9	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5149.800	69.735	67.367	-4.265	74.000	2.368	PK
2			5150.000	66.566	64.201	-7.434	74.000	2.365	PK
3		*	5186.650	102.477	100.257	N/A	N/A	2.220	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2021/10/14
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Nautiz X9	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5135.700	47.705	45.358	-6.295	54.000	2.347	AV
2			5150.000	50.143	47.778	-3.857	54.000	2.365	AV
3		*	5189.100	93.176	90.979	N/A	N/A	2.197	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).