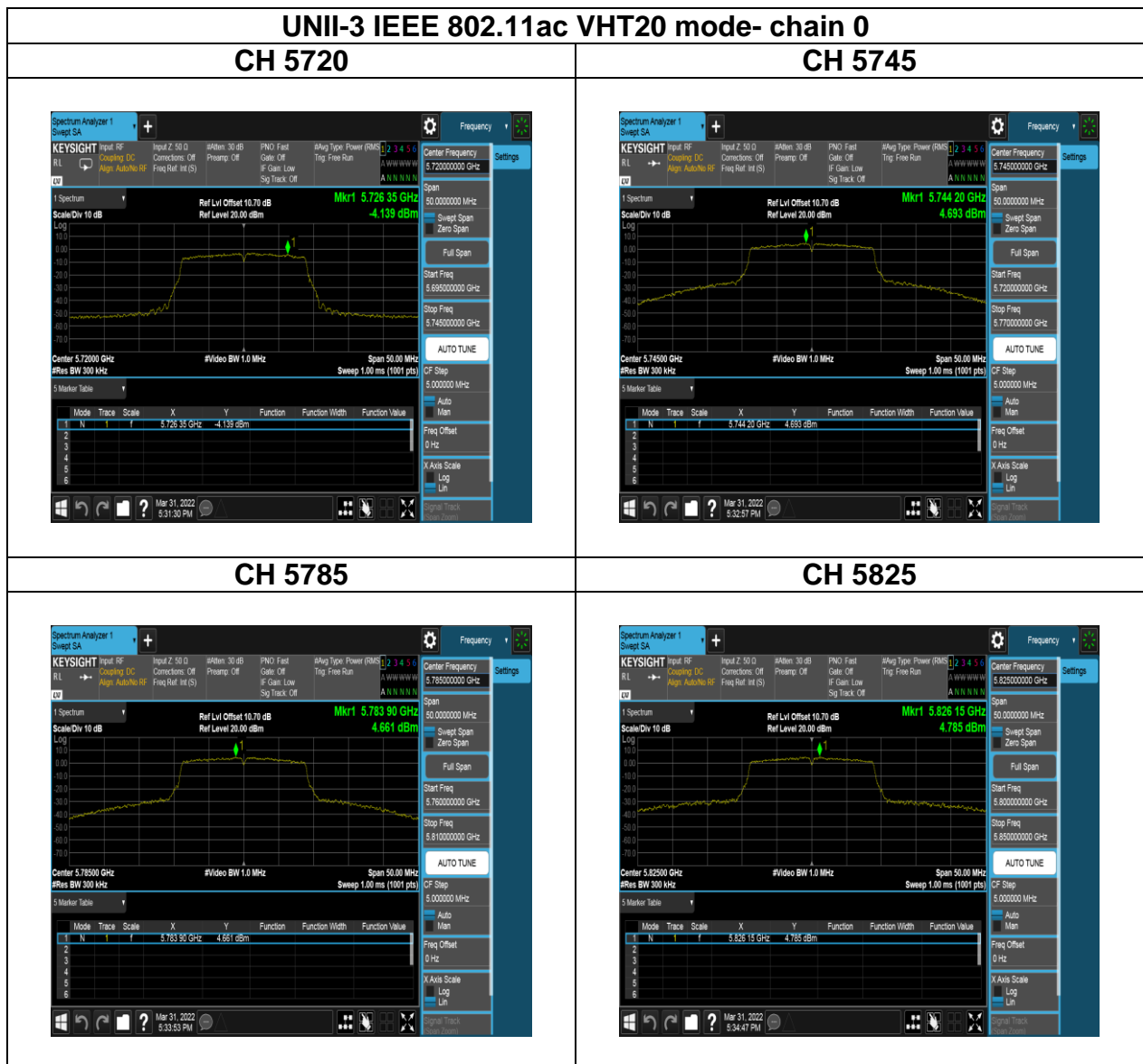


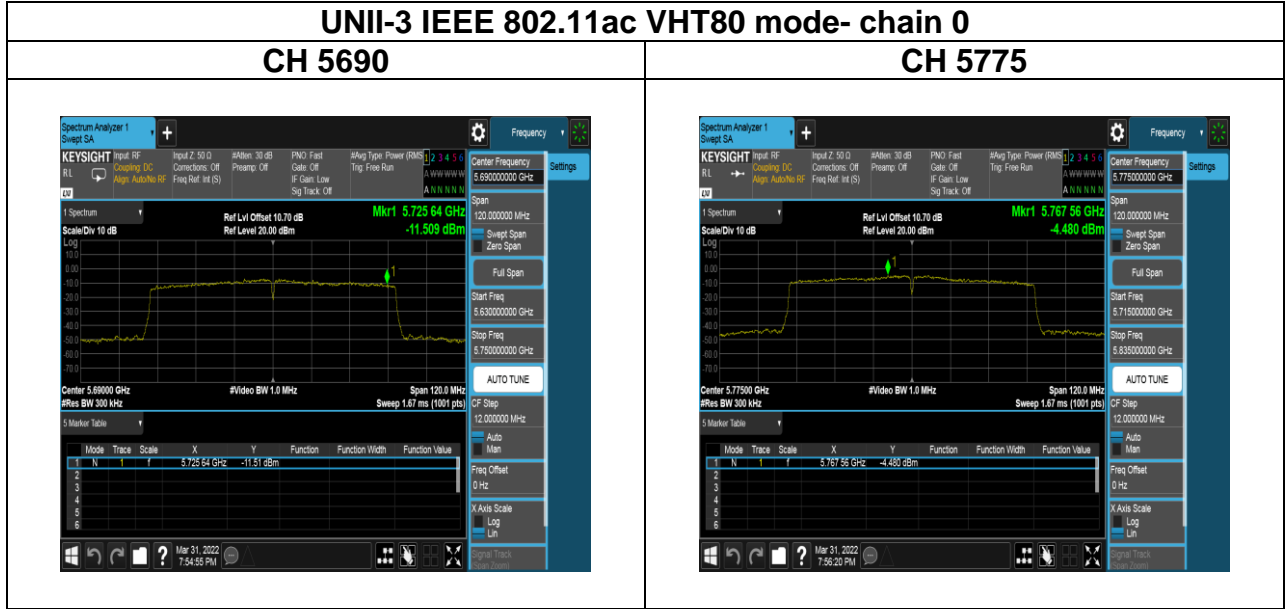
Test Plots



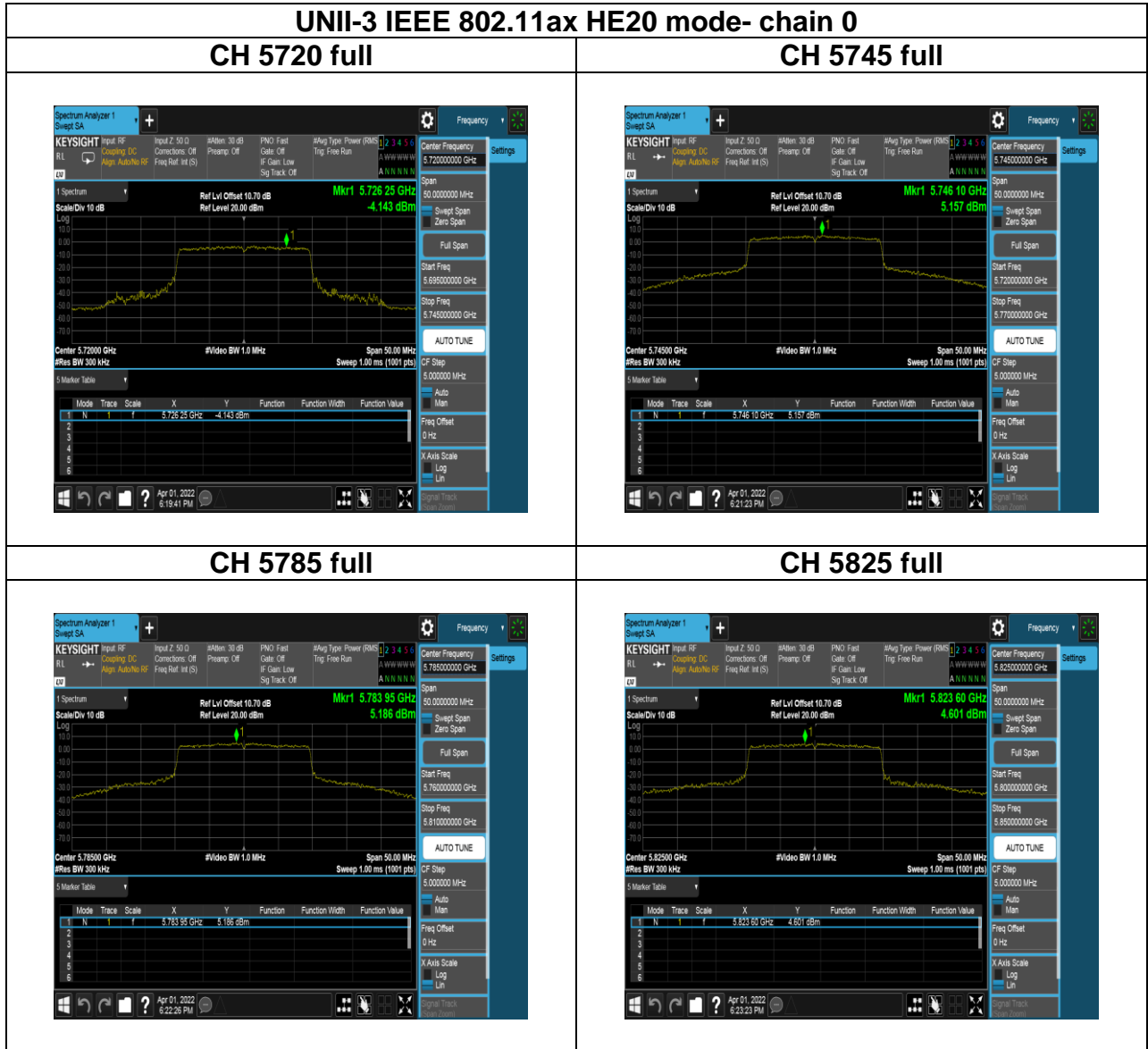
Report No.: TMWK2201000141KR



Report No.: TMWK2201000141KR



Report No.: TMWK2201000141KR



UNII-3 IEEE 802.11ax HE40 mode- chain 0

CH 5710 full



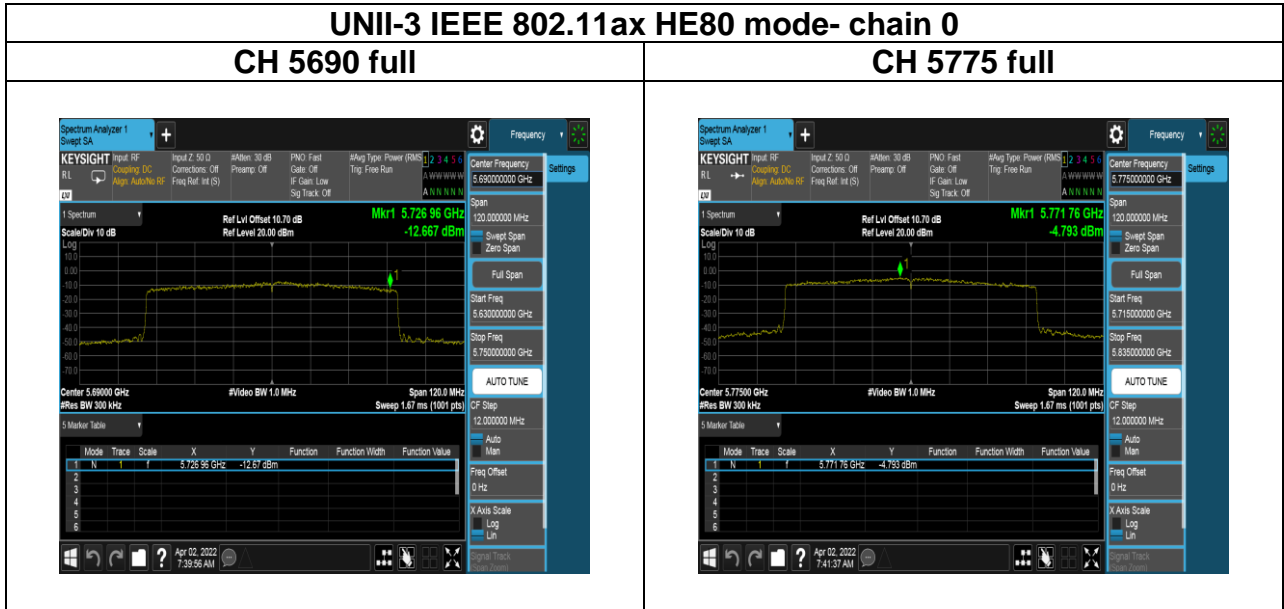
CH 5755 full



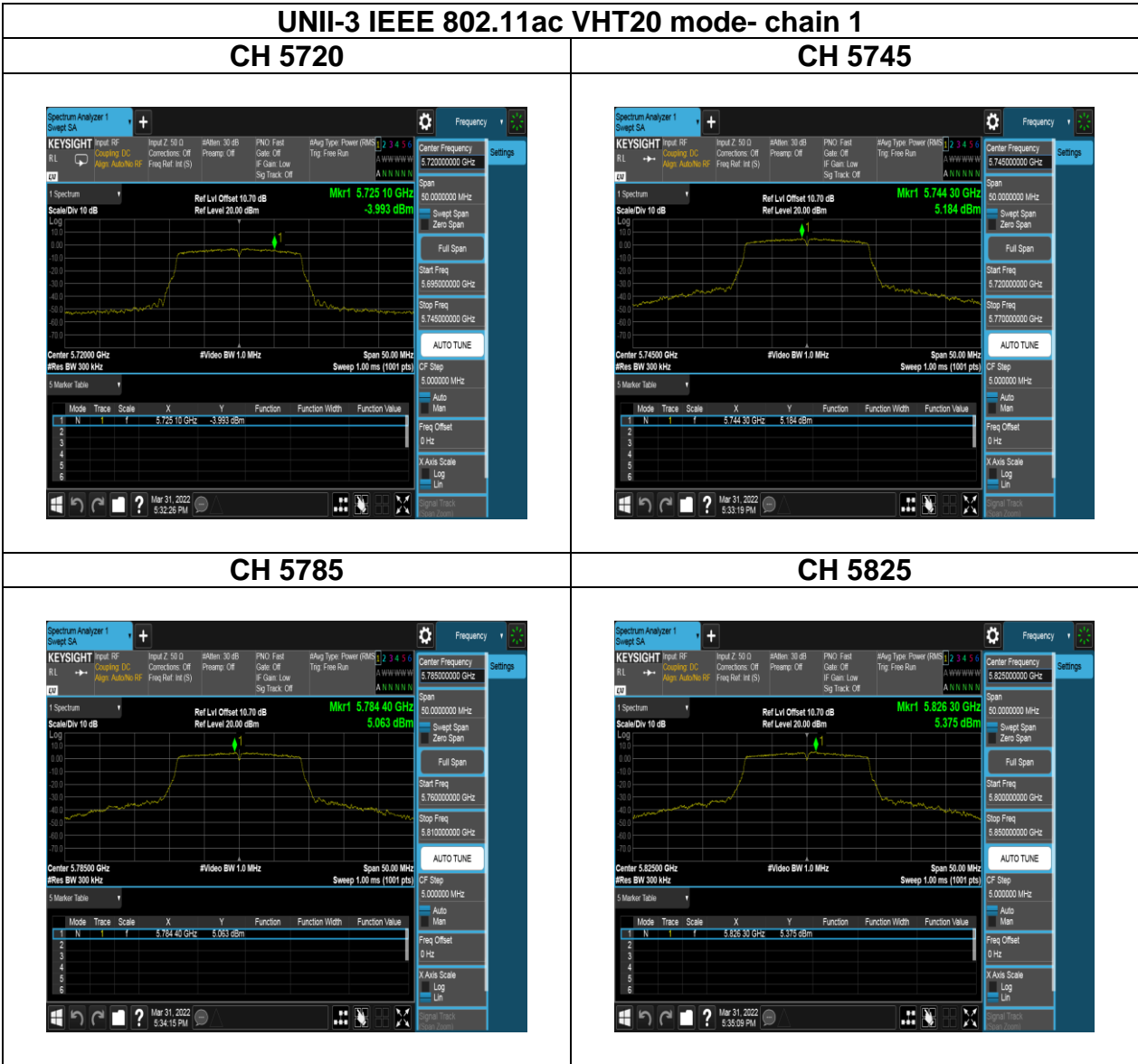
CH 5795 full



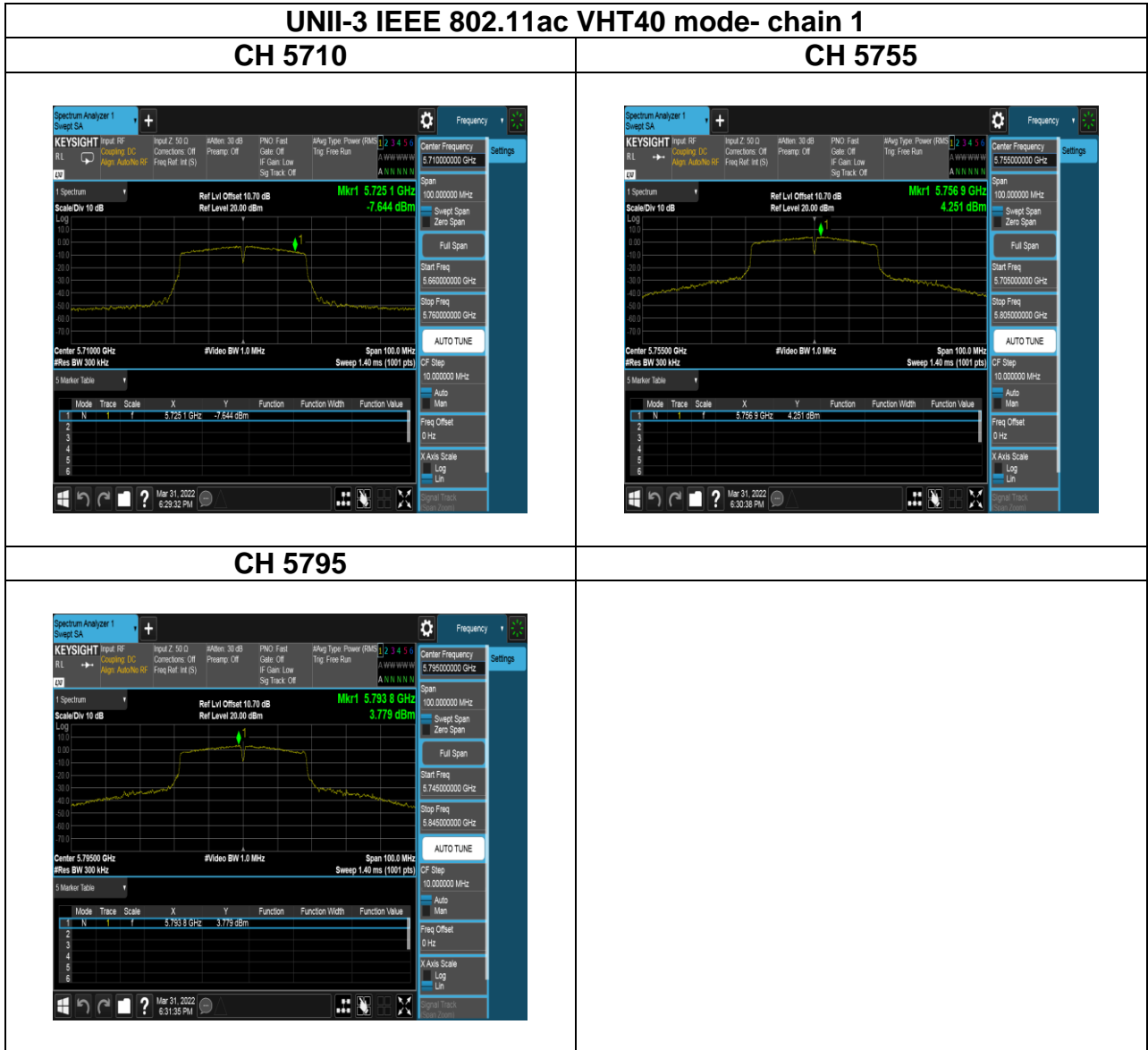
Report No.: TMWK2201000141KR

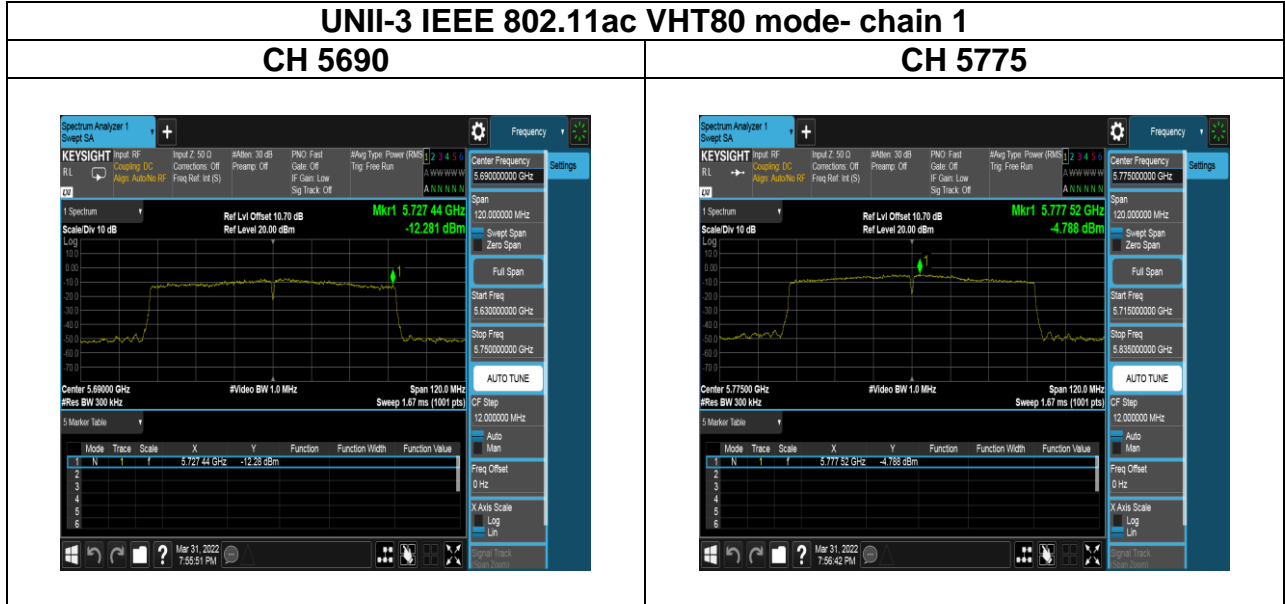


Report No.: TMWK2201000141KR

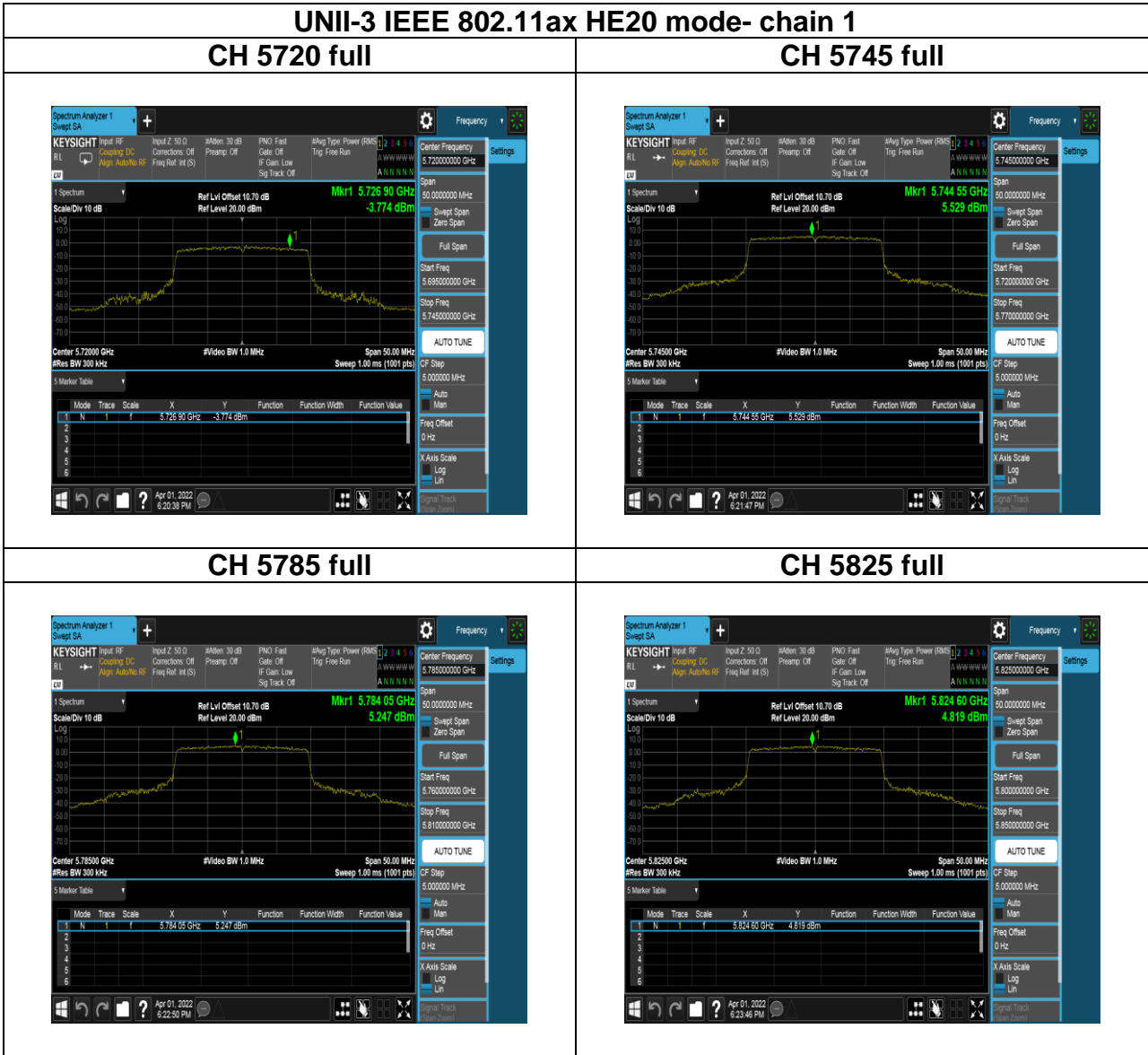


Report No.: TMWK2201000141KR





Report No.: TMWK2201000141KR



UNII-3 IEEE 802.11ax HE40 mode- chain 1

CH 5710 full



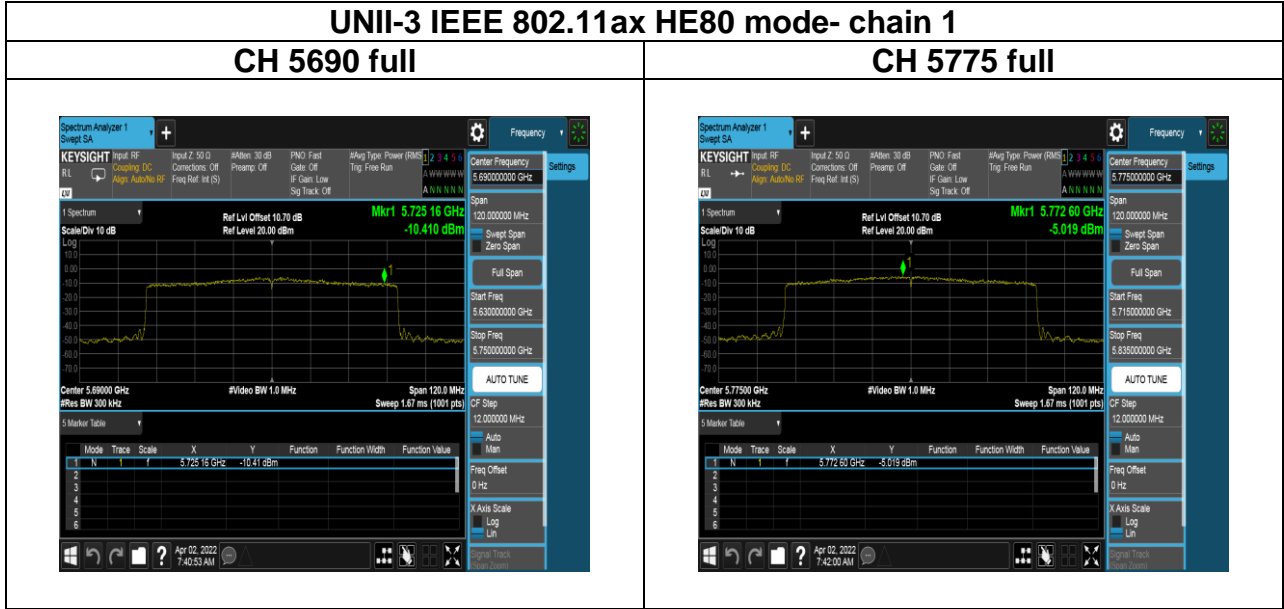
CH 5755 full



CH 5795 full



Report No.: TMWK2201000141KR



Report No.: TMWK2201000141KR

4.5 RADIATION BANDEDGE AND SPURIOUS EMISSION

4.5.1 Test Limit

FCC according to §15.407, §15.209 and §15.205,

Below 30 MHz

Frequency	Field Strength (microvolts/m)	Magnetic H-Field (microamperes/m)	Measurement Distance (metres)
9-490 kHz	2,400/F (F in kHz)	2,400/F (F in kHz)	300
490-1,705 kHz	24,000/F (F in kHz)	24,000/F (F in kHz)	30
1.705-30 MHz	30	N/A	30

Above 30 MHz

Frequency (MHz)	Field Strength microvolts/m at 3 metres (watts, e.i.r.p.)	
	Transmitters	Receivers
30-88	100 (3 nW)	100 (3 nW)
88-216	150 (6.8 nW)	150 (6.8 nW)
216-960	200 (12 nW)	200 (12 nW)
Above 960	500 (75 nW)	500 (75 nW)

UNII-1 :

For transmitters operating in the band 5150-5250 MHz, all emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. However, any unwanted emissions that fall into the band 5250-5350 MHz must be 26 dBc, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth, above 5.25 GHz. Otherwise, the transmission is considered as intentional and the devices shall implement dynamic frequency selection (DFS) and transmitter power control (TPC) as per the requirements for the band 5250-5350 MHz

UNII-3:

All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Report No.: TMWK2201000141KR

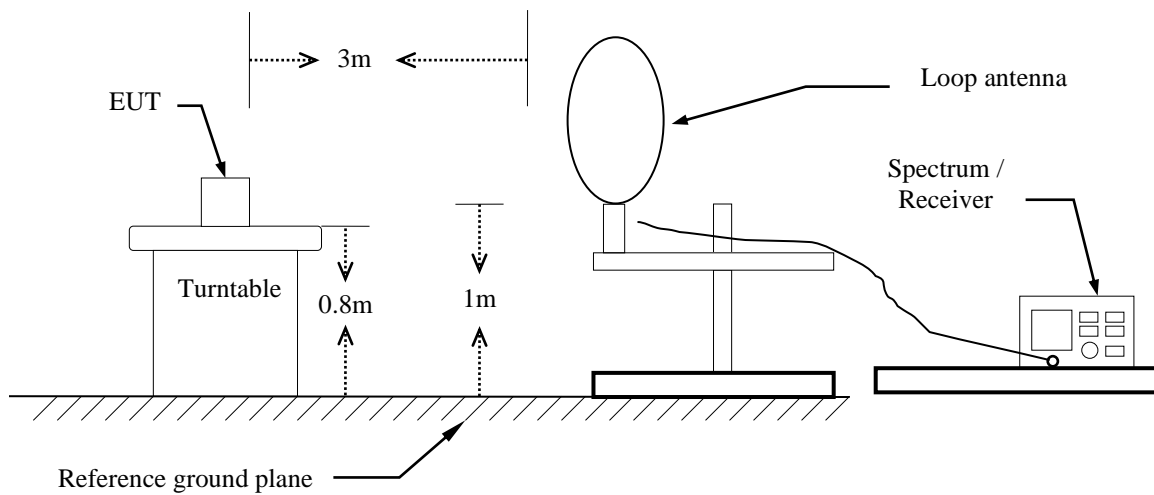
4.5.2 Test Procedure

Test method Refer as KDB 789033 D02.

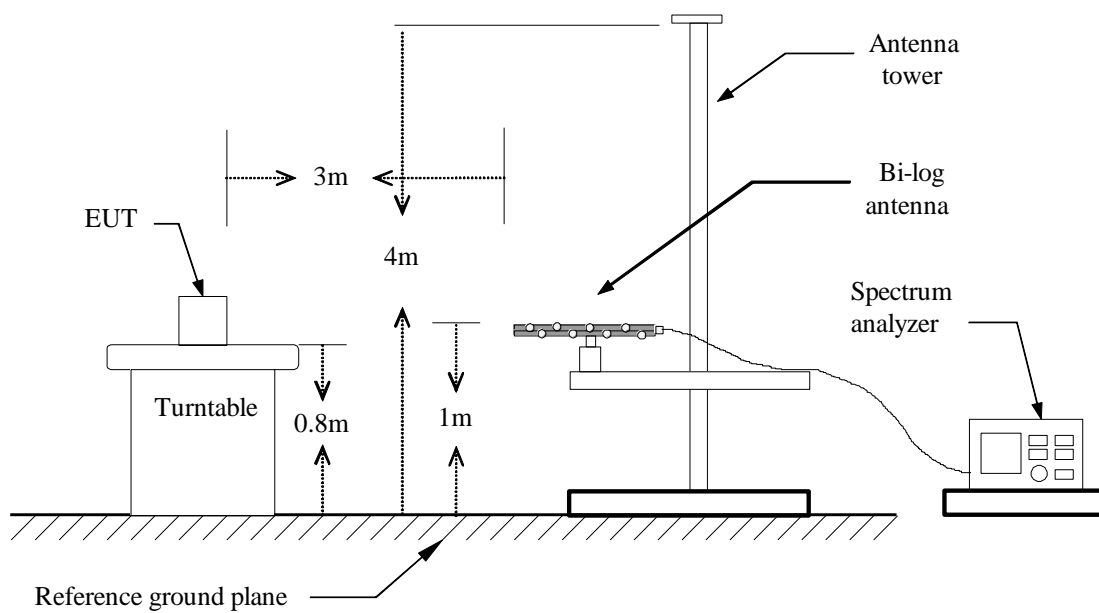
1. The EUT is placed on a turntable, Above 1 GHz is 1.5m and below 1 GHz is 0.8m above ground plane. The EUT Configured un accordance with ANSI C63.10: 2013, and the EUT set in a continuous mode.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level. And EUT is set 3m away from the receiving antenna, which is scanned from 1m to 4m above the ground plane to find out the highest emissions. Measurement are made polarized in both the vertical and the horizontal positions with antenna.
3. Span shall wide enough to full capture the emission measured. The SA from 9kHz to 26.5GHz set to the low, Mid and High channels with the EUT transmit.
4. No emission found between lowest internal used/generated frequency to 30MHz (9KHz~30MHz)
5. The SA setting following :
 - (1) Below 1G : RBW = 100kHz, VBW \geq 3*RBW, Sweep = Auto, Detector = Peak, Trace = Max hold.
 - (2) Above 1G :
 - (2.1) For Peak measurement : RBW = 1MHz, VBW \geq 3 RBW, Sweep = Auto, Detector = Peak, Trace = Max hold.
 - (2.2) For Average measurement : RBW = 1MHz, VBW
 - If Duty Cycle \geq 98%, VBW=10Hz.
 - If Duty Cycle < 98%, VBW=1/T.

4.5.3 Test Setup

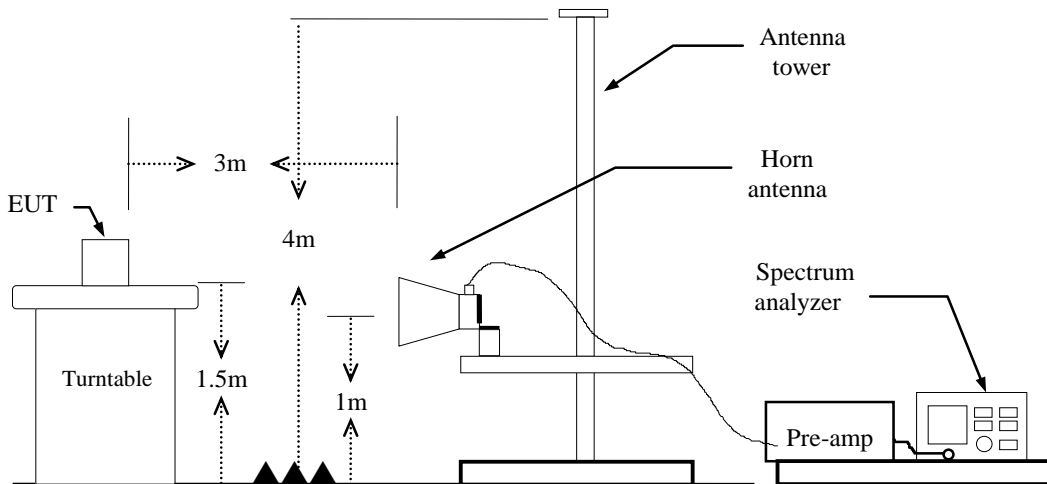
9kHz ~ 30MHz



30MHz ~ 1GHz



Above 1 GHz



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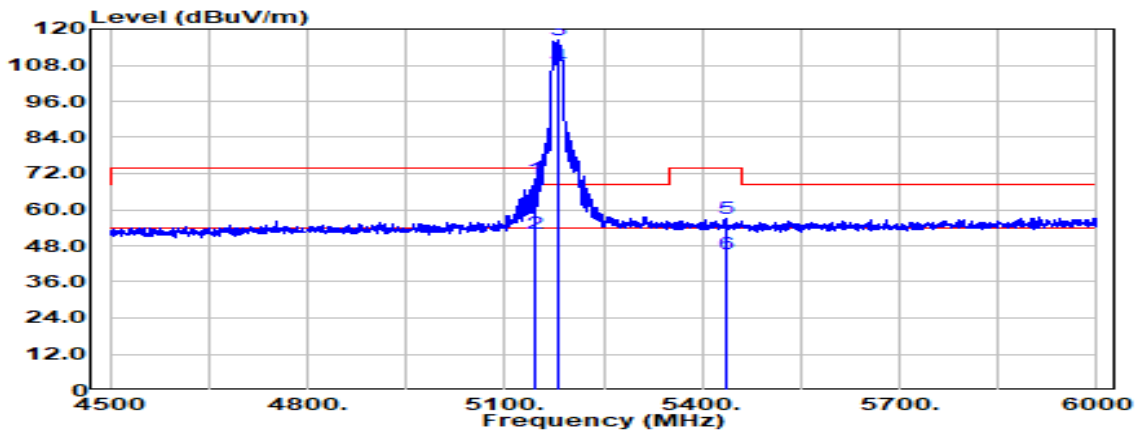
4.5.4 Test Result

Band Edge Test Data

BFM OFF

Test Data for UNII-1

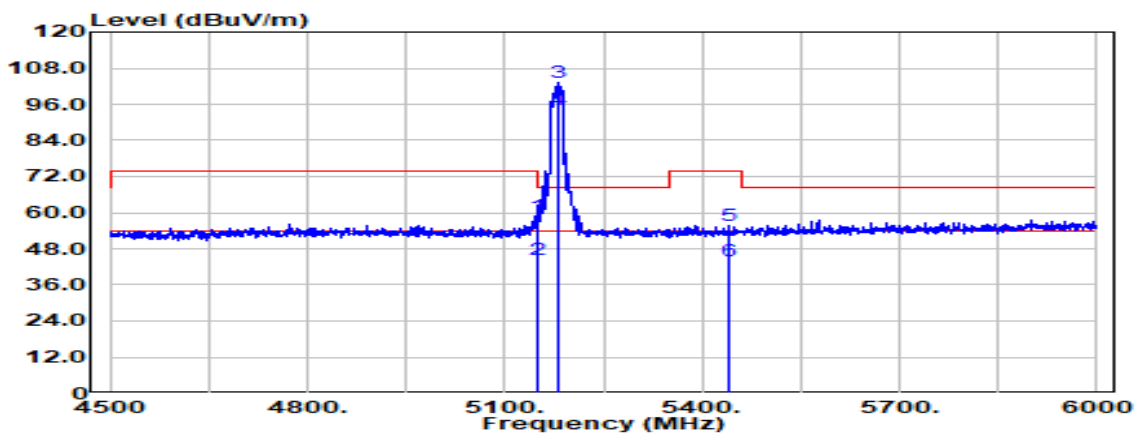
Test Mode	IEEE 802.11a / 5180MHz	Temp/Hum	19.9(°C)/ 65%RH
Test Item	Band Edge	Test Date	February 23, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5145.000	Peak	51.10	18.98	70.08	74.00	-3.92
5145.000	Average	33.12	18.98	52.10	54.00	-1.90
5180.000	Peak	96.97	19.19	116.16	--	--
5180.000	Average	88.72	19.19	107.91	--	--
5435.250	Peak	36.91	20.07	56.98	74.00	-17.02
5435.250	Average	24.99	20.07	45.06	54.00	-8.94

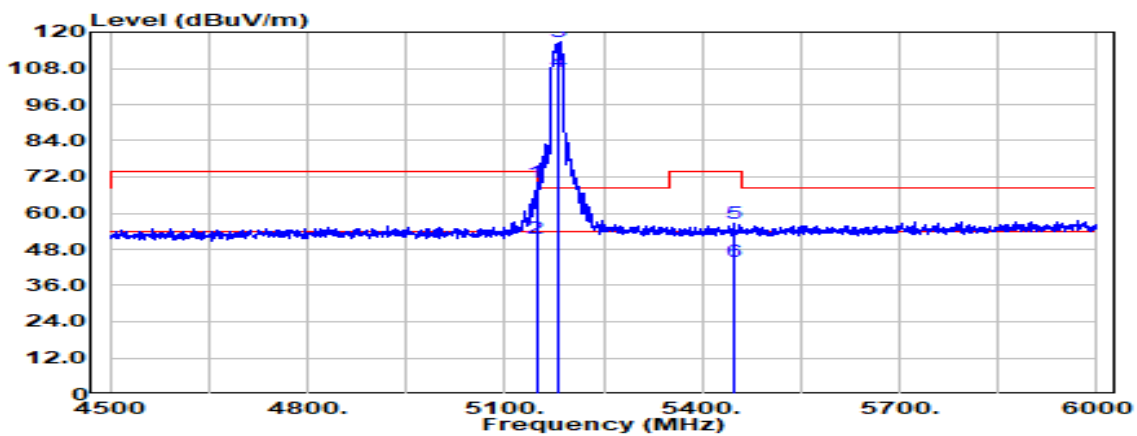
Report No.: TMWK2201000141KR

Test Mode	IEEE 802.11a / 5180MHz	Temp/Hum	19.9(°C) / 65%RH
Test Item	Band Edge	Test Date	February 23, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBUV/m)	Limit @3m (dBUV/m)	Margin (dB)
5149.500	Peak	40.06	19.00	59.06	74.00	-14.94
5149.500	Average	25.50	19.00	44.50	54.00	-9.50
5180.000	Peak	83.94	19.19	103.13	--	--
5180.000	Average	75.12	19.19	94.31	--	--
5440.500	Peak	35.78	20.07	55.84	74.00	-18.16
5440.500	Average	23.72	20.07	43.78	54.00	-10.22

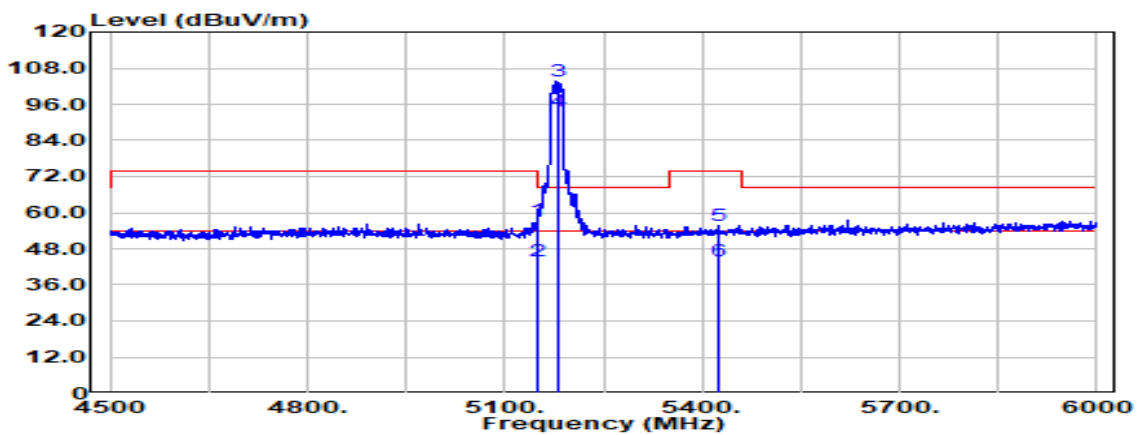
Test Mode	IEEE 802.11ac VHT20 / 5180MHz	Temp/Hum	19.9(°C)/ 65%RH
Test Item	Band Edge	Test Date	February 23, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5148.000	Peak	50.99	18.99	69.98	74.00	-4.02
5148.000	Average	32.42	18.99	51.41	54.00	-2.59
5180.000	Peak	97.45	19.19	116.64	--	--
5180.000	Average	87.82	19.19	107.01	--	--
5449.500	Peak	36.61	20.07	56.68	74.00	-17.32
5449.500	Average	23.96	20.07	44.03	54.00	-9.97

Report No.: TMWK2201000141KR

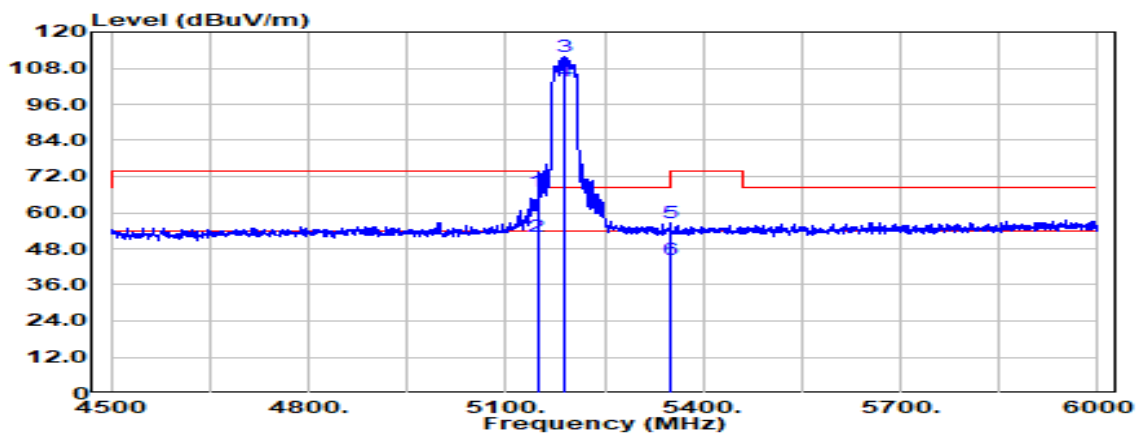
Test Mode	IEEE 802.11 ac VHT20 / 5180MHz	Temp/Hum	19.9(°C) / 65%RH
Test Item	Band Edge	Test Date	February 23, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
5148.750	Peak	38.50	19.00	57.50	74.00	-16.50
5148.750	Average	25.02	19.00	44.01	54.00	-9.99
5180.000	Peak	84.36	19.19	103.55	--	--
5180.000	Average	74.71	19.19	93.90	--	--
5424.000	Peak	35.68	20.06	55.74	74.00	-18.26
5424.000	Average	23.68	20.06	43.75	54.00	-10.25

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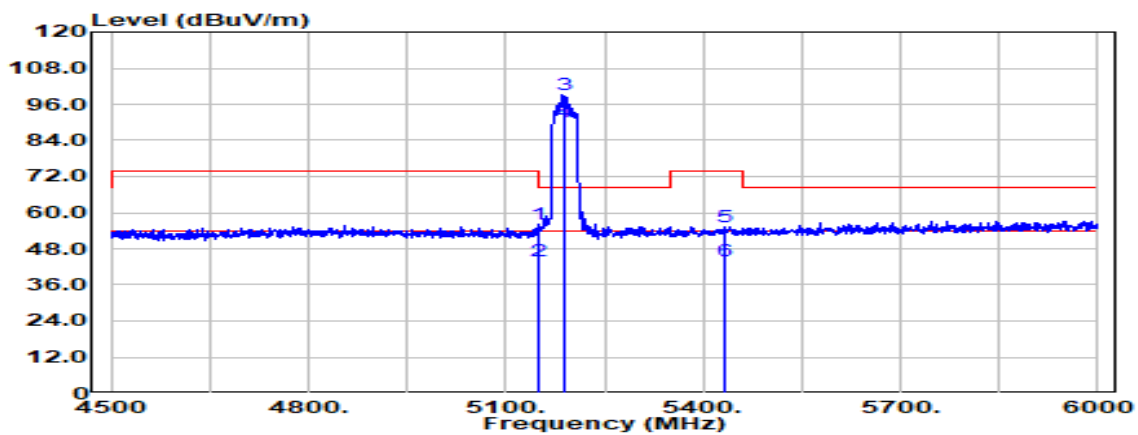
Test Mode	IEEE 802.11 ac VHT40 / 5190MHz	Temp/Hum	19.9(°C) / 65%RH
Test Item	Band Edge	Test Date	February 23, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5148.000	Peak	48.23	18.99	67.23	74.00	-6.77
5148.000	Average	33.22	18.99	52.21	54.00	-1.79
5190.000	Peak	92.74	19.26	112.00	--	--
5190.000	Average	84.26	19.26	103.51	--	--
5351.250	Peak	36.93	19.83	56.76	74.00	-17.24
5351.250	Average	24.50	19.83	44.32	54.00	-9.68

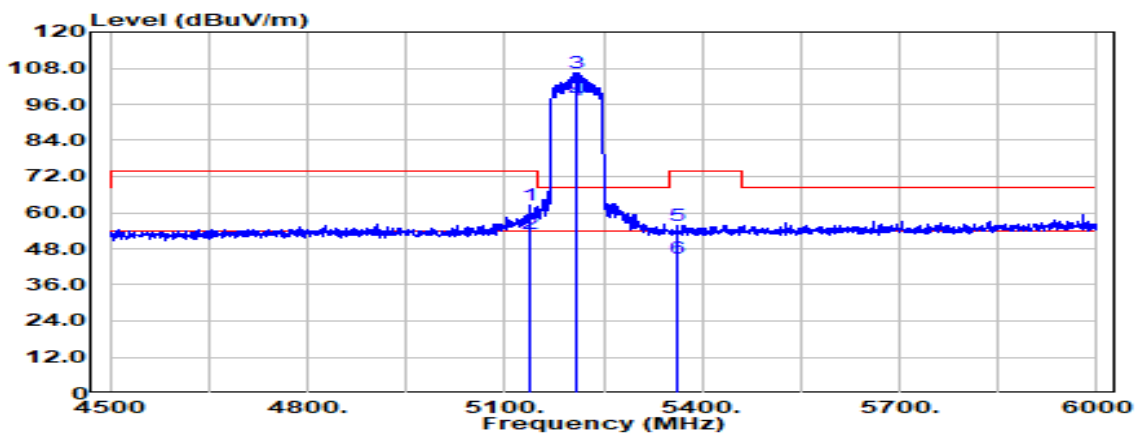
Report No.: TMWK2201000141KR

Test Mode	IEEE 802.11 ac VHT40 / 5190MHz	Temp/Hum	19.9(°C)/ 65%RH
Test Item	Band Edge	Test Date	February 23, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



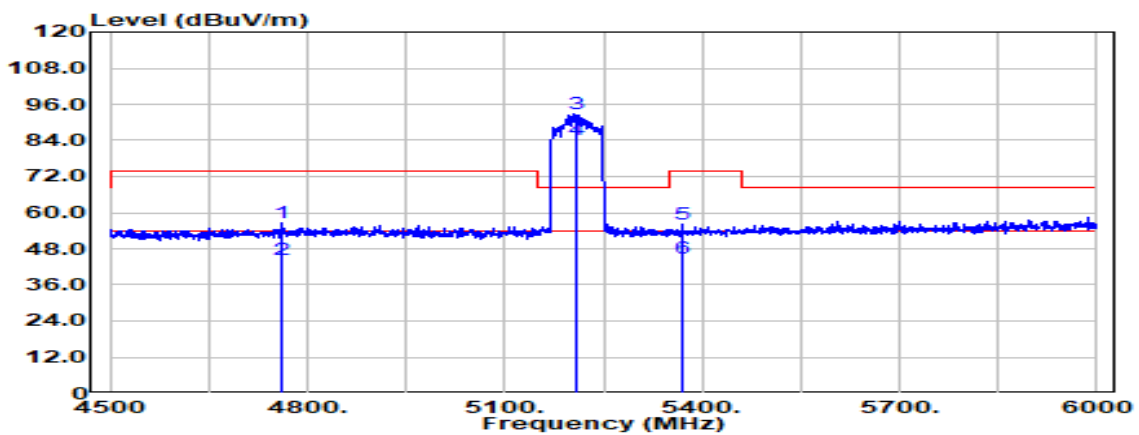
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5149.500	Peak	37.27	19.00	56.27	74.00	-17.73
5149.500	Average	24.91	19.00	43.91	54.00	-10.09
5190.000	Peak	79.90	19.26	99.16	--	--
5190.000	Average	70.89	19.26	90.15	--	--
5431.500	Peak	35.14	20.07	55.21	74.00	-18.79
5431.500	Average	24.08	20.07	44.15	54.00	-9.85

Test Mode	IEEE 802.11ac VHT80 / 5210MHz	Temp/Hum	20.0(°C) / 62%RH
Test Item	Band Edge	Test Date	February 24, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5136.750	Peak	43.33	18.96	62.29	74.00	-11.71
5136.750	Average	33.83	18.96	52.78	54.00	-1.22
5210.000	Peak	87.24	19.39	106.62	--	--
5210.000	Average	77.77	19.39	97.16	--	--
5361.750	Peak	35.78	19.88	55.66	74.00	-18.34
5361.750	Average	24.97	19.88	44.85	54.00	-9.15

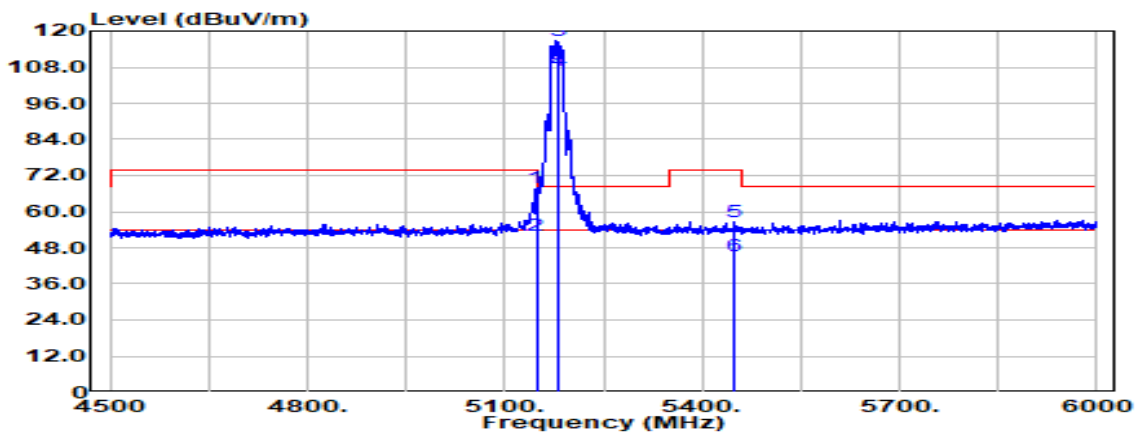
Test Mode	IEEE 802.11ac VHT80 / 5210MHz	Temp/Hum	20.0(°C) / 62%RH
Test Item	Band Edge	Test Date	February 24, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB μ V)	Factor (dB)	Actual FS (dB μ V/m)	Limit @3m (dB μ V/m)	Margin (dB)
4762.500	Peak	38.22	18.49	56.70	74.00	-17.30
4762.500	Average	26.03	18.49	44.52	54.00	-9.48
5210.000	Peak	73.28	19.39	92.67	--	--
5210.000	Average	64.81	19.39	84.20	--	--
5370.000	Peak	36.10	19.92	56.02	74.00	-17.98
5370.000	Average	25.09	19.92	45.01	54.00	-8.99

Report No.: TMWK2201000141KR

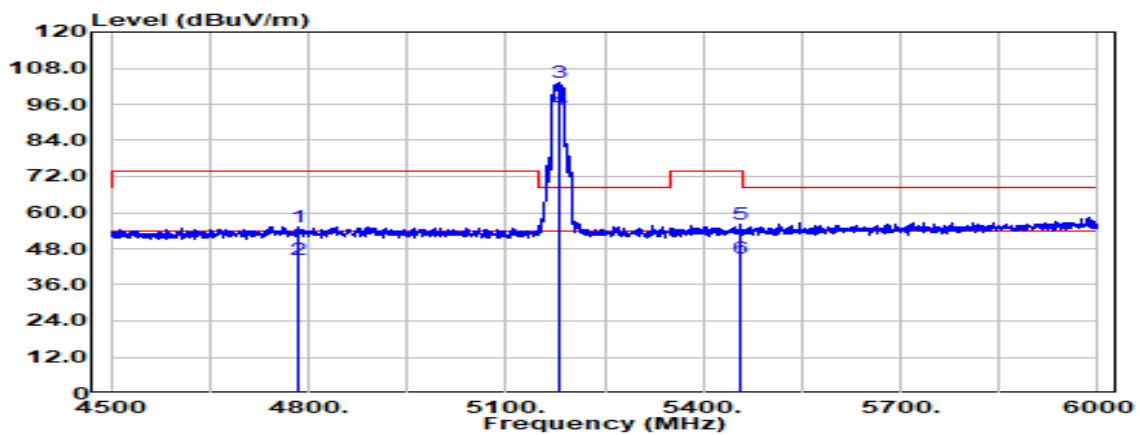
Test Mode	IEEE 802.11ax HE20 / 5180MHz	Temp/Hum	20.0(°C) / 62%RH
Test Item	Band Edge	Test Date	February 24, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
5148.000	Peak	49.12	18.99	68.11	74.00	-5.89
5148.000	Average	33.25	18.99	52.25	54.00	-1.75
5180.000	Peak	97.75	19.19	116.95	--	--
5180.000	Average	87.46	19.19	106.65	--	--
5447.250	Peak	36.49	20.07	56.56	74.00	-17.44
5447.250	Average	25.19	20.07	45.26	54.00	-8.74

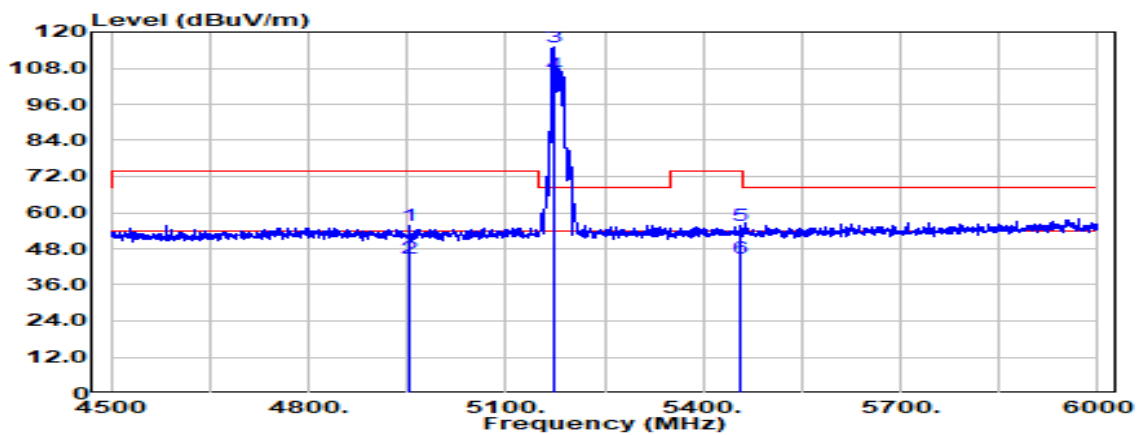
Report No.: TMWK2201000141KR

Test Mode	IEEE 802.11ax HE20 / 5180MHz	Temp/Hum	20.0(°C)/ 62%RH
Test Item	Band Edge	Test Date	February 24, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4785.750	Peak	36.93	18.46	55.40	74.00	-18.60
4785.750	Average	26.06	18.46	44.53	54.00	-9.47
5180.000	Peak	84.20	19.19	103.40	--	--
5180.000	Average	75.10	19.19	94.29	--	--
5457.000	Peak	35.89	20.06	55.95	74.00	-18.05
5457.000	Average	24.68	20.06	44.74	54.00	-9.26

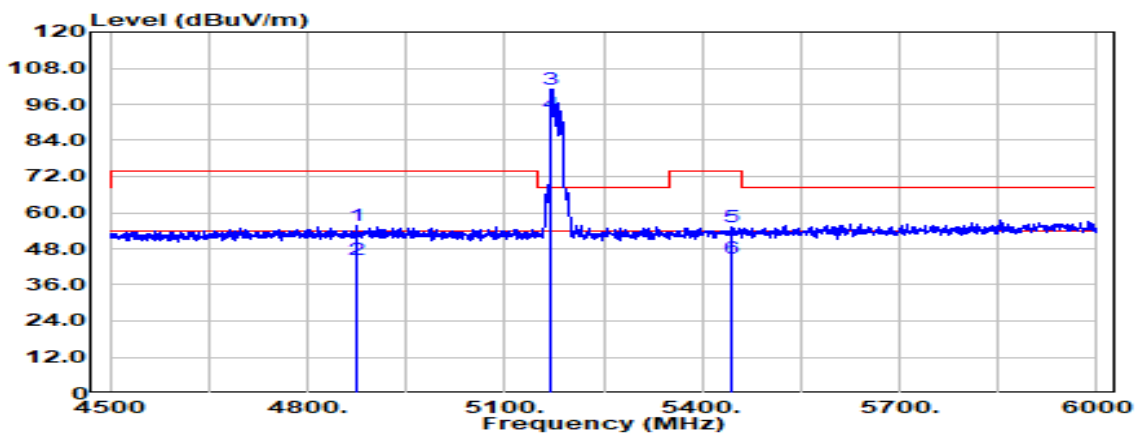
Test Mode	IEEE 802.11ax HE20 / 5180MHz_26/0	Temp/Hum	23.9(°C)/ 58%RH
Test Item	Band Edge	Test Date	March 4, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4954.500	Peak	37.21	18.69	55.90	74.00	-18.10
4954.500	Average	26.14	18.69	44.83	54.00	-9.17
5172.000	Peak	95.69	19.14	114.83	--	--
5172.000	Average	86.61	19.14	105.75	--	--
5456.250	Peak	35.76	20.06	55.82	74.00	-18.18
5456.250	Average	24.73	20.06	44.79	54.00	-9.21

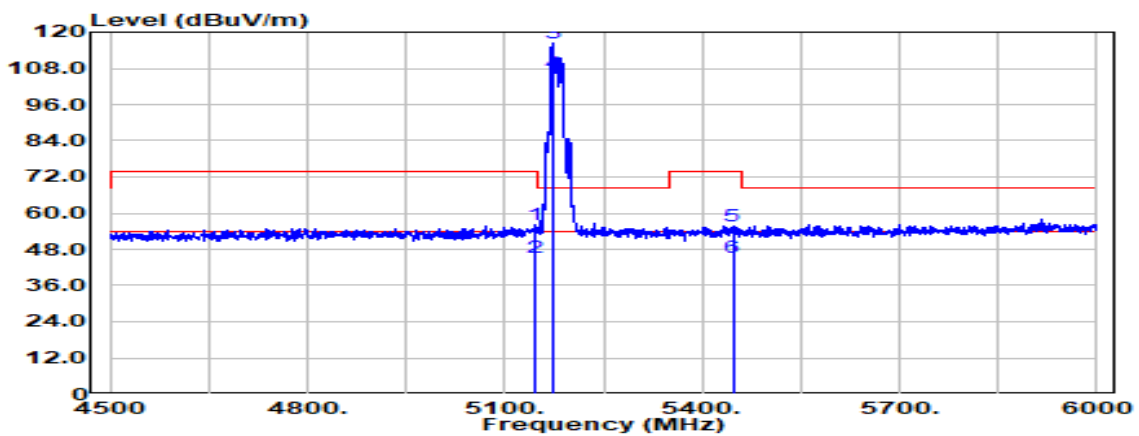
Report No.: TMWK2201000141KR

Test Mode	IEEE 802.11ax HE20 / 5180MHz_26/0	Temp/Hum	23.9(°C)/ 58%RH
Test Item	Band Edge	Test Date	March 4, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB μ V)	Factor (dB)	Actual FS (dB μ V/m)	Limit @3m (dB μ V/m)	Margin (dB)
4875.750	Peak	36.97	18.59	55.57	74.00	-18.43
4875.750	Average	25.88	18.59	44.48	54.00	-9.52
5171.250	Peak	81.91	19.14	101.05	--	--
5171.250	Average	73.54	19.14	92.67	--	--
5443.500	Peak	35.02	20.07	55.08	74.00	-18.92
5443.500	Average	24.75	20.07	44.82	54.00	-9.18

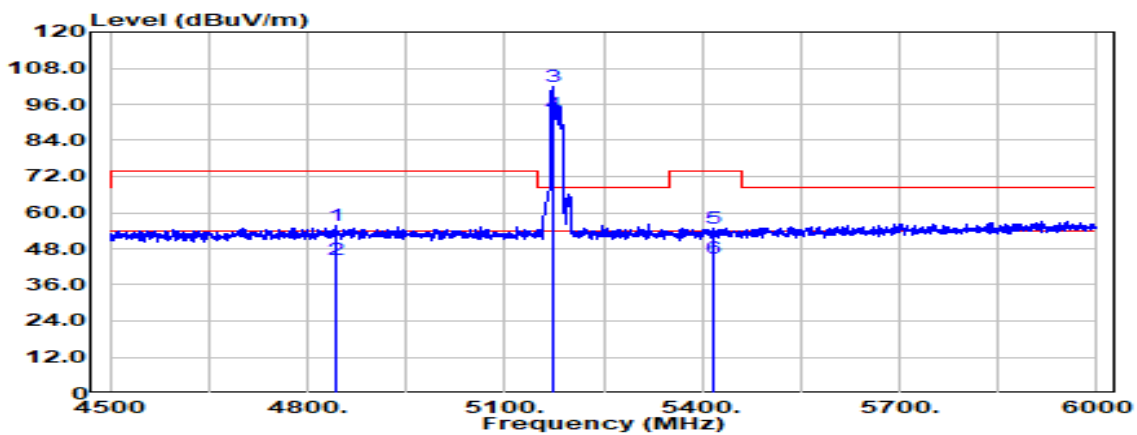
Test Mode	IEEE 802.11ax HE20 / 5180MHz_52/37	Temp/Hum	23.9(°C) / 58%RH
Test Item	Band Edge	Test Date	March 4, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5144.250	Peak	37.13	18.98	56.12	74.00	-17.88
5144.250	Average	26.29	18.98	45.27	54.00	-8.73
5172.000	Peak	97.46	19.14	116.60	--	--
5172.000	Average	87.45	19.14	106.59	--	--
5446.500	Peak	35.71	20.07	55.78	74.00	-18.22
5446.500	Average	25.29	20.07	45.36	54.00	-8.64

Report No.: TMWK2201000141KR

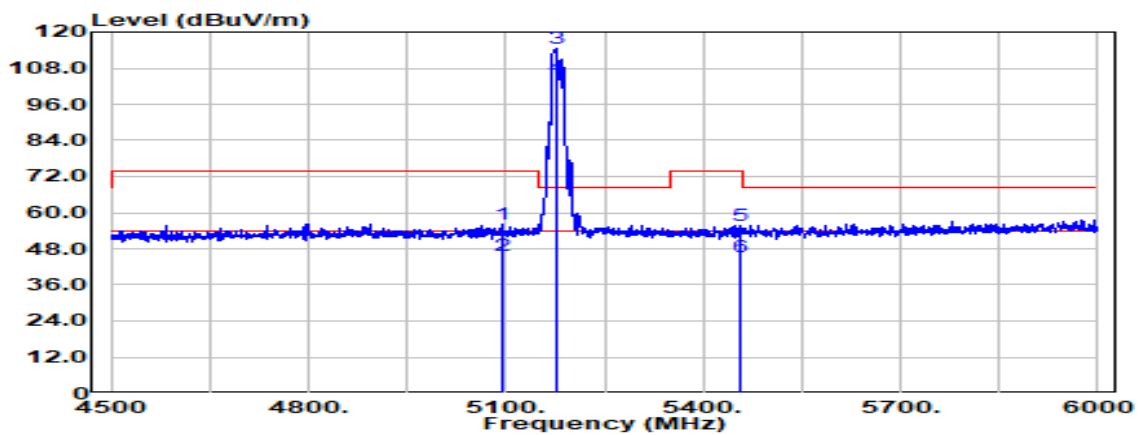
Test Mode	IEEE 802.11ax HE20 / 5180MHz_52/37	Temp/Hum	23.9(°C)/ 58%RH
Test Item	Band Edge	Test Date	March 4, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4844.250	Peak	37.02	18.59	55.61	74.00	-18.39
4844.250	Average	25.95	18.59	44.54	54.00	-9.46
5172.750	Peak	82.71	19.15	101.86	--	--
5172.750	Average	73.81	19.15	92.96	--	--
5418.750	Peak	34.86	20.06	54.93	74.00	-19.07
5418.750	Average	24.70	20.06	44.76	54.00	-9.24

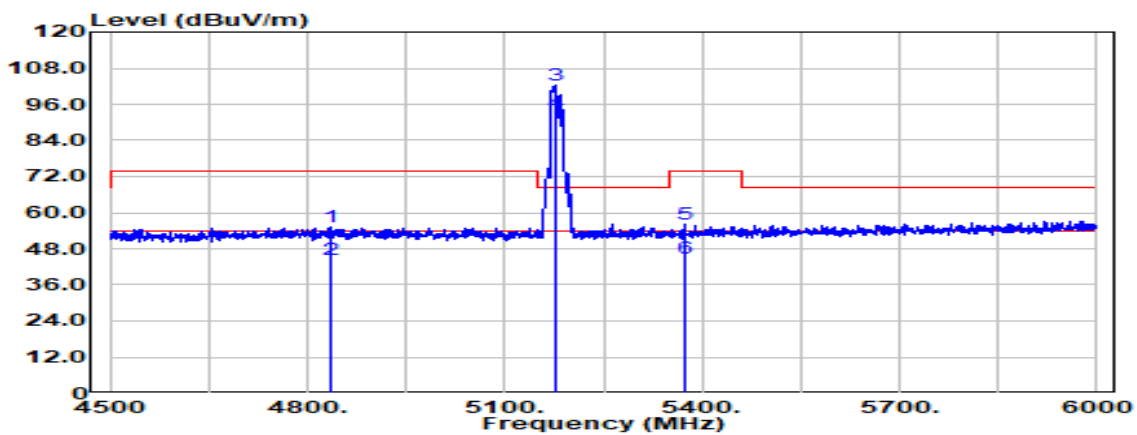
Report No.: TMWK2201000141KR

Test Mode	IEEE 802.11ax HE20 / 5180MHz_106/53	Temp/Hum	23.9(°C) / 58%RH
Test Item	Band Edge	Test Date	March 4, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5093.250	Peak	37.39	18.85	56.24	74.00	-17.76
5093.250	Average	26.83	18.85	45.67	54.00	-8.33
5177.250	Peak	95.21	19.17	114.39	--	--
5177.250	Average	86.08	19.17	105.26	--	--
5457.750	Peak	35.51	20.06	55.57	74.00	-18.43
5457.750	Average	25.07	20.06	45.13	54.00	-8.87

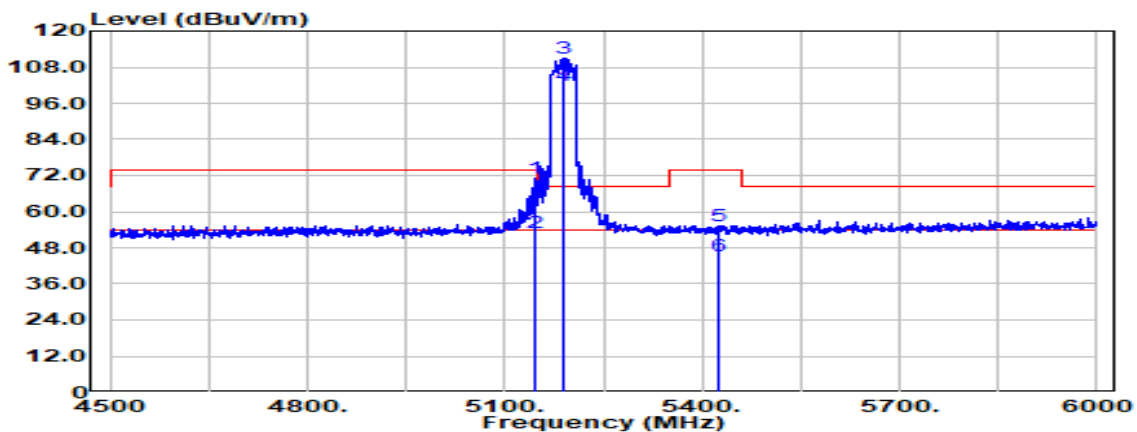
Test Mode	IEEE 802.11ax HE20 / 5180MHz_106/53	Temp/Hum	23.9(°C)/ 58%RH
Test Item	Band Edge	Test Date	March 4, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4833.750	Peak	36.71	18.56	55.27	74.00	-18.73
4833.750	Average	25.99	18.56	44.55	54.00	-9.45
5177.250	Peak	83.30	19.17	102.47	--	--
5177.250	Average	73.99	19.17	93.16	--	--
5373.750	Peak	36.27	19.93	56.21	74.00	-17.79
5373.750	Average	24.84	19.93	44.77	54.00	-9.23

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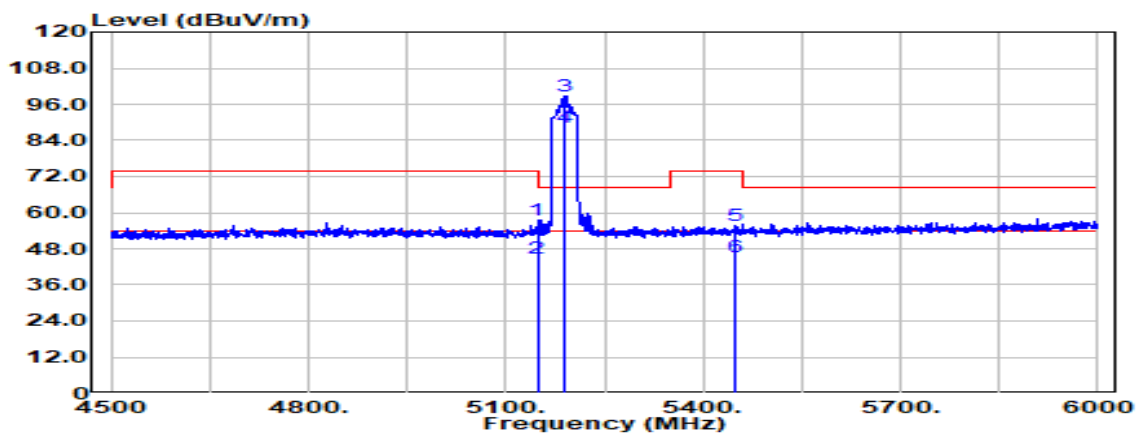
Test Mode	IEEE 802.11ax HE40 / 5190MHz	Temp/Hum	19.6(°C) / 62%RH
Test Item	Band Edge	Test Date	February 25, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5144.250	Peak	52.03	18.98	71.02	74.00	-2.98
5144.250	Average	33.80	18.98	52.79	54.00	-1.21
5190.000	Peak	91.88	19.26	111.13	--	--
5190.000	Average	82.70	19.26	101.96	--	--
5423.250	Peak	35.40	20.06	55.46	74.00	-18.54
5423.250	Average	25.22	20.06	45.28	54.00	-8.72

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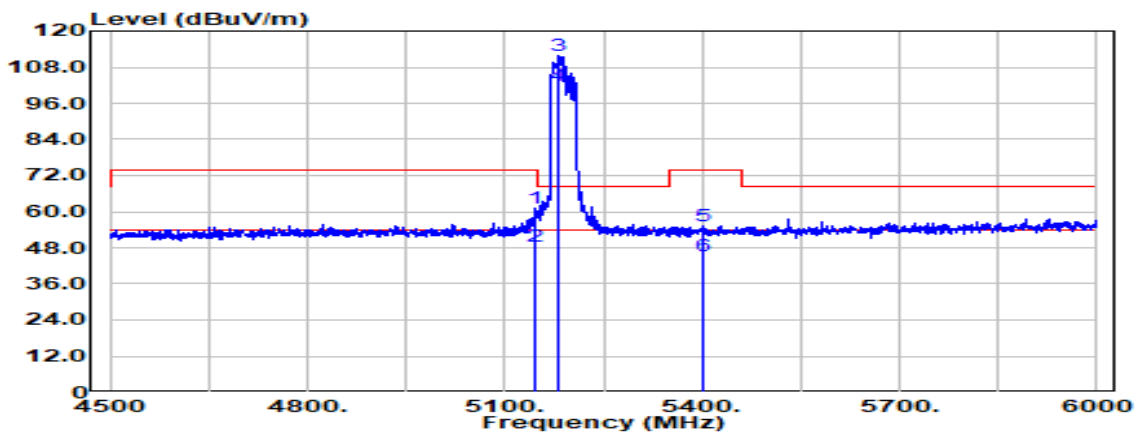
Test Mode	IEEE 802.11ax HE40 / 5190MHz	Temp/Hum	19.6(°C)/ 62%RH
Test Item	Band Edge	Test Date	February 25, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5148.000	Peak	38.53	18.99	57.52	74.00	-16.48
5148.000	Average	25.62	18.99	44.61	54.00	-9.39
5190.000	Peak	79.45	19.26	98.71	--	--
5190.000	Average	69.00	19.26	88.25	--	--
5449.500	Peak	35.75	20.07	55.82	74.00	-18.18
5449.500	Average	25.00	20.07	45.07	54.00	-8.93

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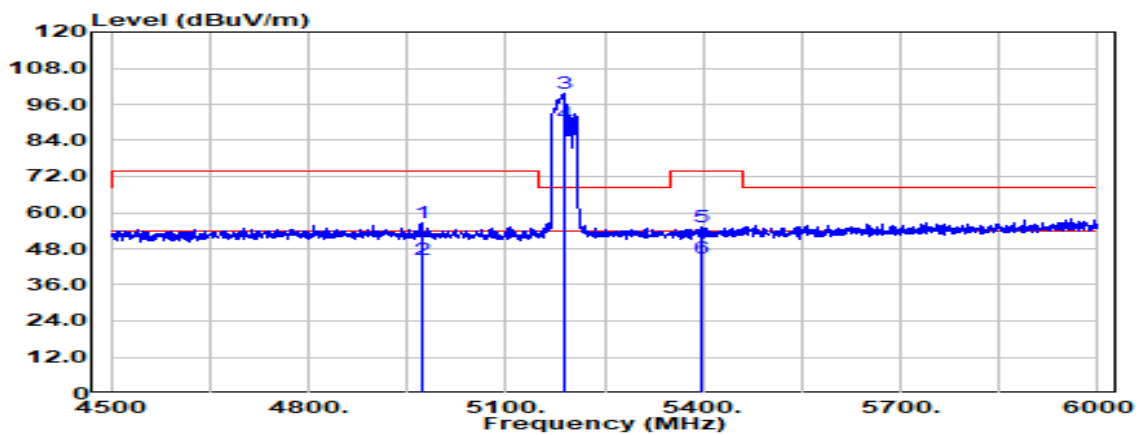
Test Mode	IEEE 802.11ax HE40 / 5190MHz_242/61	Temp/Hum	23.9(°C) / 58%RH
Test Item	Band Edge	Test Date	March 4, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBUV)	Factor (dB)	Actual FS (dBUV/m)	Limit @3m (dBUV/m)	Margin (dB)
5145.750	Peak	42.07	18.99	61.06	74.00	-12.94
5145.750	Average	29.66	18.99	48.65	54.00	-5.35
5182.500	Peak	92.45	19.21	111.66	--	--
5182.500	Average	82.59	19.21	101.80	--	--
5400.750	Peak	35.34	20.06	55.40	74.00	-18.60
5400.750	Average	25.20	20.06	45.26	54.00	-8.74

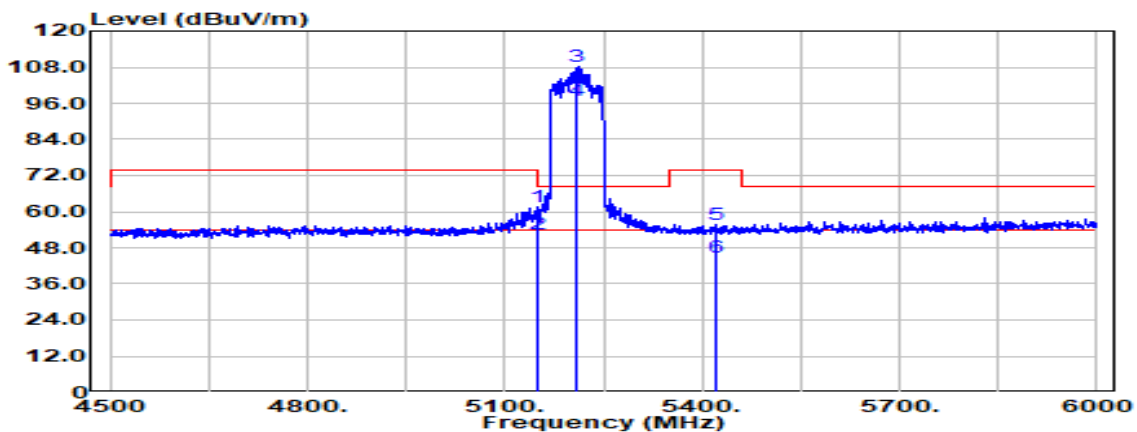
Report No.: TMWK2201000141KR

Test Mode	IEEE 802.11ax HE40 / 5190MHz_242/61	Temp/Hum	23.9(°C)/ 58%RH
Test Item	Band Edge	Test Date	March 4, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4971.750	Peak	37.71	18.74	56.45	74.00	-17.55
4971.750	Average	25.67	18.74	44.41	54.00	-9.59
5187.750	Peak	80.37	19.24	99.61	--	--
5187.750	Average	70.55	19.24	89.79	--	--
5397.750	Peak	35.22	20.05	55.27	74.00	-18.73
5397.750	Average	24.63	20.05	44.68	54.00	-9.32

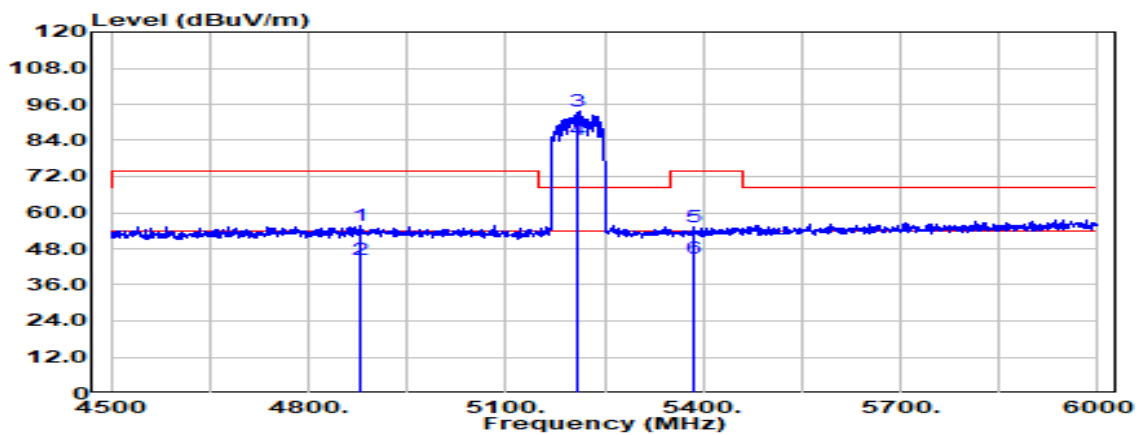
Test Mode	IEEE 802.11ax HE80 / 5210MHz_	Temp/Hum	19.6(°C) / 62%RH
Test Item	Band Edge	Test Date	February 25, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBUV)	Factor (dB)	Actual FS (dBUV/m)	Limit @3m (dBUV/m)	Margin (dB)
5149.500	Peak	42.51	19.00	61.51	74.00	-12.49
5149.500	Average	33.72	19.00	52.72	54.00	-1.28
5210.000	Peak	88.72	19.39	108.11	--	--
5210.000	Average	77.55	19.39	96.93	--	--
5421.000	Peak	35.59	20.06	55.65	74.00	-18.35
5421.000	Average	24.90	20.06	44.96	54.00	-9.04

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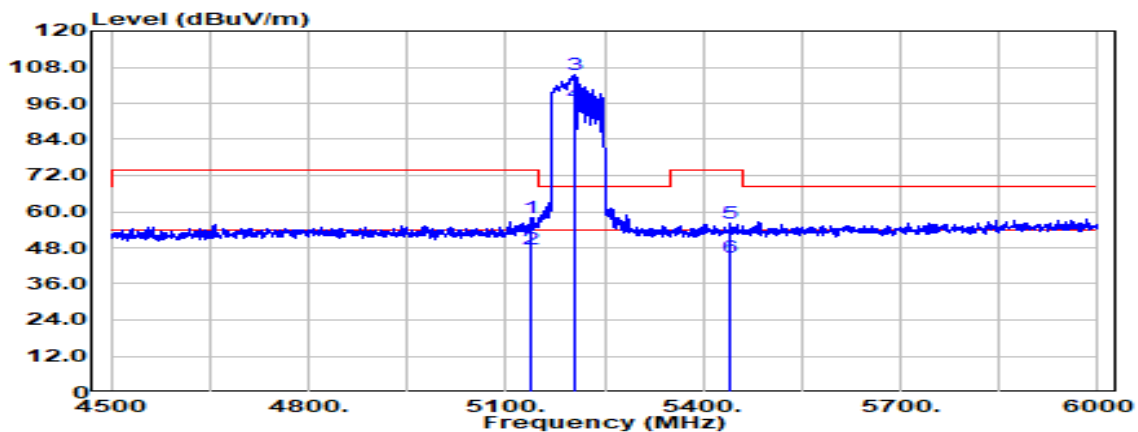
Test Mode	IEEE 802.11ax HE80 / 5210MHz	Temp/Hum	19.6(°C)/ 62%RH
Test Item	Band Edge	Test Date	February 25, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4880.250	Peak	37.06	18.59	55.65	74.00	-18.35
4880.250	Average	25.84	18.59	44.43	54.00	-9.57
5210.000	Peak	74.54	19.39	93.93	--	--
5210.000	Average	64.93	19.39	84.32	--	--
5385.750	Peak	35.44	19.99	55.43	74.00	-18.57
5385.750	Average	24.72	19.99	44.71	54.00	-9.29

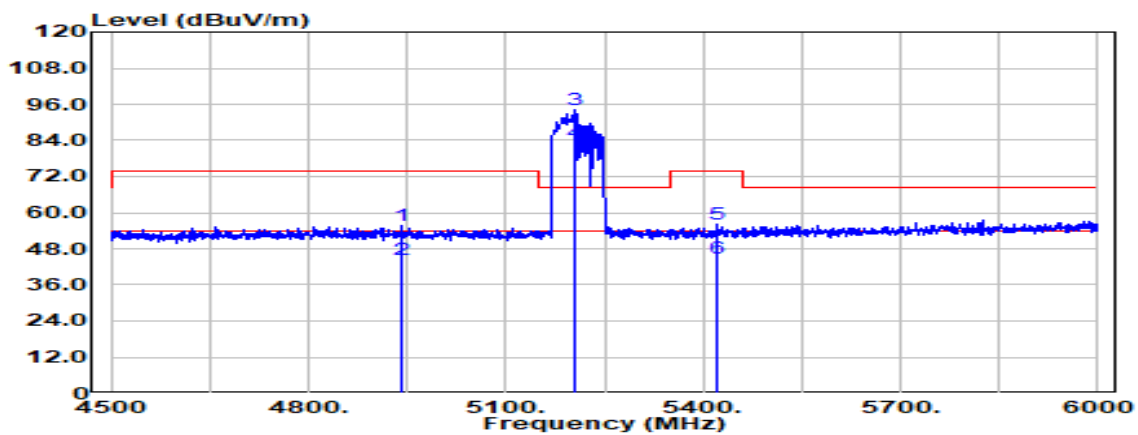
Report No.: TMWK2201000141KR

Test Mode	IEEE 802.11ax HE80 / 5210MHz_484/65	Temp/Hum	23.9(°C) / 58%RH
Test Item	Band Edge	Test Date	March 4, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBUV/m)	Limit @3m (dBUV/m)	Margin (dB)
5138.250	Peak	39.21	18.96	58.17	74.00	-15.83
5138.250	Average	28.50	18.96	47.47	54.00	-6.53
5203.500	Peak	86.17	19.34	105.52	--	--
5203.500	Average	76.67	19.34	96.01	--	--
5441.250	Peak	36.25	20.07	56.32	74.00	-17.68
5441.250	Average	24.86	20.07	44.93	54.00	-9.07

Test Mode	IEEE 802.11ax HE80 / 5210MHz 484/65	Temp/Hum	23.9(°C)/ 58%RH
Test Item	Band Edge	Test Date	March 4, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		

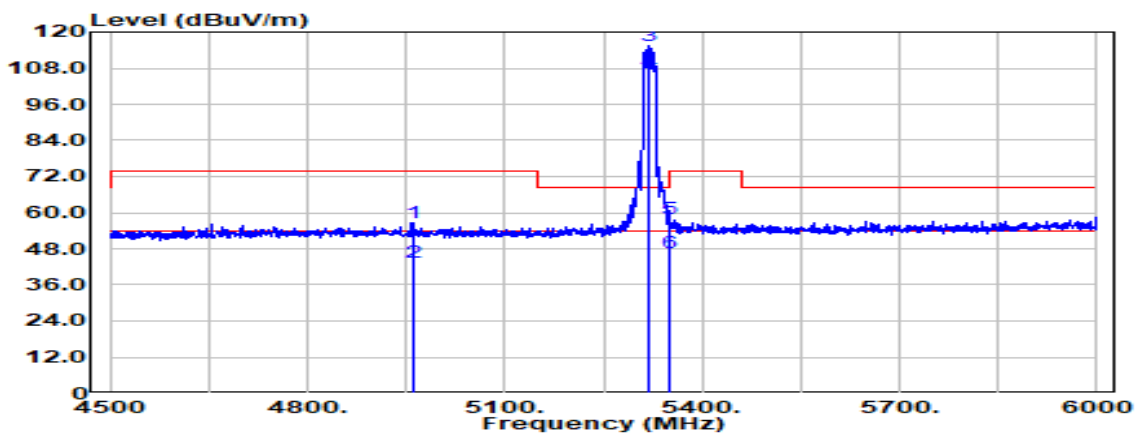


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4942.500	Peak	37.00	18.67	55.66	74.00	-18.34
4942.500	Average	25.68	18.67	44.35	54.00	-9.65
5205.750	Peak	74.61	19.36	93.97	--	--
5205.750	Average	64.15	19.36	83.51	--	--
5420.250	Peak	36.04	20.06	56.11	74.00	-17.89
5420.250	Average	24.67	20.06	44.74	54.00	-9.26

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Test Data for UNII-2a

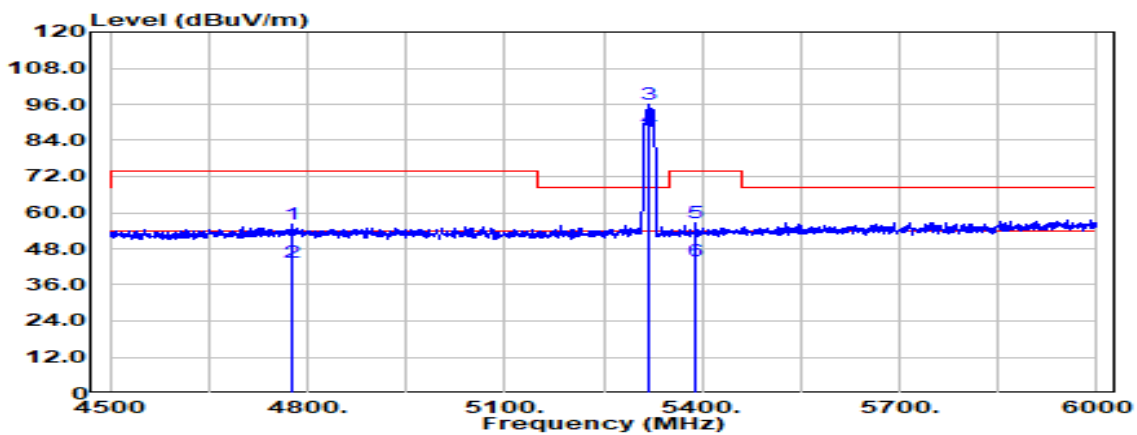
Test Mode	IEEE 802.11a / 5320 MHz	Temp/Hum	19.9(°C)/ 65%RH
Test Item	Band Edge	Test Date	February 23, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4959.750	Peak	38.05	18.71	56.75	74.00	-17.25
4959.750	Average	24.64	18.71	43.34	54.00	-10.66
5320.000	Peak	95.60	19.81	115.42	--	--
5320.000	Average	86.85	19.81	106.66	--	--
5352.000	Peak	38.00	19.83	57.83	74.00	-16.17
5352.000	Average	26.83	19.83	46.66	54.00	-7.34

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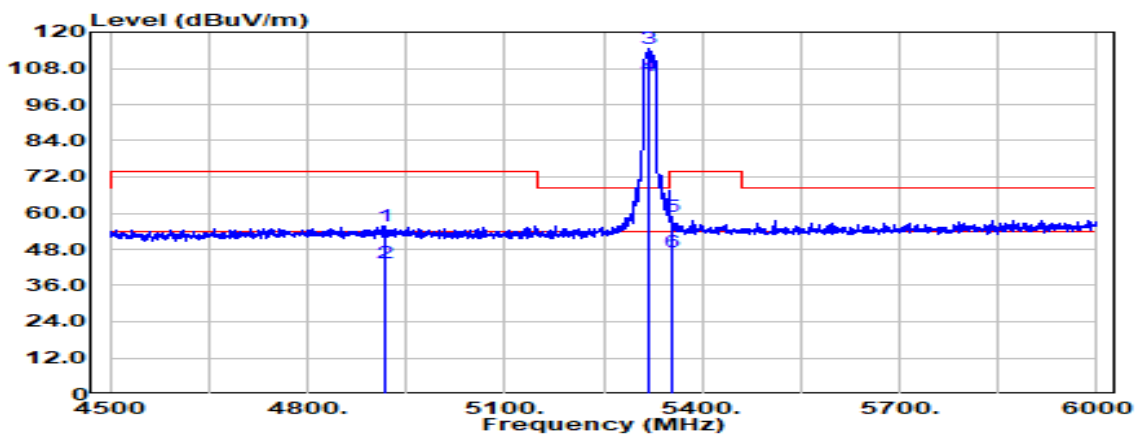
Test Mode	IEEE 802.11a / 5320 MHz	Temp/Hum	19.9(°C) / 65%RH
Test Item	Band Edge	Test Date	February 23, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4776.750	Peak	37.90	18.47	56.37	74.00	-17.63
4776.750	Average	24.97	18.47	43.45	54.00	-10.55
5320.000	Peak	76.38	19.81	96.20	--	--
5320.000	Average	67.94	19.81	87.75	--	--
5389.500	Peak	36.77	20.01	56.78	74.00	-17.22
5389.500	Average	23.81	20.01	43.82	54.00	-10.18

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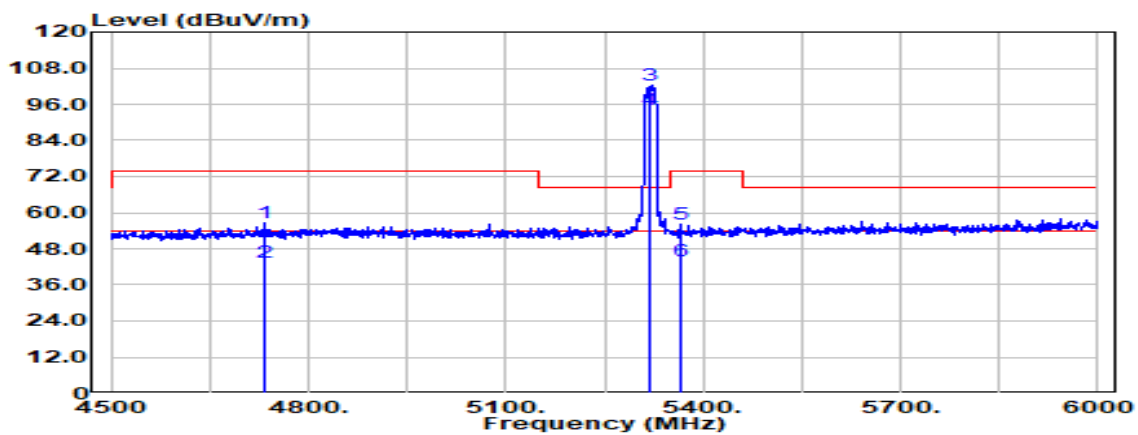
Test Mode	IEEE 802.11ac VHT20 / 5320 MHz	Temp/Hum	19.9(°C)/ 65%RH
Test Item	Band Edge	Test Date	February 23, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4919.250	Peak	37.01	18.62	55.63	74.00	-18.37
4919.250	Average	24.77	18.62	43.39	54.00	-10.61
5320.000	Peak	94.91	19.81	114.72	--	--
5320.000	Average	85.83	19.81	105.65	--	--
5352.750	Peak	38.83	19.83	58.67	74.00	-15.33
5352.750	Average	27.14	19.83	46.97	54.00	-7.03

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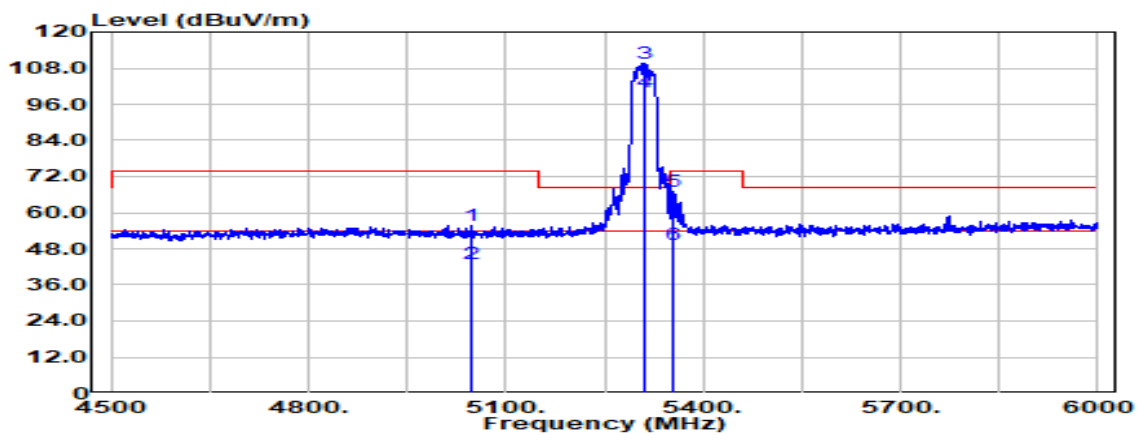
Test Mode	IEEE 802.11ac VHT20 / 5320 MHz	Temp/Hum	19.9(°C) / 65%RH
Test Item	Band Edge	Test Date	February 23, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4734.750	Peak	38.02	18.48	56.50	74.00	-17.50
4734.750	Average	24.82	18.48	43.31	54.00	-10.69
5320.000	Peak	82.42	19.81	102.23	--	--
5320.000	Average	74.38	19.81	94.20	--	--
5365.500	Peak	36.39	19.89	56.28	74.00	-17.72
5365.500	Average	23.81	19.89	43.71	54.00	-10.29

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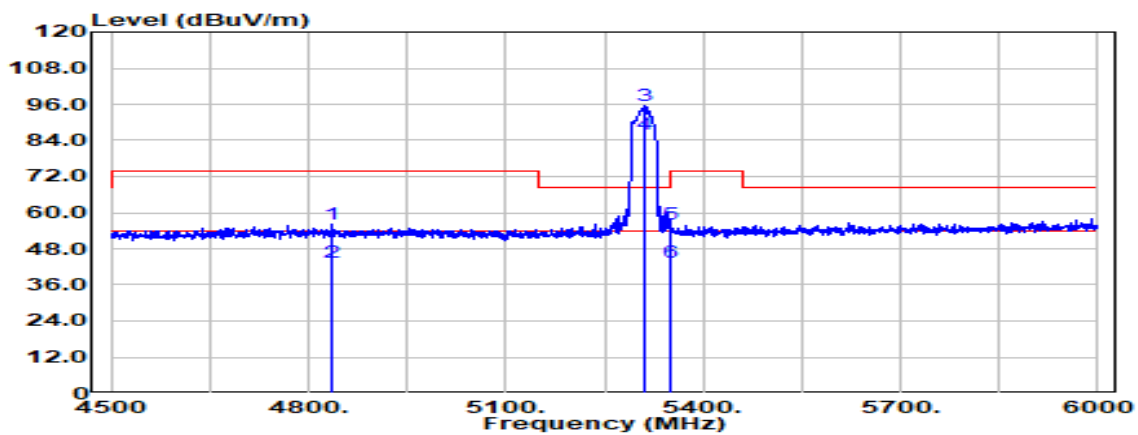
Test Mode	IEEE 802.11ac VHT40 / 5310 MHz	Temp/Hum	19.9(°C) / 65%RH
Test Item	Band Edge	Test Date	February 23, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5049.000	Peak	36.66	18.90	55.56	74.00	-18.44
5049.000	Average	24.35	18.90	43.24	54.00	-10.76
5310.000	Peak	89.67	19.81	109.48	--	--
5310.000	Average	80.46	19.81	100.27	--	--
5354.250	Peak	47.39	19.84	67.23	74.00	-6.77
5354.250	Average	29.73	19.84	49.57	54.00	-4.43

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Test Mode	IEEE 802.11ac VHT40 / 5310 MHz	Temp/Hum	19.9(°C) / 65%RH
Test Item	Band Edge	Test Date	February 23, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB μ V)	Factor (dB)	Actual FS (dB μ V/m)	Limit @3m (dB μ V/m)	Margin (dB)
4835.250	Peak	37.38	18.56	55.94	74.00	-18.06
4835.250	Average	24.72	18.56	43.28	54.00	-10.72
5310.000	Peak	75.62	19.81	95.43	--	--
5310.000	Average	66.09	19.81	85.90	--	--
5351.250	Peak	36.19	19.83	56.01	74.00	-17.99
5351.250	Average	23.68	19.83	43.51	54.00	-10.49