

Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11ac80 / Band 3

Test Date :2021-08-03

Test Frequency :5610 MHz

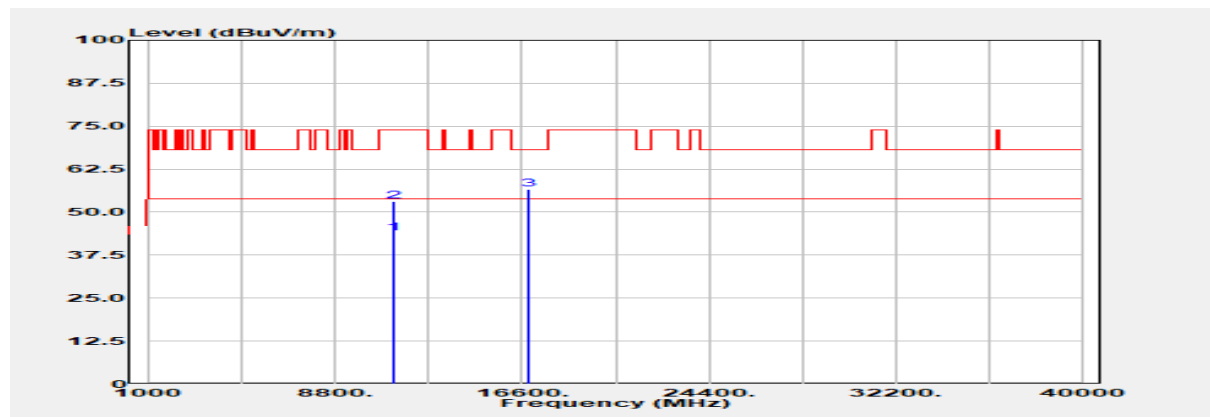
Temp./Humi. :23.7/59

Test Mode :TX CH MID

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Enzo Chang



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
11220.000	Average	20.43	23.49	43.92	54.00	-10.08
11220.000	Peak	29.61	23.49	53.10	74.00	-20.90
16830.000	Peak	30.01	26.72	56.73	68.20	-11.47

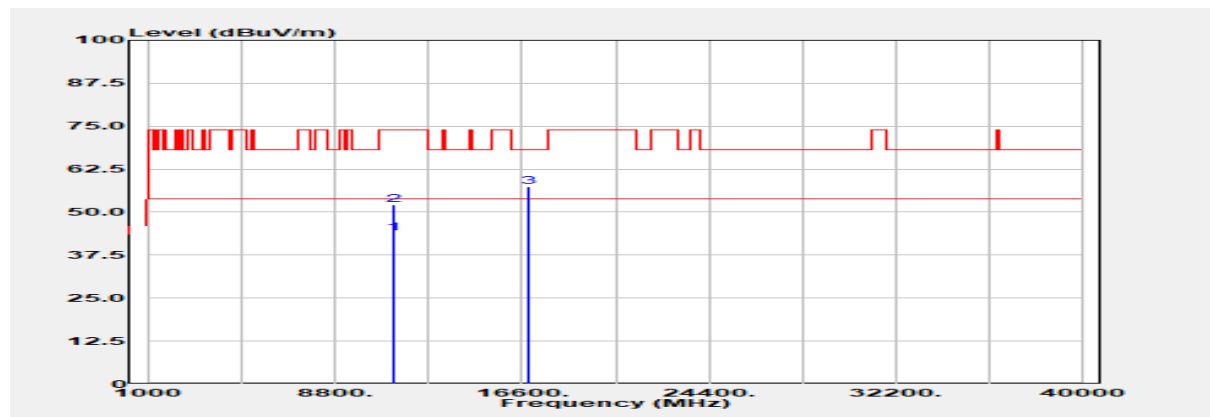
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Report Number :E2/2021/70055
Operation Mode :802.11ac80 / Band 3
Test Frequency :5610 MHz
Test Mode :TX CH MID
EUT Pol :E2 Plane

Test Site :SAC C
Test Date :2021-08-03
Temp./Humi. :23.7/59
Antenna Pol. :Horizontal
Engineer :Enzo Chang



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
11220.000	Average	20.37	23.49	43.86	54.00	-10.14
11220.000	Peak	28.55	23.49	52.04	74.00	-21.96
16830.000	Peak	30.75	26.72	57.47	68.20	-10.73

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11ac80 / Band 3

Test Date :2021-08-03

Test Frequency :5690 MHz

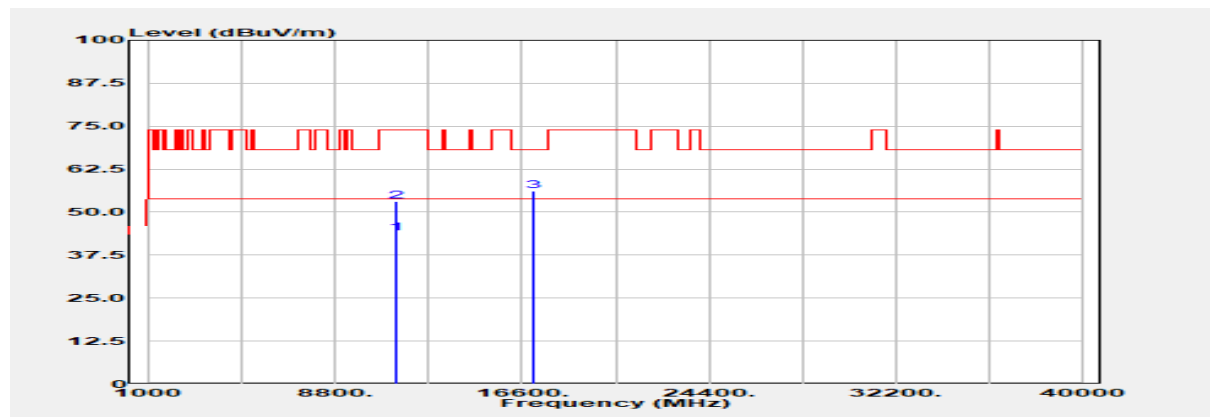
Temp./Humi. :23.7/59

Test Mode :TX CH HIGH

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11380.000	Average	20.63	23.11	43.74	54.00	-10.26
11380.000	Peak	29.93	23.11	53.05	74.00	-20.95
17070.000	Peak	29.97	26.14	56.11	68.20	-12.09

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11ac80 / Band 3

Test Date :2021-08-03

Test Frequency :5690 MHz

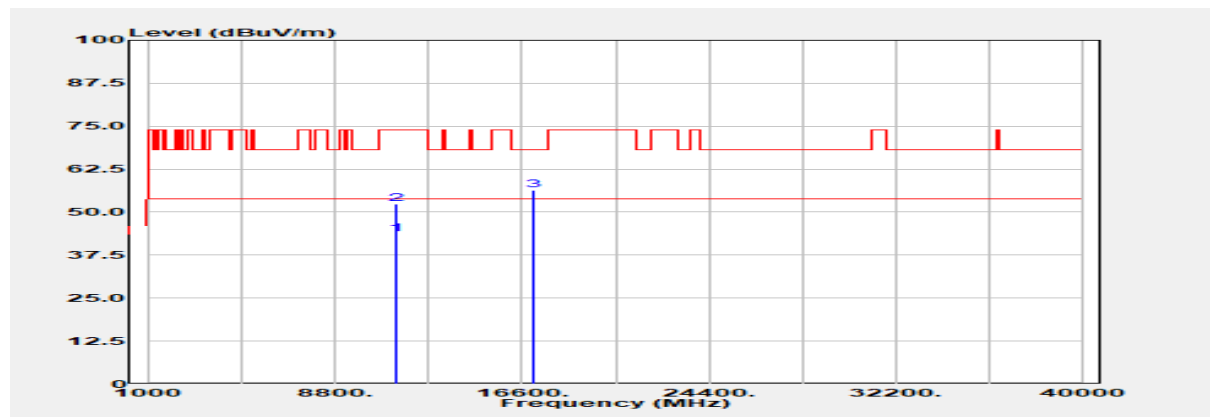
Temp./Humi. :23.7/59

Test Mode :TX CH HIGH

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11380.000	Average	20.52	23.11	43.63	54.00	-10.37
11380.000	Peak	29.22	23.11	52.33	74.00	-21.67
17070.000	Peak	30.14	26.14	56.28	68.20	-11.92

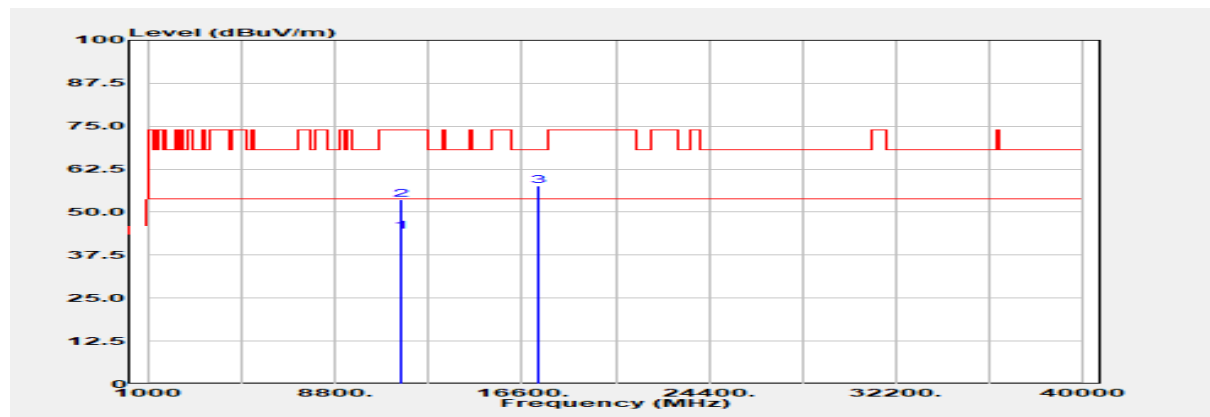
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Report Number :E2/2021/70055
Operation Mode :802.11ac80 / Band 4
Test Frequency :5775 MHz
Test Mode :TX CH LOW
EUT Pol :E2 Plane

Test Site :SAC C
Test Date :2021-08-03
Temp./Humi. :23.7/59
Antenna Pol. :Vertical
Engineer :Enzo Chang



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
11550.000	Average	20.66	23.70	44.36	54.00	-9.64
11550.000	Peak	29.92	23.70	53.62	74.00	-20.38
17325.000	Peak	29.95	27.64	57.59	68.20	-10.61

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11ac80 / Band 4

Test Date :2021-08-03

Test Frequency :5775 MHz

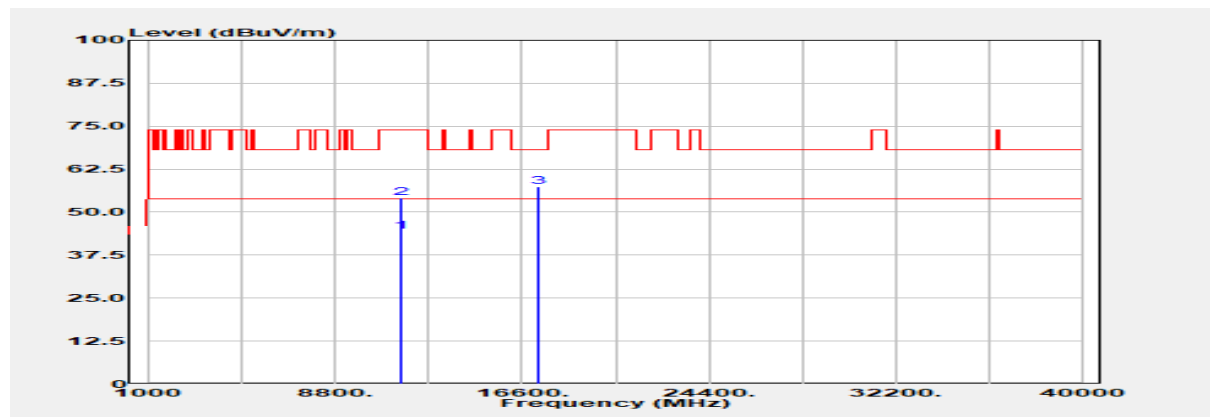
Temp./Humi. :23.7/59

Test Mode :TX CH LOW

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11550.000	Average	20.71	23.70	44.41	54.00	-9.59
11550.000	Peak	30.55	23.70	54.24	74.00	-19.76
17325.000	Peak	29.85	27.64	57.49	68.20	-10.71

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11.7.2 Band edge falling to restricted band

Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11a / Band 1

Test Date :2021-07-30

Test Frequency :5180 MHz

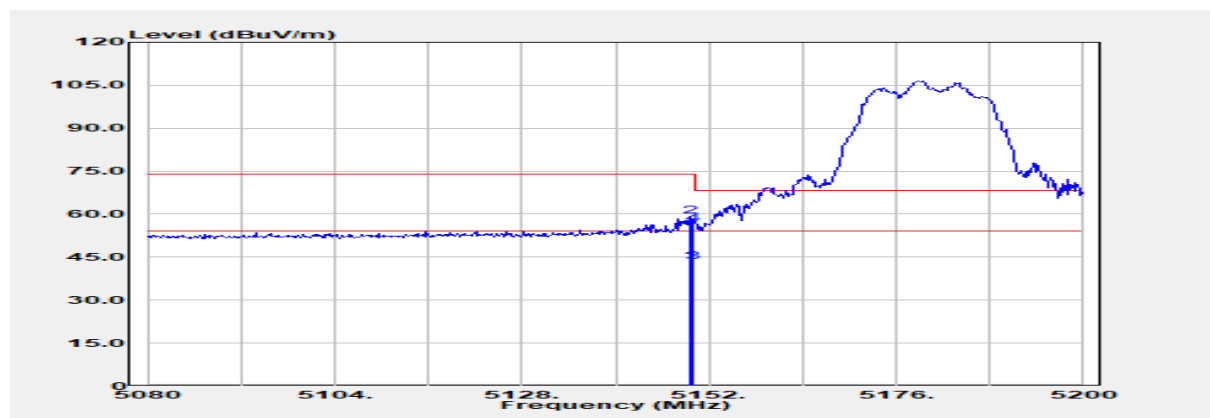
Temp./Humi. :25.4/56

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5149.615	Average	32.77	10.50	43.27	54.00	-10.73
5149.615	Peak	48.77	10.50	59.27	74.00	-14.73
5150.000	Average	32.75	10.50	43.25	54.00	-10.75
5150.000	Peak	45.92	10.50	56.42	74.00	-17.58

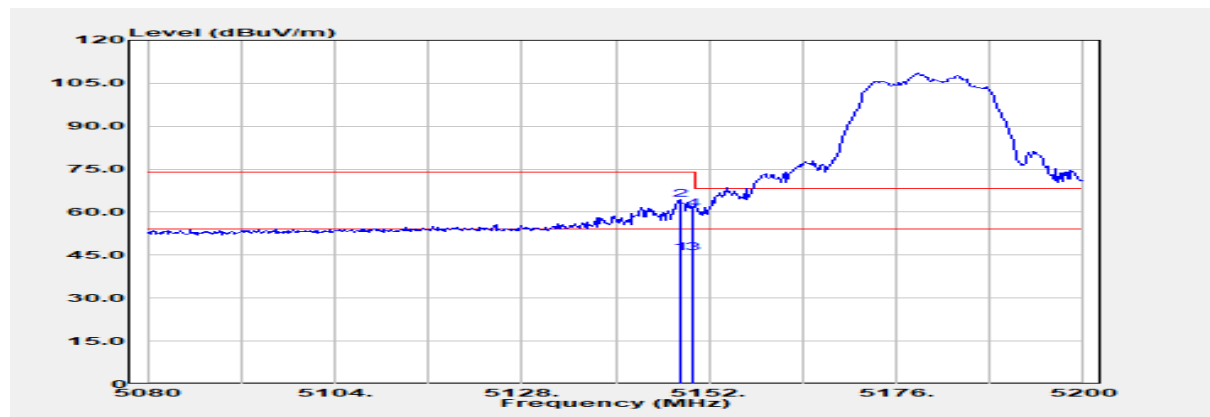
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Report Number :E2/2021/70055
Operation Mode :802.11a / Band 1
Test Frequency :5180 MHz
Test Mode :BE CH LOW
EUT Pol :E2 Plane

Test Site :SAC C
Test Date :2021-07-30
Temp./Humi. :25.4/56
Antenna Pol. :Horizontal
Engineer :Enzo Chang



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
5148.269	Average	35.15	10.49	45.64	54.00	-8.36
5148.269	Peak	53.98	10.49	64.46	74.00	-9.54
5150.000	Average	35.07	10.50	45.57	54.00	-8.43
5150.000	Peak	50.56	10.50	61.06	74.00	-12.94

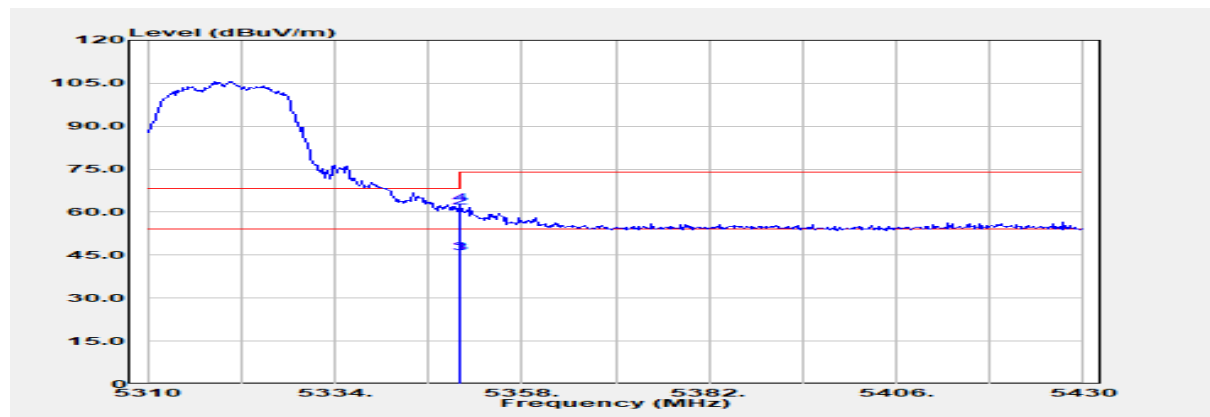
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Report Number :E2/2021/70055
Operation Mode :802.11a / Band 2
Test Frequency :5320 MHz
Test Mode :BE CH HIGH
EUT Pol :E2 Plane

Test Site :SAC C
Test Date :2021-07-30
Temp./Humi. :25.4/56
Antenna Pol. :Vertical
Engineer :Enzo Chang



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
5350.000	Average	34.24	11.54	45.78	54.00	-8.22
5350.000	Peak	50.19	11.54	61.72	74.00	-12.28
5350.192	Average	34.12	11.54	45.66	54.00	-8.34
5350.192	Peak	51.33	11.54	62.87	74.00	-11.13

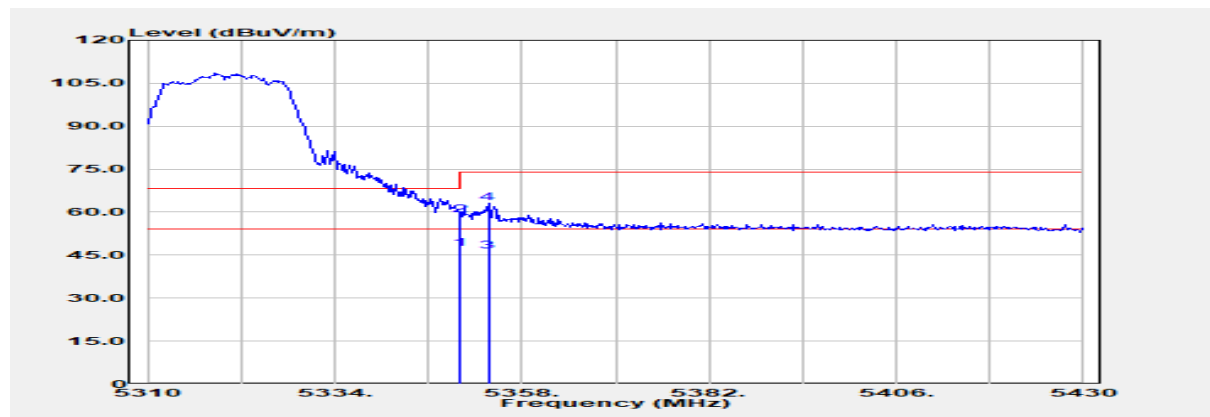
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Report Number :E2/2021/70055
Operation Mode :802.11a / Band 2
Test Frequency :5320 MHz
Test Mode :BE CH HIGH
EUT Pol :E2 Plane

Test Site :SAC C
Test Date :2021-07-30
Temp./Humi. :25.4/56
Antenna Pol. :Horizontal
Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	35.61	11.54	47.15	54.00	-6.85
5350.000	Peak	47.49	11.54	59.02	74.00	-14.98
5353.654	Average	34.81	11.57	46.38	54.00	-7.62
5353.654	Peak	51.64	11.57	63.21	74.00	-10.79

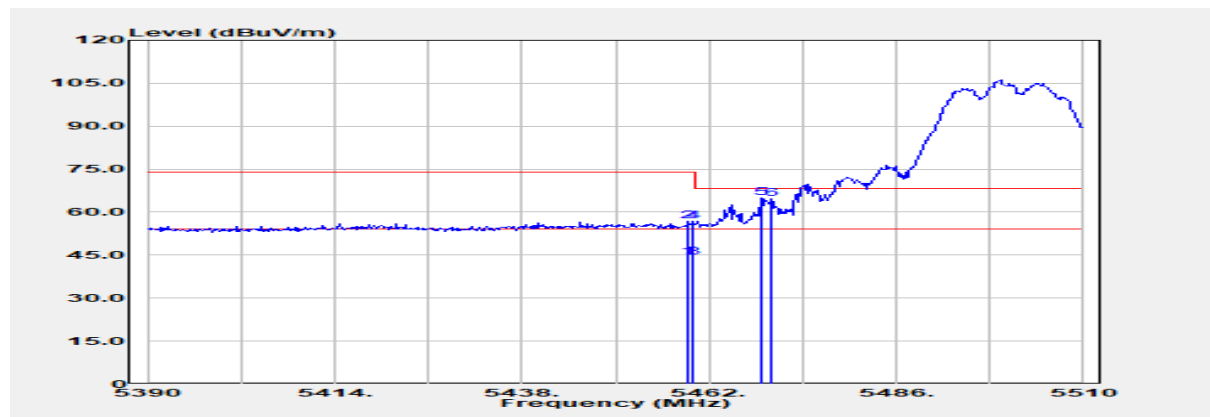
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Report Number :E2/2021/70055
Operation Mode :802.11a / Band 3
Test Frequency :5500 MHz
Test Mode :BE CH LOW
EUT Pol :E2 Plane

Test Site :SAC C
Test Date :2021-07-30
Temp./Humi. :25.4/56
Antenna Pol. :Vertical
Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5459.423	Average	32.46	11.69	44.15	54.00	-9.85
5459.423	Peak	45.27	11.69	56.96	74.00	-17.04
5460.000	Average	32.51	11.66	44.17	54.00	-9.83
5460.000	Peak	45.06	11.66	56.72	74.00	-17.28
5468.654	Peak	53.09	11.72	64.81	68.20	-3.39
5470.000	Peak	52.84	11.73	64.57	68.20	-3.63

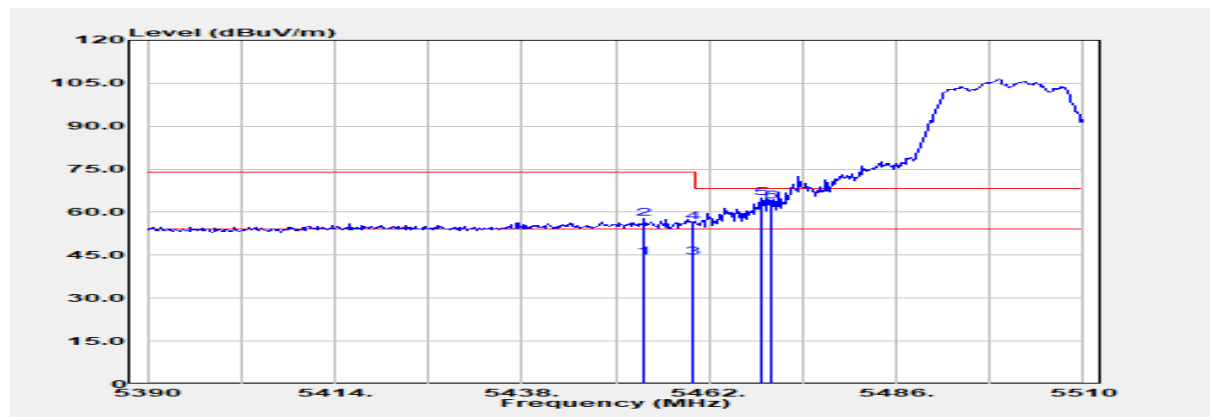
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Report Number :E2/2021/70055
Operation Mode :802.11a / Band 3
Test Frequency :5500 MHz
Test Mode :BE CH LOW
EUT Pol :E2 Plane

Test Site :SAC C
Test Date :2021-07-30
Temp./Humi. :25.4/56
Antenna Pol. :Horizontal
Engineer :Enzo Chang



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
5453.654	Average	32.25	12.00	44.25	54.00	-9.75
5453.654	Peak	45.63	12.00	57.63	74.00	-16.37
5460.000	Average	32.51	11.66	44.17	54.00	-9.83
5460.000	Peak	44.98	11.66	56.64	74.00	-17.36
5468.846	Peak	53.36	11.72	65.09	68.20	-3.11
5470.000	Peak	52.14	11.73	63.88	68.20	-4.32

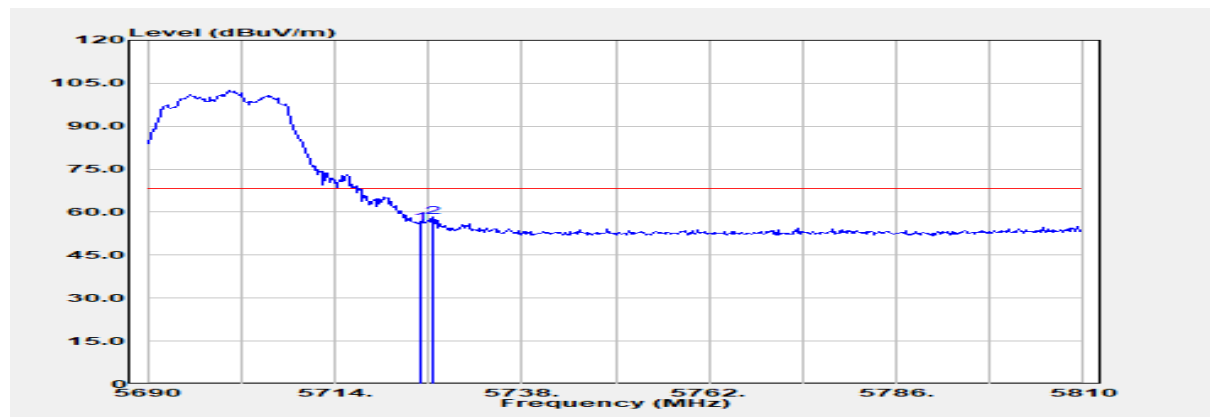
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Report Number :E2/2021/70055
 Operation Mode :802.11a / Band 3
 Test Frequency :5700 MHz
 Test Mode :BE CH HIGH
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2021-07-30
 Temp./Humi. :25.4/56
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5725.000	Peak	45.60	10.62	56.23	68.20	-11.97
5726.539	Peak	47.77	10.58	58.35	68.20	-9.85

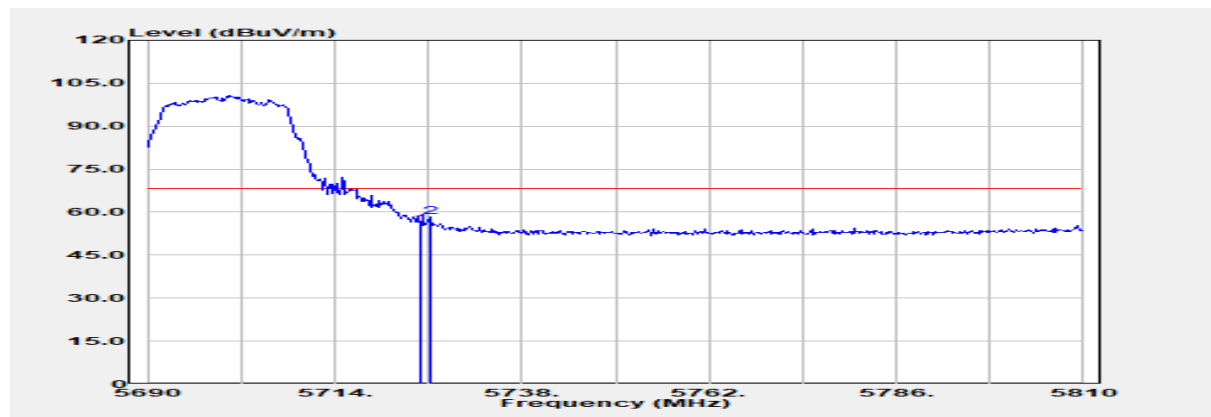
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Report Number :E2/2021/70055
 Operation Mode :802.11a / Band 3
 Test Frequency :5700 MHz
 Test Mode :BE CH HIGH
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2021-07-30
 Temp./Humi. :25.4/56
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	45.06	10.62	55.68	68.20	-12.52
5726.154	Peak	47.78	10.59	58.37	68.20	-9.83

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11a / Band 3-4

Test Date :2021-07-30

Test Frequency :5720 MHz

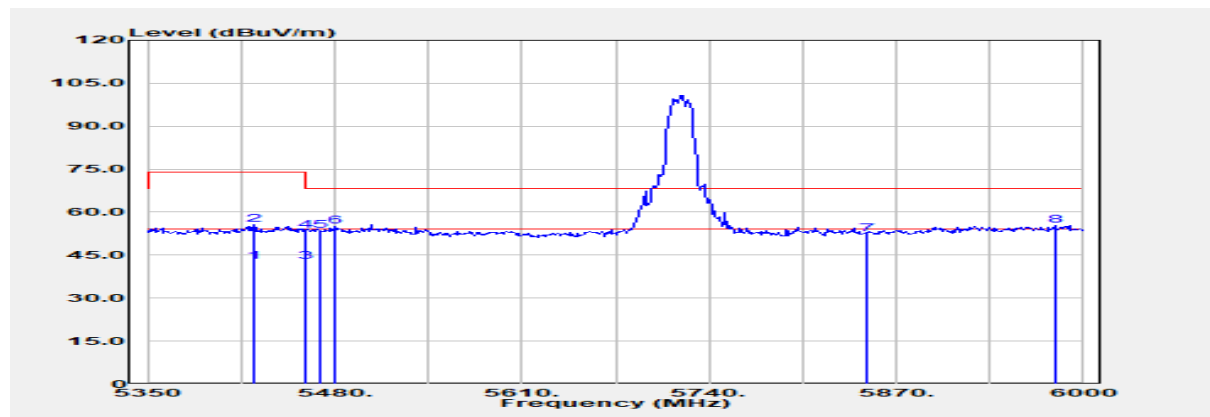
Temp./Humi. :25.4/56

Test Mode :BE CH 144

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5423.958	Average	30.92	11.94	42.86	54.00	-11.14
5423.958	Peak	43.80	11.94	55.74	74.00	-18.26
5460.000	Average	30.93	11.66	42.59	54.00	-11.41
5460.000	Peak	41.81	11.66	53.48	74.00	-20.52
5470.000	Peak	41.71	11.73	53.45	68.20	-14.75
5480.000	Peak	42.69	12.35	55.03	68.20	-13.17
5850.000	Peak	41.06	11.31	52.37	68.20	-15.83
5980.208	Peak	42.24	13.18	55.42	68.20	-12.78

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11a / Band 3-4

Test Date :2021-07-30

Test Frequency :5720 MHz

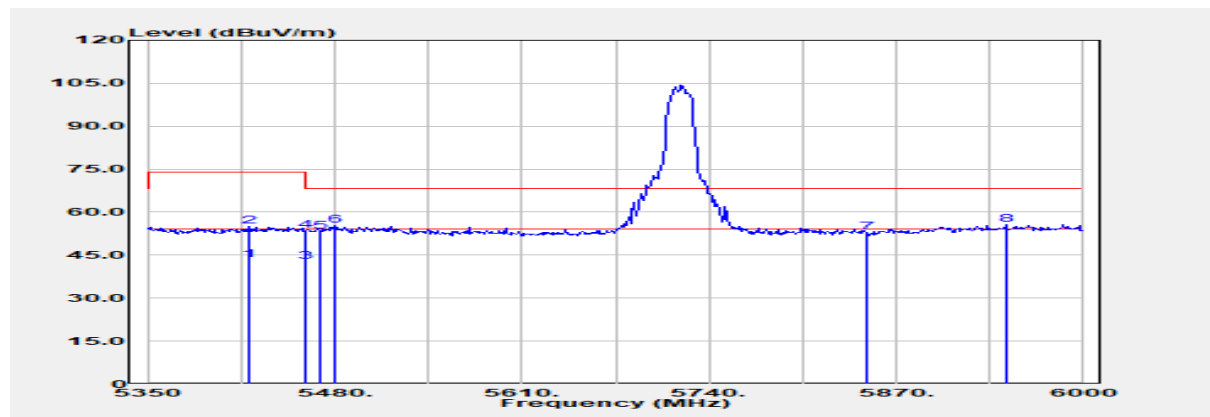
Temp./Humi. :25.4/56

Test Mode :BE CH 144

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5419.792	Average	31.03	12.21	43.24	54.00	-10.76
5419.792	Peak	42.74	12.21	54.95	74.00	-19.05
5460.000	Average	30.99	11.66	42.65	54.00	-11.35
5460.000	Peak	42.01	11.66	53.67	74.00	-20.33
5470.000	Peak	41.39	11.73	53.12	68.20	-15.08
5480.000	Peak	42.87	12.35	55.22	68.20	-12.98
5850.000	Peak	41.58	11.31	52.89	68.20	-15.31
5945.833	Peak	42.73	12.85	55.57	68.20	-12.63

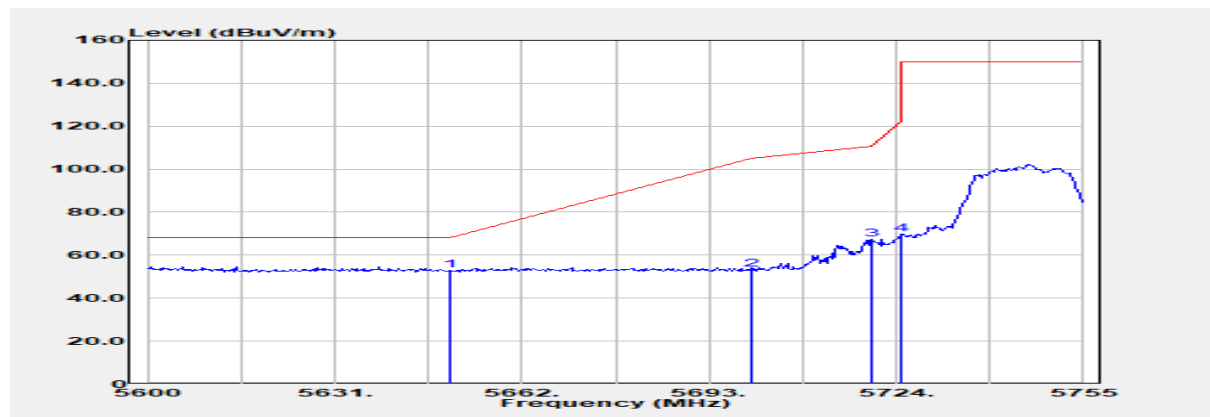
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Report Number :E2/2021/70055
Operation Mode :802.11a / Band 4
Test Frequency :5745 MHz
Test Mode :BE CH LOW
EUT Pol :E2 Plane

Test Site :SAC C
Test Date :2021-07-30
Temp./Humi. :25.4/56
Antenna Pol. :Vertical
Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5650.000	Peak	42.46	10.51	52.97	68.20	-15.23
5700.000	Peak	43.10	10.41	53.50	105.20	-51.70
5720.000	Peak	56.70	10.76	67.47	110.80	-43.33
5725.000	Peak	58.96	10.62	69.58	122.20	-52.62

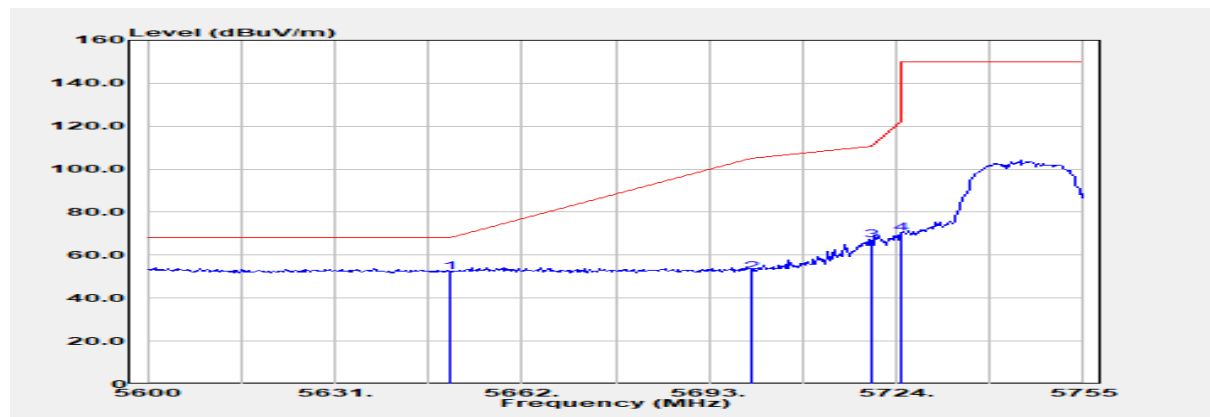
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Report Number :E2/2021/70055
 Operation Mode :802.11a / Band 4
 Test Frequency :5745 MHz
 Test Mode :BE CH LOW
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2021-07-30
 Temp./Humi. :25.4/56
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5650.000	Peak	41.71	10.51	52.21	68.20	-15.99
5700.000	Peak	41.82	10.41	52.23	105.20	-52.97
5720.000	Peak	56.16	10.76	66.92	110.80	-43.88
5725.000	Peak	59.67	10.62	70.30	122.20	-51.90

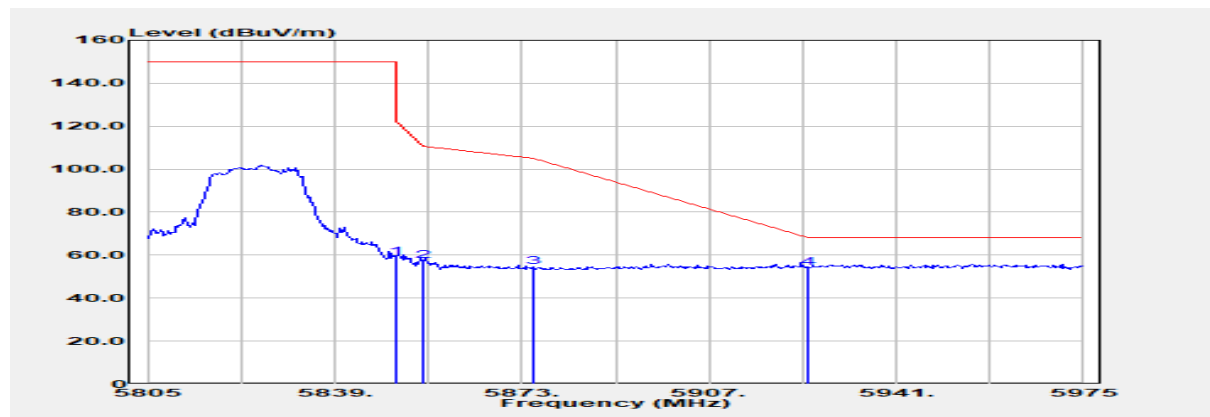
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Report Number :E2/2021/70055
Operation Mode :802.11a / Band 4
Test Frequency :5825 MHz
Test Mode :BE CH HIGH
EUT Pol :E2 Plane

Test Site :SAC C
Test Date :2021-07-30
Temp./Humi. :25.4/56
Antenna Pol. :Vertical
Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	47.83	11.31	59.14	122.20	-63.06
5855.000	Peak	45.70	11.61	57.31	110.80	-53.49
5875.000	Peak	42.32	12.08	54.40	105.20	-50.80
5925.000	Peak	41.32	12.98	54.30	68.20	-13.90

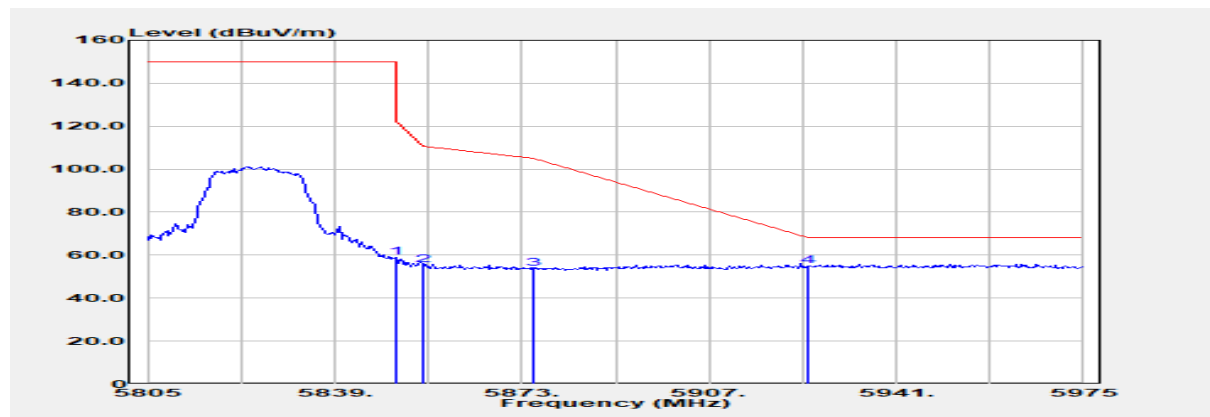
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Report Number :E2/2021/70055
Operation Mode :802.11a / Band 4
Test Frequency :5825 MHz
Test Mode :BE CH HIGH
EUT Pol :E2 Plane

Test Site :SAC C
Test Date :2021-07-30
Temp./Humi. :25.4/56
Antenna Pol. :Horizontal
Engineer :Enzo Chang



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
5850.000	Peak	47.56	11.31	58.87	122.20	-63.33
5855.000	Peak	43.92	11.61	55.53	110.80	-55.27
5875.000	Peak	41.52	12.08	53.60	105.20	-51.60
5925.000	Peak	41.93	12.98	54.91	68.20	-13.29

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11n20 / Band 1

Test Date :2021-07-31

Test Frequency :5180 MHz

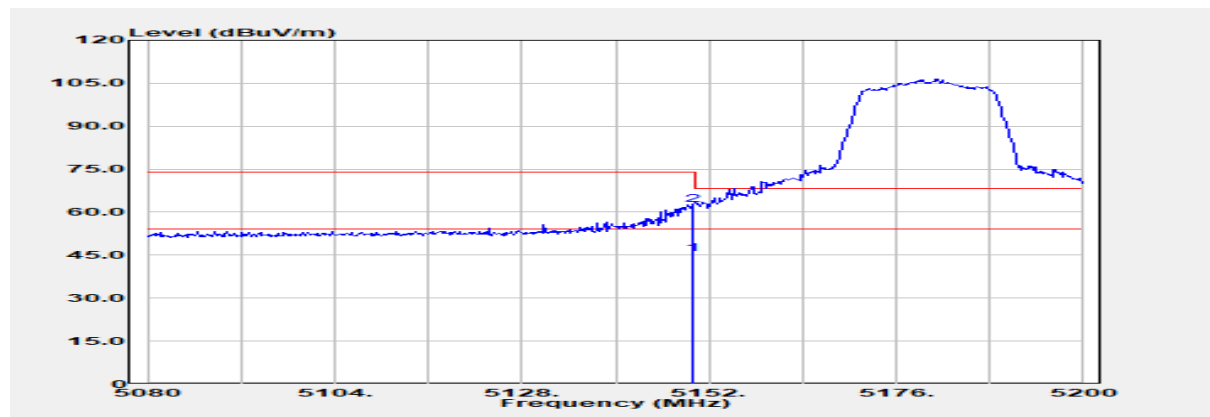
Temp./Humi. :24.5/60

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Enzo Chang



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
5150.000	Average	34.77	10.50	45.27	54.00	-8.73
5150.000	Peak	52.09	10.50	62.59	74.00	-11.41

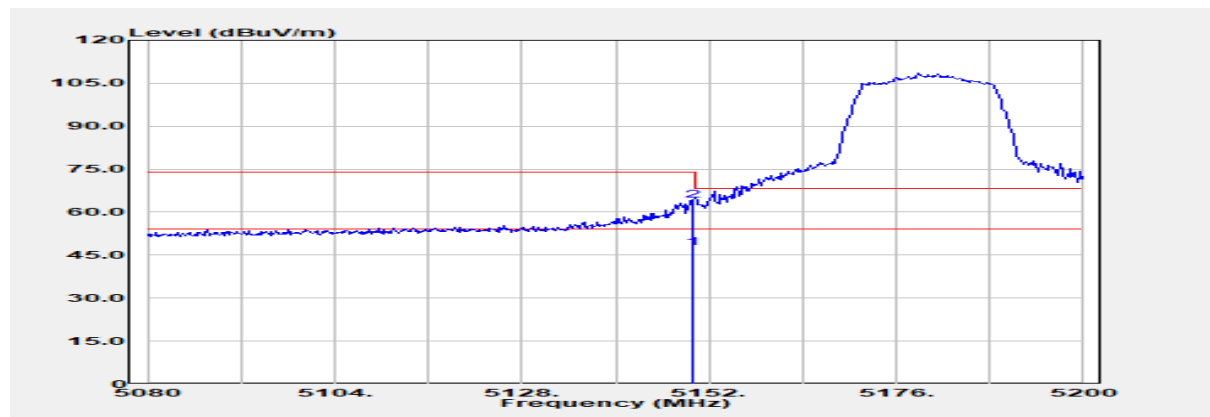
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Report Number :E2/2021/70055
 Operation Mode :802.11n20 / Band 1
 Test Frequency :5180 MHz
 Test Mode :BE CH LOW
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2021-07-31
 Temp./Humi. :24.5/60
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



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
5150.000	Average	36.92	10.50	47.42	54.00	-6.58
5150.000	Peak	53.52	10.50	64.02	74.00	-9.98

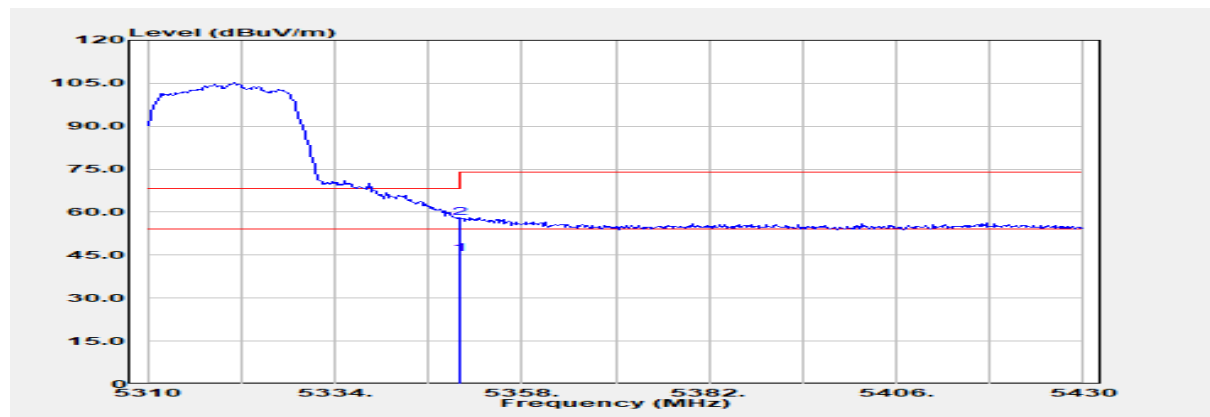
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Report Number :E2/2021/70055
 Operation Mode :802.11n20 / Band 2
 Test Frequency :5320 MHz
 Test Mode :BE CH HIGH
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2021-07-31
 Temp./Humi. :24.5/60
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



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
5350.000	Average	33.92	11.54	45.46	54.00	-8.54
5350.000	Peak	46.52	11.54	58.05	74.00	-15.95

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11n20 / Band 2

Test Date :2021-07-31

Test Frequency :5320 MHz

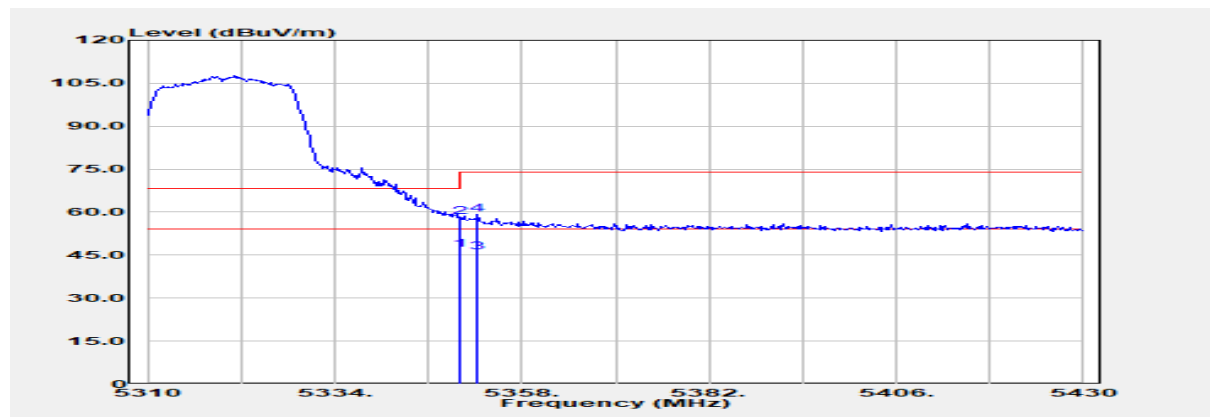
Temp./Humi. :24.5/60

Test Mode :BE CH HIGH

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5350.000	Average	35.31	11.54	46.85	54.00	-7.15
5350.000	Peak	46.80	11.54	58.34	74.00	-15.66
5352.308	Average	34.47	11.56	46.03	54.00	-7.97
5352.308	Peak	47.61	11.56	59.17	74.00	-14.83

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11n20 / Band 3

Test Date :2021-07-31

Test Frequency :5500 MHz

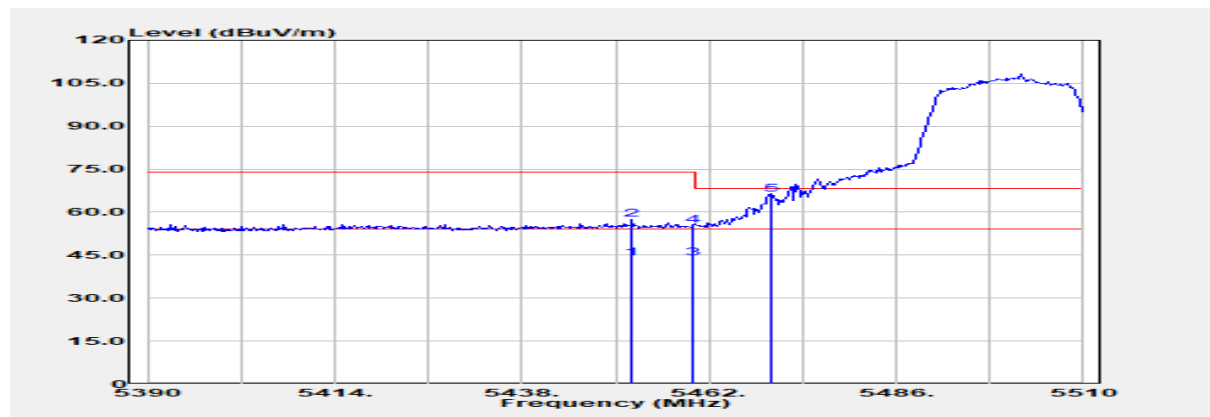
Temp./Humi. :24.5/56

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5452.115	Average	31.80	12.08	43.88	54.00	-10.12
5452.115	Peak	45.44	12.08	57.51	74.00	-16.49
5460.000	Average	32.18	11.66	43.84	54.00	-10.16
5460.000	Peak	43.75	11.66	55.42	74.00	-18.58
5470.000	Peak	54.39	11.73	66.12	68.20	-2.08

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11n20 / Band 3

Test Date :2021-07-31

Test Frequency :5500 MHz

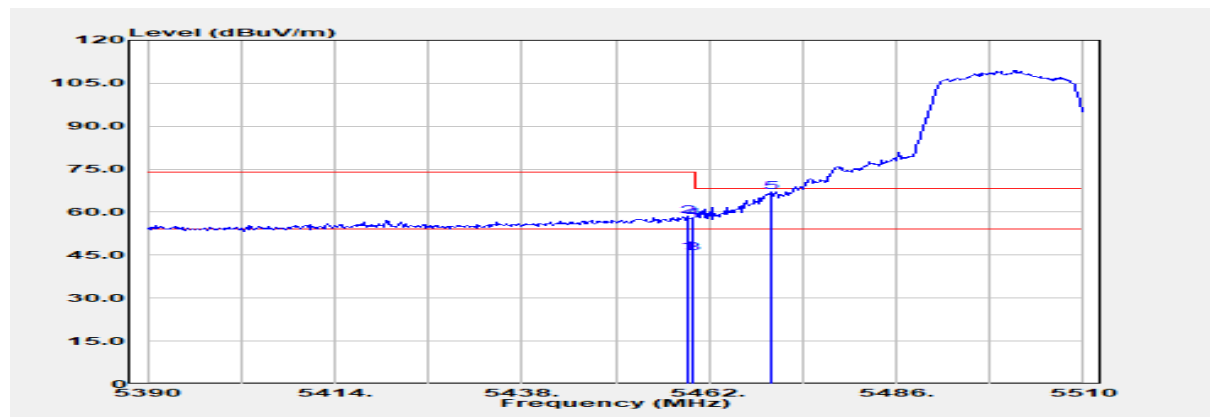
Temp./Humi. :24.5/56

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Ashton Chiu



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
5459.231	Average	34.17	11.70	45.87	54.00	-8.13
5459.231	Peak	46.89	11.70	58.59	74.00	-15.41
5460.000	Average	34.07	11.66	45.73	54.00	-8.27
5460.000	Peak	46.13	11.66	57.80	74.00	-16.20
5470.000	Peak	55.31	11.73	67.04	68.20	-1.16

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11n20 / Band 3

Test Date :2021-07-31

Test Frequency :5700 MHz

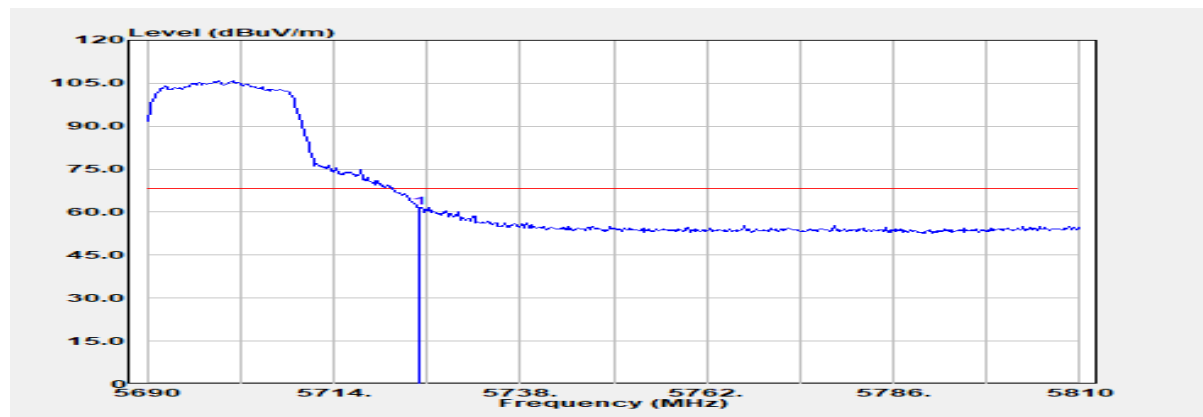
Temp./Humi. :24.5/56

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	50.97	10.62	61.59	68.20	-6.61

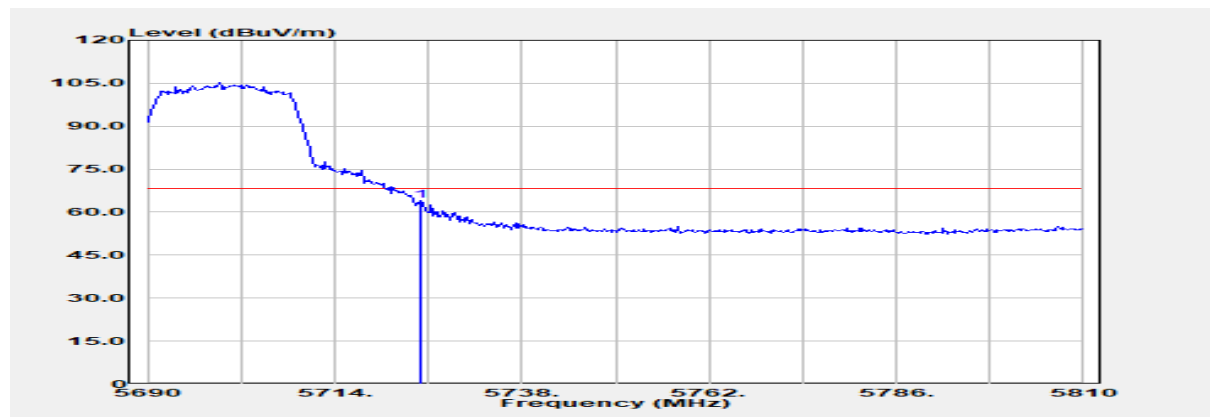
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Report Number :E2/2021/70055
 Operation Mode :802.11n20 / Band 3
 Test Frequency :5700 MHz
 Test Mode :BE CH HIGH
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2021-07-31
 Temp./Humi. :24.5/56
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	53.47	10.62	64.09	68.20	-4.11

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11n20 / Band 3-4

Test Date :2021-07-31

Test Frequency :5720 MHz

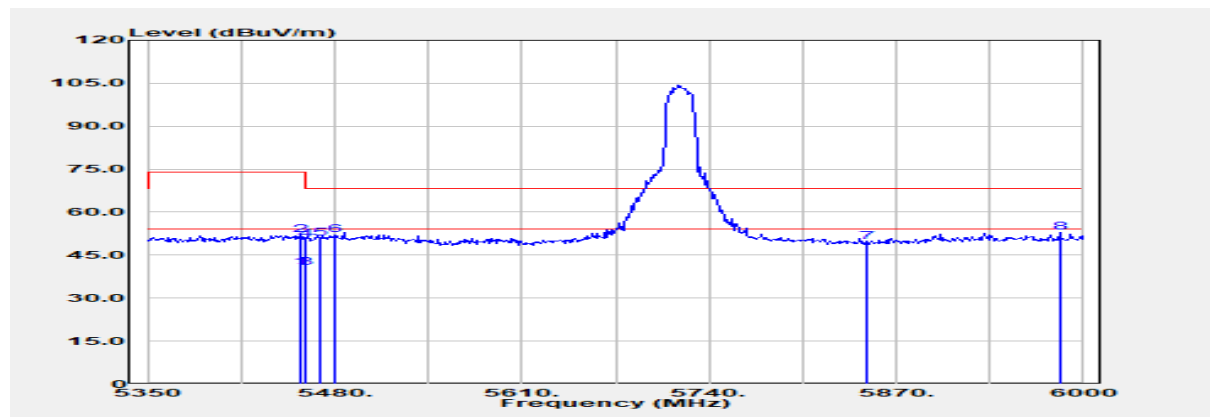
Temp./Humi. :24.5/56

Test Mode :BE CH 144

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5456.250	Average	28.75	11.86	40.61	54.00	-13.39
5456.250	Peak	40.09	11.86	51.95	74.00	-22.05
5460.000	Average	28.80	11.66	40.46	54.00	-13.54
5460.000	Peak	39.00	11.66	50.67	74.00	-23.33
5470.000	Peak	38.97	11.73	50.70	68.20	-17.50
5480.000	Peak	39.68	12.35	52.03	68.20	-16.17
5850.000	Peak	38.34	11.31	49.65	68.20	-18.55
5983.333	Peak	39.78	13.27	53.05	68.20	-15.15

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11n20 / Band 3-4

Test Date :2021-07-31

Test Frequency :5720 MHz

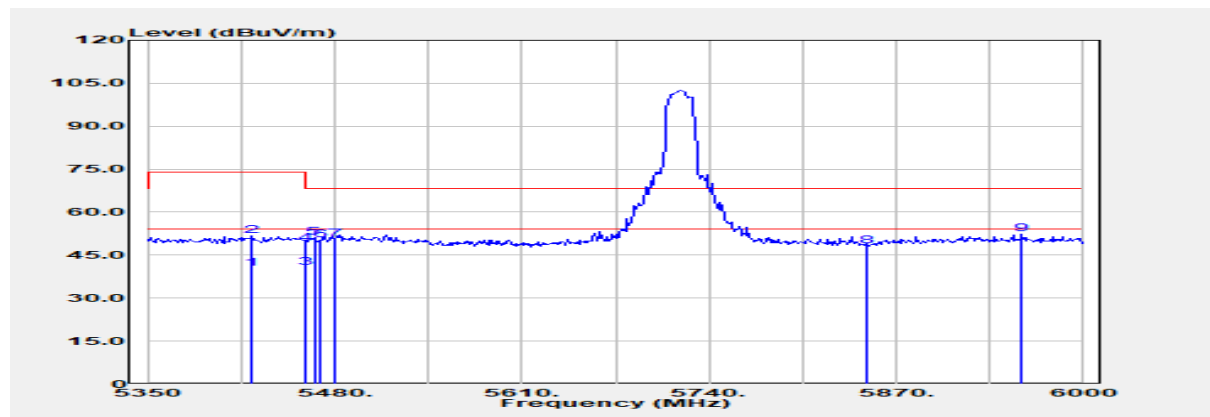
Temp./Humi. :24.5/56

Test Mode :BE CH 144

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5422.917	Average	28.43	12.01	40.44	54.00	-13.56
5422.917	Peak	39.57	12.01	51.58	74.00	-22.42
5460.000	Average	28.86	11.66	40.52	54.00	-13.48
5460.000	Peak	37.44	11.66	49.10	74.00	-24.90
5465.625	Peak	39.41	11.70	51.11	68.20	-17.09
5470.000	Peak	38.57	11.73	50.31	68.20	-17.89
5480.000	Peak	38.22	12.35	50.56	68.20	-17.64
5850.000	Peak	36.83	11.31	48.14	68.20	-20.06
5957.292	Peak	38.99	13.35	52.34	68.20	-15.86

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11n20 / Band 4

Test Date :2021-08-03

Test Frequency :5745 MHz

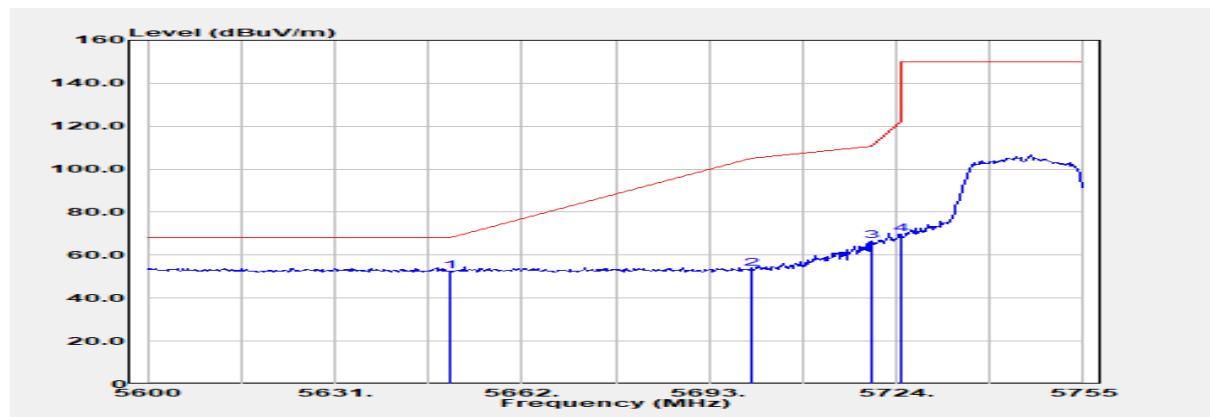
Temp./Humi. :23.5/60

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.000	Peak	42.02	10.51	52.53	68.20	-15.67
5700.000	Peak	43.41	10.41	53.81	105.20	-51.39
5720.000	Peak	55.82	10.76	66.58	110.80	-44.22
5725.000	Peak	59.20	10.62	69.82	122.20	-52.38

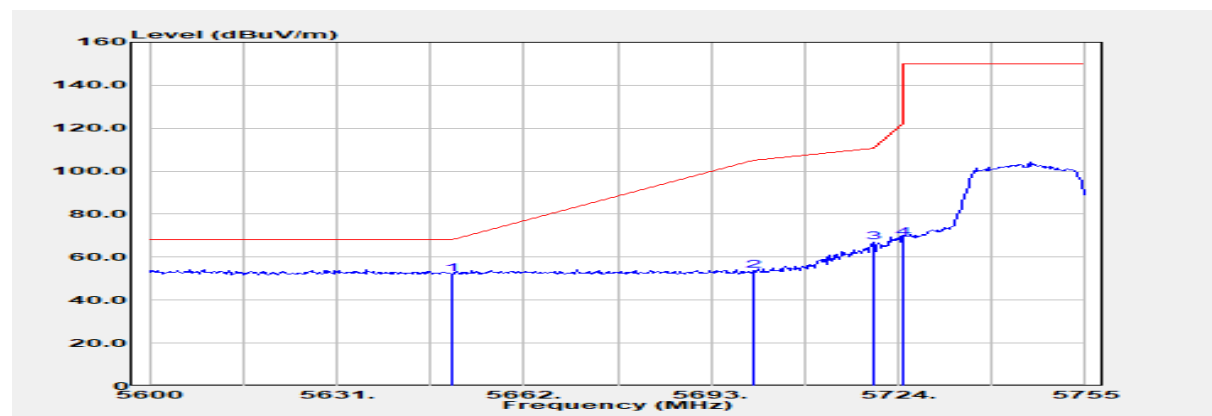
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Report Number :E2/2021/70055
Operation Mode :802.11n20 / Band 4
Test Frequency :5745 MHz
Test Mode :BE CH LOW
EUT Pol :E2 Plane

Test Site :SAC C
Test Date :2021-08-03
Temp./Humi. :23.5/60
Antenna Pol. :Horizontal
Engineer :Enzo Chang



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
5650.000	Peak	41.81	10.51	52.31	68.20	-15.89
5700.000	Peak	43.21	10.41	53.62	105.20	-51.58
5720.000	Peak	56.21	10.76	66.97	110.80	-43.83
5725.000	Peak	58.41	10.62	69.03	122.20	-53.17

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11n20 / Band 4

Test Date :2021-08-03

Test Frequency :5825 MHz

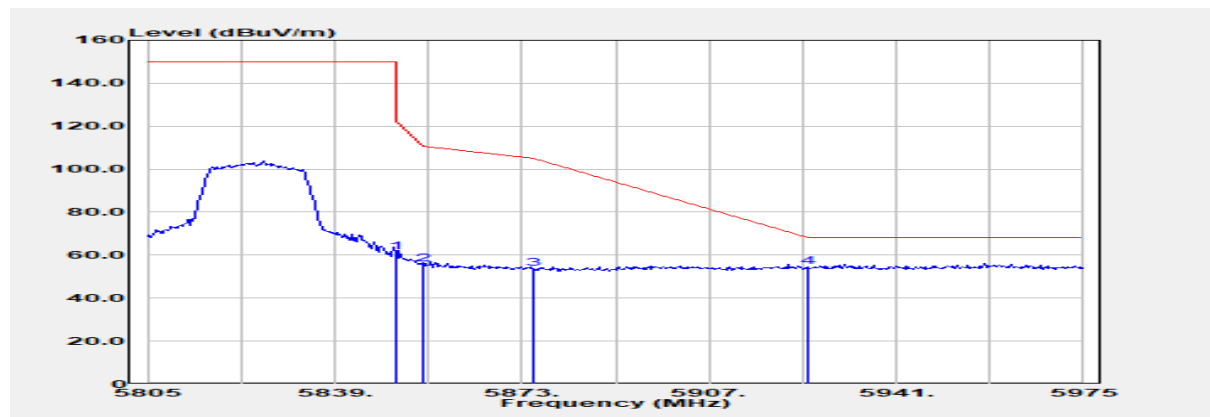
Temp./Humi. :23.5/60

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	49.98	11.31	61.29	122.20	-60.91
5855.000	Peak	44.08	11.61	55.69	110.80	-55.11
5875.000	Peak	41.83	12.08	53.91	105.20	-51.29
5925.000	Peak	41.65	12.98	54.63	68.20	-13.57

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11n20 / Band 4

Test Date :2021-08-03

Test Frequency :5825 MHz

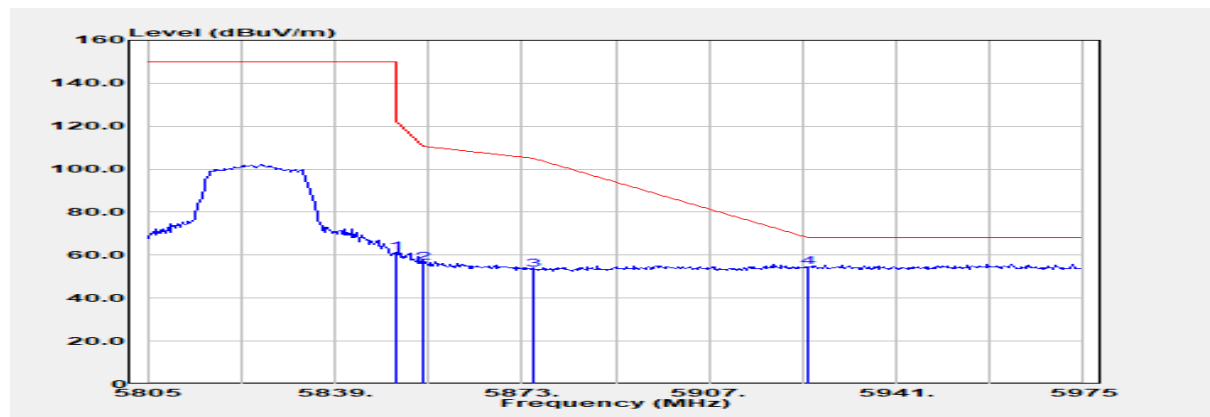
Temp./Humi. :23.5/60

Test Mode :BE CH HIGH

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	50.02	11.31	61.33	122.20	-60.87
5855.000	Peak	44.79	11.61	56.40	110.80	-54.40
5875.000	Peak	41.10	12.08	53.18	105.20	-52.02
5925.000	Peak	41.40	12.98	54.38	68.20	-13.82

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11n40 / Band 1

Test Date :2021-08-03

Test Frequency :5190 MHz

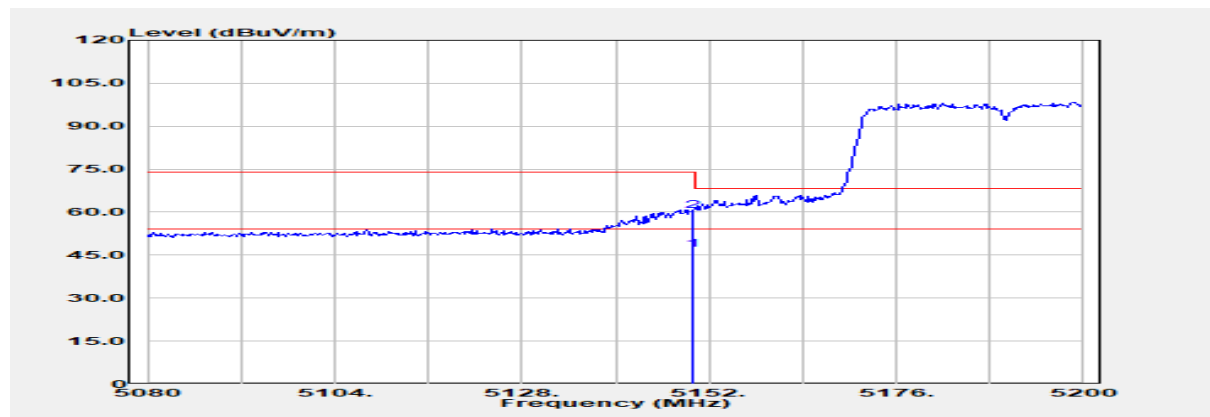
Temp./Humi. :23.7/62

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Enzo Chang



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
5150.000	Average	36.48	10.50	46.98	54.00	-7.02
5150.000	Peak	49.93	10.50	60.43	74.00	-13.57

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11n40 / Band 1

Test Date :2021-08-03

Test Frequency :5190 MHz

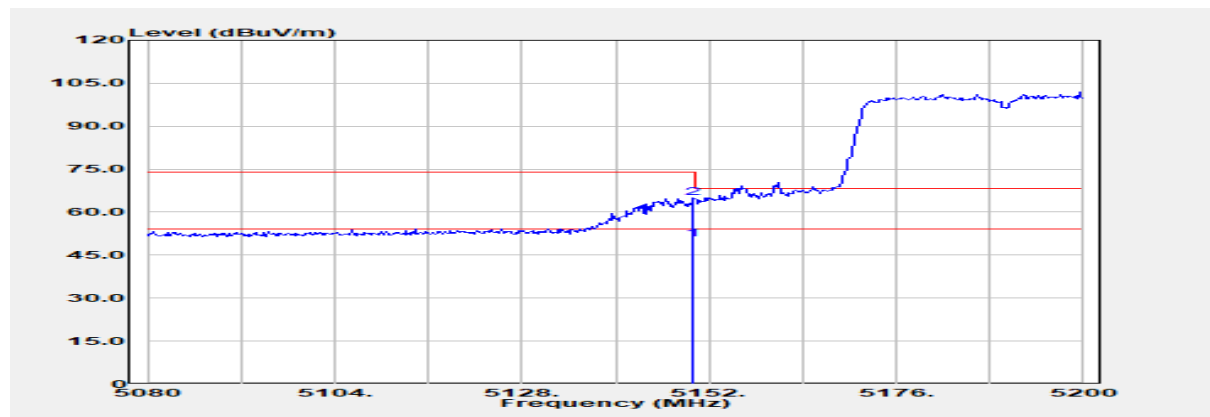
Temp./Humi. :23.7/62

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Enzo Chang



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
5150.000	Average	40.07	10.50	50.57	54.00	-3.43
5150.000	Peak	54.55	10.50	65.05	74.00	-8.95

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11n40 / Band 2

Test Date :2021-08-03

Test Frequency :5310 MHz

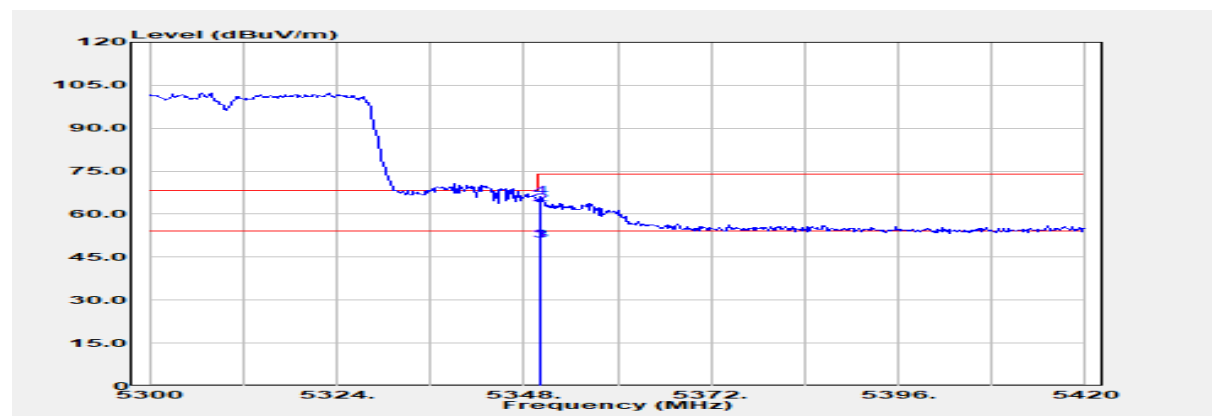
Temp./Humi. :23.7/62

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Enzo Chang



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
5350.000	Average	39.28	11.54	50.82	54.00	-3.18
5350.000	Peak	52.02	11.54	63.56	74.00	-10.44
5350.192	Average	39.43	11.54	50.97	54.00	-3.03
5350.192	Peak	54.69	11.54	66.23	74.00	-7.77

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11n40 / Band 2

Test Date :2021-08-03

Test Frequency :5310 MHz

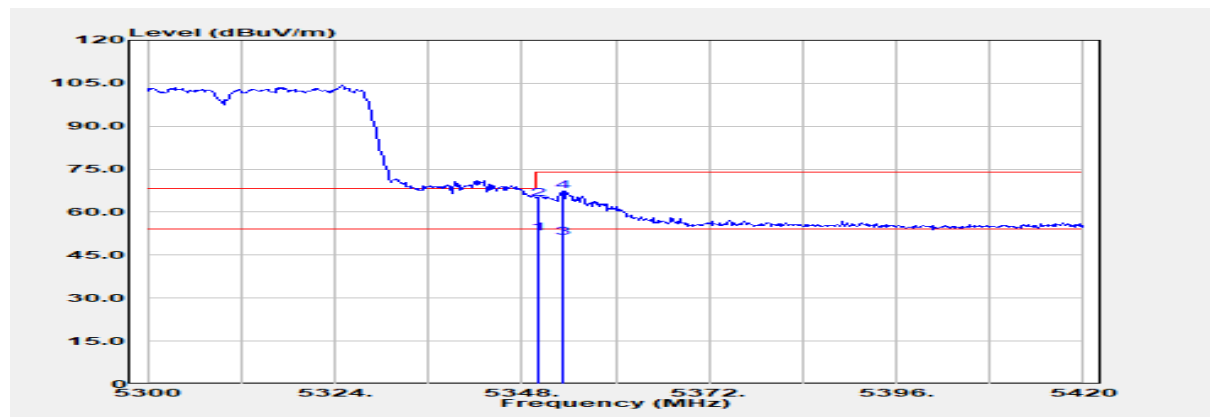
Temp./Humi. :23.7/62

Test Mode :BE CH HIGH

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	41.06	11.54	52.60	54.00	-1.40
5350.000	Peak	53.05	11.54	64.58	74.00	-9.42
5353.269	Average	39.55	11.57	51.12	54.00	-2.88
5353.269	Peak	55.80	11.57	67.37	74.00	-6.63

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11n40 / Band 3

Test Date :2021-08-03

Test Frequency :5510 MHz

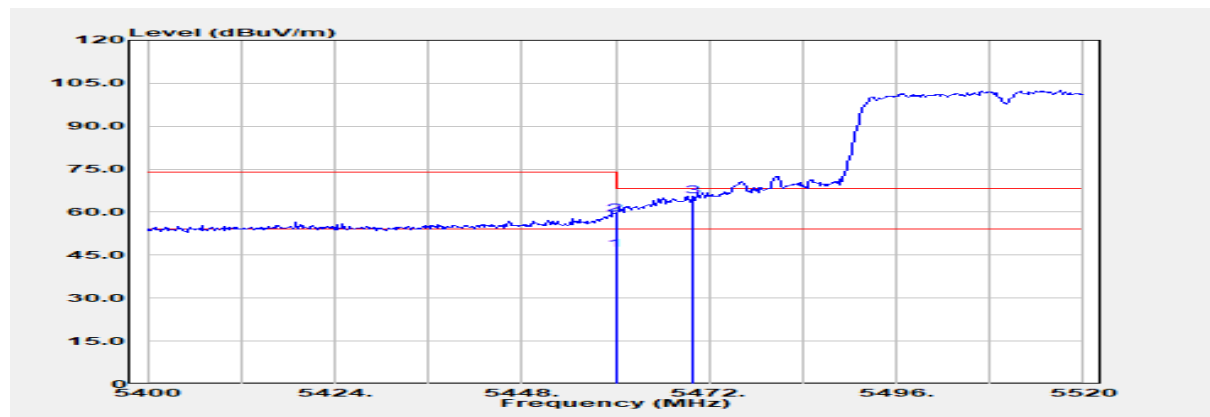
Temp./Humi. :23.7/62

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Enzo Chang



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
5460.000	Average	35.24	11.66	46.90	54.00	-7.10
5460.000	Peak	47.58	11.66	59.24	74.00	-14.76
5470.000	Peak	53.93	11.73	65.66	68.20	-2.54

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11n40 / Band 3

Test Date :2021-08-03

Test Frequency :5510 MHz

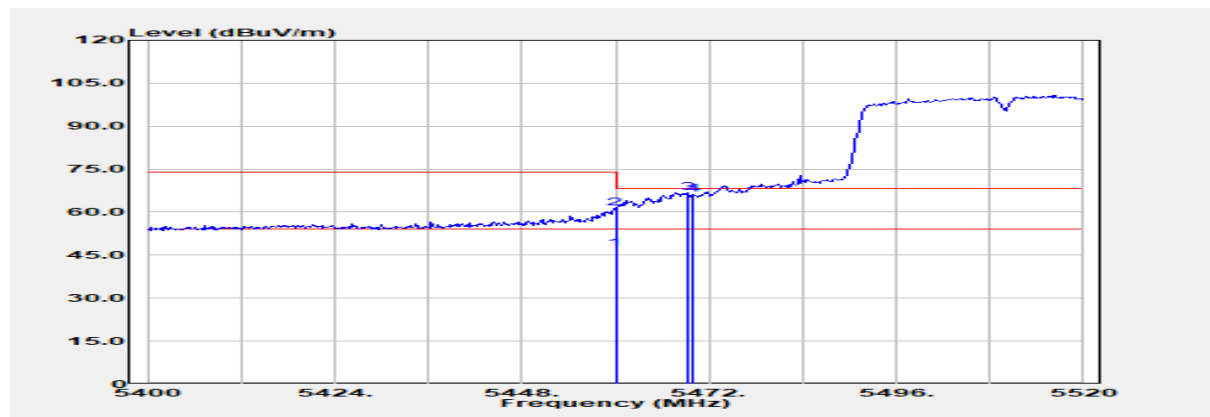
Temp./Humi. :23.7/62

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Enzo Chang



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
5460.000	Average	35.44	11.66	47.10	54.00	-6.90
5460.000	Peak	49.68	11.66	61.35	74.00	-12.65
5469.423	Peak	55.09	11.73	66.82	68.20	-1.38
5470.000	Peak	54.47	11.73	66.20	68.20	-2.00

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11n40 / Band 3

Test Date :2021-08-03

Test Frequency :5670 MHz

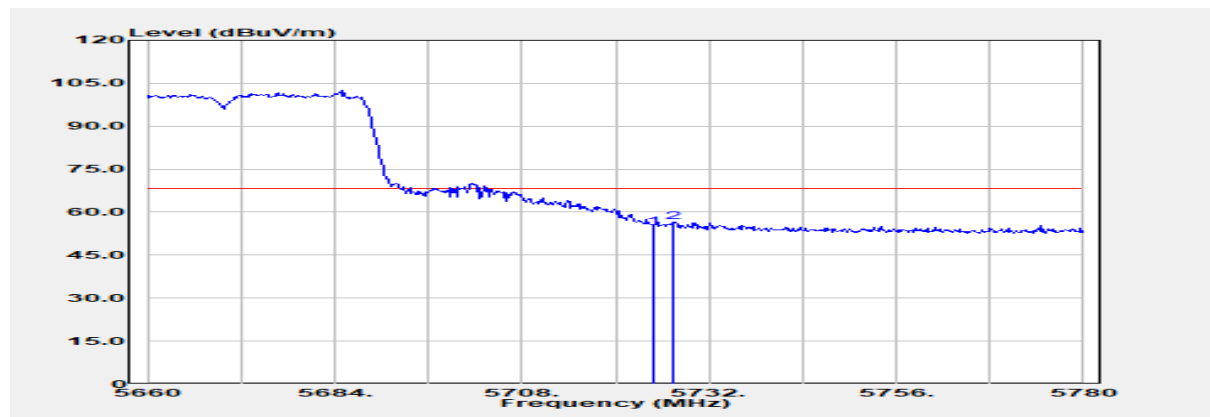
Temp./Humi. :23.7/62

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Enzo Chang



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
5725.000	Peak	44.21	10.62	54.83	68.20	-13.37
5727.500	Peak	46.02	10.55	56.57	68.20	-11.63

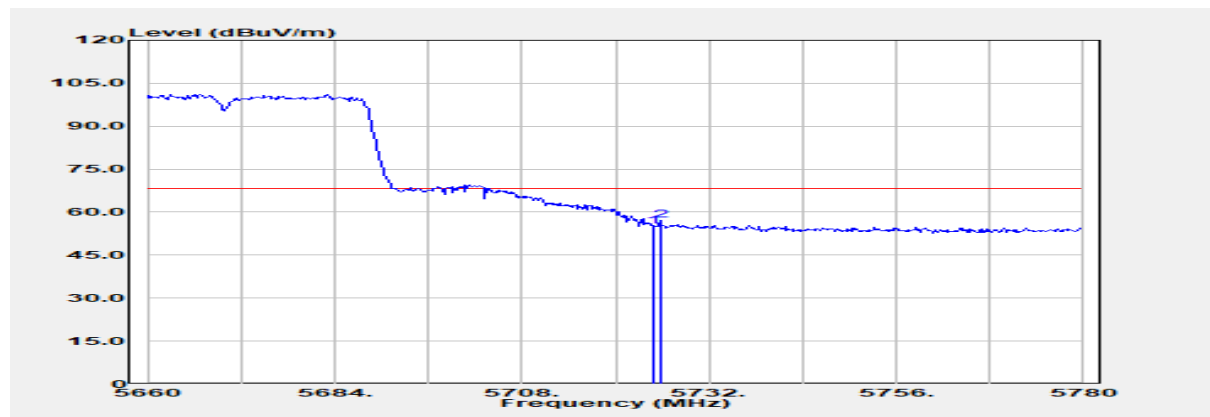
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Report Number :E2/2021/70055
 Operation Mode :802.11n40 / Band 3
 Test Frequency :5670 MHz
 Test Mode :BE CH HIGH
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2021-08-03
 Temp./Humi. :23.7/62
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



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
5725.000	Peak	44.56	10.62	55.18	68.20	-13.02
5725.769	Peak	46.67	10.60	57.27	68.20	-10.93

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11n40 / Band 3-4

Test Date :2021-08-04

Test Frequency :5710 MHz

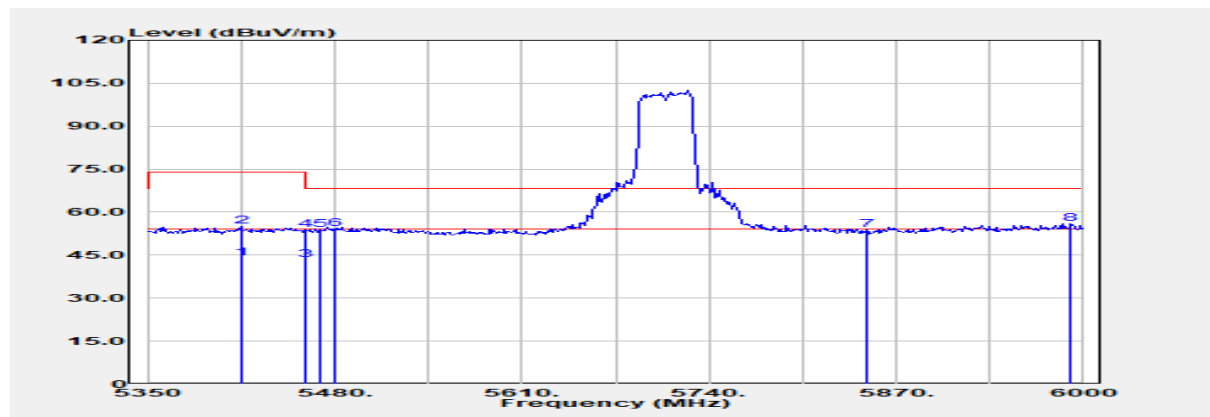
Temp./Humi. :23.6/61

Test Mode :BE CH 142

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5414.583	Average	31.83	11.95	43.78	54.00	-10.22
5414.583	Peak	43.01	11.95	54.97	74.00	-19.03
5460.000	Average	31.75	11.66	43.41	54.00	-10.59
5460.000	Peak	42.23	11.66	53.89	74.00	-20.11
5470.000	Peak	42.01	11.73	53.74	68.20	-14.46
5480.000	Peak	41.77	12.35	54.12	68.20	-14.08
5850.000	Peak	42.41	11.31	53.71	68.20	-14.49
5991.667	Peak	42.70	13.33	56.04	68.20	-12.16

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11n40 / Band 3-4

Test Date :2021-08-04

Test Frequency :5710 MHz

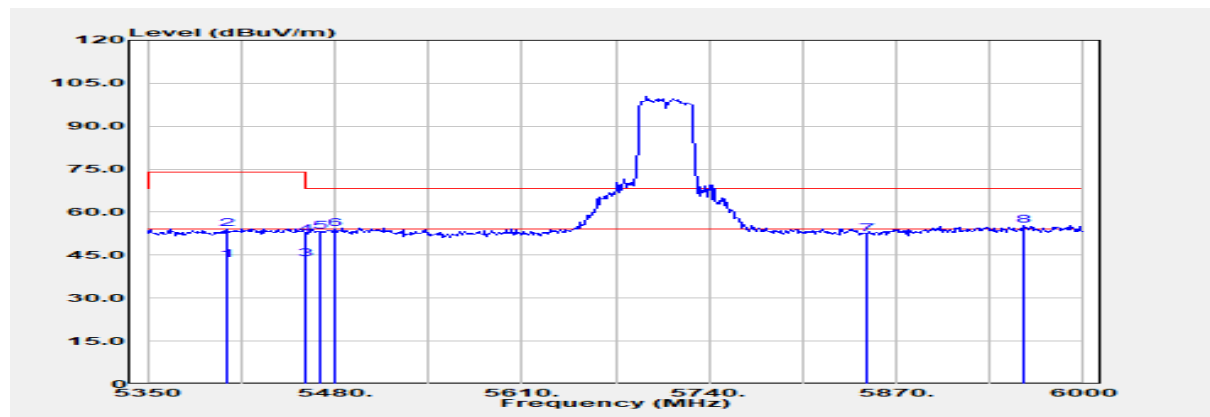
Temp./Humi. :23.6/61

Test Mode :BE CH 142

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5405.208	Average	31.78	11.51	43.29	54.00	-10.71
5405.208	Peak	42.65	11.51	54.16	74.00	-19.84
5460.000	Average	31.87	11.66	43.53	54.00	-10.47
5460.000	Peak	40.41	11.66	52.07	74.00	-21.93
5470.000	Peak	41.47	11.73	53.20	68.20	-15.00
5480.000	Peak	41.65	12.35	53.99	68.20	-14.21
5850.000	Peak	41.10	11.31	52.40	68.20	-15.80
5958.333	Peak	42.03	13.40	55.44	68.20	-12.76

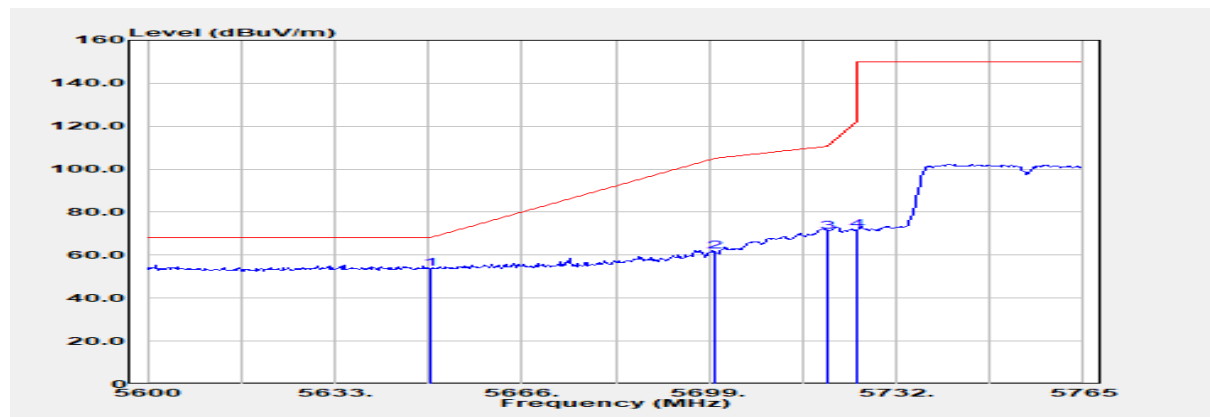
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Report Number :E2/2021/70055
 Operation Mode :802.11n40 / Band 4
 Test Frequency :5755 MHz
 Test Mode :BE CH LOW
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2021-08-04
 Temp./Humi. :23.6/61
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



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
5650.000	Peak	43.30	10.51	53.80	68.20	-14.40
5700.000	Peak	51.36	10.41	61.77	105.20	-43.43
5720.000	Peak	60.15	10.76	70.92	110.80	-39.88
5725.000	Peak	61.16	10.62	71.78	122.20	-50.42

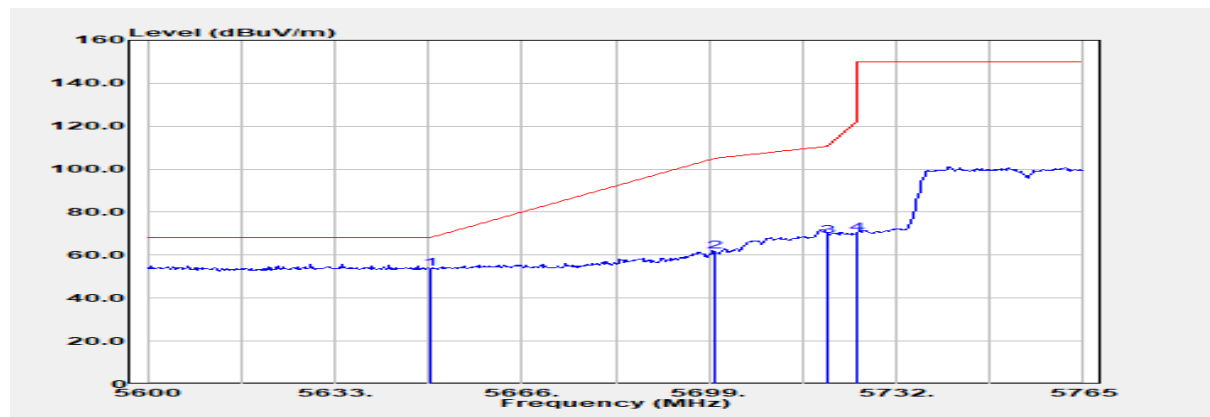
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Report Number :E2/2021/70055
Operation Mode :802.11n40 / Band 4
Test Frequency :5755 MHz
Test Mode :BE CH LOW
EUT Pol :E2 Plane

Test Site :SAC C
Test Date :2021-08-04
Temp./Humi. :23.6/61
Antenna Pol. :Horizontal
Engineer :Enzo Chang



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
5650.000	Peak	43.39	10.51	53.89	68.20	-14.31
5700.000	Peak	51.28	10.41	61.69	105.20	-43.51
5720.000	Peak	58.38	10.76	69.14	110.80	-41.66
5725.000	Peak	59.65	10.62	70.27	122.20	-51.93

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11n40 / Band 4

Test Date :2021-08-04

Test Frequency :5795 MHz

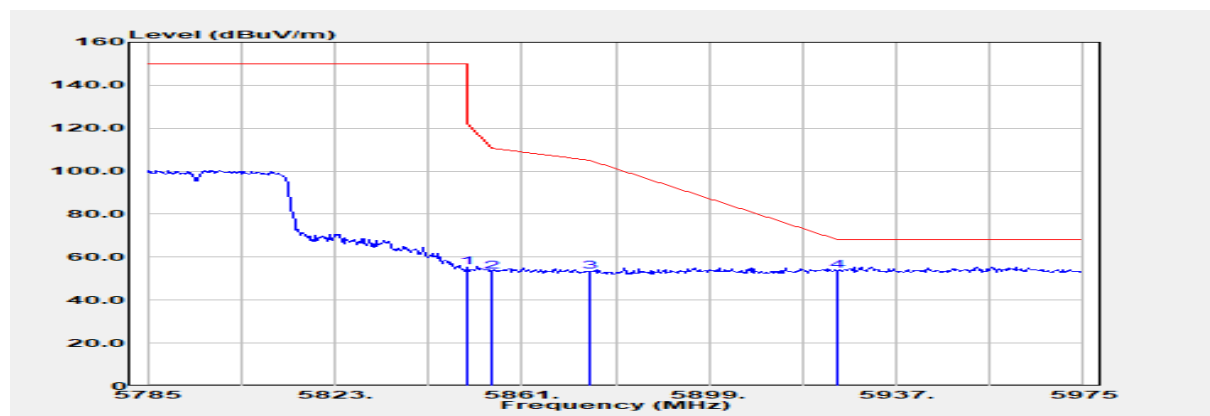
Temp./Humi. :23.6/61

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Enzo Chang



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
5850.000	Peak	43.94	11.31	55.25	122.20	-66.95
5855.000	Peak	41.80	11.61	53.40	110.80	-57.40
5875.000	Peak	41.13	12.08	53.21	105.20	-51.99
5925.000	Peak	40.75	12.98	53.74	68.20	-14.47

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11n40 / Band 4

Test Date :2021-08-04

Test Frequency :5795 MHz

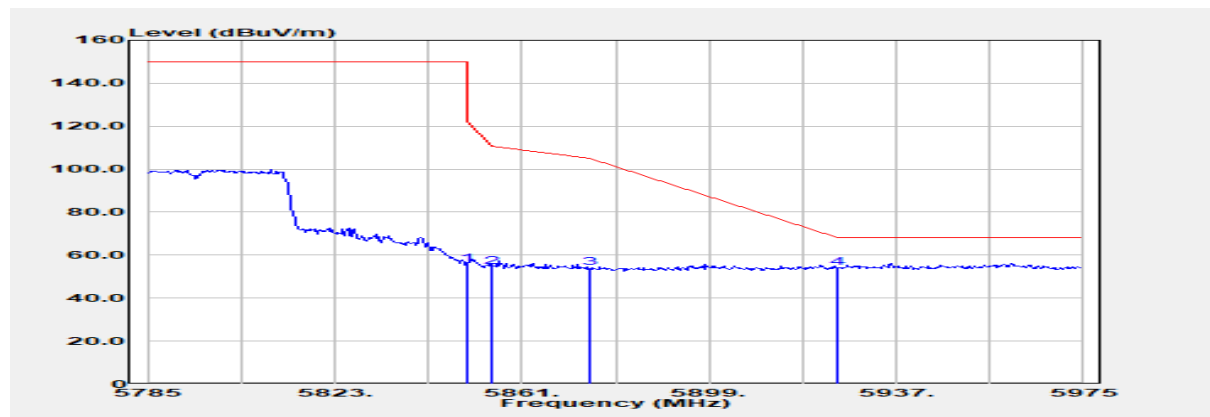
Temp./Humi. :23.6/61

Test Mode :BE CH HIGH

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Enzo Chang



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
5850.000	Peak	44.25	11.31	55.56	122.20	-66.64
5855.000	Peak	43.09	11.61	54.69	110.80	-56.11
5875.000	Peak	42.08	12.08	54.16	105.20	-51.04
5925.000	Peak	41.06	12.98	54.04	68.20	-14.16

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11ac80 / Band 1

Test Date :2021-08-04

Test Frequency :5210 MHz

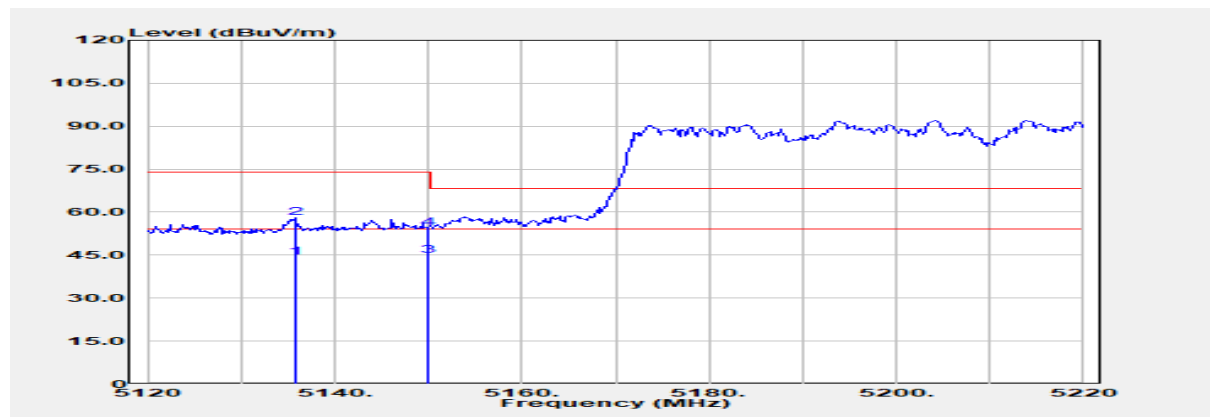
Temp./Humi. :23.9/53

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5135.705	Average	33.89	10.26	44.15	54.00	-9.85
5135.705	Peak	47.75	10.26	58.01	74.00	-15.99
5150.000	Average	34.36	10.50	44.86	54.00	-9.14
5150.000	Peak	43.93	10.50	54.43	74.00	-19.57

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11ac80 / Band 1

Test Date :2021-08-04

Test Frequency :5210 MHz

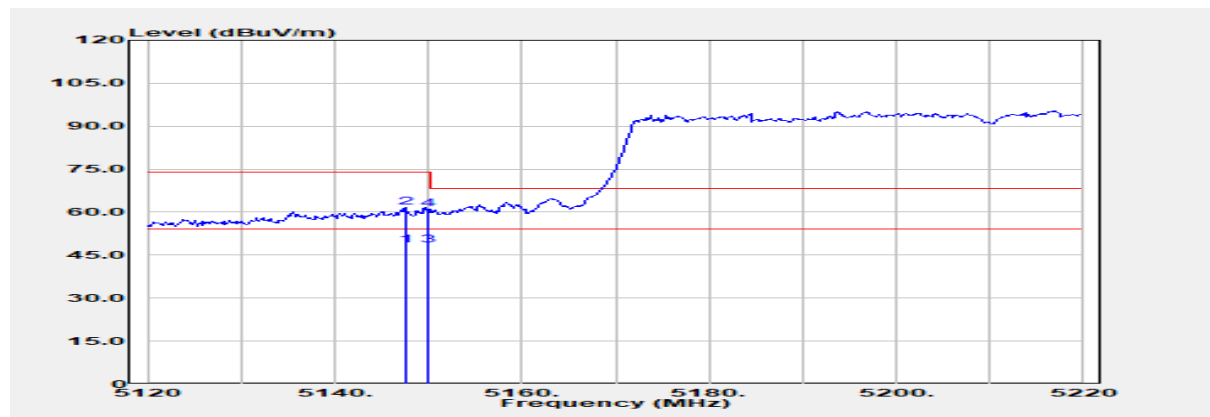
Temp./Humi. :23.9/53

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5147.564	Average	37.89	10.48	48.37	54.00	-5.63
5147.564	Peak	51.17	10.48	61.65	74.00	-12.35
5150.000	Average	38.01	10.50	48.51	54.00	-5.49
5150.000	Peak	50.45	10.50	60.95	74.00	-13.05

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11ac80 / Band 2

Test Date :2021-08-04

Test Frequency :5290 MHz

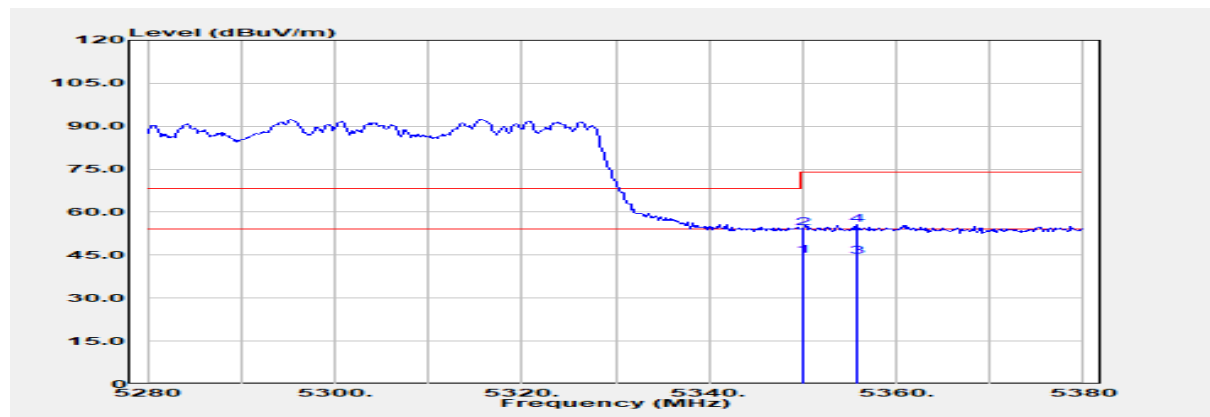
Temp./Humi. :23.9/53

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Enzo Chang



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
5350.000	Average	33.23	11.54	44.77	54.00	-9.23
5350.000	Peak	42.78	11.54	54.31	74.00	-19.69
5355.801	Average	32.83	11.60	44.43	54.00	-9.58
5355.801	Peak	43.90	11.60	55.49	74.00	-18.51

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11ac80 / Band 2

Test Date :2021-08-04

Test Frequency :5290 MHz

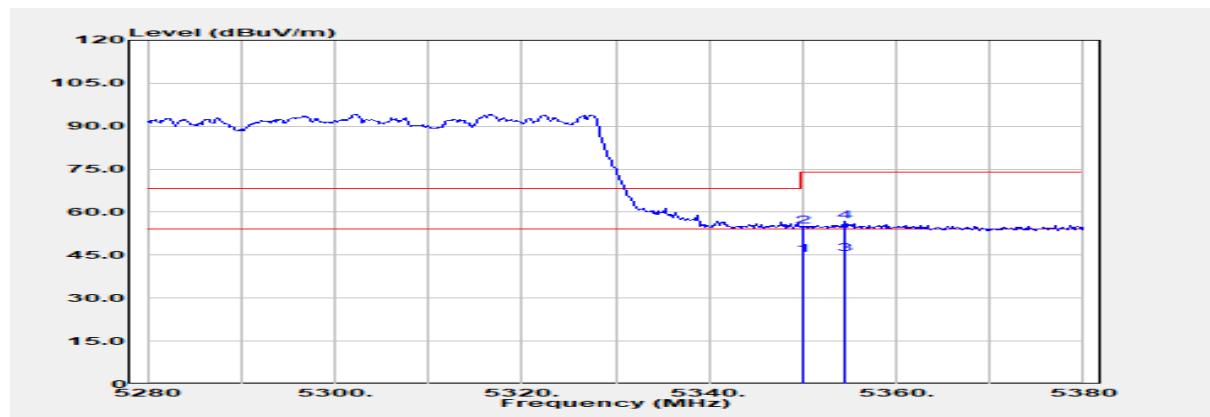
Temp./Humi. :23.9/53

Test Mode :BE CH HIGH

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Enzo Chang



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
5350.000	Average	33.62	11.54	45.16	54.00	-8.84
5350.000	Peak	43.45	11.54	54.99	74.00	-19.01
5354.519	Average	33.76	11.58	45.34	54.00	-8.66
5354.519	Peak	45.16	11.58	56.74	74.00	-17.26

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11ac80 / Band 3

Test Date :2021-08-04

Test Frequency :5530 MHz

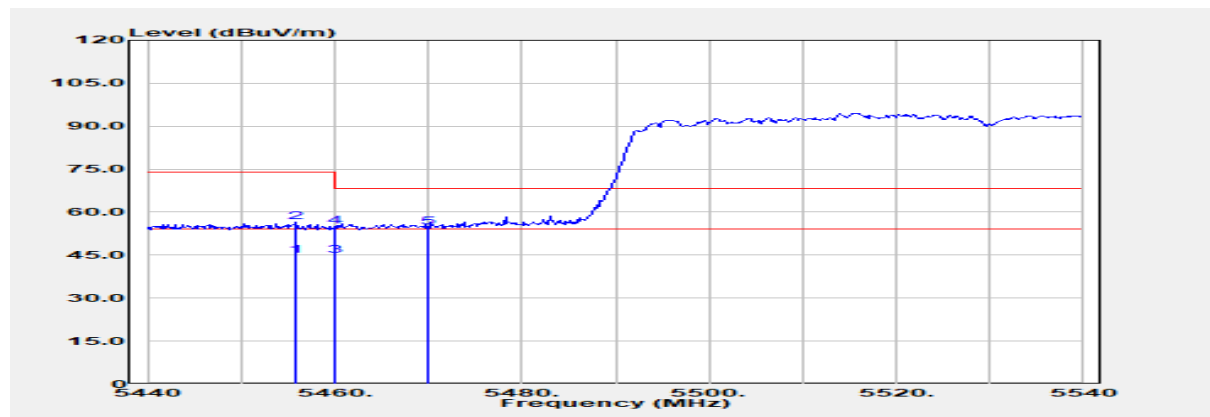
Temp./Humi. :23.9/53

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5455.865	Average	33.01	11.88	44.89	54.00	-9.11
5455.865	Peak	44.56	11.88	56.44	74.00	-17.56
5460.000	Average	33.14	11.66	44.80	54.00	-9.20
5460.000	Peak	43.24	11.66	54.91	74.00	-19.09
5470.000	Peak	42.99	11.73	54.72	68.20	-13.48

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11ac80 / Band 3

Test Date :2021-08-04

Test Frequency :5530 MHz

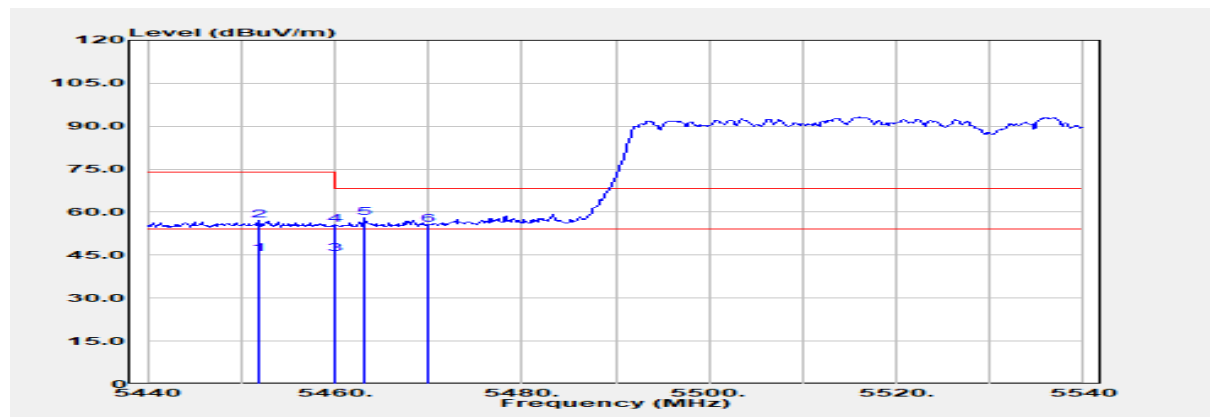
Temp./Humi. :23.9/53

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5451.859	Average	33.42	12.09	45.51	54.00	-8.49
5451.859	Peak	45.10	12.09	57.19	74.00	-16.81
5460.000	Average	33.79	11.66	45.45	54.00	-8.55
5460.000	Peak	43.95	11.66	55.62	74.00	-18.38
5463.237	Peak	46.21	11.69	57.90	68.20	-10.30
5470.000	Peak	43.78	11.73	55.51	68.20	-12.69

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11ac80 / Band 3

Test Date :2021-08-04

Test Frequency :5690 MHz

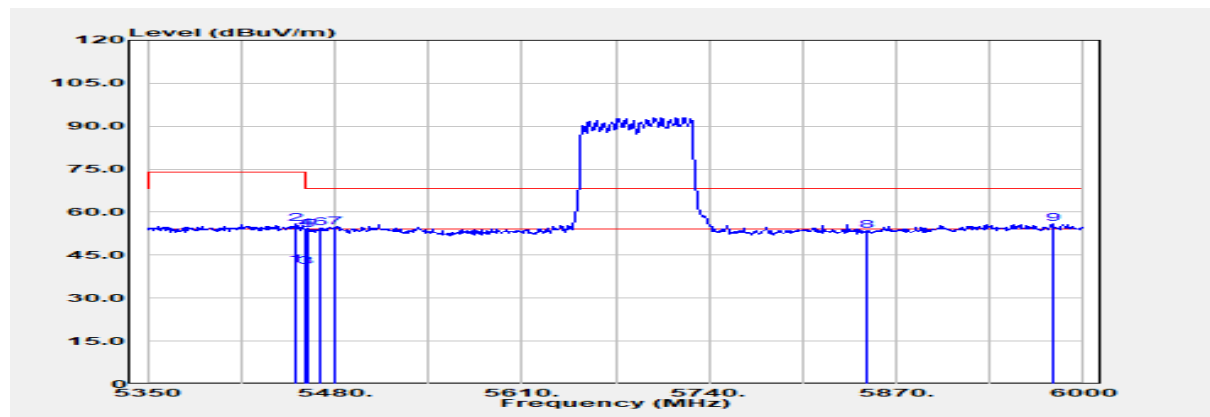
Temp./Humi. :23.9/53

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5452.604	Average	29.40	12.05	41.45	54.00	-12.55
5452.604	Peak	43.97	12.05	56.02	74.00	-17.98
5460.000	Average	29.13	11.66	40.79	54.00	-13.21
5460.000	Peak	42.59	11.66	54.25	74.00	-19.75
5460.865	Peak	42.26	11.67	53.93	68.20	-14.27
5470.000	Peak	42.61	11.73	54.35	68.20	-13.85
5480.000	Peak	42.36	12.35	54.70	68.20	-13.50
5850.000	Peak	42.10	11.31	53.41	68.20	-14.79
5978.365	Peak	42.69	13.11	55.80	68.20	-12.40

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11ac80 / Band 3

Test Date :2021-08-04

Test Frequency :5690 MHz

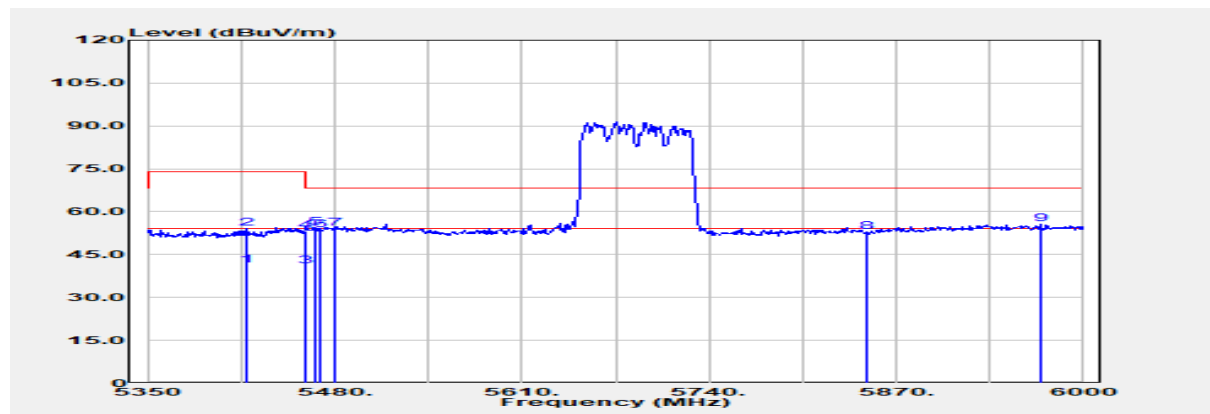
Temp./Humi. :23.9/53

Test Mode :BE CH HIGH

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Enzo Chang



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
5418.229	Average	28.93	12.13	41.06	54.00	-12.94
5418.229	Peak	42.15	12.13	54.28	74.00	-19.72
5460.000	Average	29.26	11.66	40.92	54.00	-13.08
5460.000	Peak	41.69	11.66	53.36	74.00	-20.64
5466.058	Peak	42.85	11.71	54.56	68.20	-13.64
5470.000	Peak	41.78	11.73	53.52	68.20	-14.68
5480.000	Peak	41.80	12.35	54.15	68.20	-14.05
5850.000	Peak	41.53	11.31	52.84	68.20	-15.36
5970.577	Peak	42.85	12.80	55.65	68.20	-12.55

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11ac80 / Band 4

Test Date :2021-08-04

Test Frequency :5775 MHz

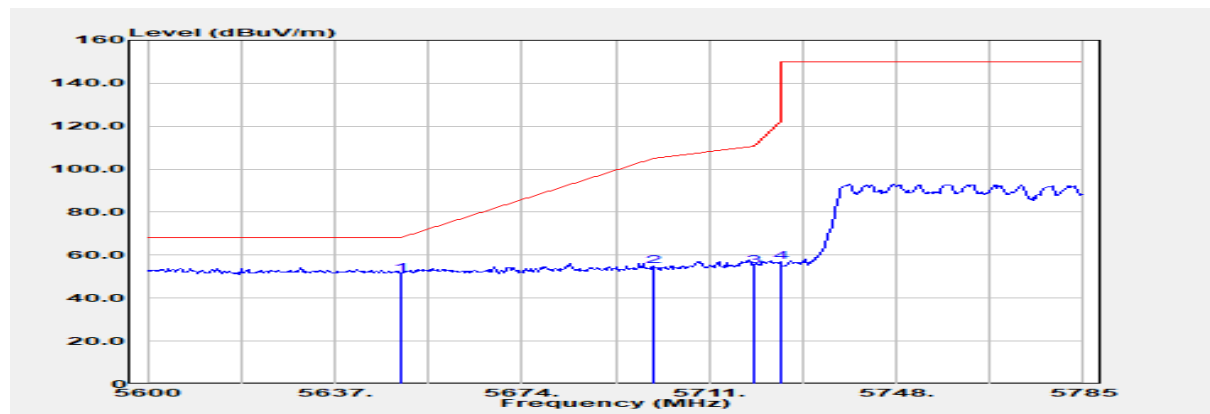
Temp./Humi. :23.9/53

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.000	Peak	40.94	10.51	51.44	68.20	-16.76
5700.000	Peak	44.43	10.41	54.83	105.20	-50.37
5720.000	Peak	44.36	10.76	55.13	110.80	-55.67
5725.000	Peak	46.51	10.62	57.13	122.20	-65.07

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11ac80 / Band 4

Test Date :2021-08-04

Test Frequency :5775 MHz

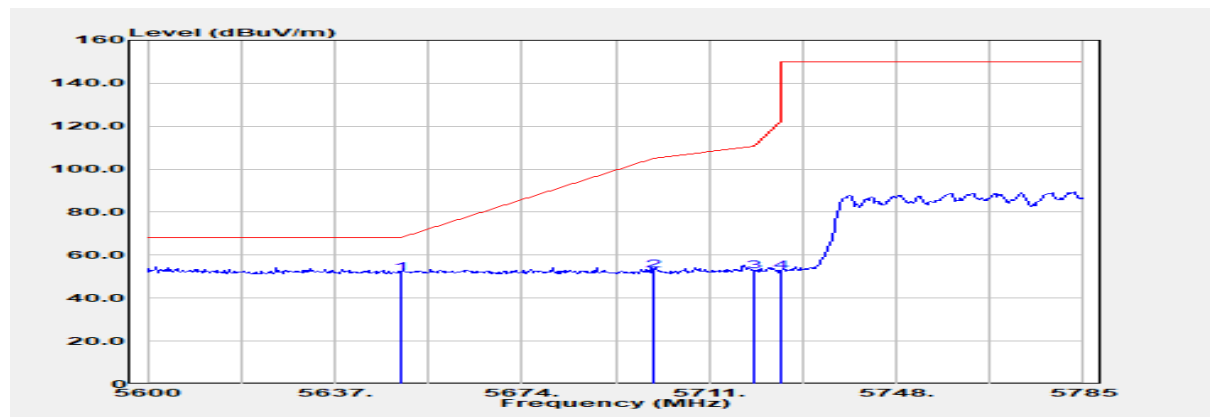
Temp./Humi. :23.9/53

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Enzo Chang



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
5650.000	Peak	41.26	10.51	51.77	68.20	-16.43
5700.000	Peak	42.33	10.41	52.74	105.20	-52.46
5720.000	Peak	41.76	10.76	52.52	110.80	-58.28
5725.000	Peak	41.86	10.62	52.48	122.20	-69.72

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Report Number :E2/2021/70055

Test Site :SAC C

Operation Mode :802.11ac80 / Band 4

Test Date :2021-08-04

Test Frequency :5775 MHz

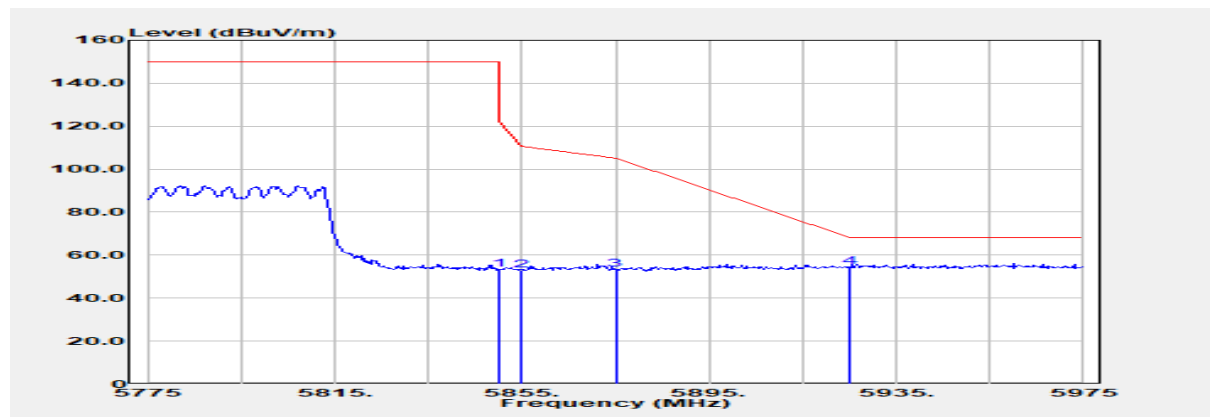
Temp./Humi. :23.9/53

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	41.91	11.31	53.21	122.20	-68.99
5855.000	Peak	41.20	11.61	52.81	110.80	-57.99
5875.000	Peak	41.25	12.08	53.33	105.20	-51.87
5925.000	Peak	41.72	12.98	54.70	68.20	-13.50

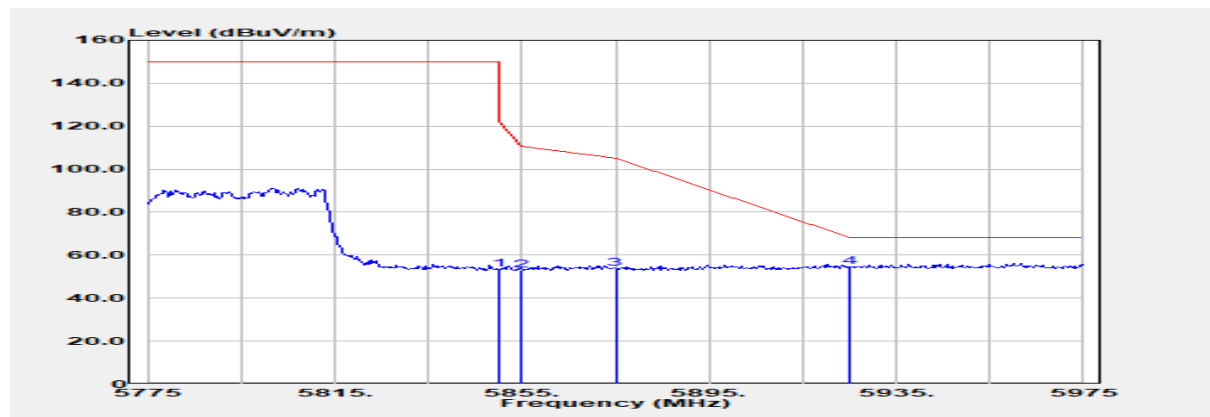
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Report Number :E2/2021/70055
 Operation Mode :802.11ac80 / Band 4
 Test Frequency :5775 MHz
 Test Mode :BE CH HIGH
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2021-08-04
 Temp./Humi. :23.9/53
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



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
5850.000	Peak	41.92	11.31	53.23	122.20	-68.97
5855.000	Peak	41.31	11.61	52.92	110.80	-57.88
5875.000	Peak	41.85	12.08	53.93	105.20	-51.27
5925.000	Peak	41.39	12.98	54.37	68.20	-13.83

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12 TRANSMISSION IN THE ABSENCE OF DATA

12.1 Standard Applicable

According to §15.407(c)

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.

12.2 Result

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ASK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

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13 ANTENNA REQUIREMENT

13.1 Standard Applicable

According to §15.203, an intentional radiator shall be designed to ensure that no antenna other than furnished by the responsible party shall be used with the device.

According to §15.407, If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

13.2 Antenna Connected Construction

The antenna is designed as permanently attached and no consideration of replacement. Please see EUT photo for details.

~ End of Report ~

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