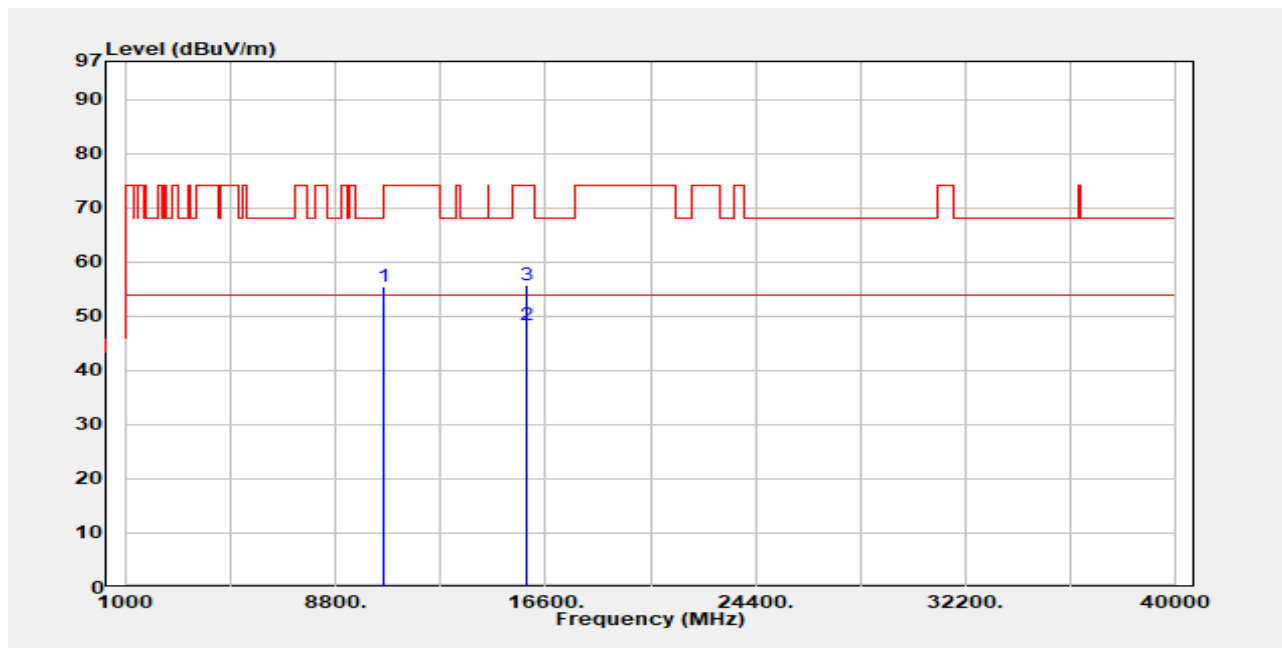


Report Number :ER/2022/20002
 Operation Mode :802.11ac80
 Test Frequency :5290 MHz
 Test Mode :Tx CH High
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Horizontal
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10580.00	Peak	35.65	19.83	55.48	68.20	-12.72
15870.00	Average	26.43	21.84	48.27	54.00	-5.73
15870.00	Peak	34.00	21.84	55.84	74.00	-18.16

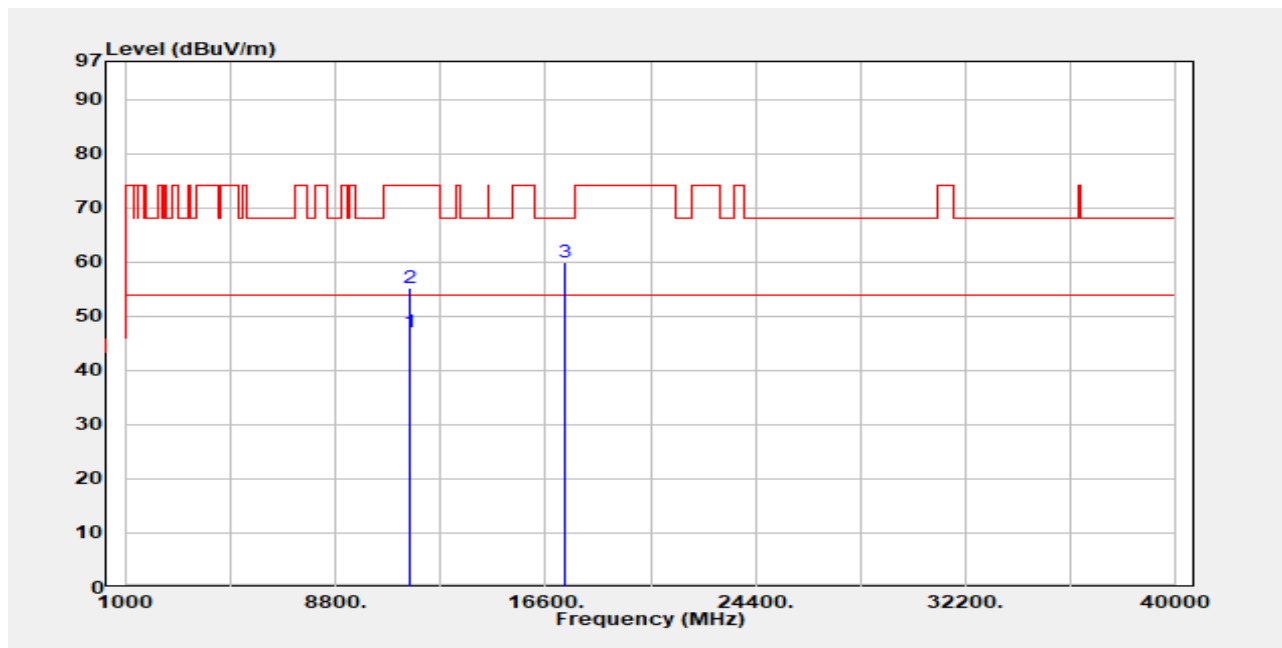
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Report Number :ER/2022/20002
 Operation Mode :802.11ac80
 Test Frequency :5775 MHz
 Test Mode :Tx CH Low
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Vertical
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11550.00	Average	26.27	20.80	47.07	54.00	-6.93
11550.00	Peak	34.46	20.80	55.27	74.00	-18.73
17325.00	Peak	32.96	27.06	60.01	68.20	-8.19

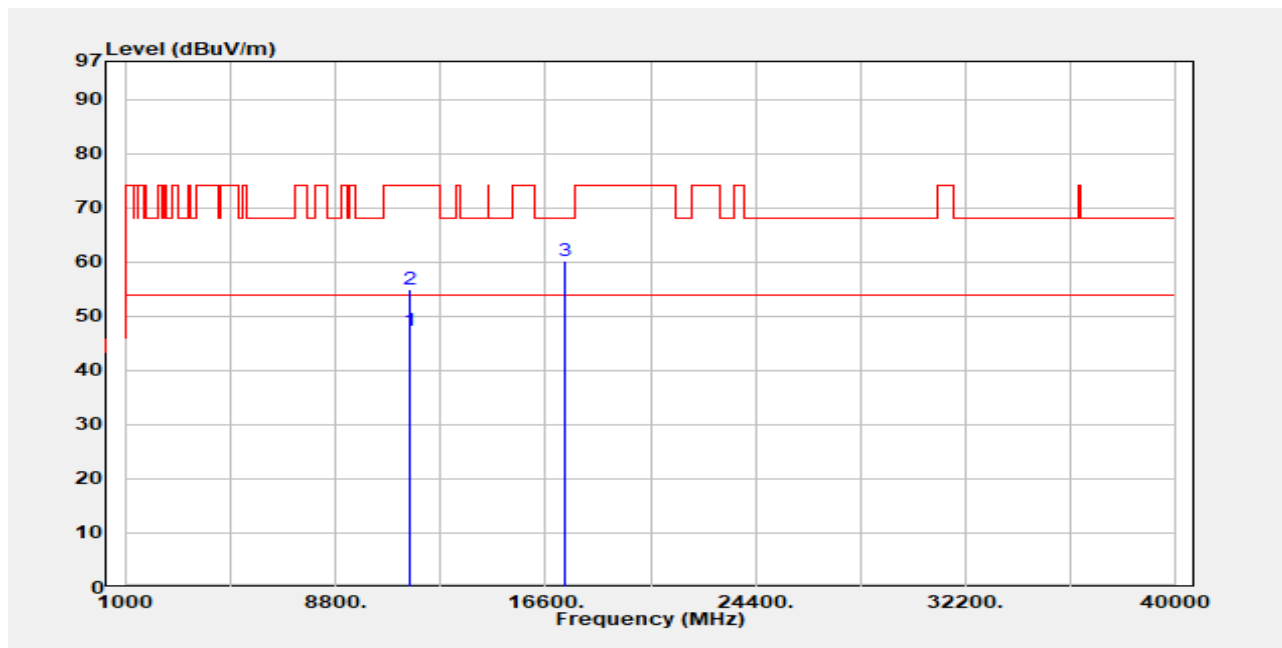
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Report Number :ER/2022/20002
 Operation Mode :802.11ac80
 Test Frequency :5775 MHz
 Test Mode :Tx CH Low
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Horizontal
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11550.00	Average	26.42	20.80	47.22	54.00	-6.78
11550.00	Peak	34.10	20.80	54.90	74.00	-19.10
17325.00	Peak	33.12	27.06	60.18	68.20	-8.02

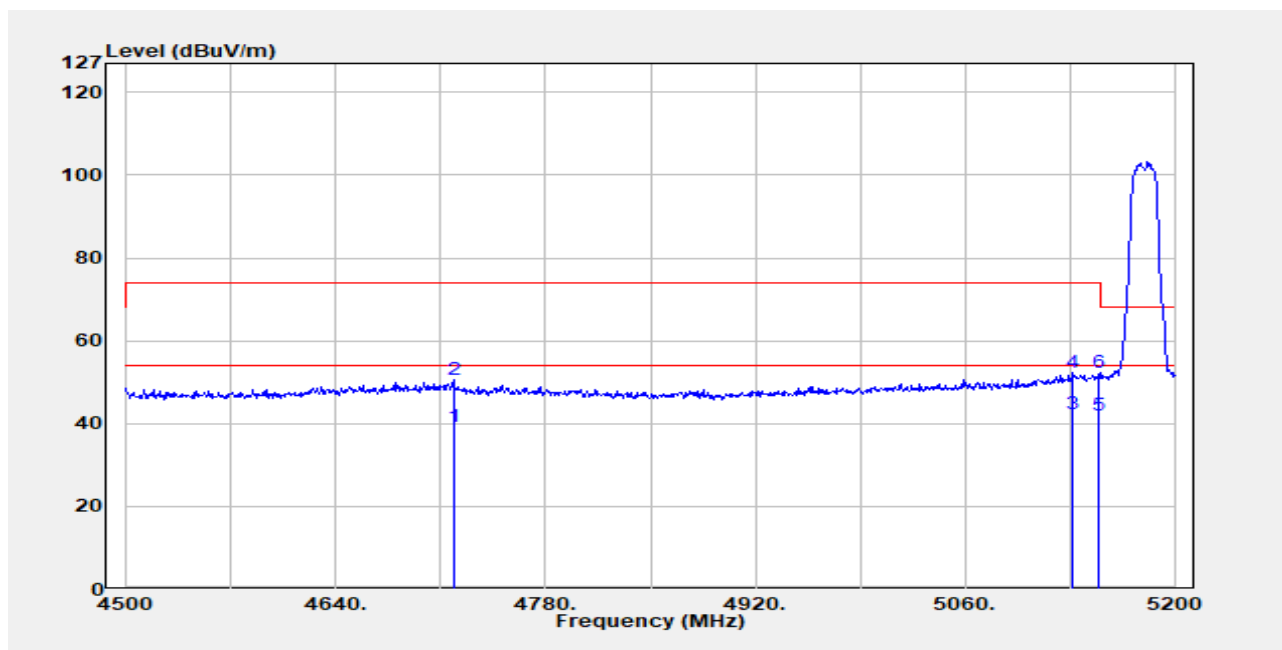
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11.6.2 Band edge falling to restricted band

Report Number	:ER/2022/20002	Test Site	:SAC 1
Operation Mode	:802.11a	Test Date	:2022-04-18
Test Frequency	:5180 MHz	Temp./Humi.	:23.5/61
Test Mode	:Bandedge CH Low	Antenna Pol.	:Vertical
EUT Pol	:E1 Plane	Engineer	:GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4718.40	Average	32.64	6.69	39.33	54.00	-14.67
4718.40	Peak	43.90	6.69	50.59	74.00	-23.41
5132.10	Average	34.36	7.92	42.28	54.00	-11.72
5132.10	Peak	44.29	7.92	52.20	74.00	-21.80
5150.00	Average	34.11	8.02	42.13	54.00	-11.87
5150.00	Peak	44.15	8.02	52.18	74.00	-21.82

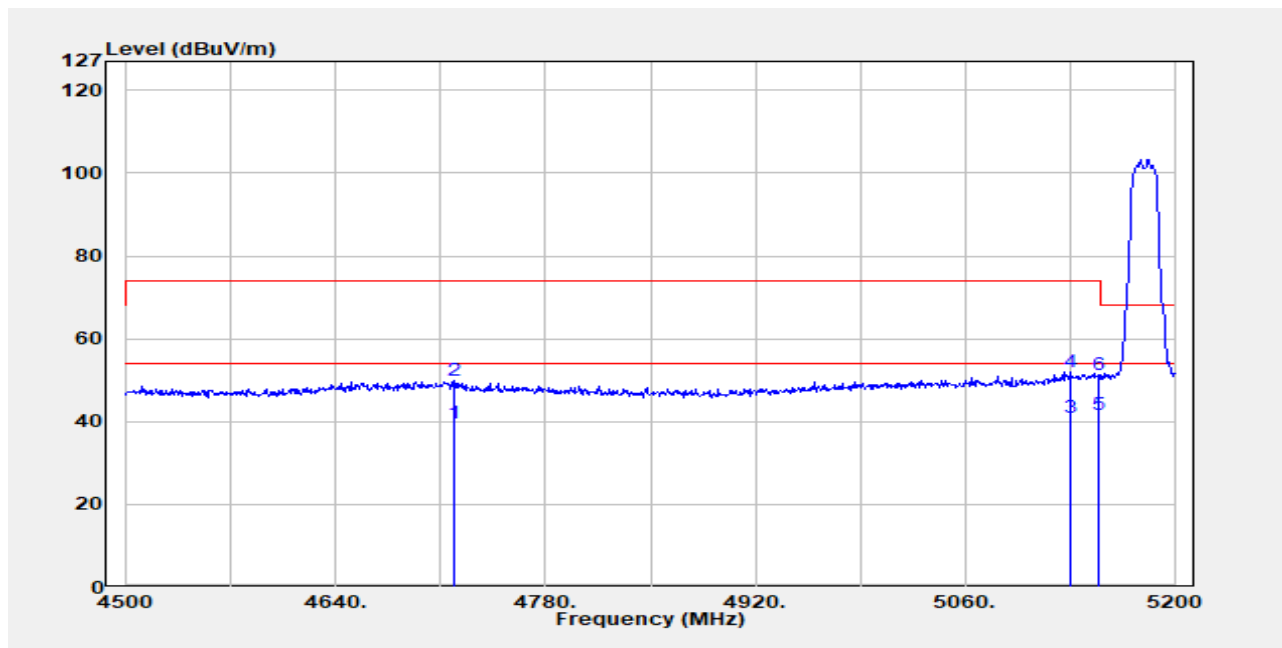
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Report Number :ER/2022/20002
 Operation Mode :802.11a
 Test Frequency :5180 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Horizontal
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4718.40	Average	32.80	6.69	39.49	54.00	-14.51
4718.40	Peak	43.14	6.69	49.83	74.00	-24.17
5130.00	Average	33.18	7.90	41.08	54.00	-12.92
5130.00	Peak	44.17	7.90	52.08	74.00	-21.92
5150.00	Average	33.52	8.02	41.54	54.00	-12.46
5150.00	Peak	43.31	8.02	51.34	74.00	-22.66

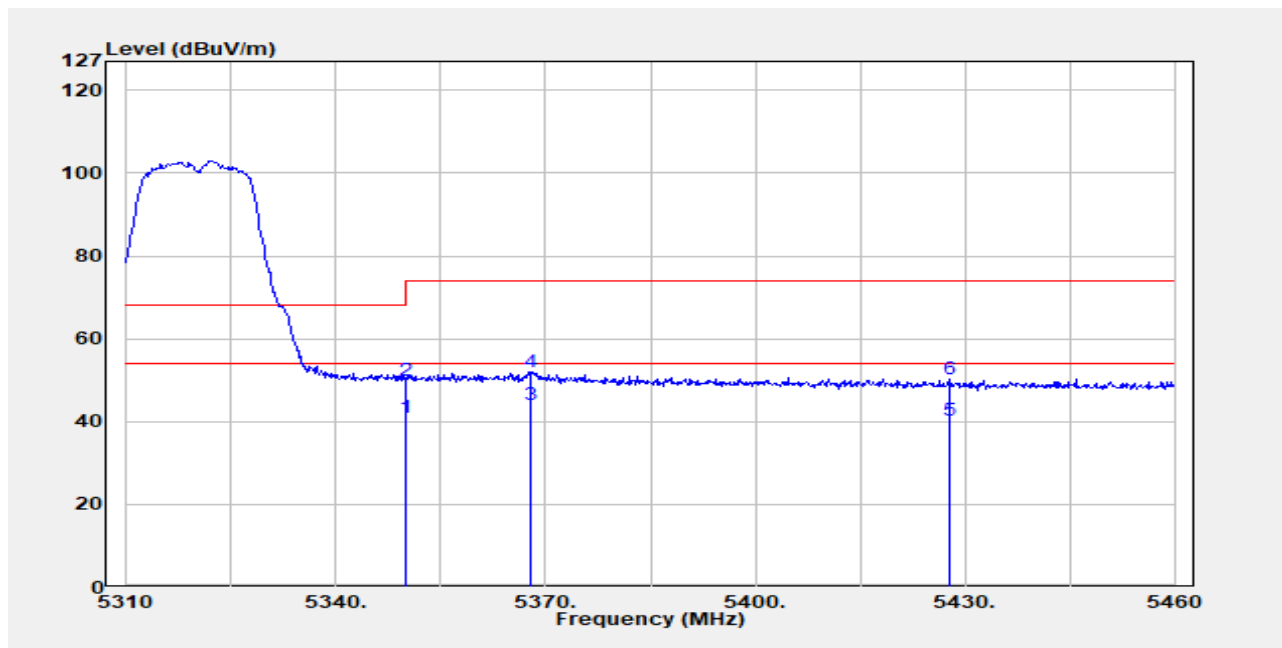
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Report Number :ER/2022/20002
 Operation Mode :802.11a
 Test Frequency :5320 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Vertical
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5350.00	Average	32.35	8.68	41.03	54.00	-12.97
5350.00	Peak	41.40	8.68	50.08	74.00	-23.92
5367.90	Average	35.14	8.88	44.02	54.00	-9.98
5367.90	Peak	43.22	8.88	52.10	74.00	-21.90
5427.90	Average	31.17	8.95	40.12	54.00	-13.88
5427.90	Peak	41.23	8.95	50.18	74.00	-23.82

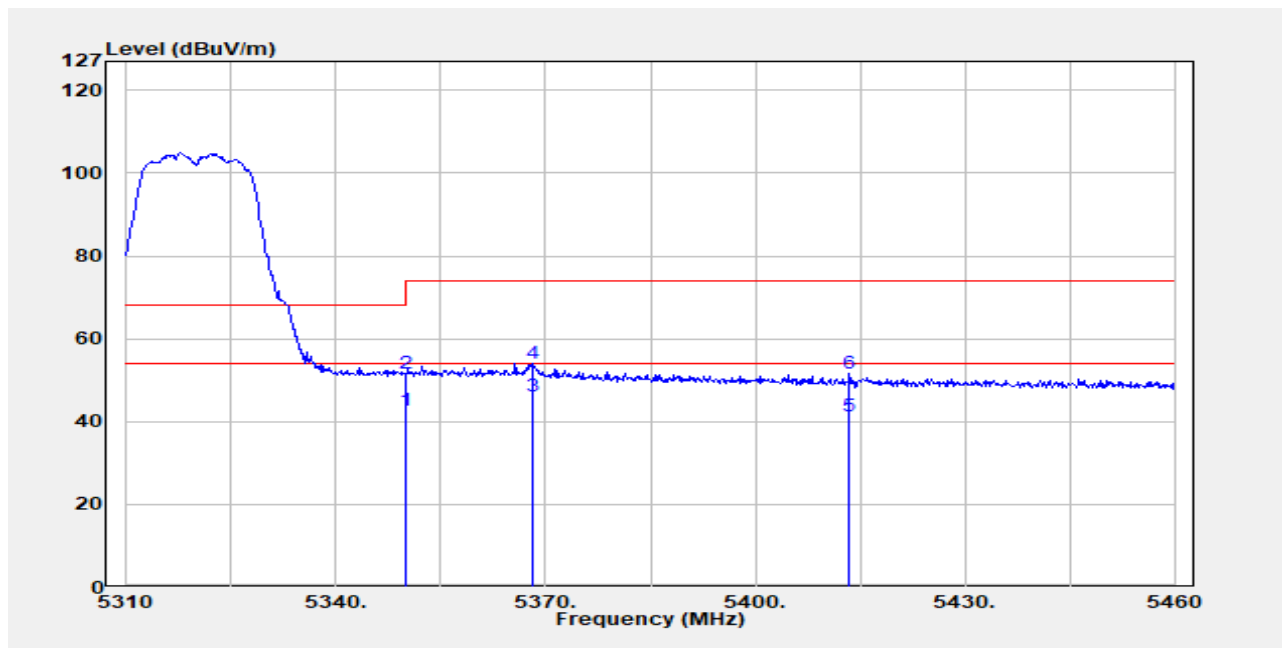
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Report Number :ER/2022/20002
 Operation Mode :802.11a
 Test Frequency :5320 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Horizontal
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5350.00	Average	33.89	8.68	42.57	54.00	-11.43
5350.00	Peak	43.03	8.68	51.71	74.00	-22.29
5368.05	Average	37.19	8.88	46.07	54.00	-7.93
5368.05	Peak	45.16	8.88	54.04	74.00	-19.96
5413.50	Average	32.15	9.10	41.25	54.00	-12.75
5413.50	Peak	42.54	9.10	51.64	74.00	-22.36

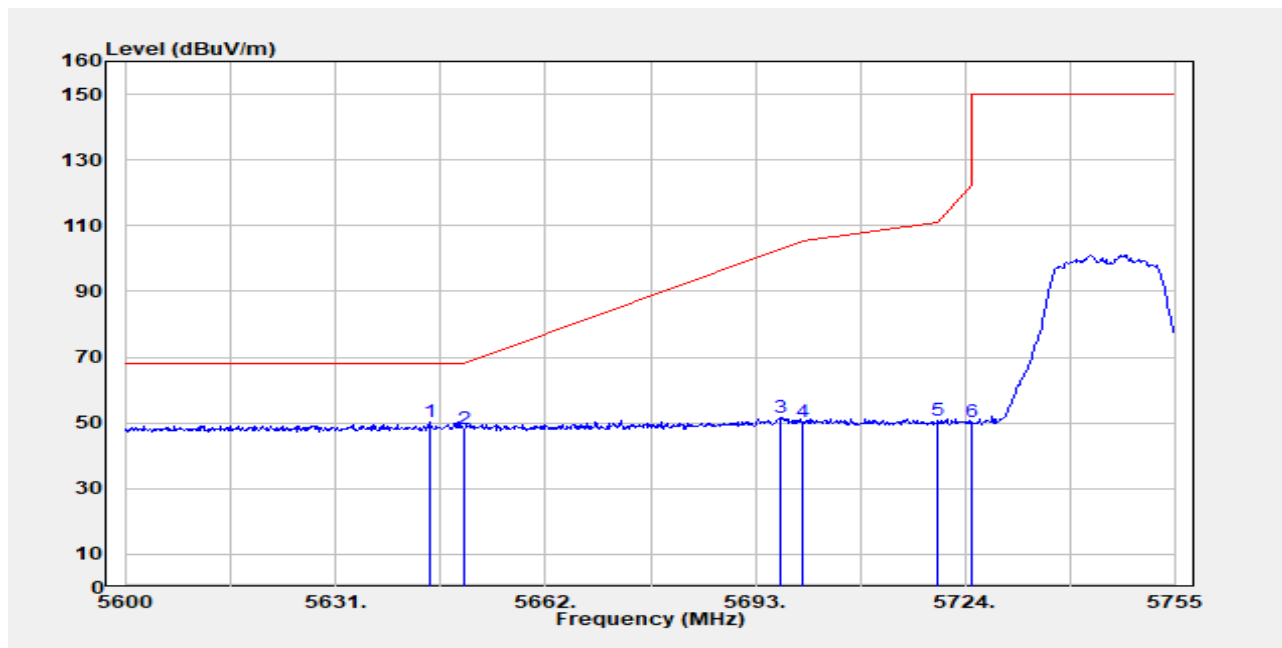
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Report Number :ER/2022/20002
 Operation Mode :802.11a
 Test Frequency :5745 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Vertical
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5644.80	Peak	42.53	7.79	50.32	68.20	-17.88
5650.00	Peak	40.24	7.80	48.04	68.20	-20.16
5696.72	Peak	43.48	8.23	51.70	102.77	-51.07
5700.00	Peak	42.06	8.25	50.31	105.20	-54.89
5720.00	Peak	42.22	8.39	50.61	110.80	-60.19
5725.00	Peak	41.98	8.42	50.41	122.20	-71.79

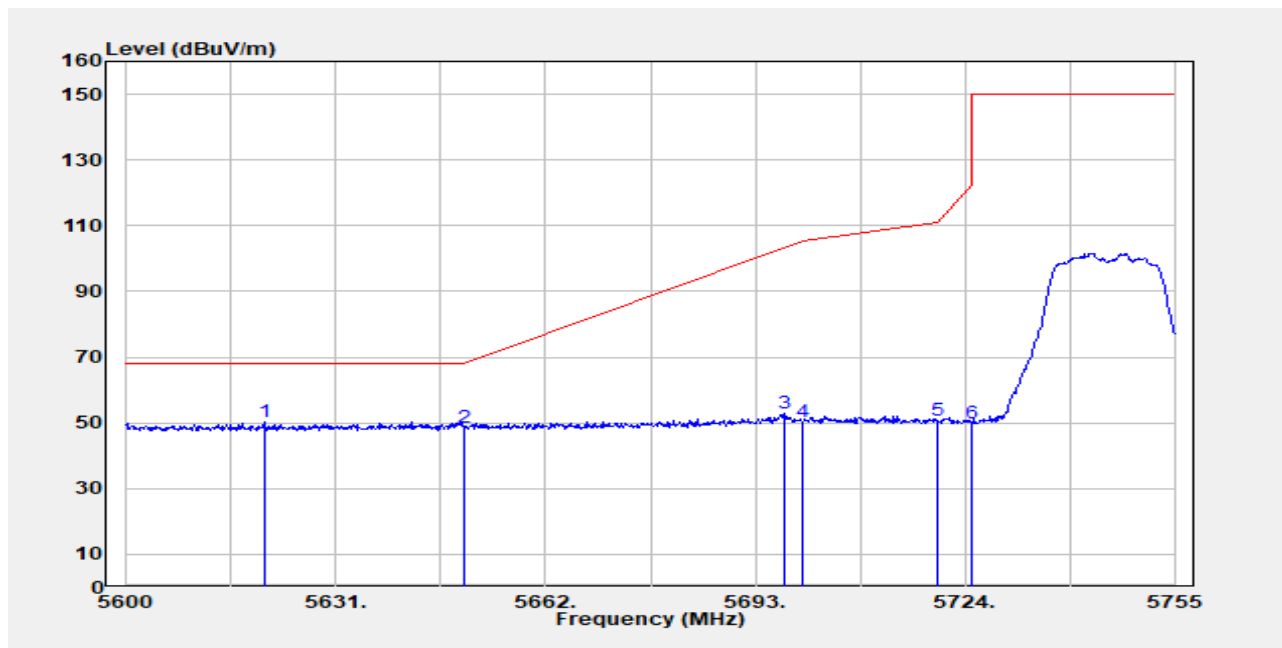
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Report Number :ER/2022/20002
 Operation Mode :802.11a
 Test Frequency :5745 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Horizontal
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5620.46	Peak	42.46	7.77	50.23	68.20	-17.97
5650.00	Peak	40.79	7.80	48.59	68.20	-19.61
5697.19	Peak	44.78	8.23	53.01	103.12	-50.11
5700.00	Peak	42.08	8.25	50.33	105.20	-54.87
5720.00	Peak	42.17	8.39	50.56	110.80	-60.24
5725.00	Peak	41.56	8.42	49.98	122.20	-72.22

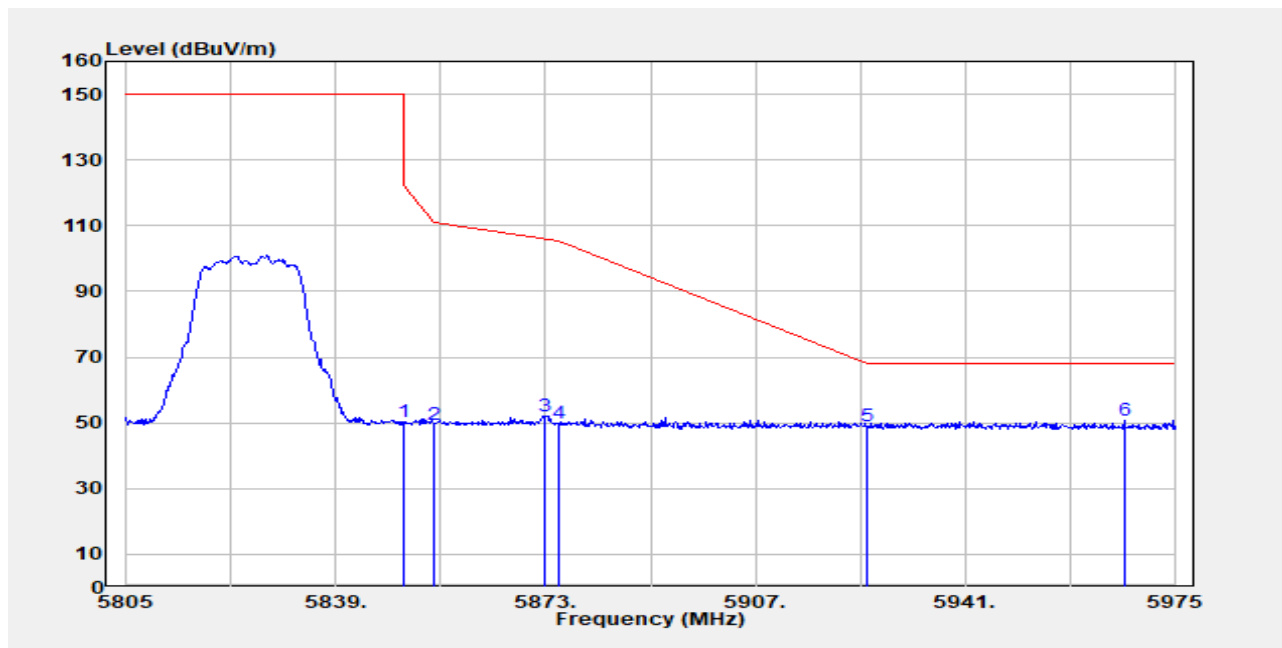
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Report Number :ER/2022/20002
 Operation Mode :802.11a
 Test Frequency :5825 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Vertical
 Engineer :GN Lin



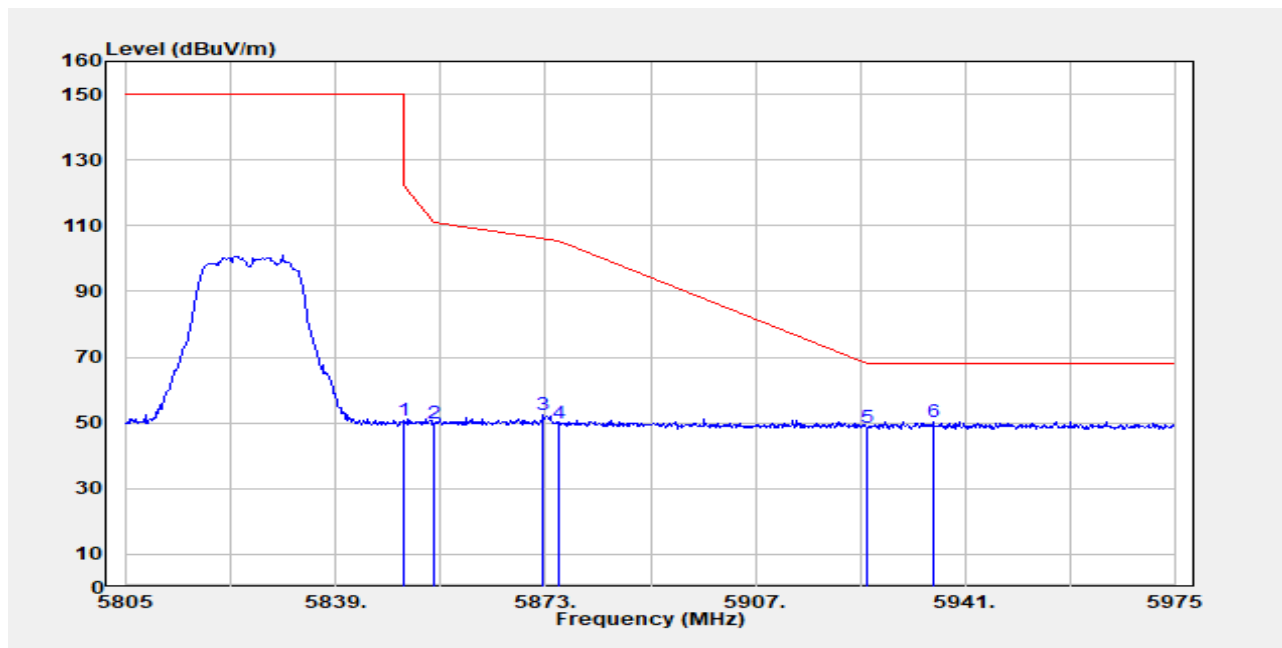
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5850.00	Peak	41.25	8.93	50.18	122.20	-72.02
5855.00	Peak	40.67	8.93	49.60	110.80	-61.20
5872.83	Peak	43.24	8.90	52.14	105.81	-53.67
5875.00	Peak	41.06	8.89	49.95	105.20	-55.25
5925.00	Peak	40.18	8.85	49.03	68.20	-19.17
5966.84	Peak	41.95	8.74	50.68	68.20	-17.52

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Report Number :ER/2022/20002
 Operation Mode :802.11a
 Test Frequency :5825 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Horizontal
 Engineer :GN Lin



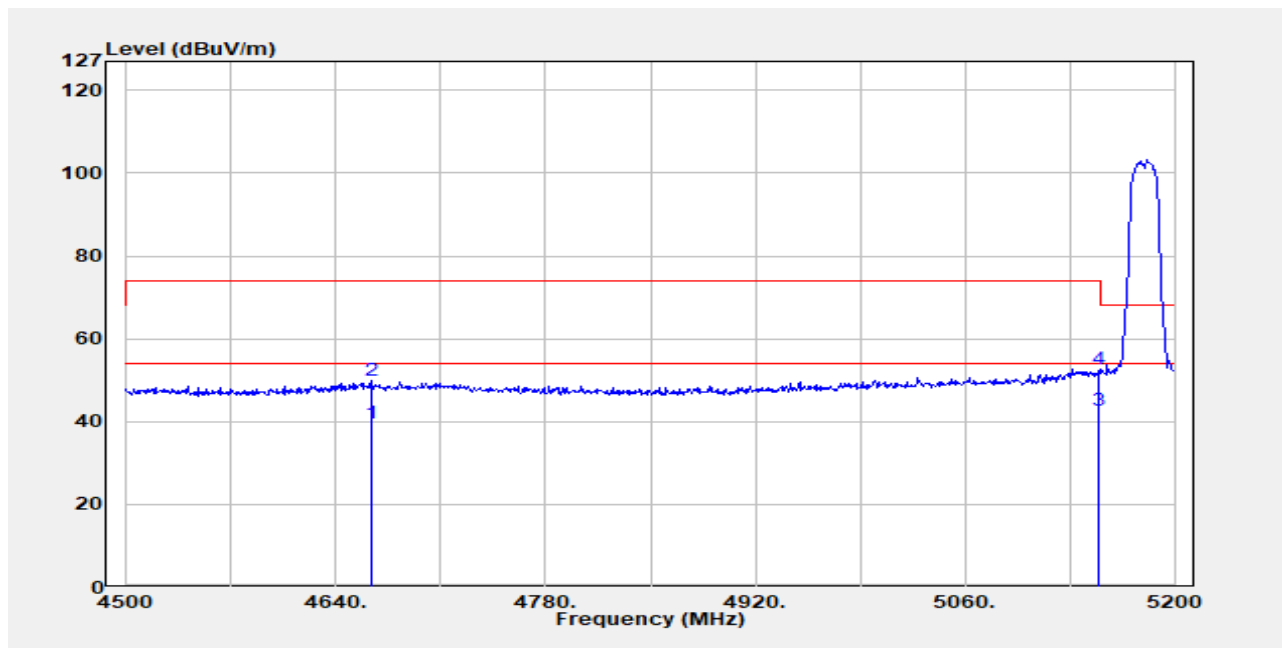
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5850.00	Peak	41.69	8.93	50.63	122.20	-71.57
5855.00	Peak	41.02	8.93	49.95	110.80	-60.85
5872.66	Peak	43.58	8.90	52.47	105.86	-53.38
5875.00	Peak	40.77	8.89	49.66	105.20	-55.54
5925.00	Peak	39.59	8.85	48.44	68.20	-19.76
5935.90	Peak	41.53	8.84	50.38	68.20	-17.82

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Report Number :ER/2022/20002
 Operation Mode :802.11n20
 Test Frequency :5180 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Vertical
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4663.80	Average	33.05	6.55	39.60	54.00	-14.40
4663.80	Peak	43.29	6.55	49.84	74.00	-24.16
5150.00	Average	34.85	7.82	42.67	54.00	-11.33
5150.00	Peak	44.70	7.82	52.53	74.00	-21.47

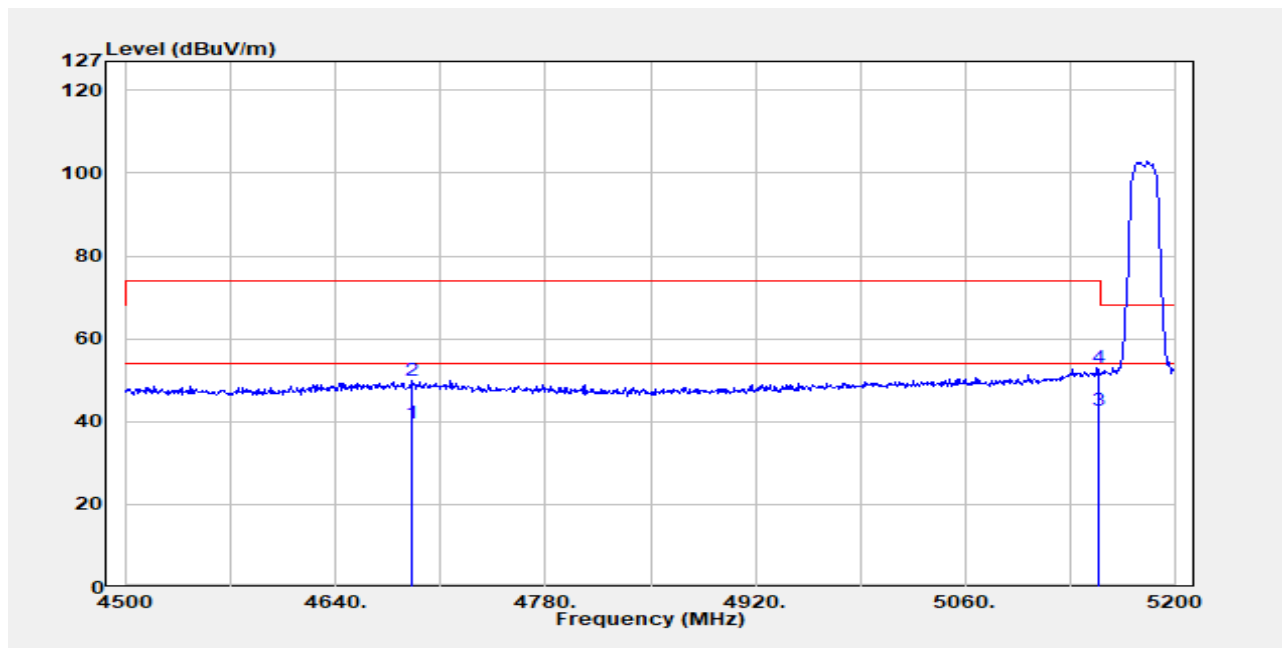
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Report Number :ER/2022/20002
 Operation Mode :802.11n20
 Test Frequency :5180 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Horizontal
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4691.10	Average	32.87	6.56	39.43	54.00	-14.57
4691.10	Peak	43.47	6.56	50.03	74.00	-23.97
5150.00	Average	34.81	7.82	42.63	54.00	-11.37
5150.00	Peak	45.07	7.82	52.89	74.00	-21.11

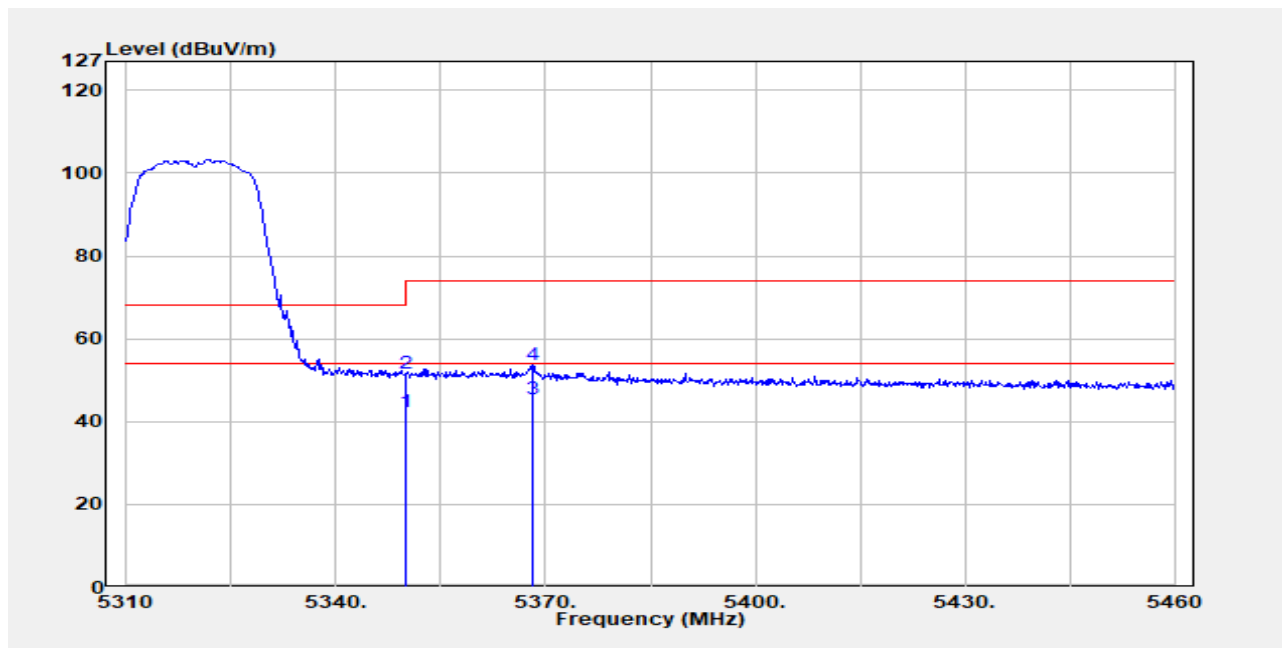
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Report Number :ER/2022/20002
 Operation Mode :802.11n20
 Test Frequency :5320 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Vertical
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5350.00	Average	33.78	8.68	42.46	54.00	-11.54
5350.00	Peak	43.06	8.68	51.73	74.00	-22.27
5368.05	Average	36.55	8.88	45.43	54.00	-8.57
5368.05	Peak	44.98	8.88	53.86	74.00	-20.14

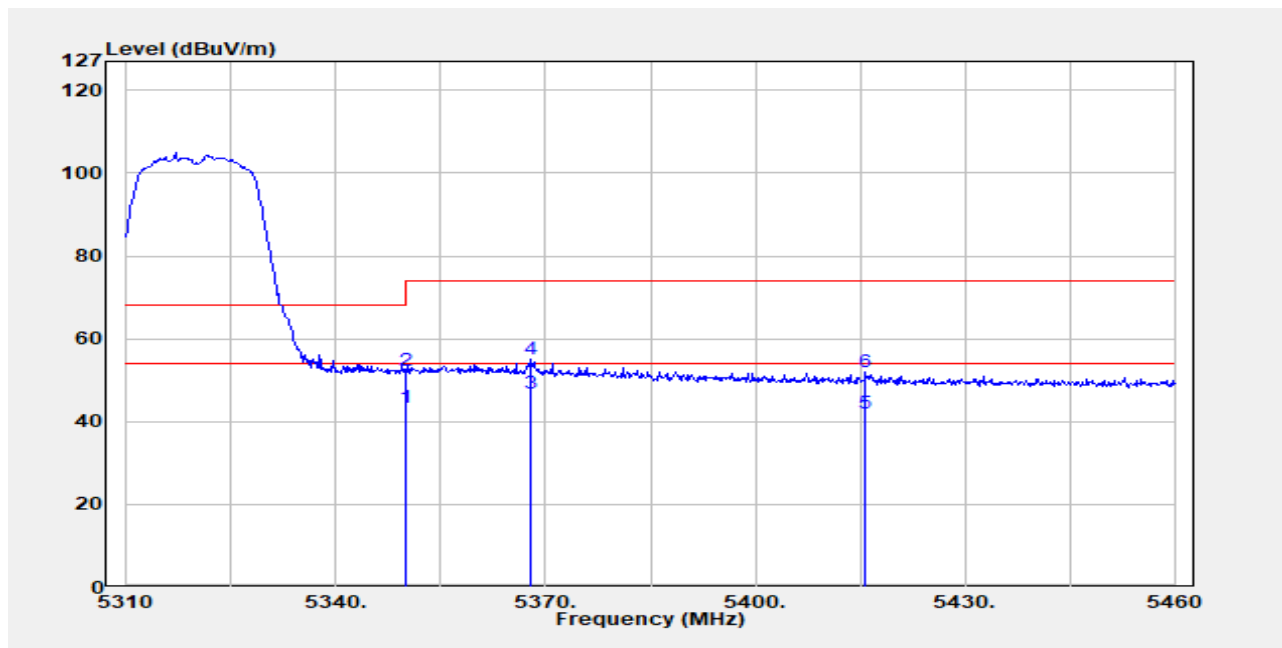
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Report Number :ER/2022/20002
 Operation Mode :802.11n20
 Test Frequency :5320 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Horizontal
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5350.00	Average	34.77	8.68	43.45	54.00	-10.55
5350.00	Peak	43.71	8.68	52.38	74.00	-21.62
5367.75	Average	37.83	8.88	46.71	54.00	-7.29
5367.75	Peak	46.13	8.88	55.01	74.00	-18.99
5415.75	Average	32.79	9.08	41.87	54.00	-12.13
5415.75	Peak	42.96	9.08	52.04	74.00	-21.96

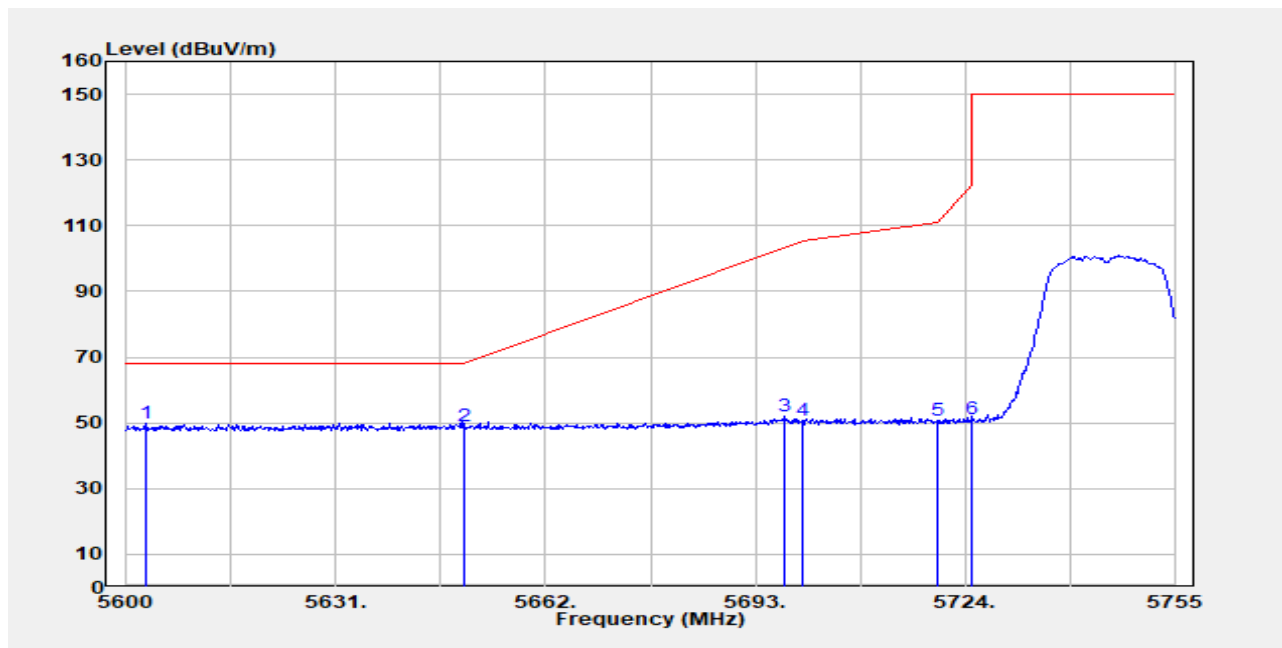
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Report Number :ER/2022/20002
 Operation Mode :802.11n20
 Test Frequency :5745 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Vertical
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5602.79	Peak	41.97	7.75	49.73	68.20	-18.47
5650.00	Peak	41.17	7.90	49.07	68.20	-19.13
5697.19	Peak	43.63	8.33	51.95	103.12	-51.16
5700.00	Peak	42.42	8.35	50.77	105.20	-54.43
5720.00	Peak	42.32	8.53	50.85	110.80	-59.95
5725.00	Peak	42.69	8.57	51.27	122.20	-70.93

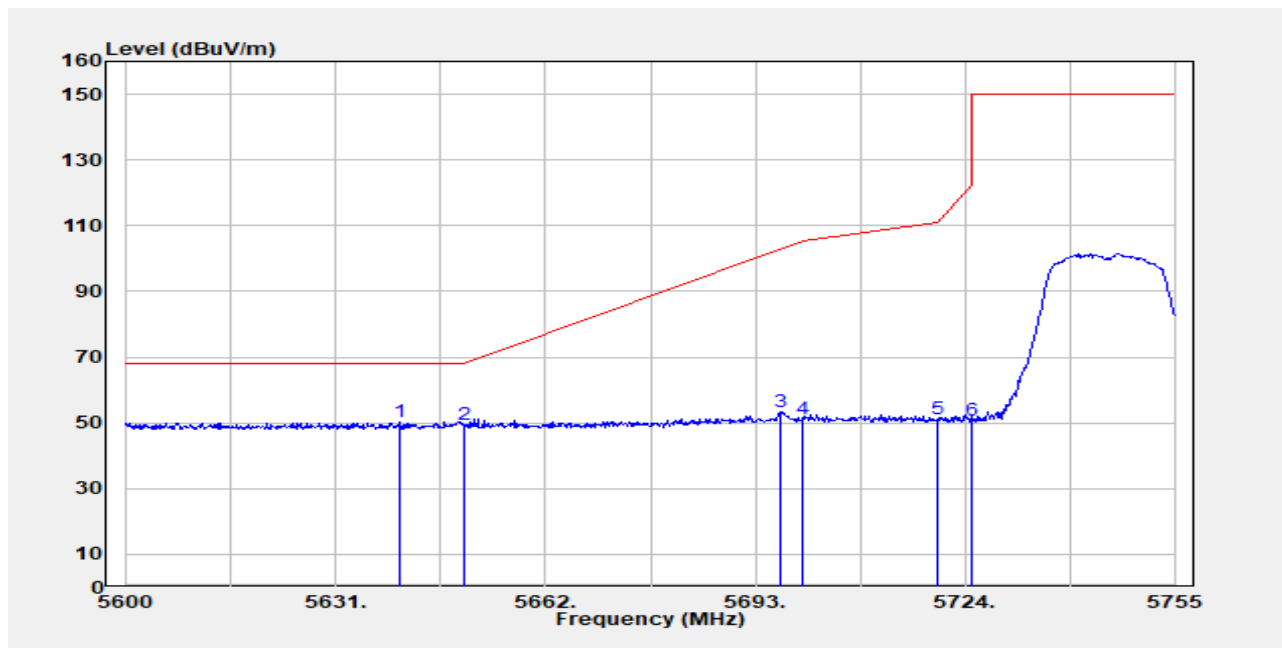
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Report Number :ER/2022/20002
 Operation Mode :802.11n20
 Test Frequency :5745 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Horizontal
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5640.46	Peak	42.22	7.87	50.09	68.20	-18.11
5650.00	Peak	41.57	7.90	49.47	68.20	-18.73
5696.72	Peak	44.96	8.33	53.28	102.77	-49.49
5700.00	Peak	42.92	8.35	51.27	105.20	-53.93
5720.00	Peak	42.84	8.53	51.37	110.80	-59.43
5725.00	Peak	42.19	8.57	50.76	122.20	-71.44

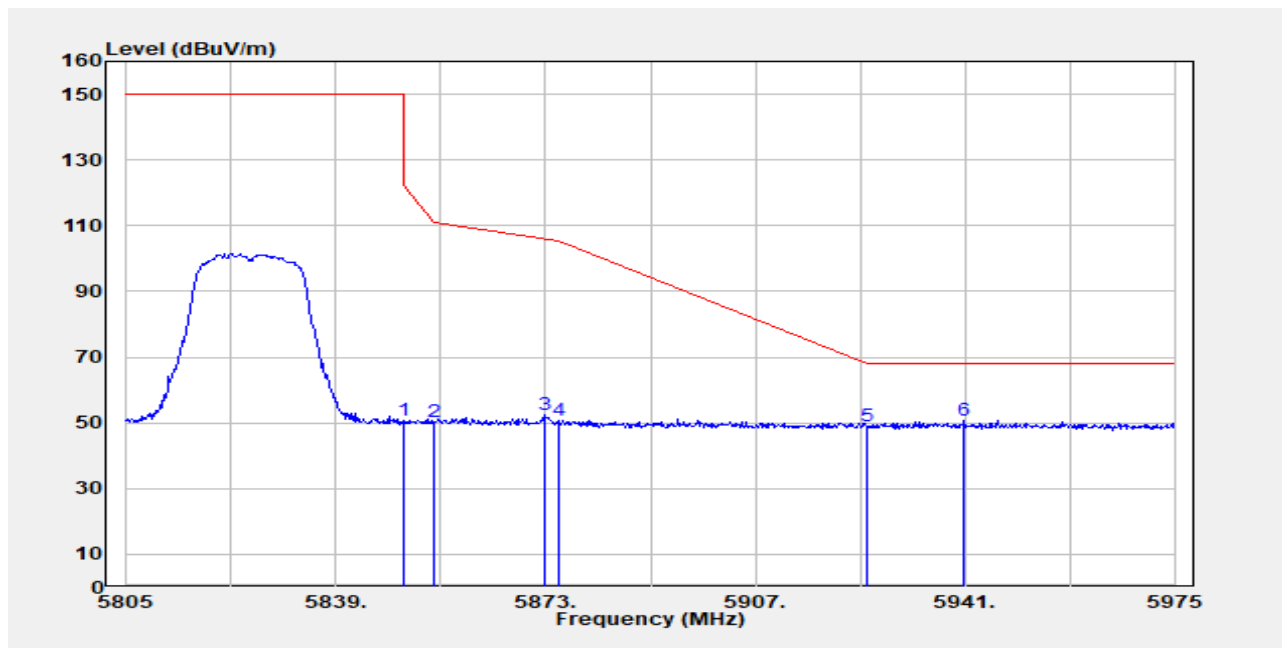
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Report Number :ER/2022/20002
 Operation Mode :802.11n20
 Test Frequency :5825 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Vertical
 Engineer :GN Lin



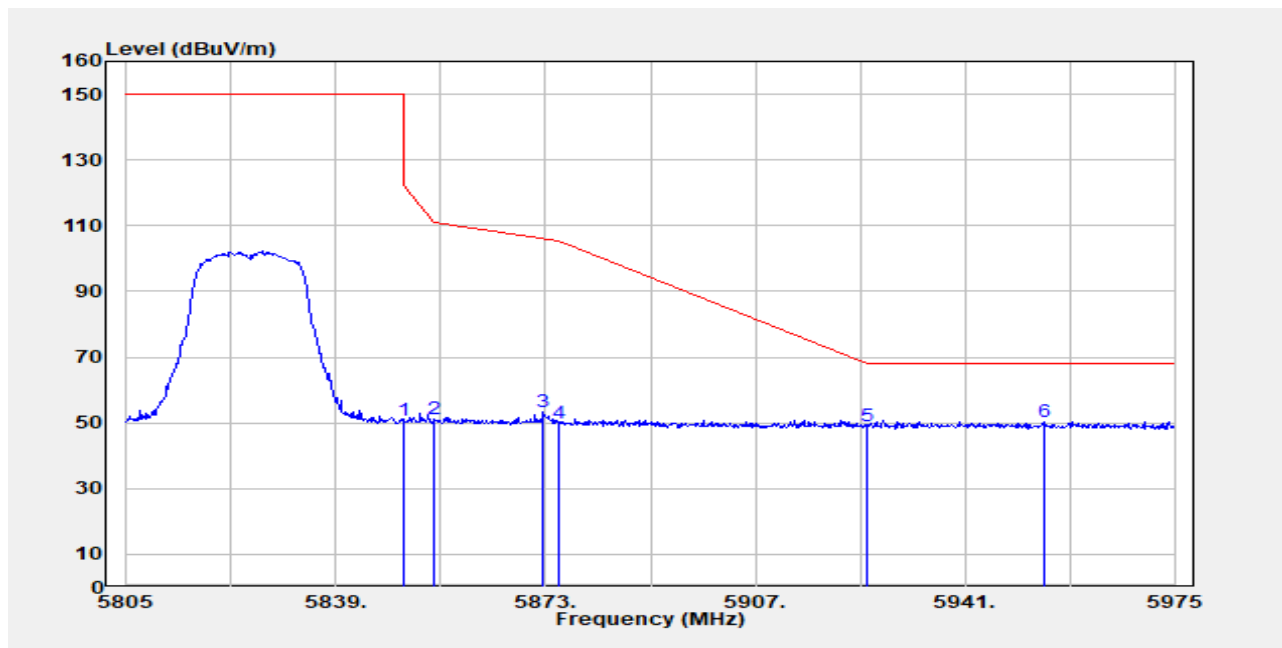
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5850.00	Peak	41.99	8.93	50.93	122.20	-71.27
5855.00	Peak	41.34	8.93	50.27	110.80	-60.53
5872.83	Peak	43.62	8.90	52.51	105.81	-53.29
5875.00	Peak	41.69	8.89	50.58	105.20	-54.62
5925.00	Peak	40.33	8.85	49.17	68.20	-19.03
5940.83	Peak	42.07	8.84	50.92	68.20	-17.28

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Report Number :ER/2022/20002
 Operation Mode :802.11n20
 Test Frequency :5825 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Horizontal
 Engineer :GN Lin



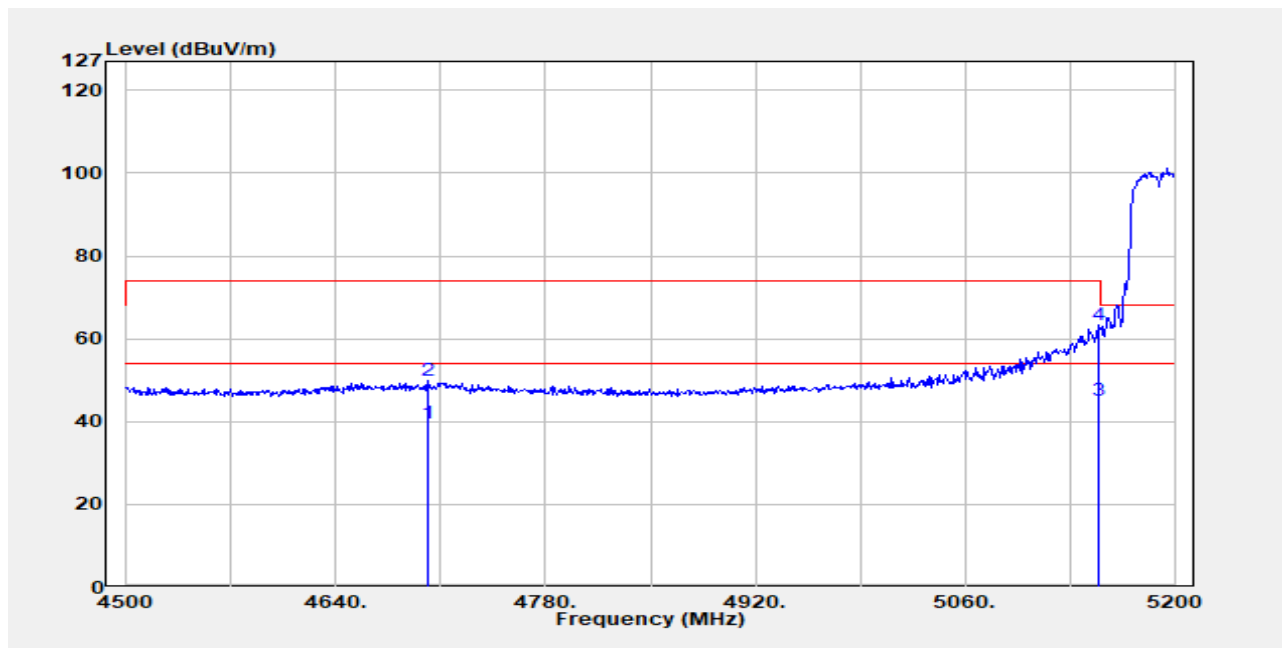
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5850.00	Peak	41.61	8.93	50.54	122.20	-71.66
5855.00	Peak	42.45	8.93	51.37	110.80	-59.43
5872.66	Peak	44.31	8.90	53.20	105.86	-52.65
5875.00	Peak	40.88	8.89	49.77	105.20	-55.43
5925.00	Peak	40.28	8.85	49.12	68.20	-19.08
5953.75	Peak	41.59	8.82	50.41	68.20	-17.79

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Report Number :ER/2022/20002
 Operation Mode :802.11n40
 Test Frequency :5190 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Vertical
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4700.90	Average	33.17	6.56	39.73	54.00	-14.27
4700.90	Peak	43.39	6.56	49.95	74.00	-24.05
5150.00	Average	37.13	7.82	44.95	54.00	-9.05
5150.00	Peak	55.59	7.82	63.42	74.00	-10.58

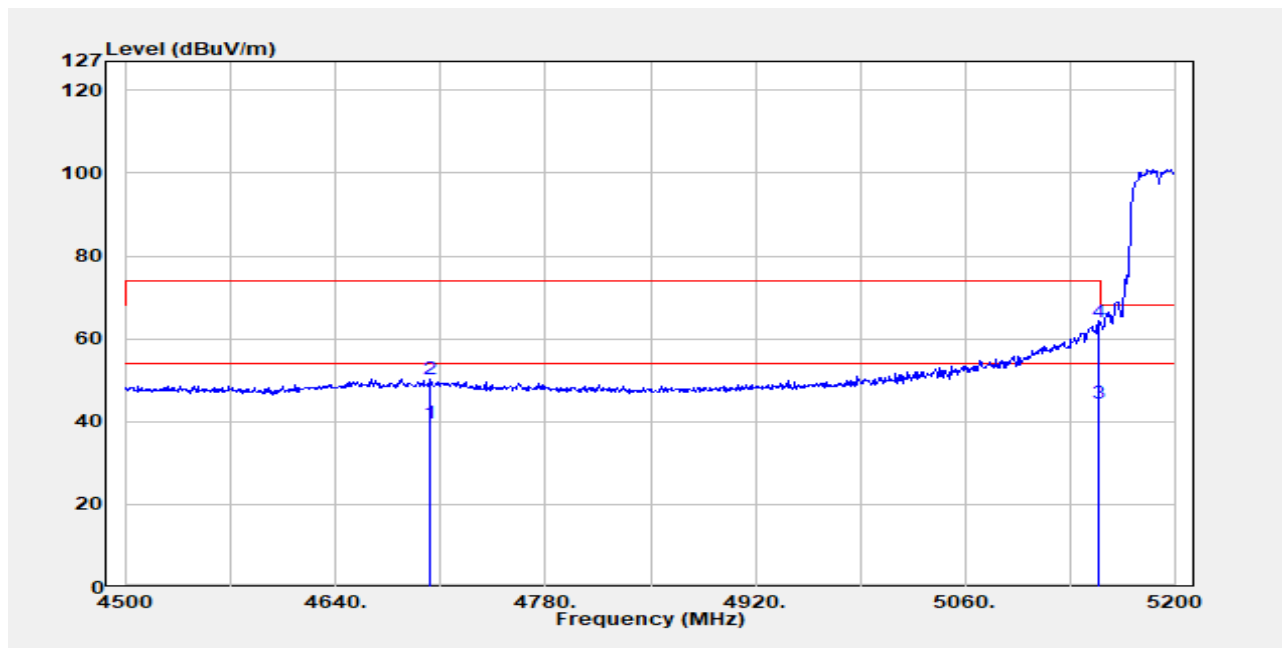
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Report Number :ER/2022/20002
 Operation Mode :802.11n40
 Test Frequency :5190 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Horizontal
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4702.30	Average	32.89	6.56	39.45	54.00	-14.55
4702.30	Peak	43.82	6.56	50.38	74.00	-23.62
5150.00	Average	36.74	7.82	44.56	54.00	-9.44
5150.00	Peak	56.05	7.82	63.88	74.00	-10.12

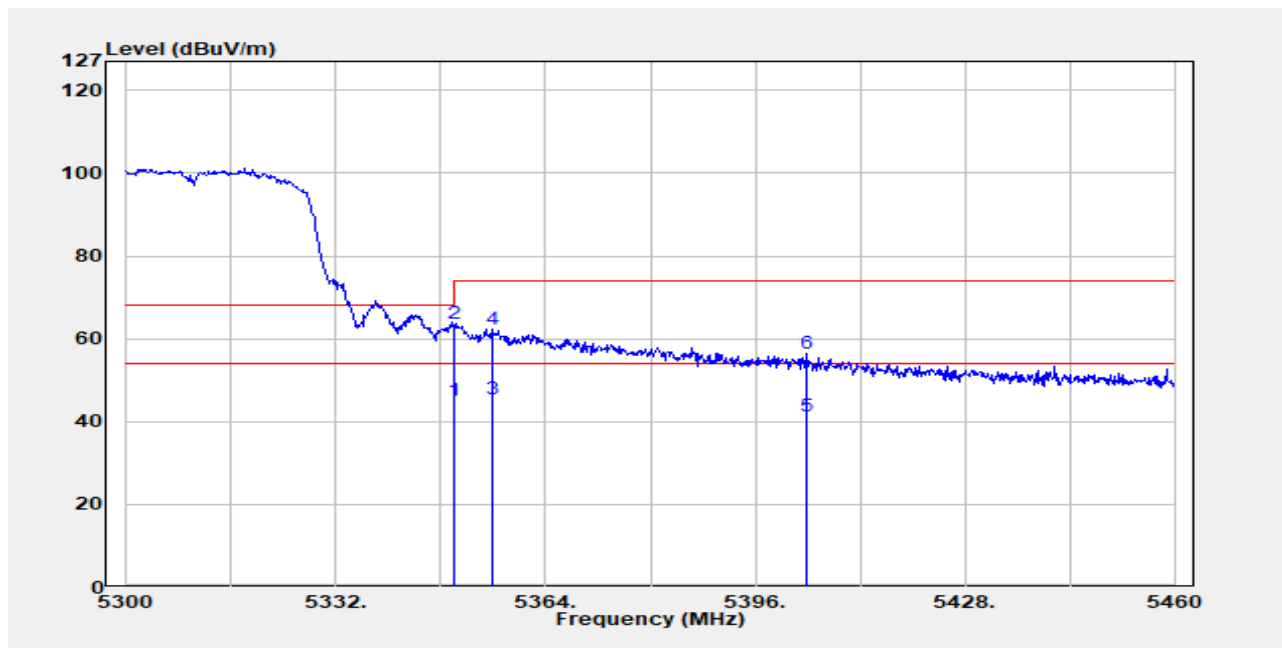
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Report Number :ER/2022/20002
 Operation Mode :802.11n40
 Test Frequency :5310 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Vertical
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5350.00	Average	36.37	8.68	45.05	54.00	-8.95
5350.00	Peak	54.88	8.68	63.56	74.00	-10.44
5356.00	Average	36.68	8.75	45.43	54.00	-8.57
5356.00	Peak	53.61	8.75	62.35	74.00	-11.65
5403.84	Average	32.19	9.21	41.40	54.00	-12.60
5403.84	Peak	47.08	9.21	56.29	74.00	-17.71

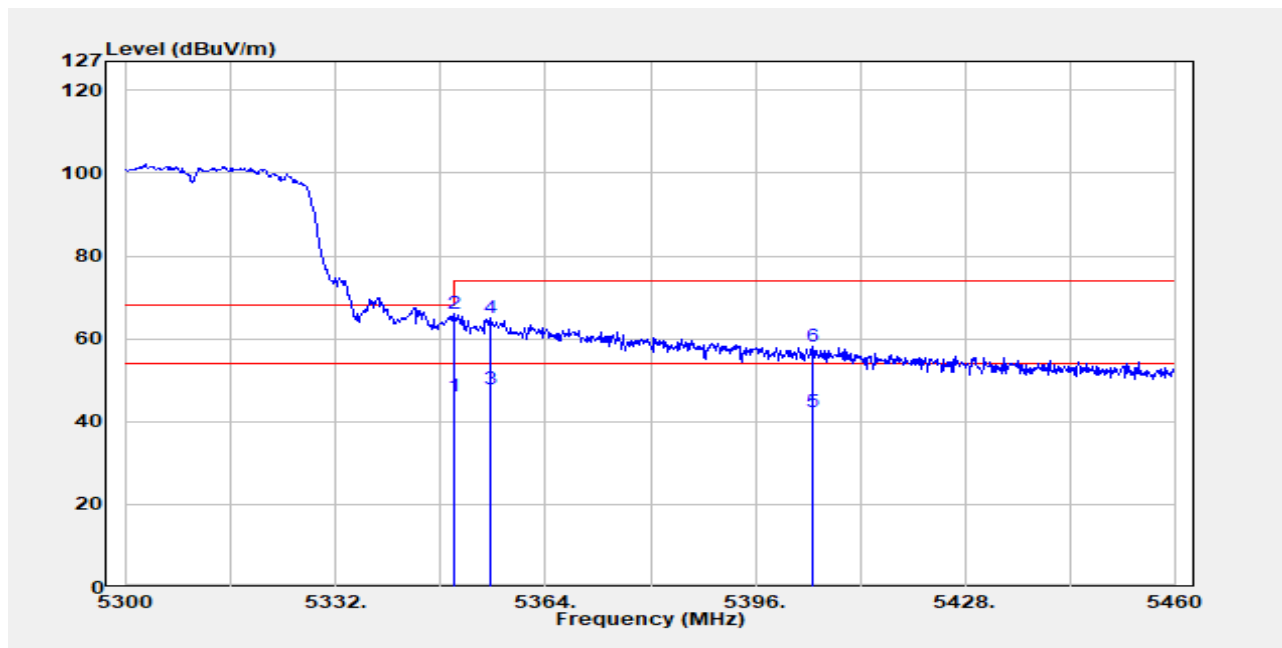
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Report Number :ER/2022/20002
 Operation Mode :802.11n40
 Test Frequency :5310 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Horizontal
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5350.00	Average	37.48	8.68	46.16	54.00	-7.84
5350.00	Peak	57.26	8.68	65.94	74.00	-8.06
5355.52	Average	38.97	8.74	47.71	54.00	-6.29
5355.52	Peak	56.26	8.74	65.00	74.00	-9.00
5404.64	Average	33.17	9.20	42.37	54.00	-11.63
5404.64	Peak	49.08	9.20	58.27	74.00	-15.73

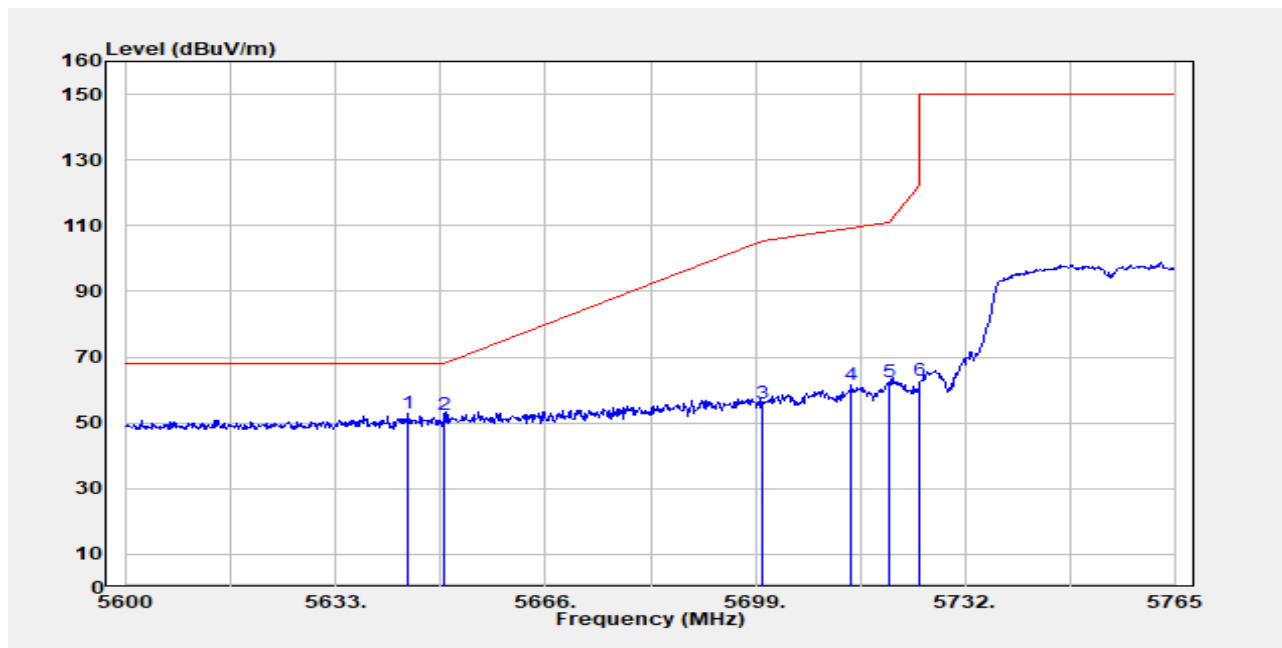
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Report Number :ER/2022/20002
 Operation Mode :802.11n40
 Test Frequency :5755 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Vertical
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5644.39	Peak	44.88	7.88	52.77	68.20	-15.43
5650.00	Peak	44.55	7.90	52.45	68.20	-15.75
5700.00	Peak	47.65	8.35	56.01	105.20	-49.19
5714.18	Peak	52.99	8.48	61.47	109.17	-47.70
5720.00	Peak	54.11	8.53	62.64	110.80	-48.16
5725.00	Peak	54.18	8.57	62.75	122.20	-59.45

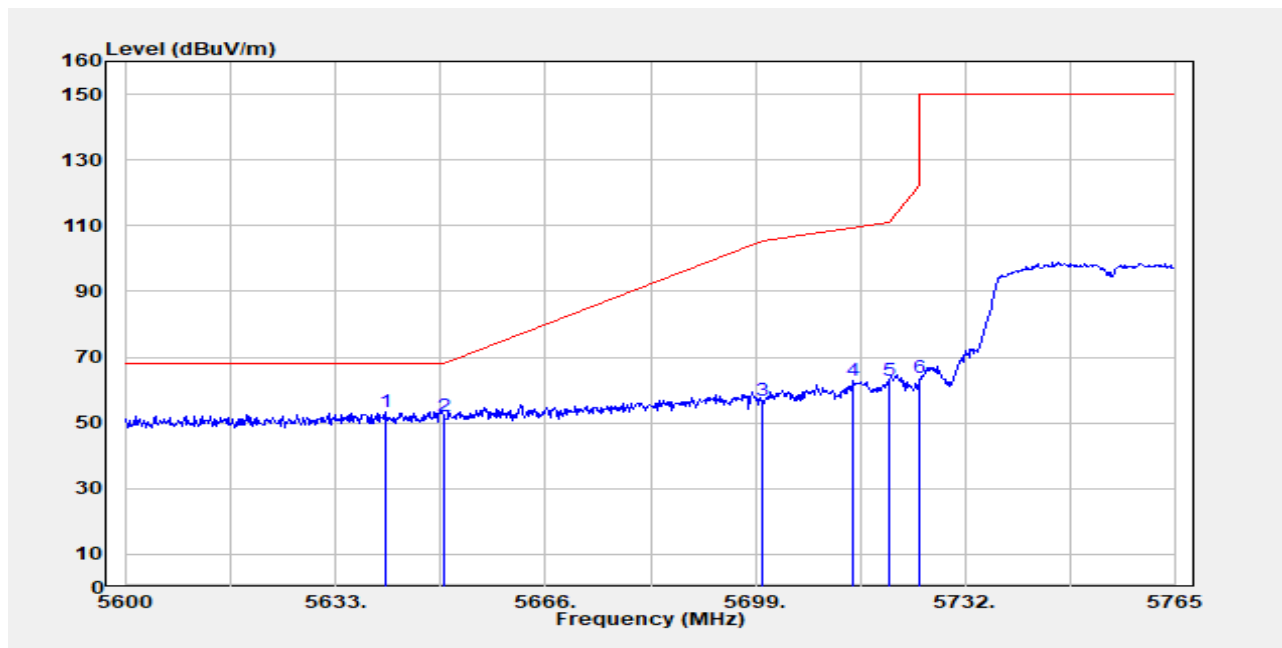
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Report Number :ER/2022/20002
 Operation Mode :802.11n40
 Test Frequency :5755 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Horizontal
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5640.92	Peak	45.49	7.87	53.36	68.20	-14.84
5650.00	Peak	44.26	7.90	52.15	68.20	-16.05
5700.00	Peak	48.34	8.35	56.70	105.20	-48.50
5714.51	Peak	54.40	8.48	62.88	109.26	-46.39
5720.00	Peak	54.16	8.53	62.69	110.80	-48.11
5725.00	Peak	55.13	8.57	63.70	122.20	-58.50

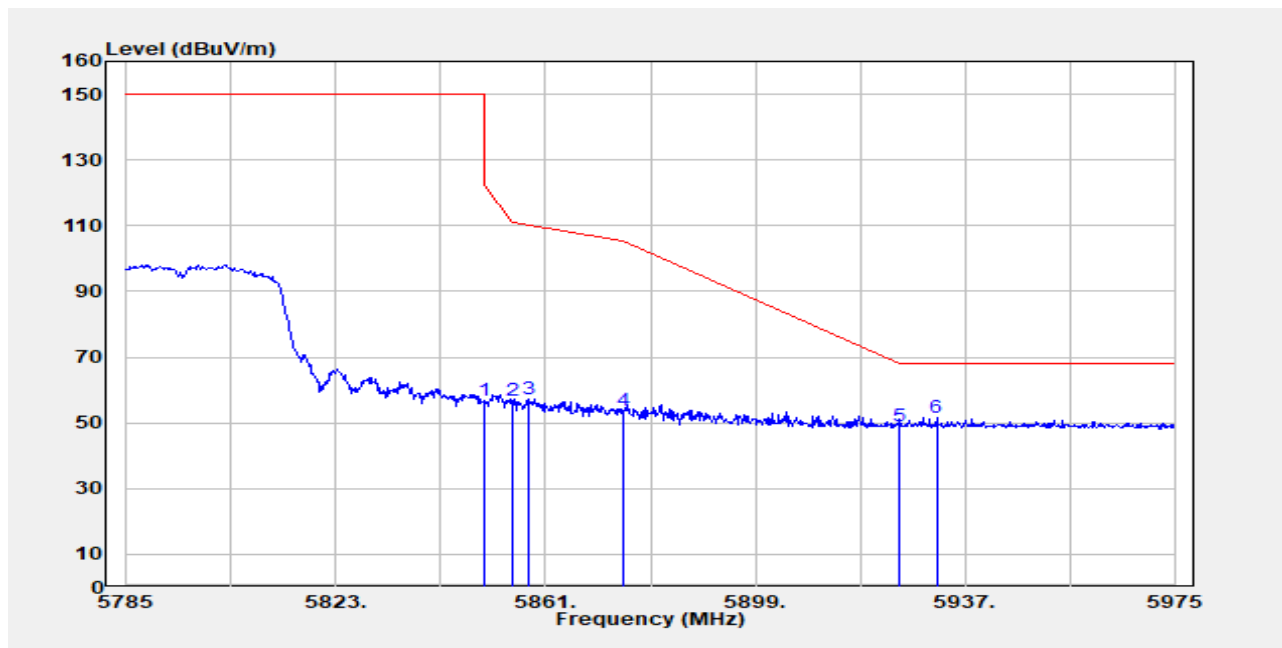
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Report Number :ER/2022/20002
 Operation Mode :802.11n40
 Test Frequency :5795 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Vertical
 Engineer :GN Lin



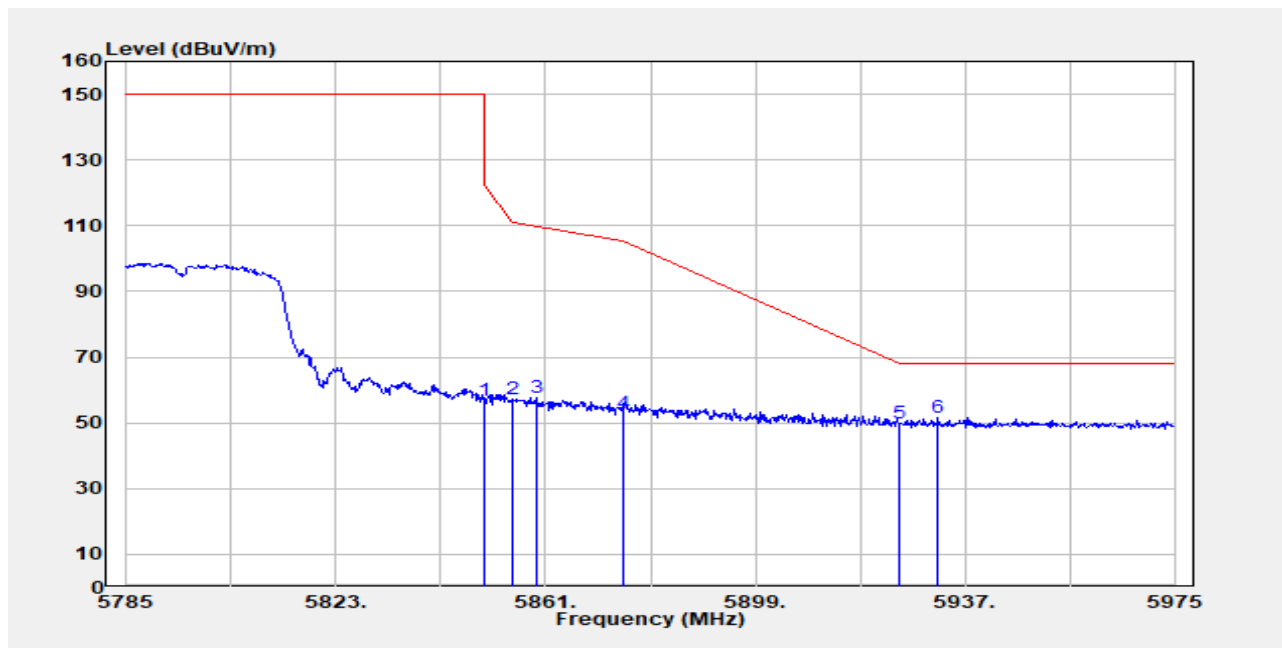
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5850.00	Peak	48.06	8.93	56.99	122.20	-65.21
5855.00	Peak	48.03	8.93	56.95	110.80	-53.85
5857.77	Peak	48.34	8.92	57.26	110.02	-52.77
5875.00	Peak	44.77	8.89	53.66	105.20	-51.54
5925.00	Peak	40.31	8.85	49.15	68.20	-19.05
5931.87	Peak	42.90	8.84	51.74	68.20	-16.46

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Report Number :ER/2022/20002
 Operation Mode :802.11n40
 Test Frequency :5795 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Horizontal
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5850.00	Peak	48.00	8.93	56.93	122.20	-65.27
5855.00	Peak	48.43	8.93	57.35	110.80	-53.45
5859.29	Peak	48.62	8.92	57.54	109.60	-52.06
5875.00	Peak	43.97	8.89	52.86	105.20	-52.34
5925.00	Peak	41.08	8.85	49.92	68.20	-18.28
5932.06	Peak	42.81	8.84	51.65	68.20	-16.55

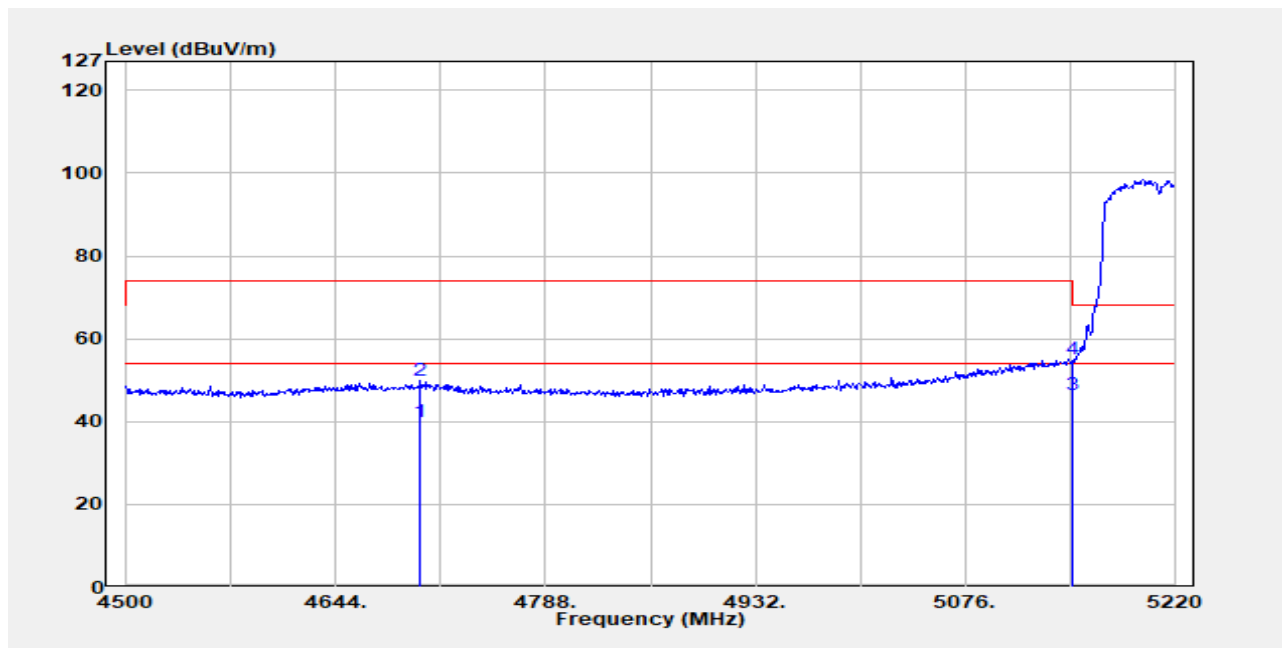
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Report Number :ER/2022/20002
 Operation Mode :802.11ac80
 Test Frequency :5210 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Vertical
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4701.60	Average	33.20	6.56	39.76	54.00	-14.24
4701.60	Peak	43.18	6.56	49.74	74.00	-24.26
5150.00	Average	38.47	7.82	46.29	54.00	-7.71
5150.00	Peak	47.16	7.82	54.98	74.00	-19.02

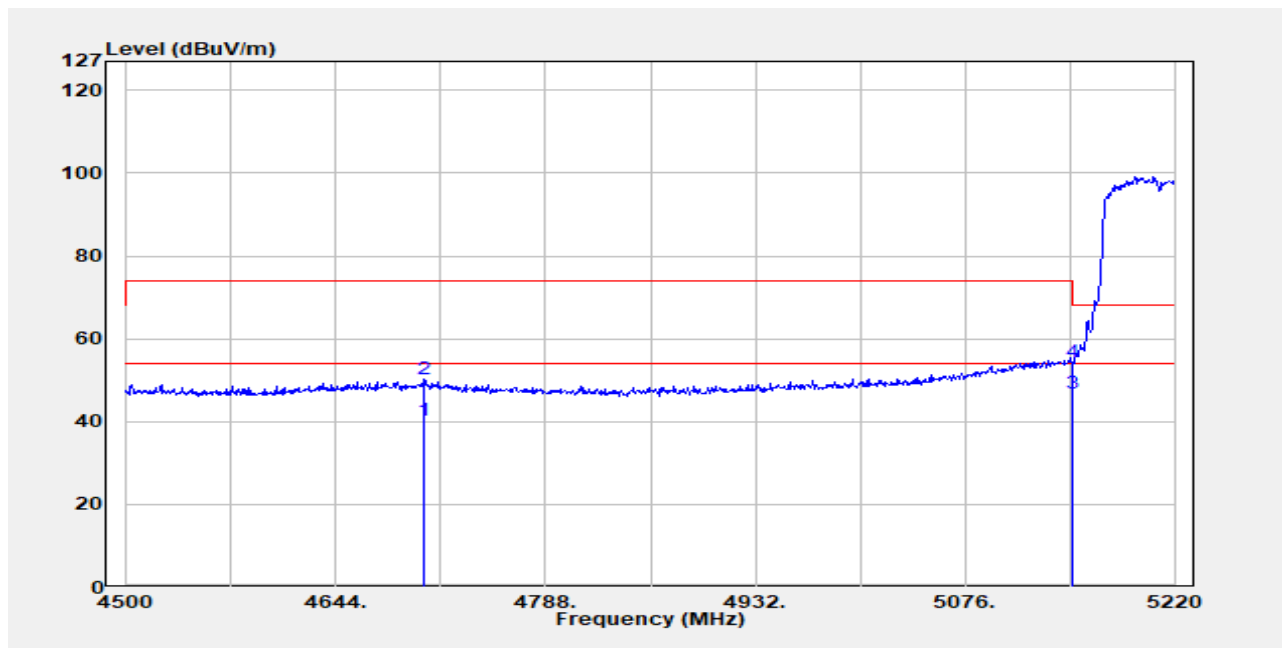
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Report Number :ER/2022/20002
 Operation Mode :802.11ac80
 Test Frequency :5210 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Horizontal
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4703.76	Average	33.54	6.56	40.10	54.00	-13.90
4703.76	Peak	43.68	6.56	50.24	74.00	-23.76
5150.00	Average	38.84	7.82	46.66	54.00	-7.34
5150.00	Peak	46.62	7.82	54.45	74.00	-19.55

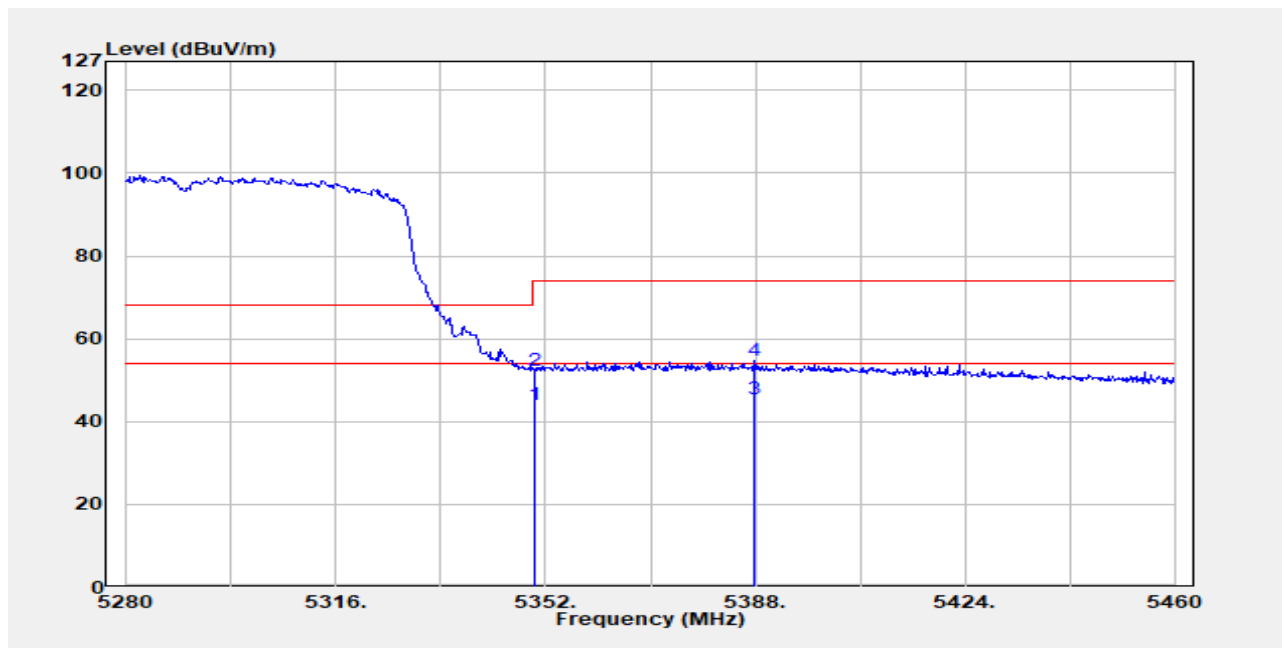
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Report Number :ER/2022/20002
 Operation Mode :802.11ac80
 Test Frequency :5290 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Vertical
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5350.00	Average	35.51	8.68	44.19	54.00	-9.81
5350.00	Peak	43.67	8.68	52.35	74.00	-21.65
5387.82	Average	36.22	9.11	45.33	54.00	-8.67
5387.82	Peak	45.48	9.11	54.59	74.00	-19.41

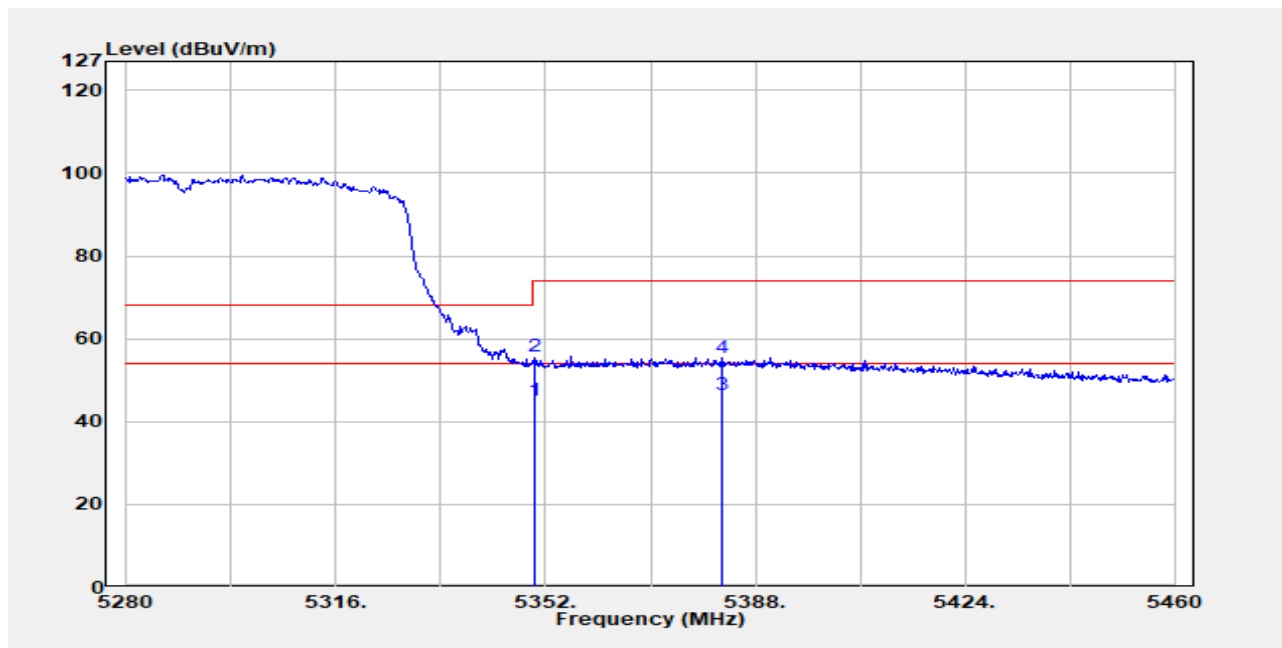
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Report Number :ER/2022/20002
 Operation Mode :802.11ac80
 Test Frequency :5290 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Horizontal
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5350.00	Average	36.35	8.68	45.03	54.00	-8.97
5350.00	Peak	47.04	8.68	55.71	74.00	-18.29
5382.42	Average	37.33	9.05	46.38	54.00	-7.62
5382.42	Peak	46.53	9.05	55.58	74.00	-18.42

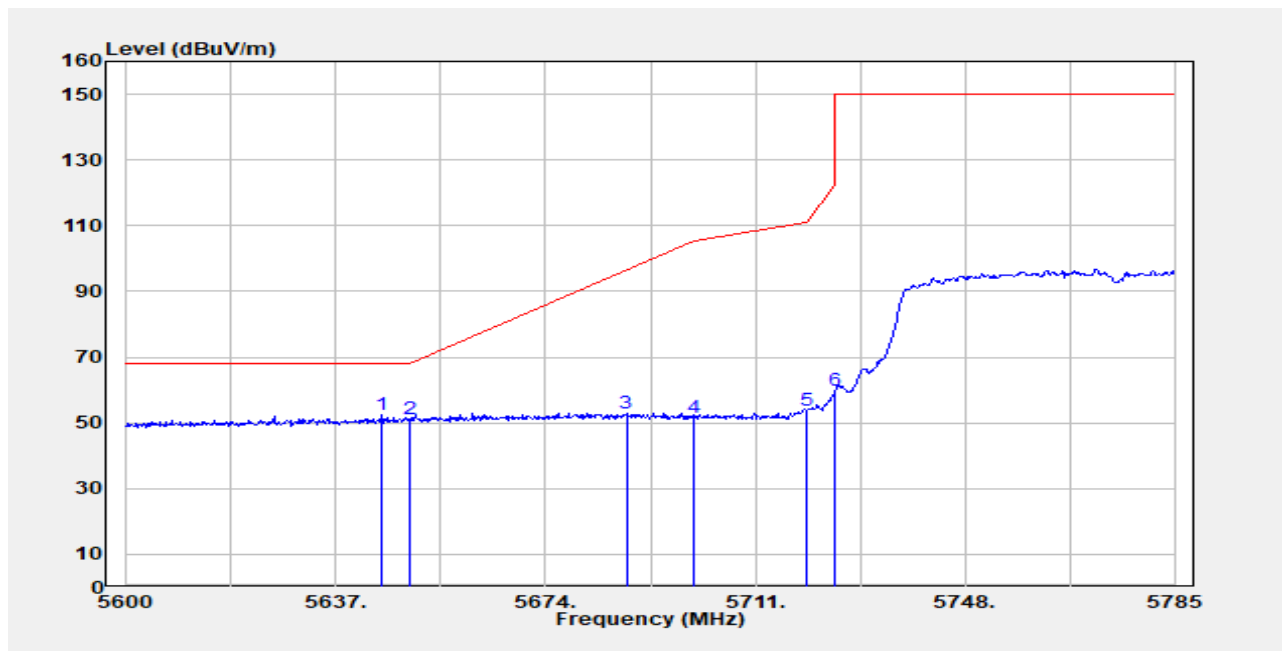
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Report Number :ER/2022/20002
 Operation Mode :802.11ac80
 Test Frequency :5775 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Vertical
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5645.14	Peak	44.53	7.79	52.33	68.20	-15.87
5650.00	Peak	43.57	7.80	51.37	68.20	-16.83
5688.25	Peak	44.80	8.15	52.95	96.50	-43.55
5700.00	Peak	43.14	8.25	51.40	105.20	-53.80
5720.00	Peak	45.49	8.39	53.87	110.80	-56.93
5725.00	Peak	51.45	8.42	59.87	122.20	-62.33

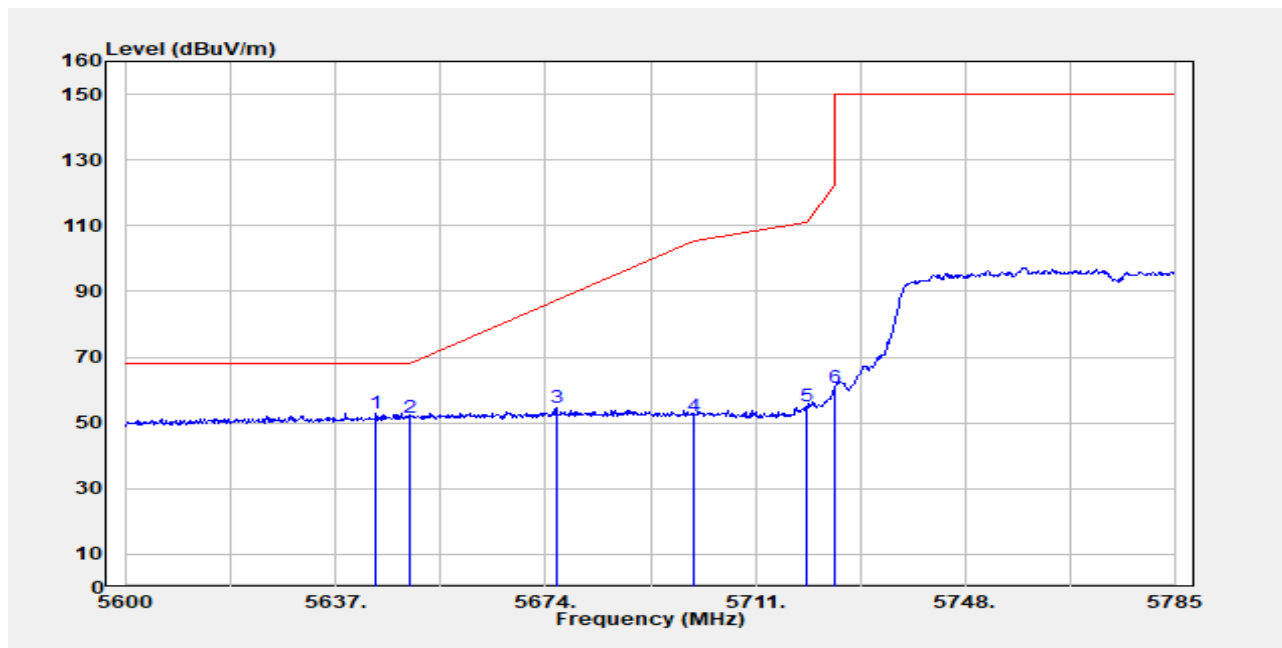
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Report Number :ER/2022/20002
 Operation Mode :802.11ac80
 Test Frequency :5775 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Horizontal
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5644.03	Peak	45.08	7.79	52.87	68.20	-15.33
5650.00	Peak	43.65	7.80	51.45	68.20	-16.75
5675.85	Peak	46.63	8.04	54.67	87.33	-32.66
5700.00	Peak	43.89	8.25	52.15	105.20	-53.05
5720.00	Peak	46.61	8.39	54.99	110.80	-55.81
5725.00	Peak	52.18	8.42	60.60	122.20	-61.60

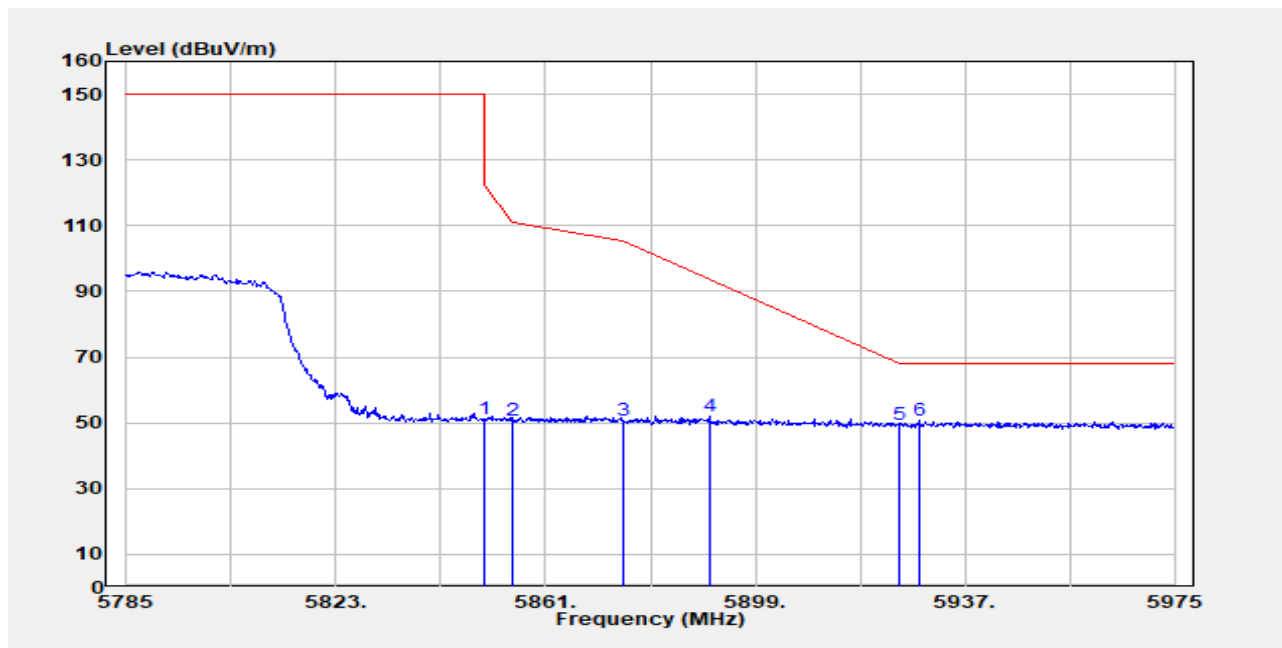
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Report Number :ER/2022/20002
 Operation Mode :802.11ac80
 Test Frequency :5775 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Vertical
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5850.00	Peak	42.20	8.93	51.13	122.20	-71.07
5855.00	Peak	41.85	8.93	50.78	110.80	-60.02
5875.00	Peak	41.89	8.89	50.78	105.20	-54.42
5890.64	Peak	43.13	8.87	52.00	93.63	-41.63
5925.00	Peak	40.70	8.85	49.54	68.20	-18.66
5928.83	Peak	41.70	8.84	50.54	68.20	-17.66

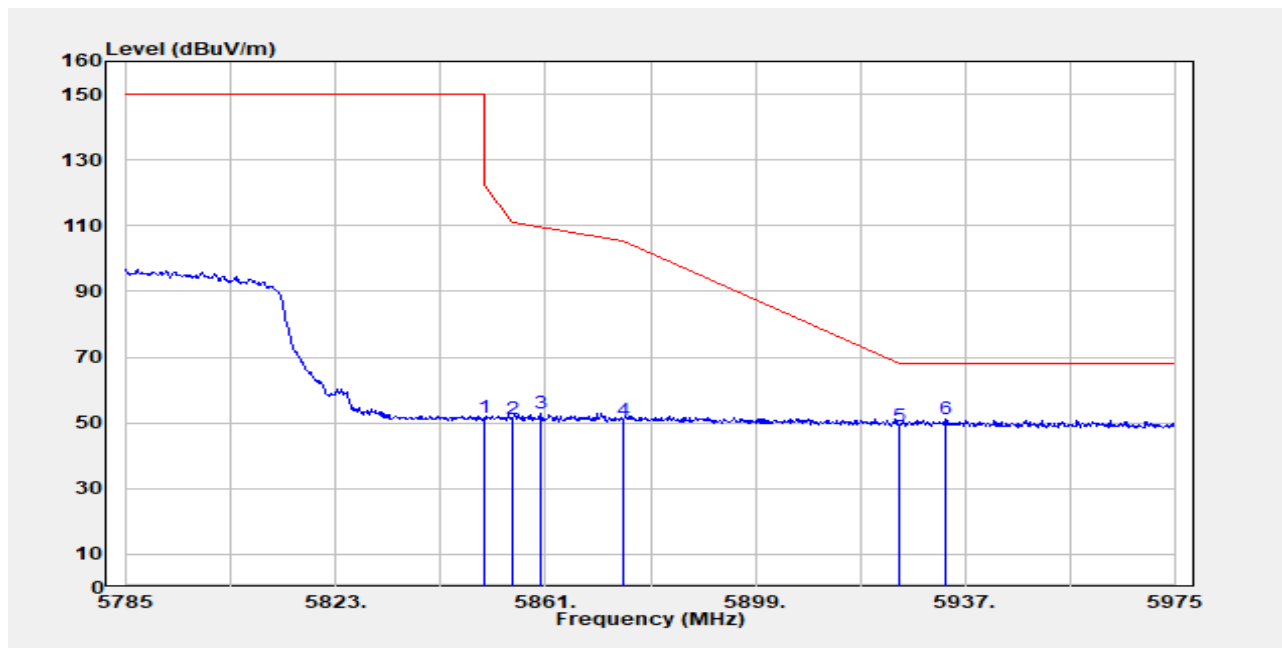
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Report Number :ER/2022/20002
 Operation Mode :802.11ac80
 Test Frequency :5775 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E1 Plane

Test Site :SAC 1
 Test Date :2022-04-18
 Temp./Humi. :23.5/61
 Antenna Pol. :Horizontal
 Engineer :GN Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5850.00	Peak	42.86	8.93	51.80	122.20	-70.40
5855.00	Peak	42.15	8.93	51.08	110.80	-59.72
5860.05	Peak	43.88	8.92	52.79	109.39	-56.59
5875.00	Peak	42.02	8.89	50.92	105.20	-54.28
5925.00	Peak	40.07	8.85	48.91	68.20	-19.29
5933.39	Peak	42.27	8.84	51.11	68.20	-17.09

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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

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§ 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

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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