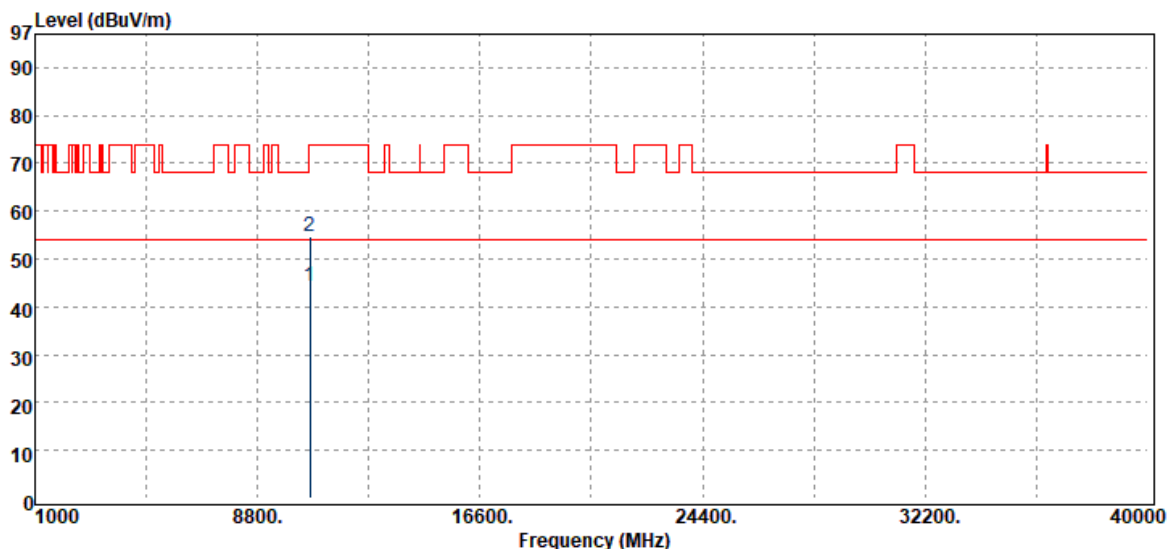


Report Number :ER/2019/C0048
 Operation Mode :802.11a B2
 Test Channel :5320 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10640.00	Average	24.81	19.49	44.30	54.00	-9.70
10640.00	Peak	35.11	19.49	54.60	74.00	-19.40

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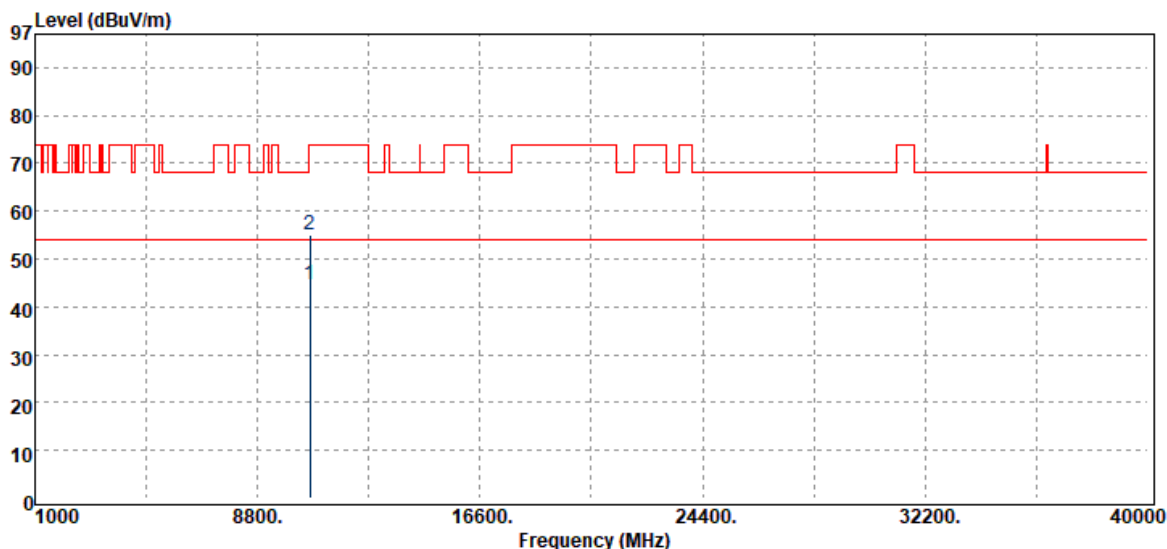
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Report Number :ER/2019/C0048
Operation Mode :802.11a B2
Test Channel :5320 MHz
Test Mode :Tx CH High
EUT Pol :E2 Plane

Test Date :2020-01-02
Temp./Humi. :21.5/58
Antenna Pol. :HORIZONTAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10640.00	Average	25.04	19.49	44.53	54.00	-9.47
10640.00	Peak	35.53	19.49	55.02	74.00	-18.98

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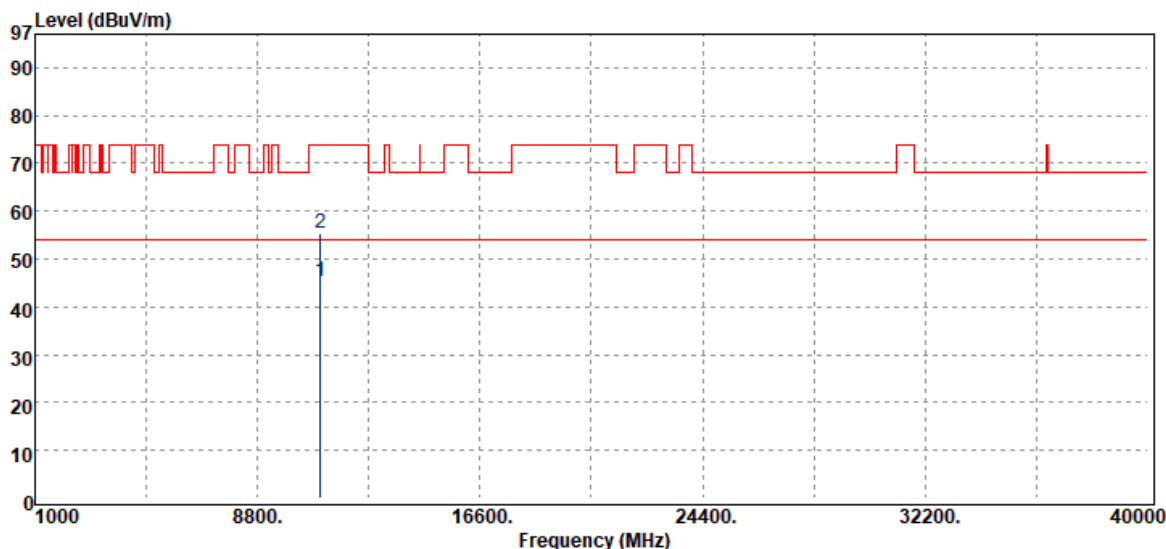
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Report Number :ER/2019/C0048
 Operation Mode :802.11a B3
 Test Channel :5500 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11000.00	Average	24.78	20.49	45.27	54.00	-8.73
11000.00	Peak	34.98	20.49	55.47	74.00	-18.53

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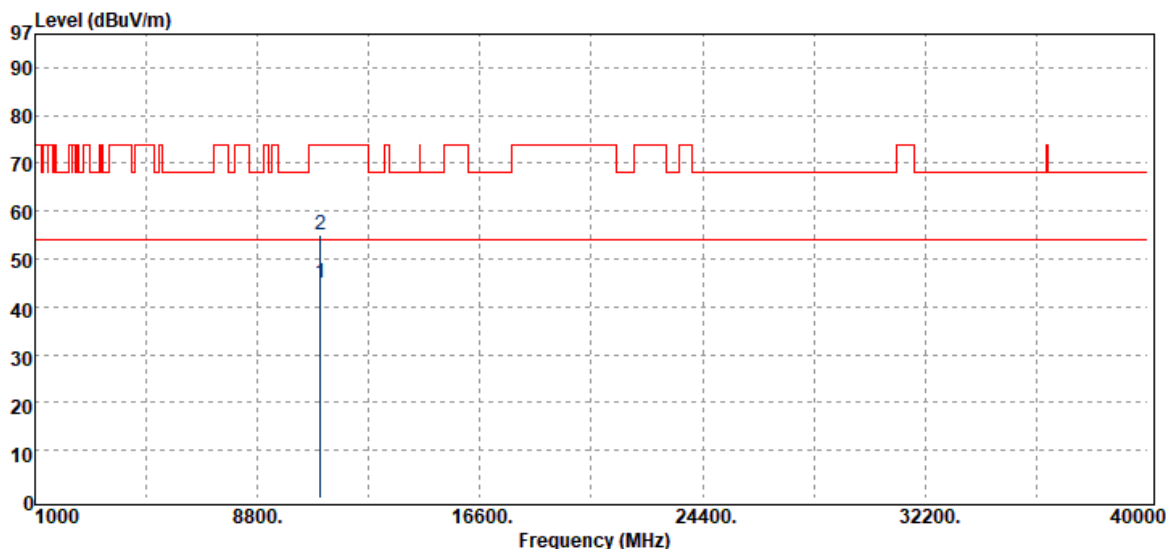
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Report Number :ER/2019/C0048
 Operation Mode :802.11a B3
 Test Channel :5500 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11000.00	Average	24.65	20.49	45.14	54.00	-8.86
11000.00	Peak	34.55	20.49	55.04	74.00	-18.96

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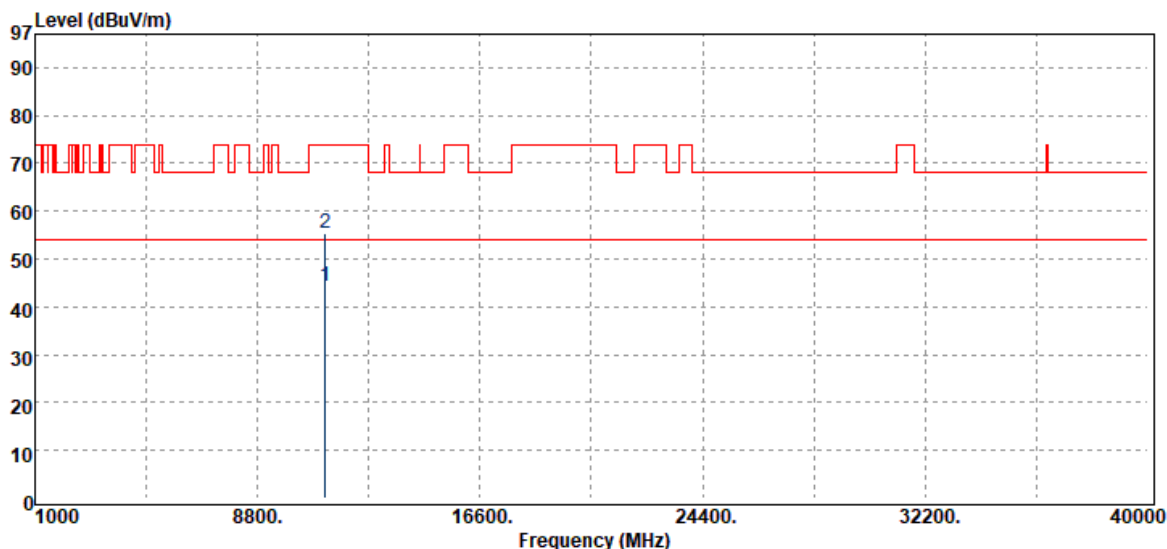
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Report Number :ER/2019/C0048
 Operation Mode :802.11a B3
 Test Channel :5580 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11160.00	Average	24.68	19.71	44.39	54.00	-9.61
11160.00	Peak	35.67	19.71	55.38	74.00	-18.62

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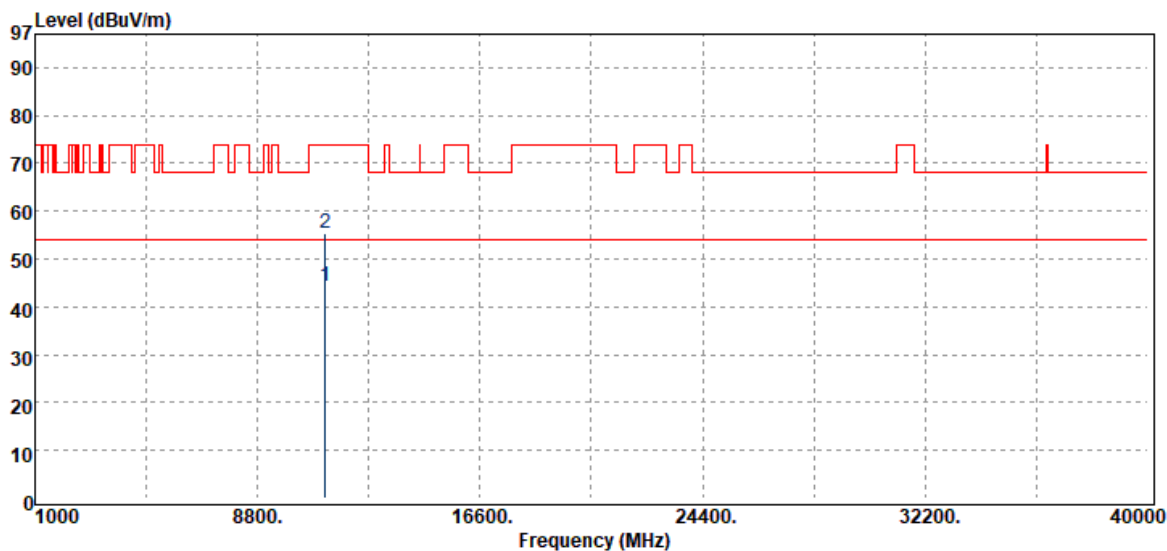
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Report Number :ER/2019/C0048
 Operation Mode :802.11a B3
 Test Channel :5580 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11160.00	Average	24.51	19.71	44.22	54.00	-9.78
11160.00	Peak	35.61	19.71	55.32	74.00	-18.68

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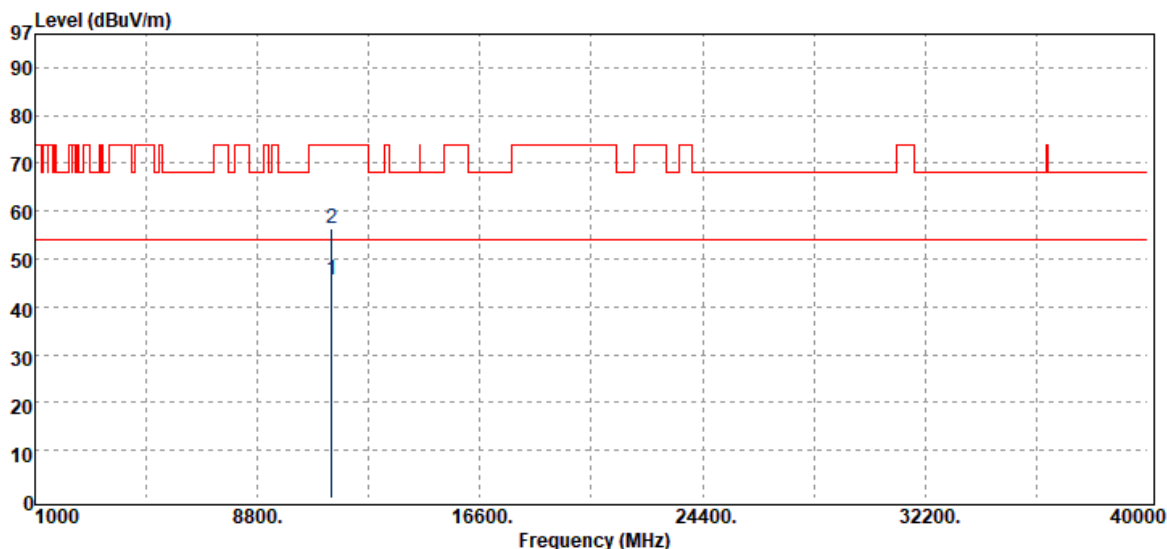
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Report Number :ER/2019/C0048
 Operation Mode :802.11a B3
 Test Channel :5700 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11400.00	Average	24.39	21.10	45.49	54.00	-8.51
11400.00	Peak	35.17	21.10	56.27	74.00	-17.73

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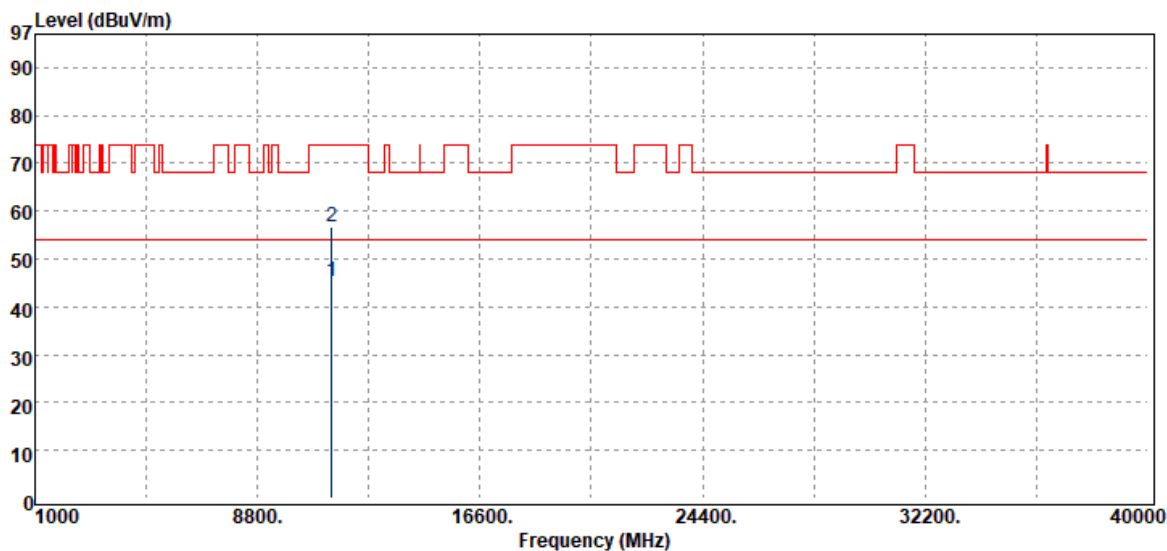
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Report Number :ER/2019/C0048
Operation Mode :802.11a B3
Test Channel :5700 MHz
Test Mode :Tx CH High
EUT Pol :E2 Plane

Test Date :2020-01-02
Temp./Humi. :21.5/58
Antenna Pol. :HORIZONTAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11400.00	Average	24.24	21.10	45.34	54.00	-8.66
11400.00	Peak	35.70	21.10	56.80	74.00	-17.20

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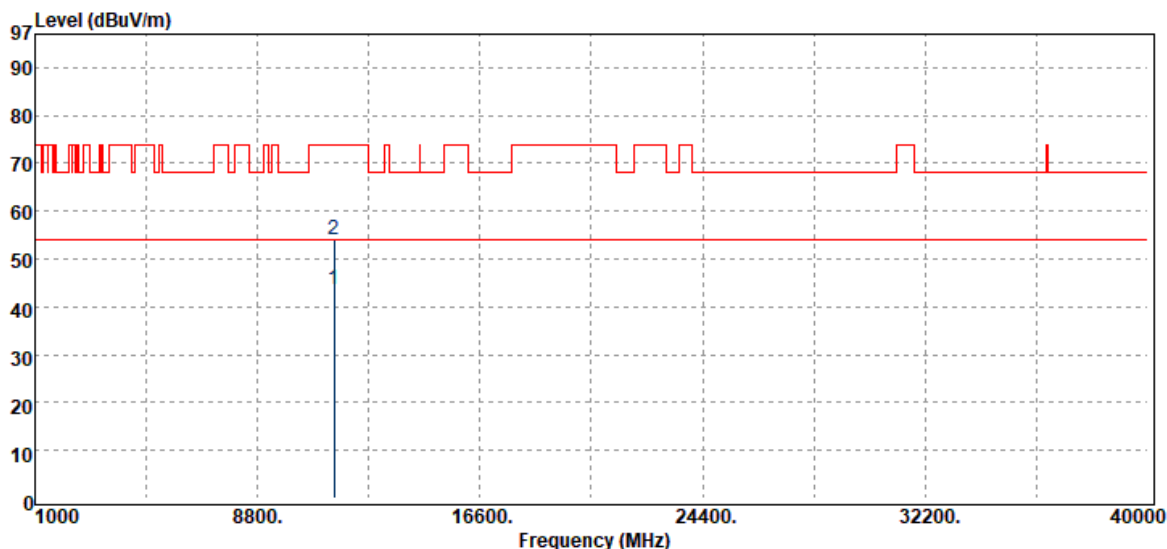
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Report Number :ER/2019/C0048
 Operation Mode :802.11a B4
 Test Channel :5745 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11490.00	Average	24.02	19.66	43.68	54.00	-10.32
11490.00	Peak	34.38	19.66	54.04	74.00	-19.96

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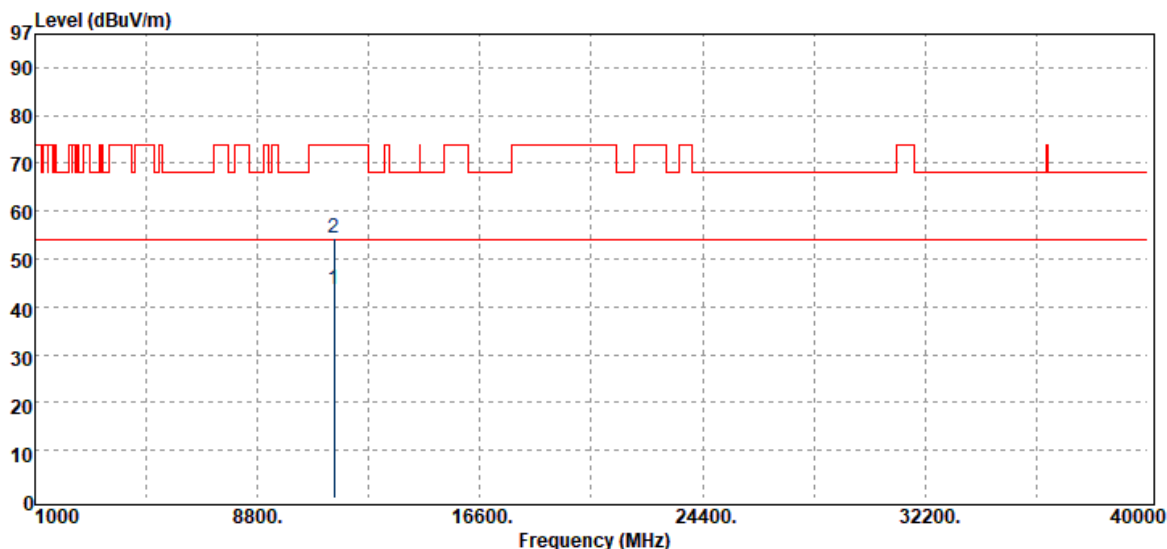
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Report Number :ER/2019/C0048
Operation Mode :802.11a B4
Test Channel :5745 MHz
Test Mode :Tx CH Low
EUT Pol :E2 Plane

Test Date :2020-01-02
Temp./Humi. :21.5/58
Antenna Pol. :HORIZONTAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11490.00	Average	23.87	19.66	43.53	54.00	-10.47
11490.00	Peak	34.59	19.66	54.25	74.00	-19.75

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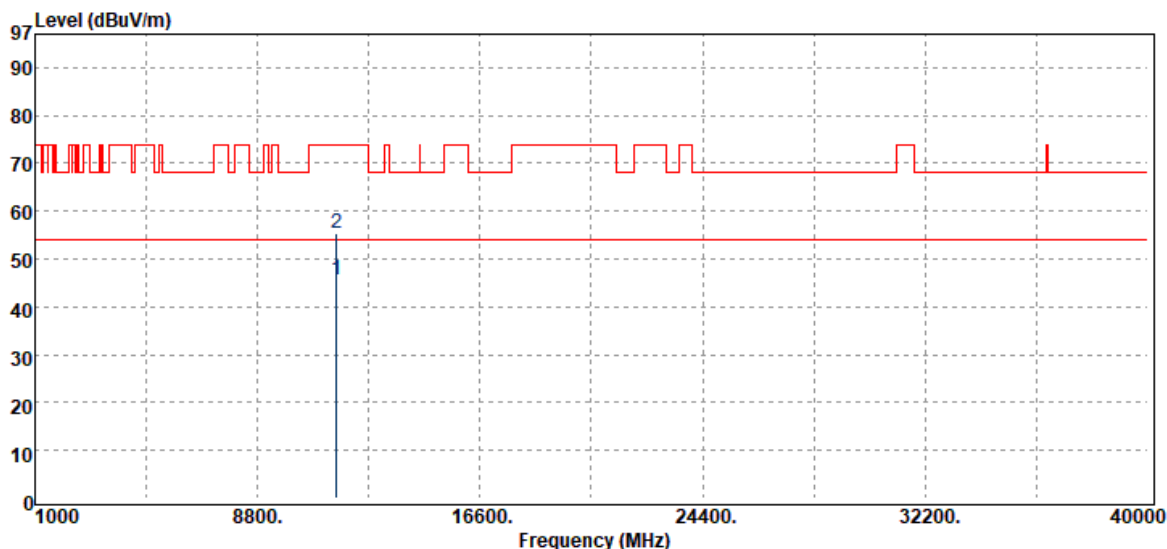
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Report Number :ER/2019/C0048
Operation Mode :802.11a B4
Test Channel :5785 MHz
Test Mode :Tx CH Mid
EUT Pol :E2 Plane

Test Date :2020-01-02
Temp./Humi. :21.5/58
Antenna Pol. :VERTICAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11570.00	Average	24.61	20.93	45.54	54.00	-8.46
11570.00	Peak	34.46	20.93	55.39	74.00	-18.61

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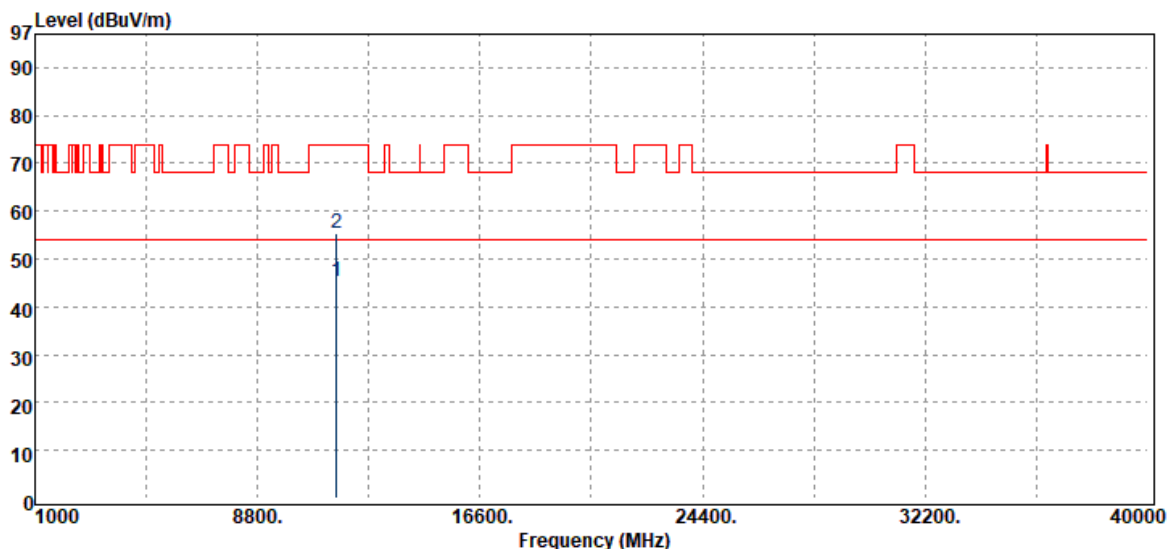
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Report Number :ER/2019/C0048
Operation Mode :802.11a B4
Test Channel :5785 MHz
Test Mode :Tx CH Mid
EUT Pol :E2 Plane

Test Date :2020-01-02
Temp./Humi. :21.5/58
Antenna Pol. :HORIZONTAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11570.00	Average	24.33	20.93	45.26	54.00	-8.74
11570.00	Peak	34.52	20.93	55.45	74.00	-18.55

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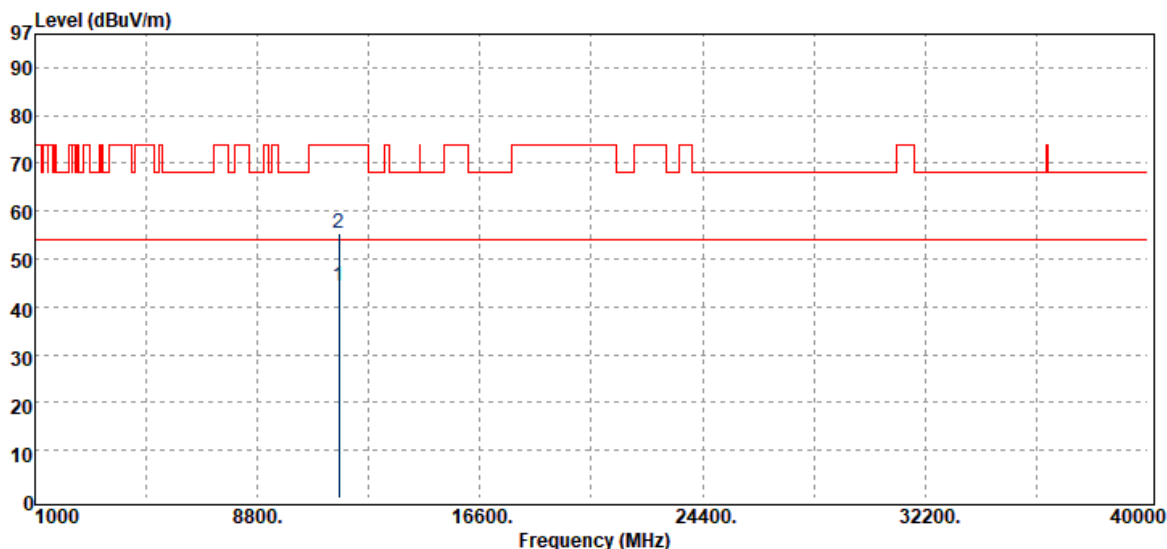
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Member of SGS Group

Report Number :ER/2019/C0048
 Operation Mode :802.11a B4
 Test Channel :5825 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11650.00	Average	24.15	20.07	44.22	54.00	-9.78
11650.00	Peak	35.20	20.07	55.27	74.00	-18.73

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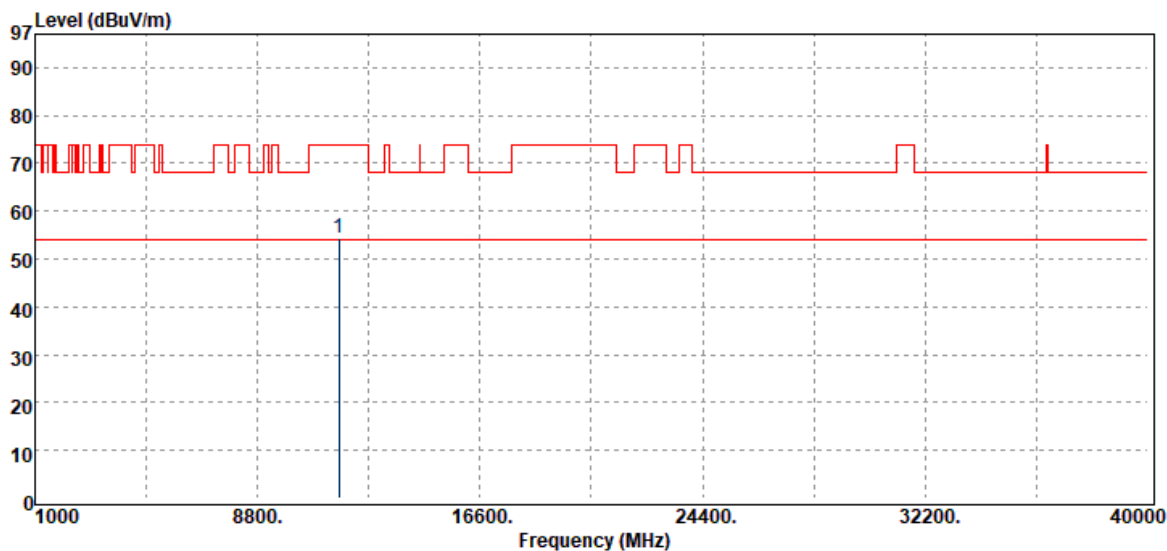
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Report Number :ER/2019/C0048
Operation Mode :802.11a B4
Test Channel :5825 MHz
Test Mode :Tx CH High
EUT Pol :E2 Plane

Test Date :2020-01-02
Temp./Humi. :21.5/58
Antenna Pol. :HORIZONTAL
Engineer :Kane



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
11650.00	Peak	34.18	20.07	54.25	74.00	-19.75

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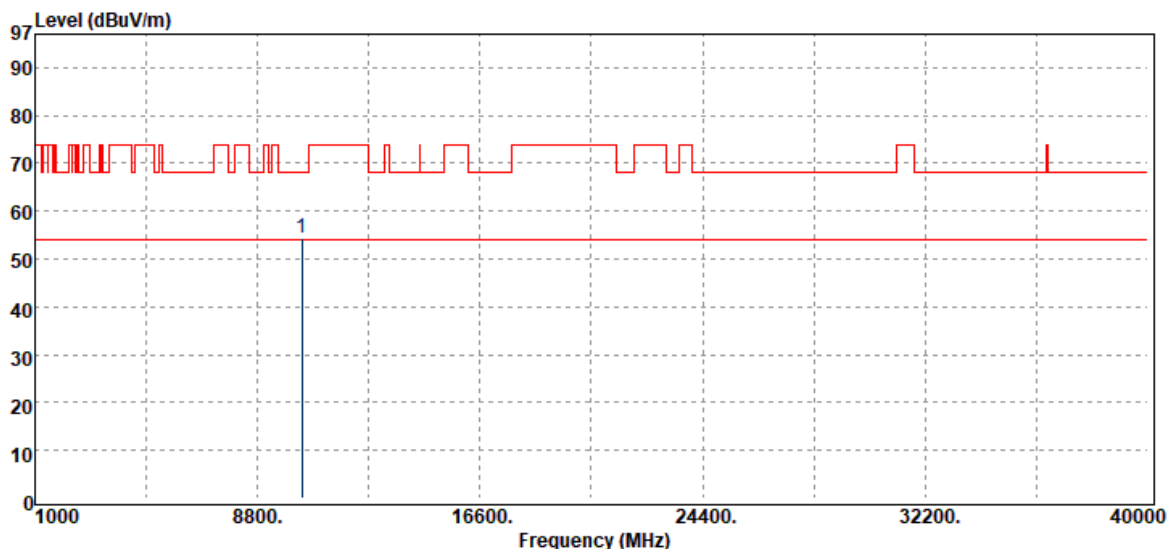
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Member of SGS Group

Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B1
 Test Channel :5180 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10360.00	Peak	35.53	18.72	54.25	68.20	-13.95

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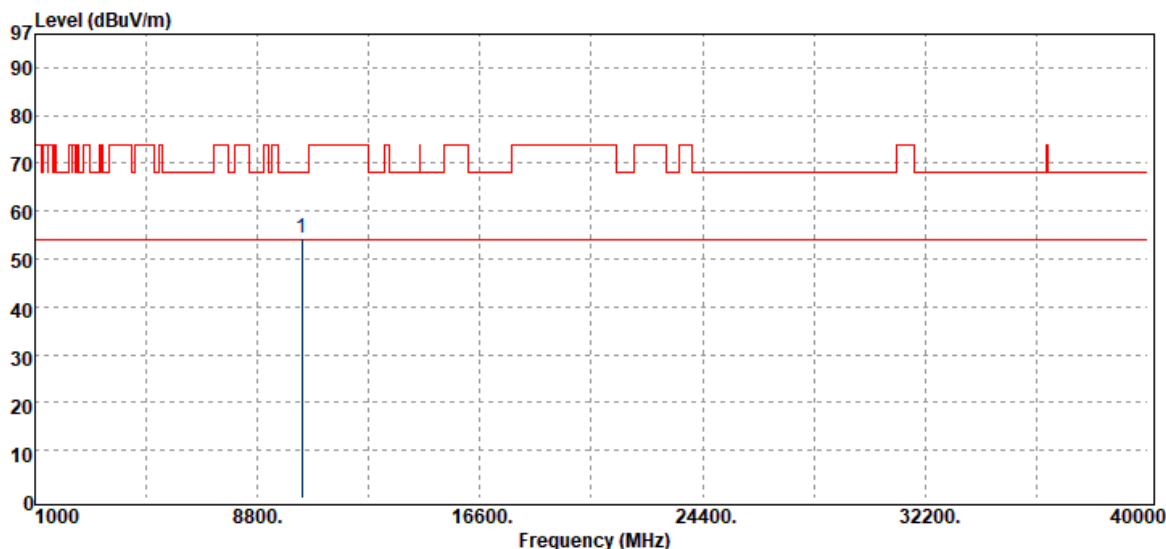
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B1
 Test Channel :5180 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10360.00	Peak	35.67	18.72	54.39	68.20	-13.81

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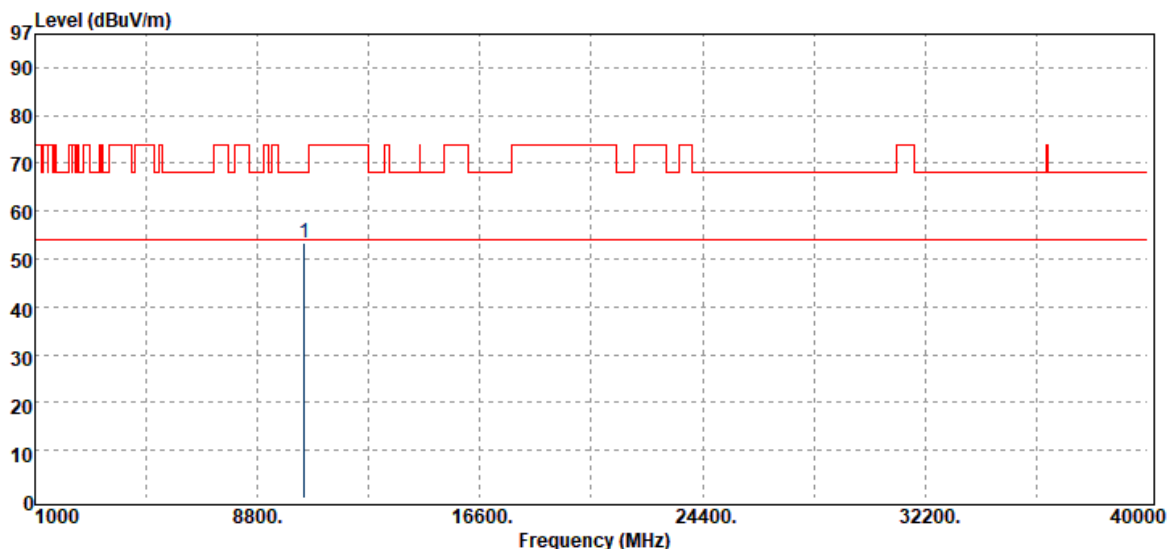
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B1
 Test Channel :5220 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10440.00	Peak	34.95	18.53	53.48	68.20	-14.72

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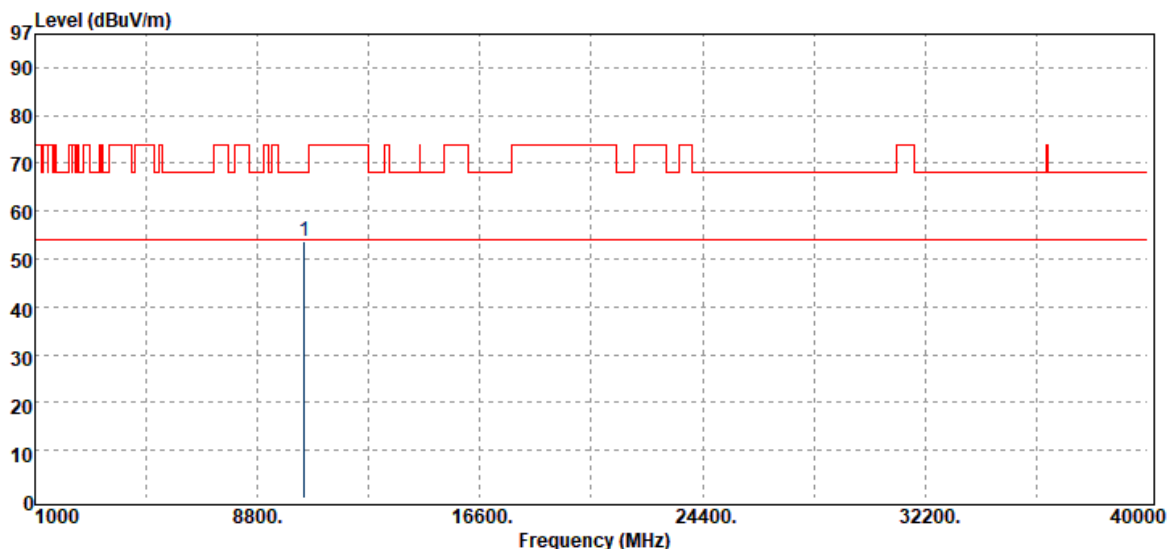
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B1
 Test Channel :5220 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10440.00	Peak	35.12	18.53	53.65	68.20	-14.55

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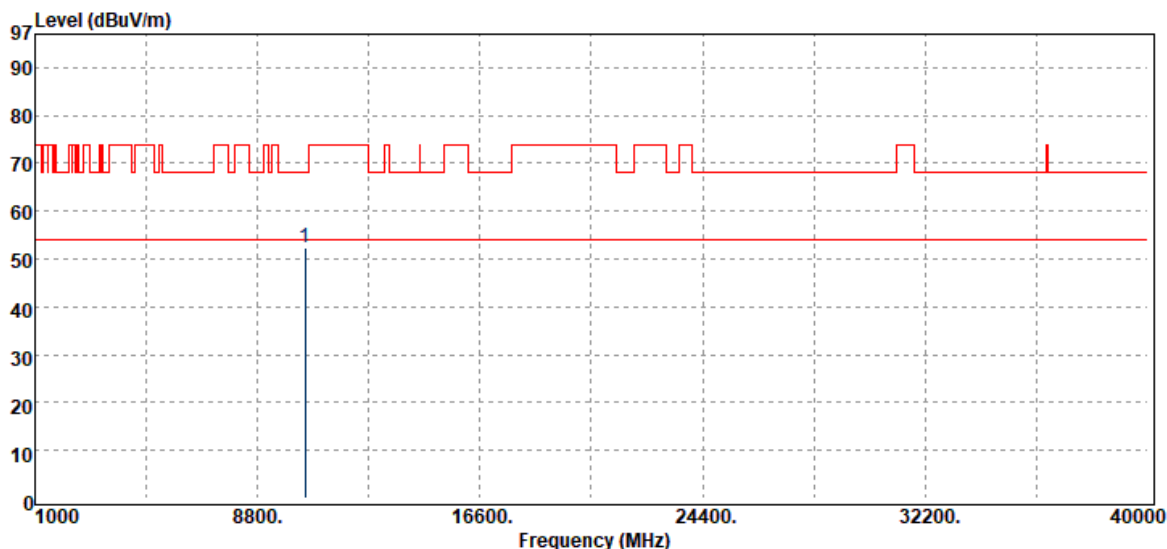
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B1
 Test Channel :5240 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10480.00	Peak	34.45	17.83	52.28	68.20	-15.92

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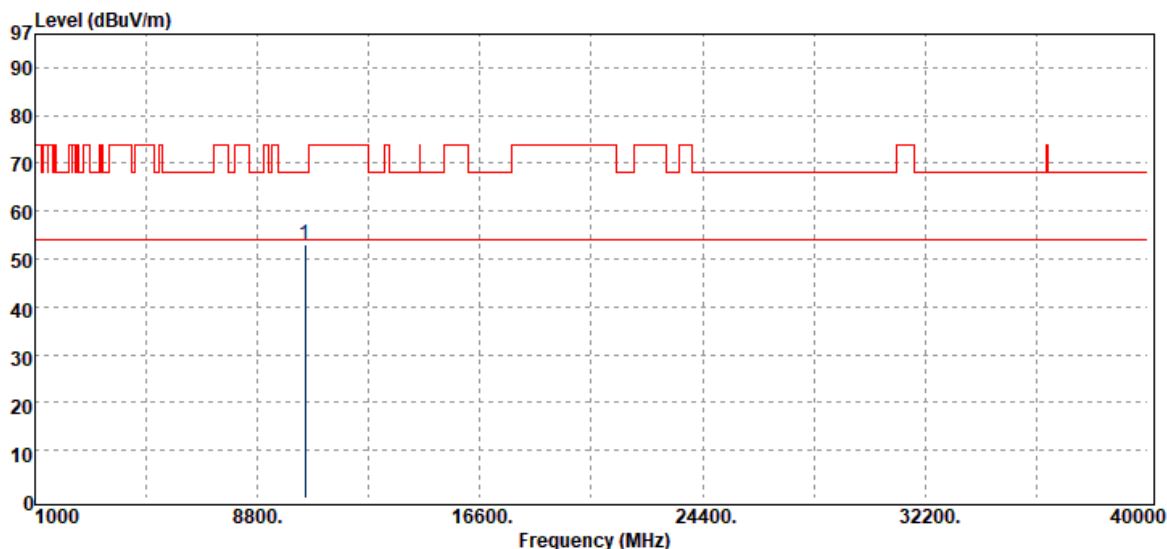
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B1
 Test Channel :5240 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10480.00	Peak	35.13	17.83	52.96	68.20	-15.24

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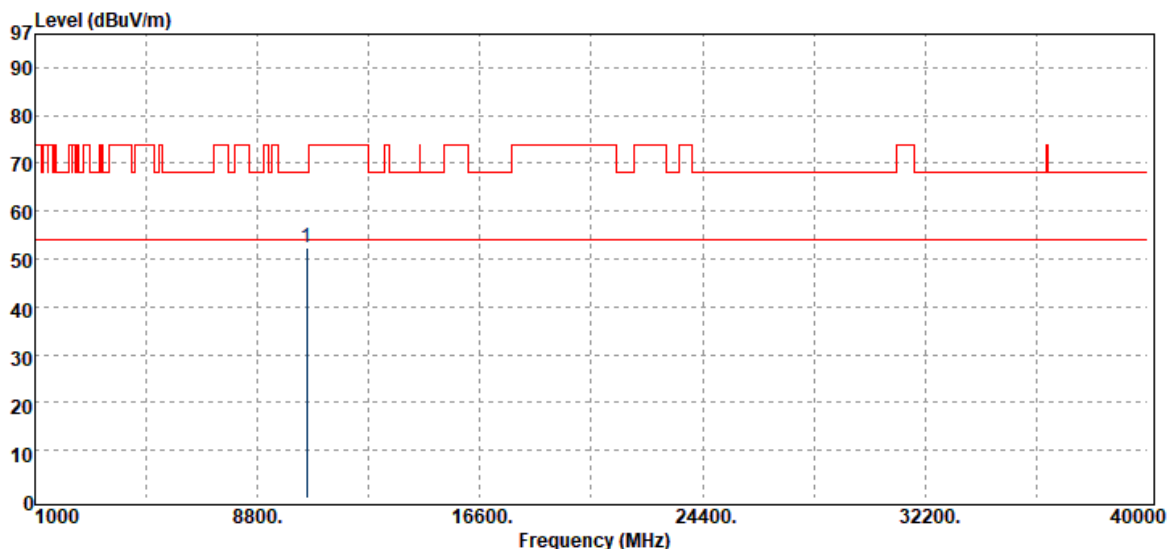
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B2
 Test Channel :5260 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10520.00	Peak	34.29	18.05	52.34	68.20	-15.86

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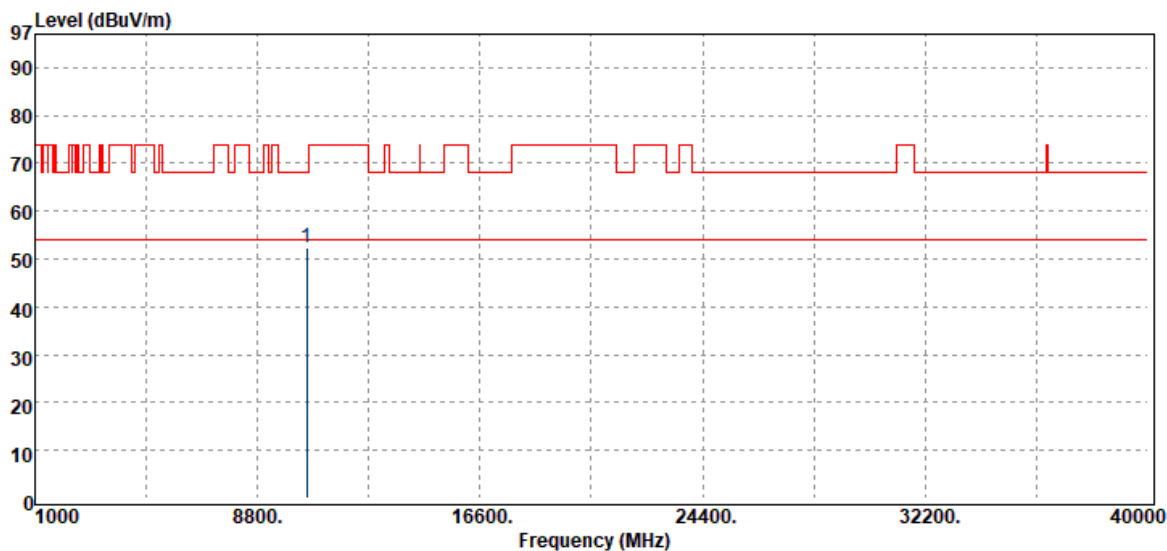
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B2
 Test Channel :5260 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.00	Peak	34.32	18.05	52.37	68.20	-15.83

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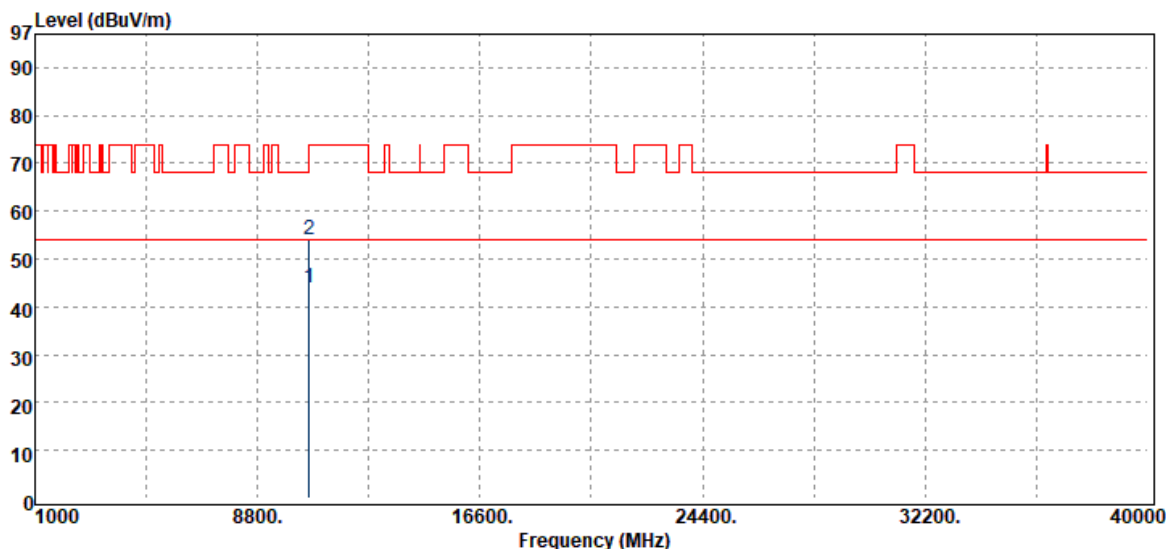
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Report Number :ER/2019/C0048
Operation Mode :802.11n20 B2
Test Channel :5300 MHz
Test Mode :Tx CH Mid
EUT Pol :E2 Plane

Test Date :2020-01-02
Temp./Humi. :21.5/58
Antenna Pol. :VERTICAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10600.00	Average	24.66	19.18	43.84	54.00	-10.16
10600.00	Peak	34.80	19.18	53.98	74.00	-20.02

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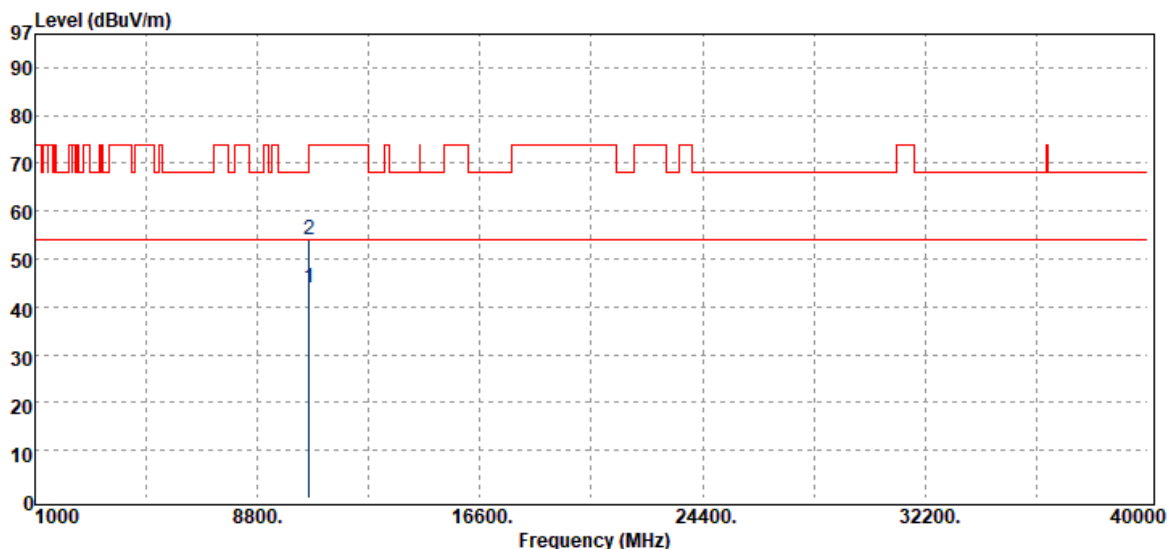
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Report Number :ER/2019/C0048
Operation Mode :802.11n20 B2
Test Channel :5300 MHz
Test Mode :Tx CH Mid
EUT Pol :E2 Plane

Test Date :2020-01-02
Temp./Humi. :21.5/58
Antenna Pol. :HORIZONTAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10600.00	Average	24.68	19.18	43.86	54.00	-10.14
10600.00	Peak	34.96	19.18	54.14	74.00	-19.86

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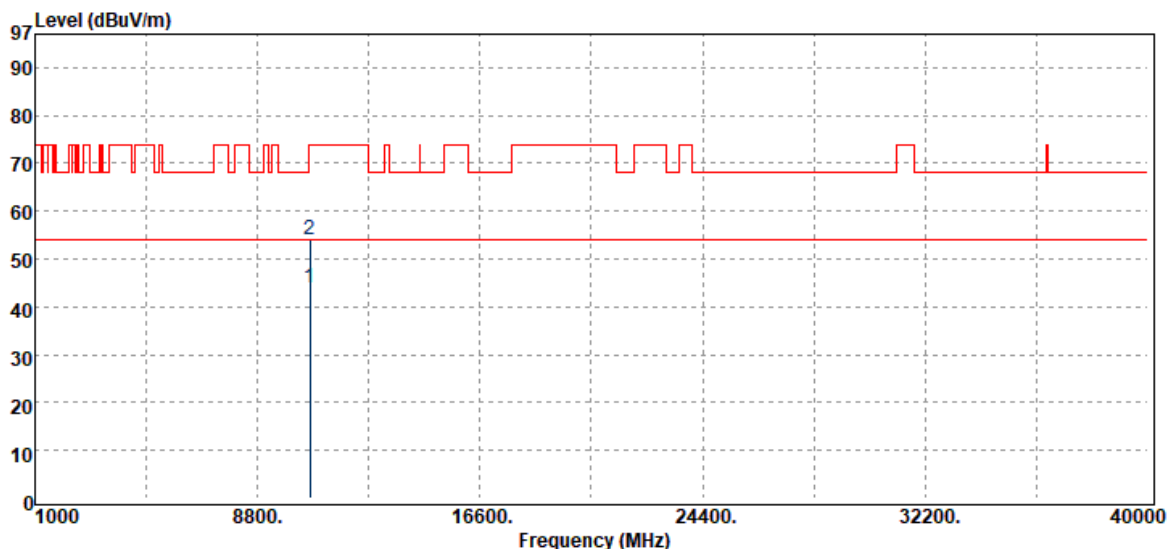
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B2
 Test Channel :5320 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10640.00	Average	24.62	19.49	44.11	54.00	-9.89
10640.00	Peak	34.54	19.49	54.03	74.00	-19.97

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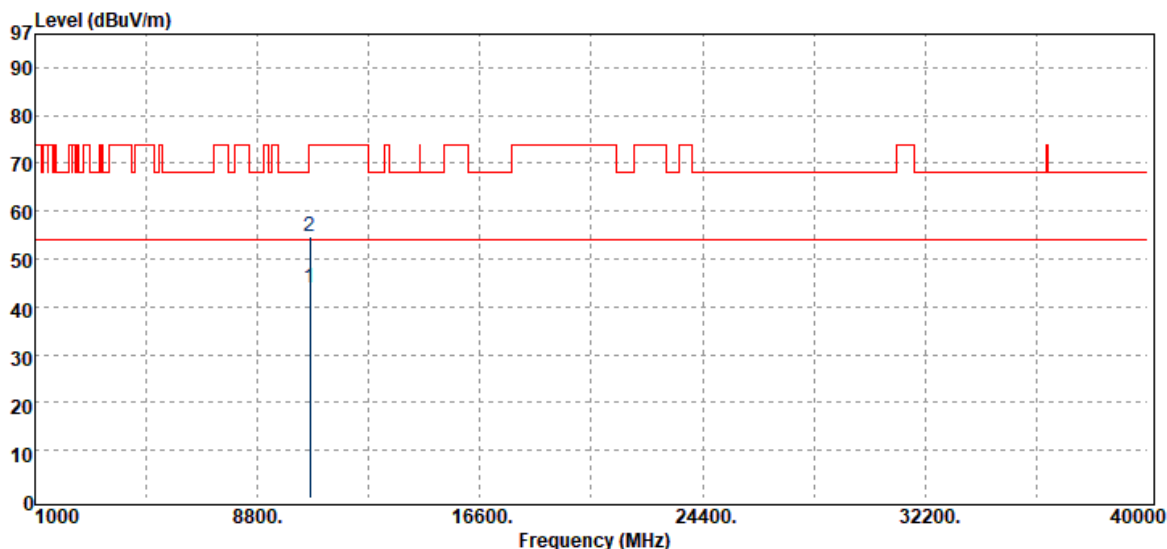
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B2
 Test Channel :5320 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10640.00	Average	24.39	19.49	43.88	54.00	-10.12
10640.00	Peak	35.32	19.49	54.81	74.00	-19.19

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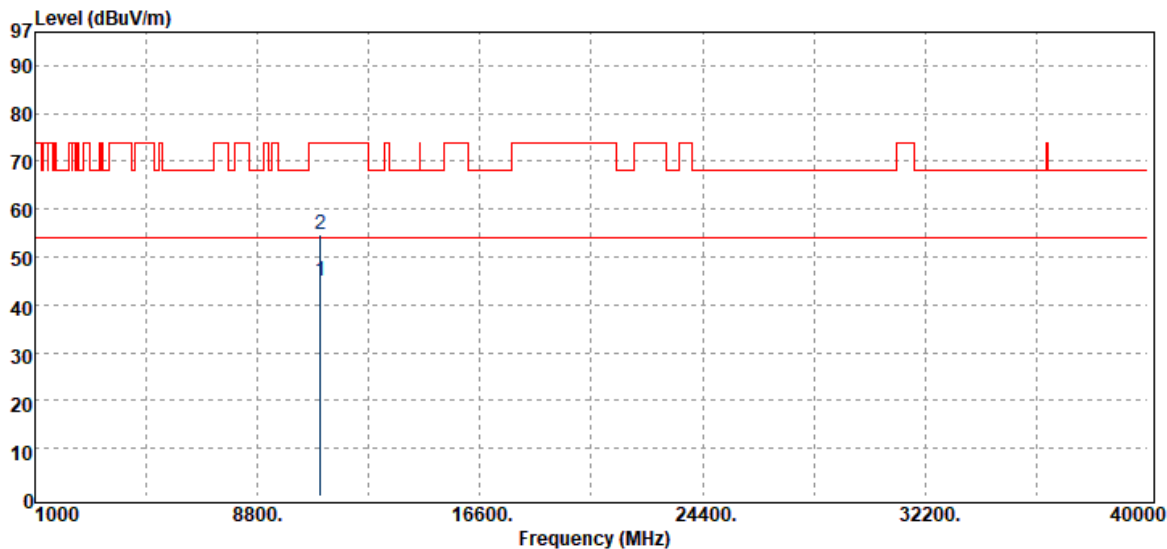
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B3
 Test Channel :5500 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11000.00	Average	24.51	20.49	45.00	54.00	-9.00
11000.00	Peak	34.18	20.49	54.67	74.00	-19.33

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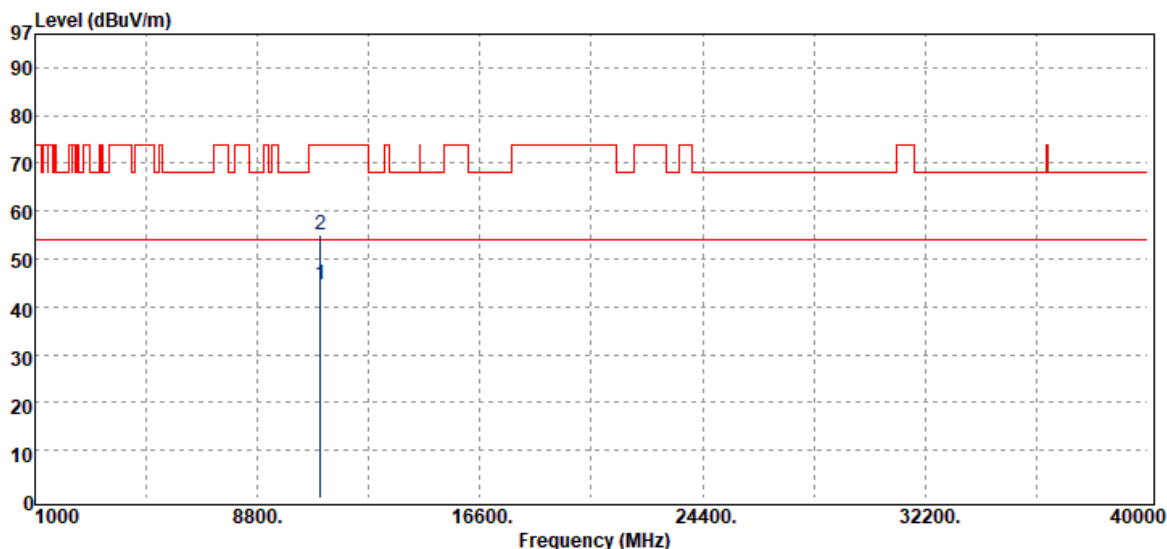
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B3
 Test Channel :5500 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11000.00	Average	24.20	20.49	44.69	54.00	-9.31
11000.00	Peak	34.42	20.49	54.91	74.00	-19.09

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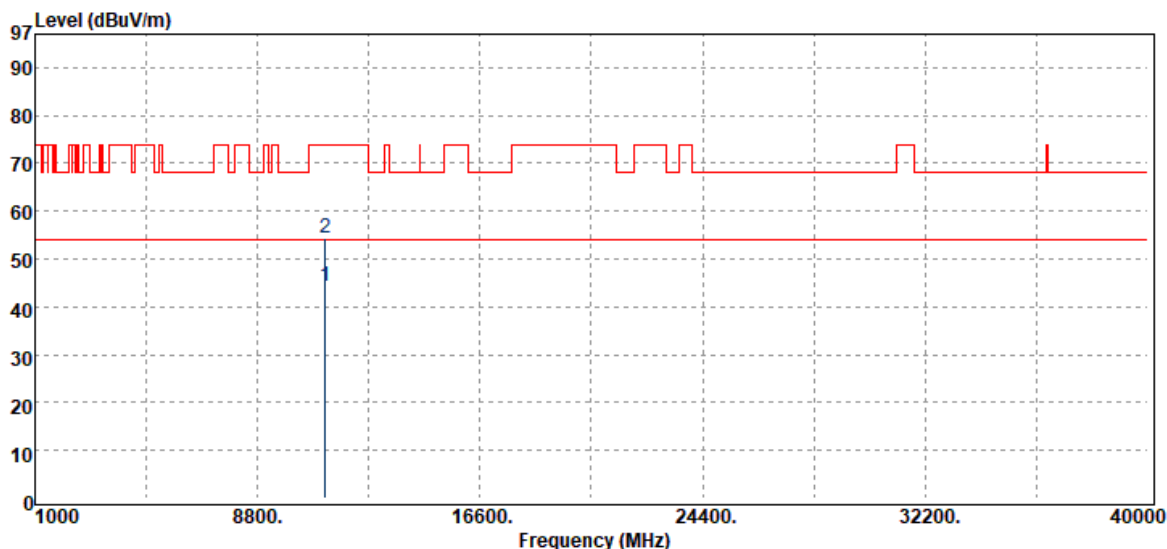
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B3
 Test Channel :5580 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11160.00	Average	24.65	19.71	44.36	54.00	-9.64
11160.00	Peak	34.67	19.71	54.38	74.00	-19.62

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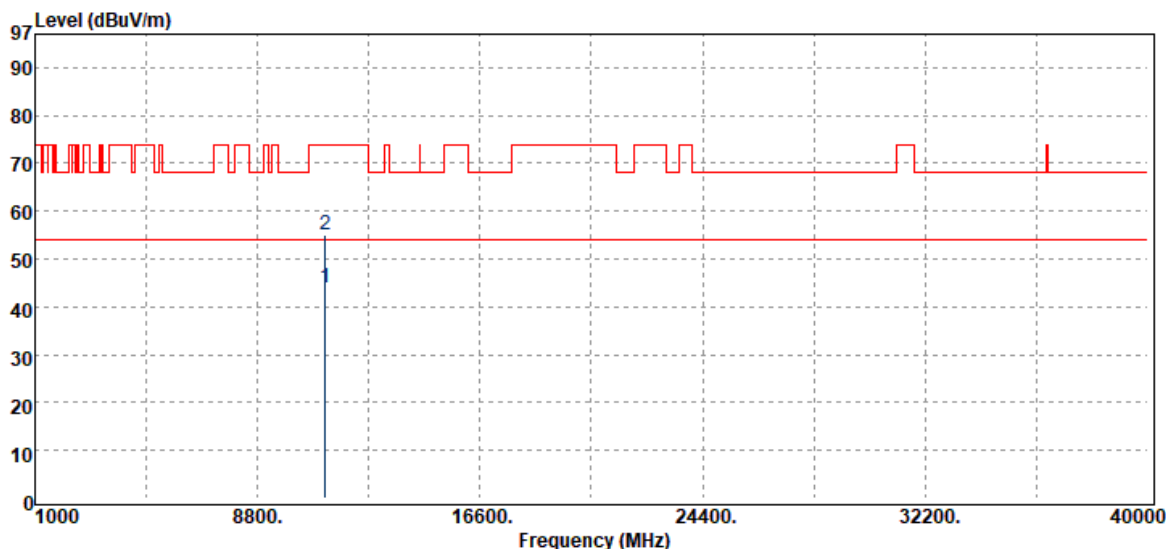
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B3
 Test Channel :5580 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11160.00	Average	24.22	19.71	43.93	54.00	-10.07
11160.00	Peak	35.30	19.71	55.01	74.00	-18.99

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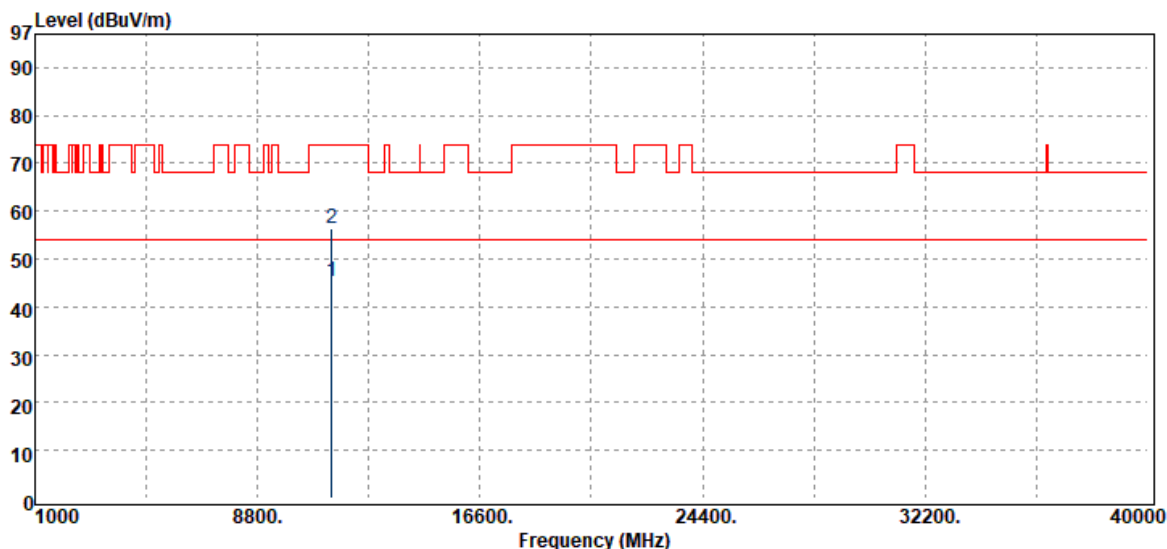
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B3
 Test Channel :5700 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11400.00	Average	24.29	21.10	45.39	54.00	-8.61
11400.00	Peak	35.16	21.10	56.26	74.00	-17.74

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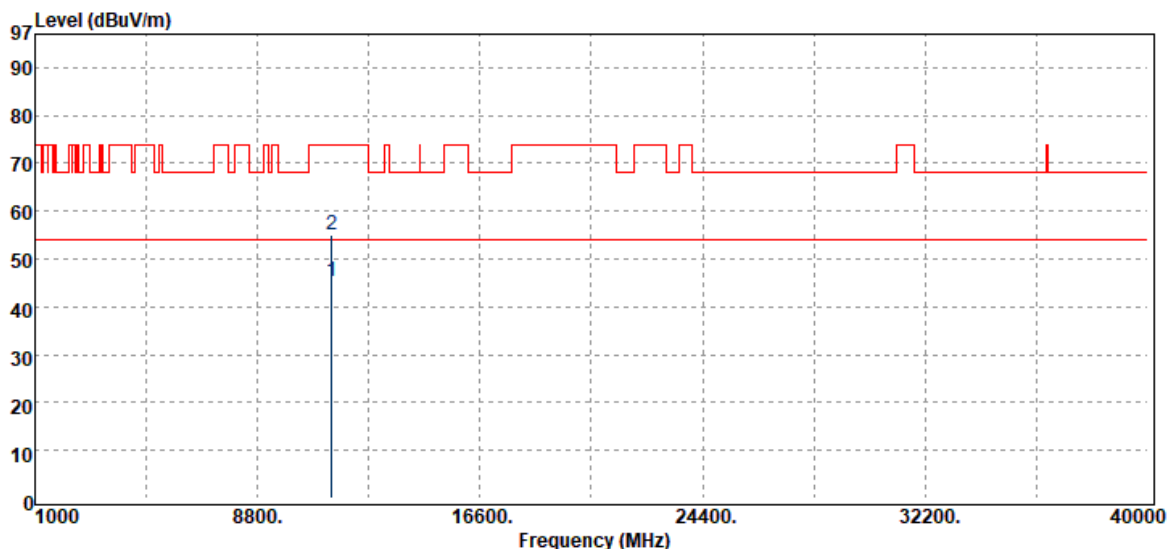
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Report Number :ER/2019/C0048
Operation Mode :802.11n20 B3
Test Channel :5700 MHz
Test Mode :Tx CH High
EUT Pol :E2 Plane

Test Date :2020-01-02
Temp./Humi. :21.5/58
Antenna Pol. :HORIZONTAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11400.00	Average	24.36	21.10	45.46	54.00	-8.54
11400.00	Peak	33.96	21.10	55.06	74.00	-18.94

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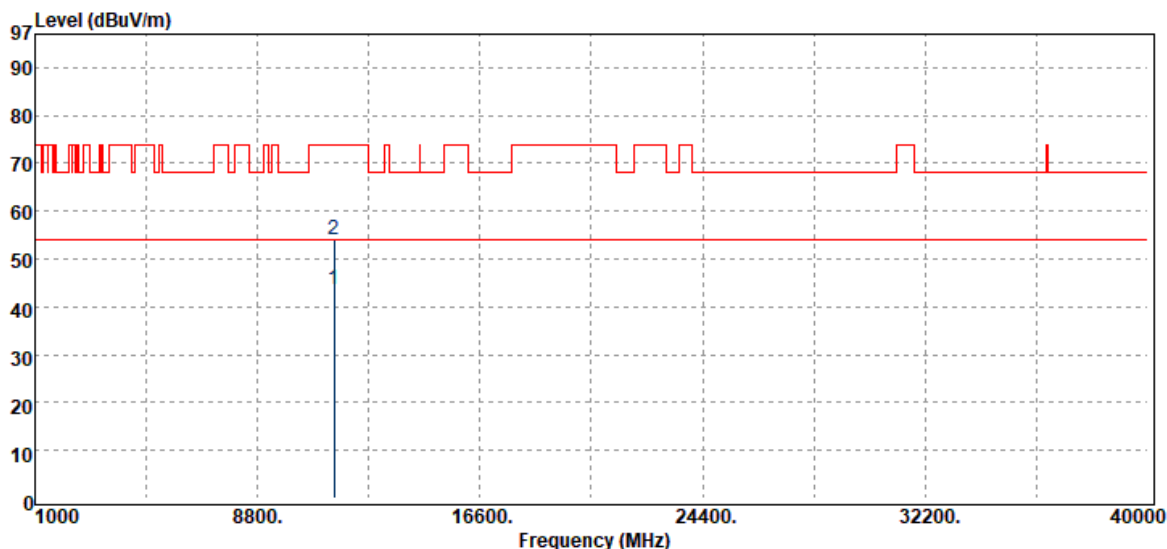
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B4
 Test Channel :5745 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11490.00	Average	24.04	19.66	43.70	54.00	-10.30
11490.00	Peak	34.35	19.66	54.01	74.00	-19.99

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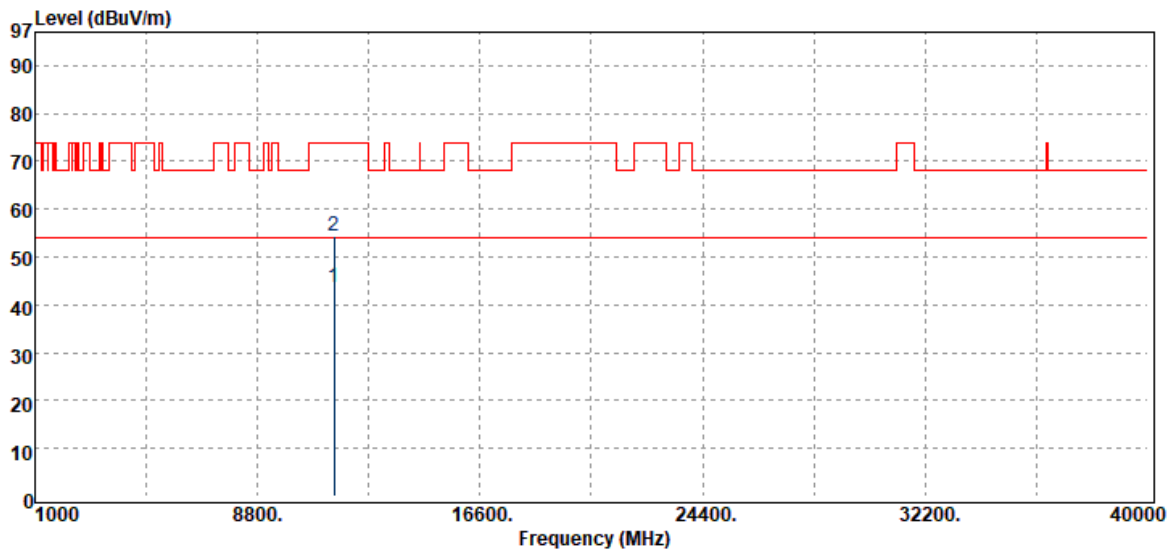
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B4
 Test Channel :5745 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11490.00	Average	23.94	19.66	43.60	54.00	-10.40
11490.00	Peak	34.63	19.66	54.29	74.00	-19.71

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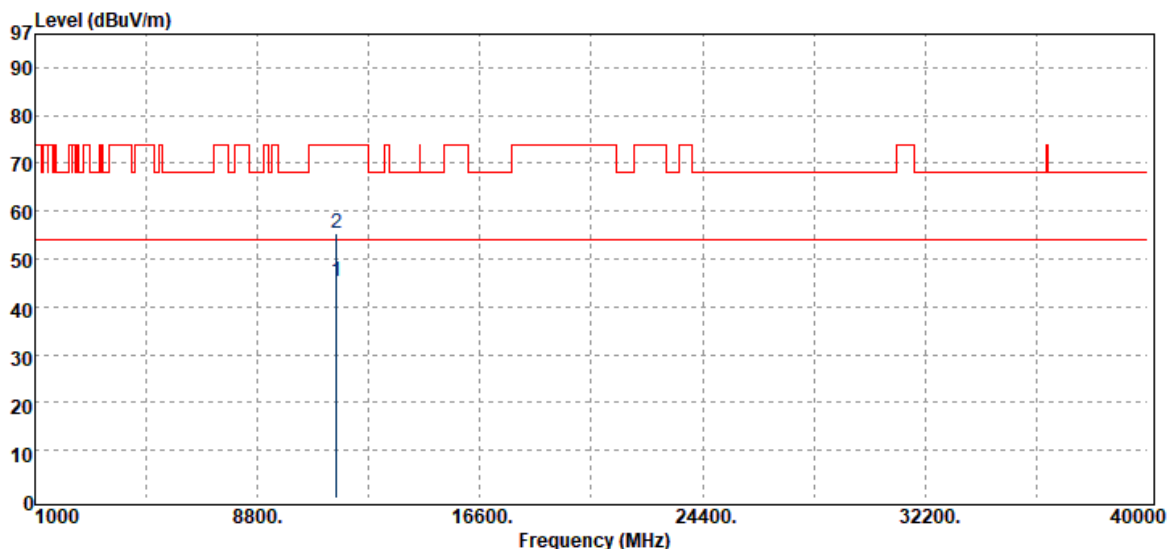
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Report Number :ER/2019/C0048
Operation Mode :802.11n20 B4
Test Channel :5785 MHz
Test Mode :Tx CH Mid
EUT Pol :E2 Plane

Test Date :2020-01-02
Temp./Humi. :21.5/58
Antenna Pol. :VERTICAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11570.00	Average	24.27	20.93	45.20	54.00	-8.80
11570.00	Peak	34.50	20.93	55.43	74.00	-18.57

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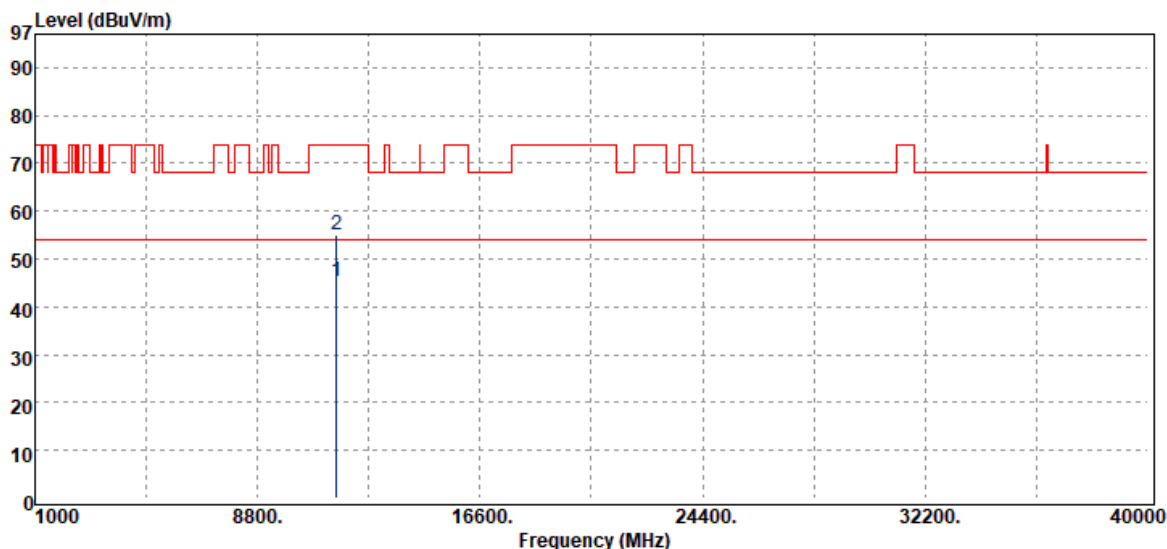
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B4
 Test Channel :5785 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11570.00	Average	24.49	20.93	45.42	54.00	-8.58
11570.00	Peak	34.25	20.93	55.18	74.00	-18.82

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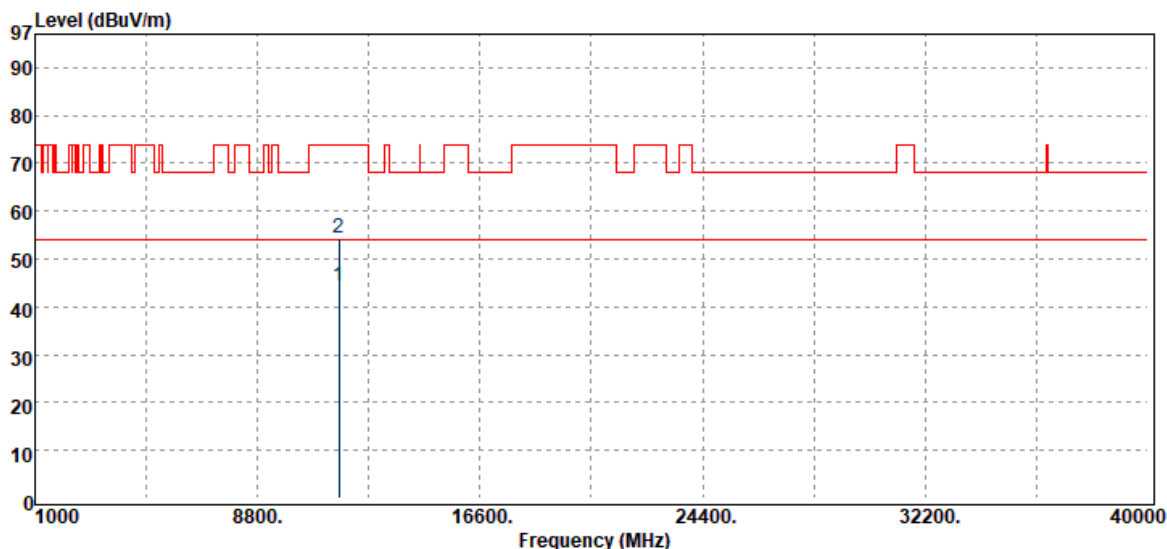
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Report Number :ER/2019/C0048
Operation Mode :802.11n20 B4
Test Channel :5825 MHz
Test Mode :Tx CH High
EUT Pol :E2 Plane

Test Date :2020-01-02
Temp./Humi. :21.5/58
Antenna Pol. :VERTICAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11650.00	Average	24.08	20.07	44.15	54.00	-9.85
11650.00	Peak	34.16	20.07	54.23	74.00	-19.77

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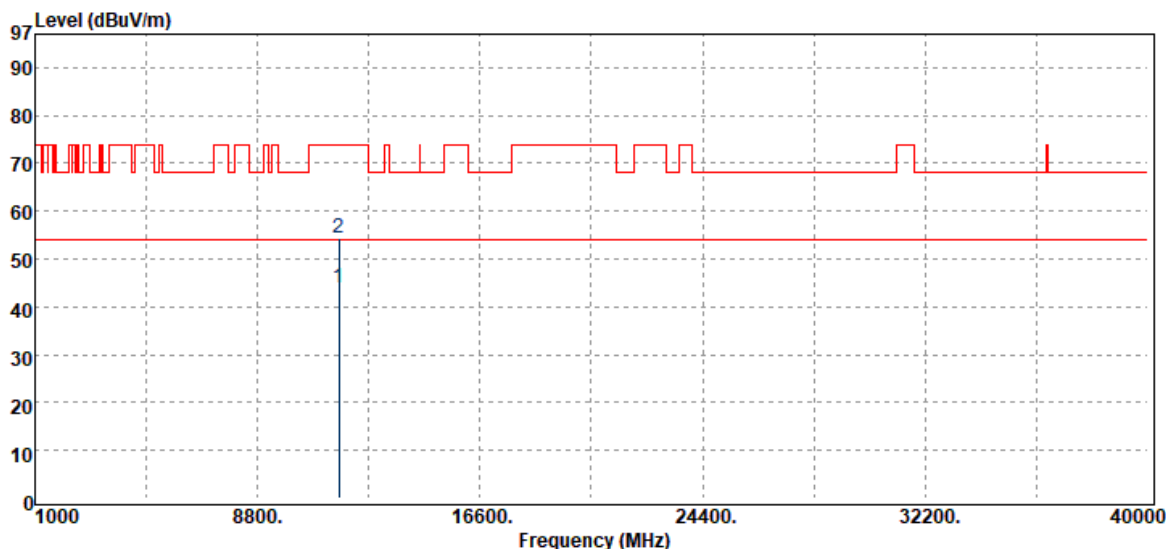
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B4
 Test Channel :5825 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11650.00	Average	23.76	20.07	43.83	54.00	-10.17
11650.00	Peak	34.45	20.07	54.52	74.00	-19.48

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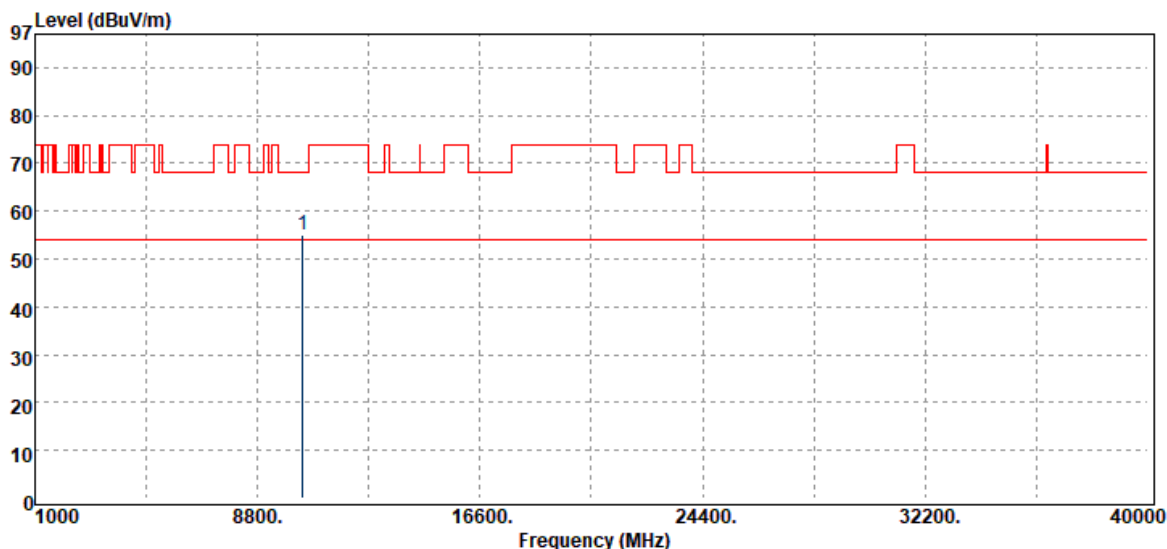
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B1
 Test Channel :5190 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10380.00	Peak	36.05	19.00	55.05	68.20	-13.15

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Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B1
 Test Channel :5190 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10380.00	Peak	36.24	19.00	55.24	68.20	-12.96

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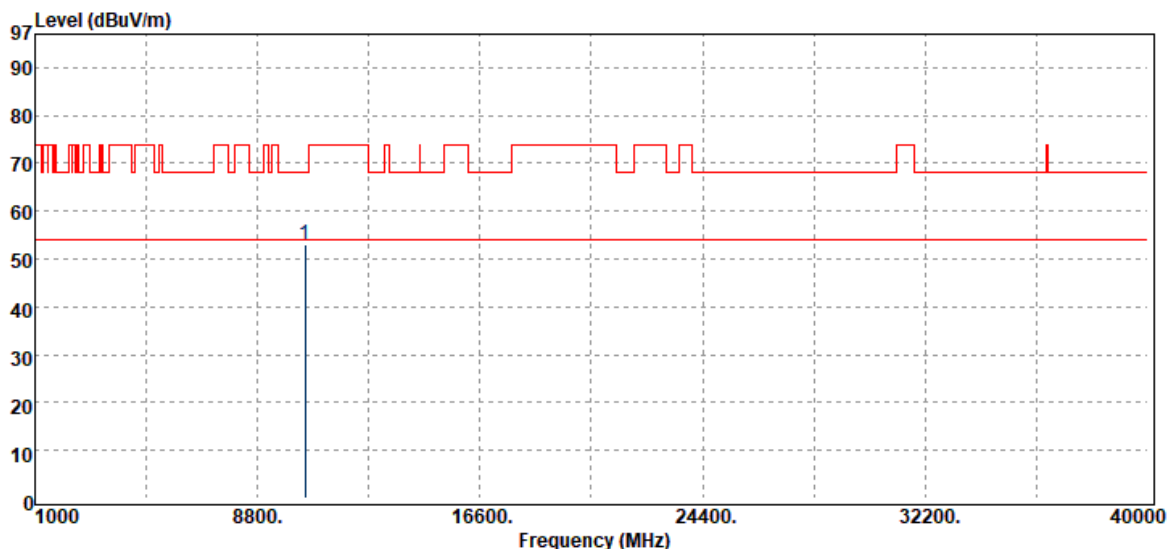
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Report Number :ER/2019/C0048
Operation Mode :802.11n40 B1
Test Channel :5230 MHz
Test Mode :Tx CH High
EUT Pol :E2 Plane

Test Date :2020-01-02
Temp./Humi. :21.5/58
Antenna Pol. :VERTICAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10460.00	Peak	34.92	18.11	53.03	68.20	-15.17

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Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B1
 Test Channel :5230 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10460.00	Peak	35.21	18.11	53.32	68.20	-14.88

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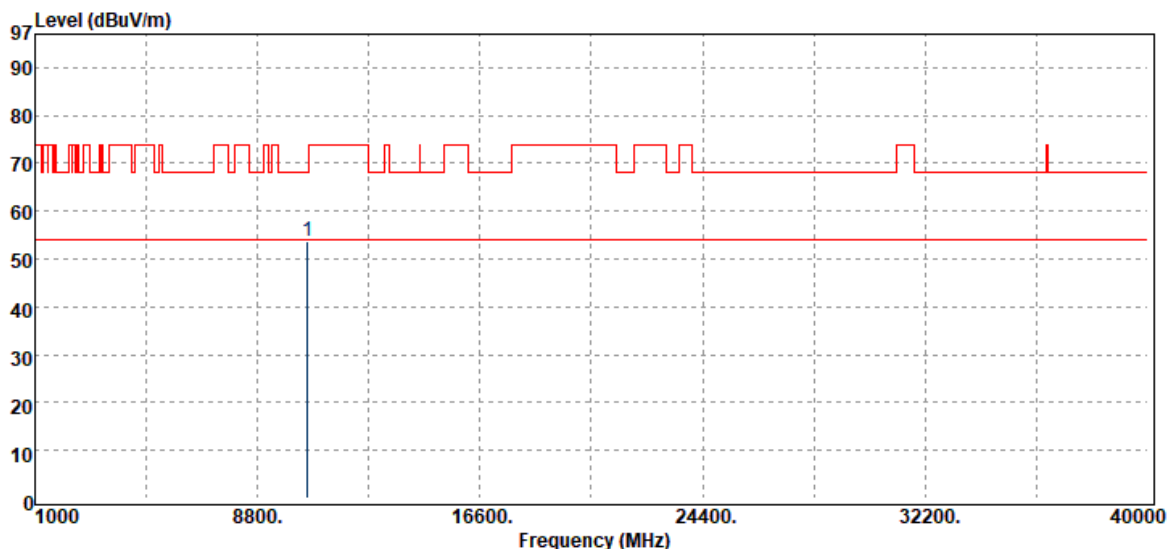
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B2
 Test Channel :5270 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10540.00	Peak	35.45	18.38	53.83	68.20	-14.37

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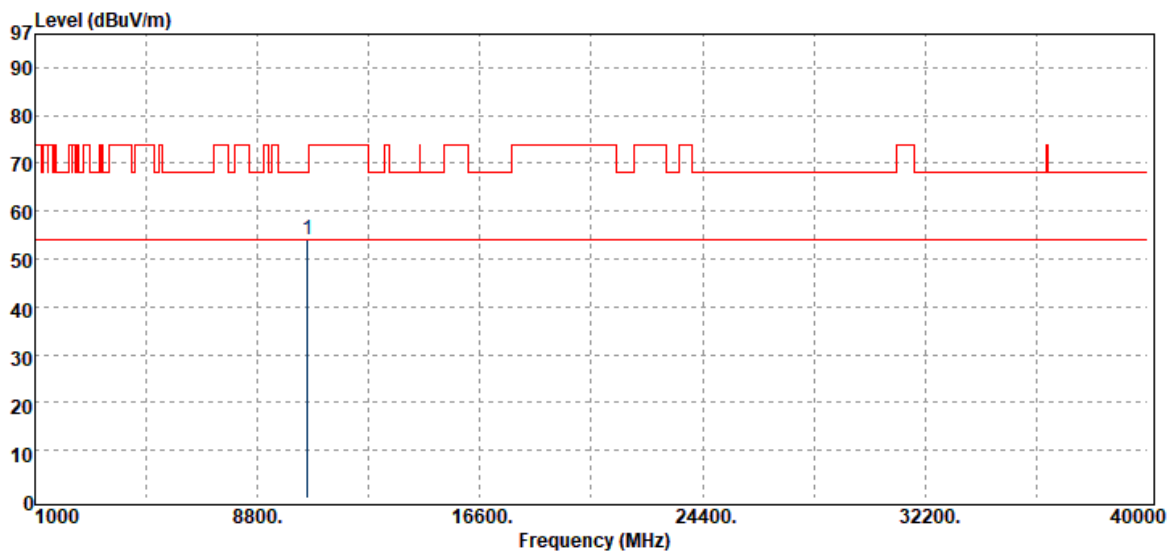
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B2
 Test Channel :5270 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10540.00	Peak	35.50	18.38	53.88	68.20	-14.32

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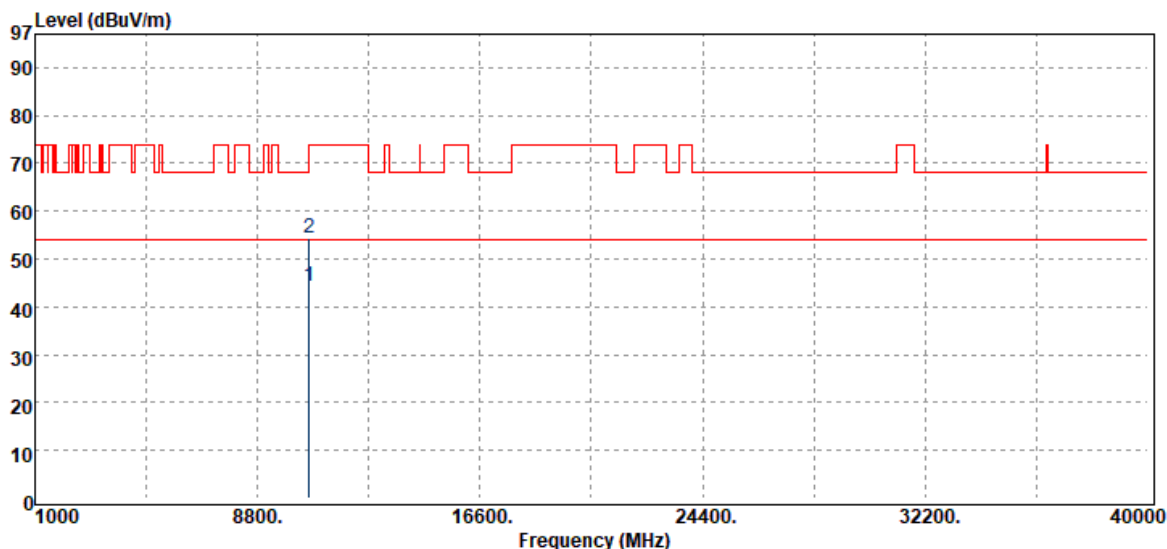
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B2
 Test Channel :5310 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10620.00	Average	25.14	19.33	44.47	54.00	-9.53
10620.00	Peak	34.89	19.33	54.22	74.00	-19.78

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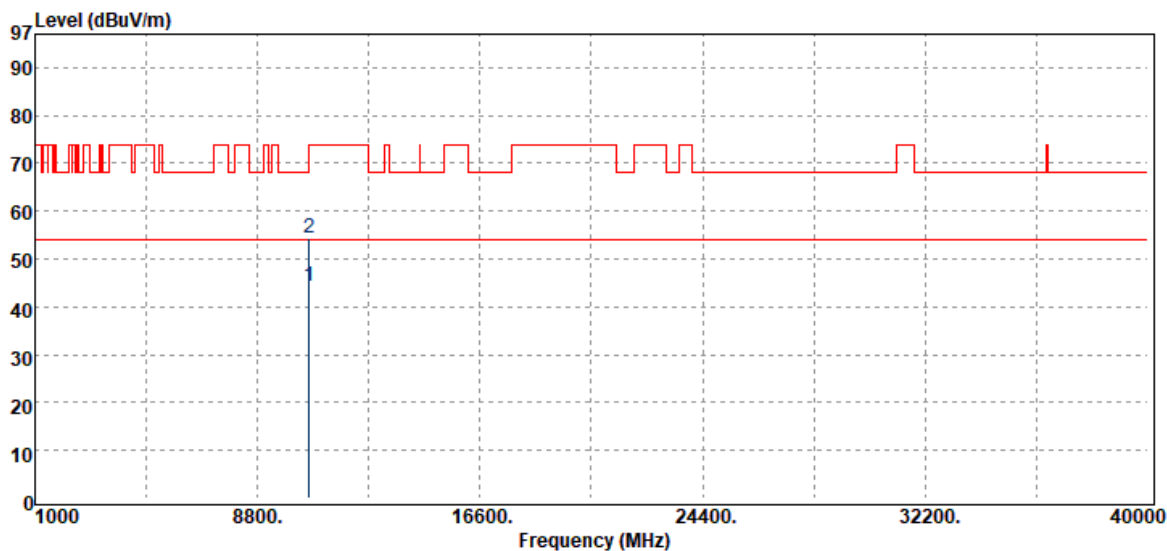
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B2
 Test Channel :5310 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10620.00	Average	25.03	19.33	44.36	54.00	-9.64
10620.00	Peak	35.14	19.33	54.47	74.00	-19.53

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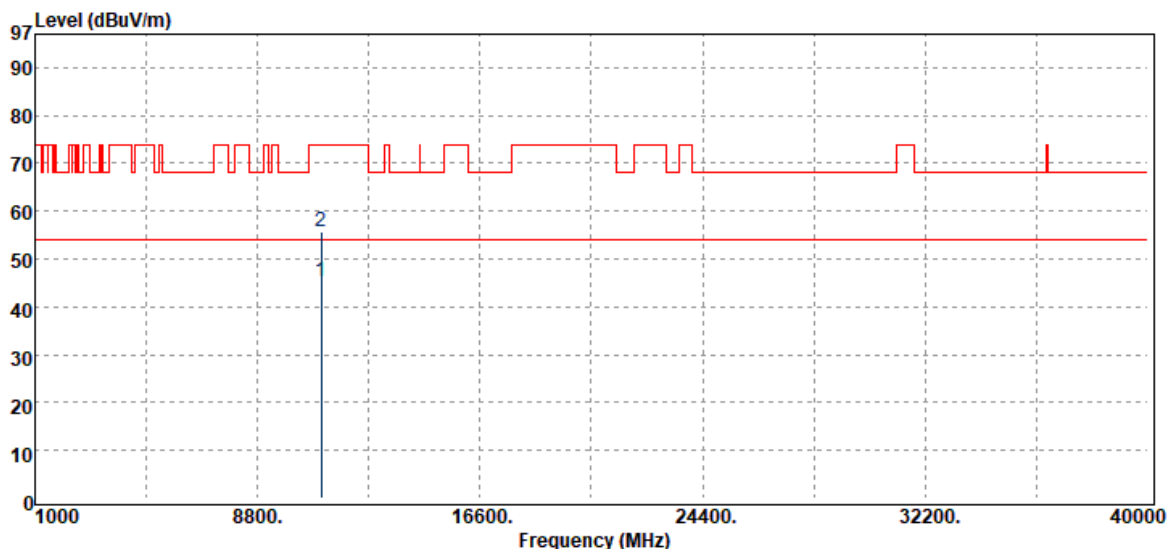
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Report Number :ER/2019/C0048
Operation Mode :802.11n40 B3
Test Channel :5510 MHz
Test Mode :Tx CH Low
EUT Pol :E2 Plane

Test Date :2020-01-02
Temp./Humi. :21.5/58
Antenna Pol. :VERTICAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11020.00	Average	24.72	20.69	45.41	54.00	-8.59
11020.00	Peak	34.87	20.69	55.56	74.00	-18.44

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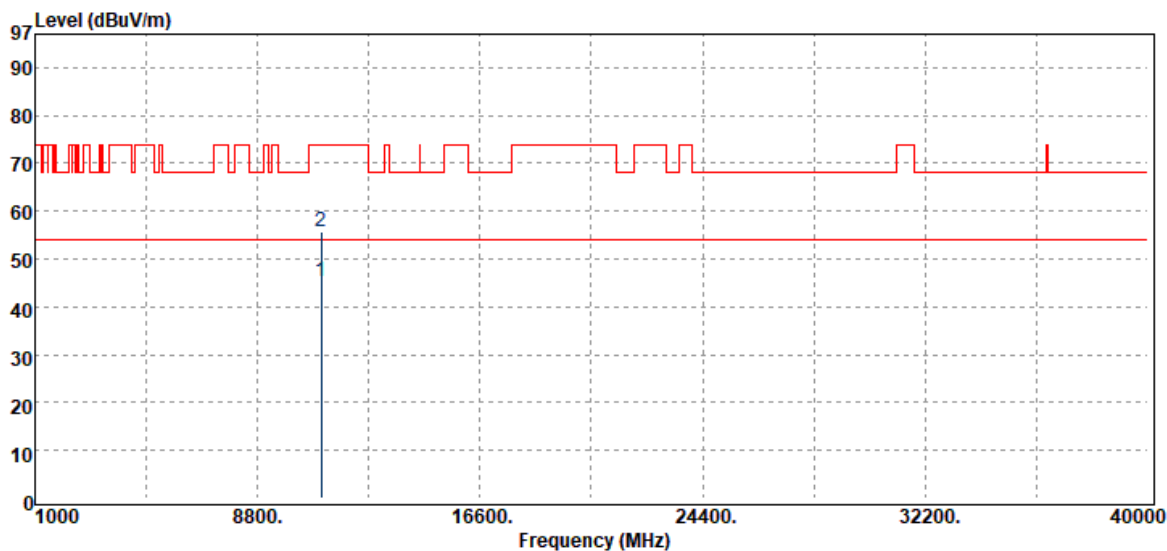
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Report Number :ER/2019/C0048
Operation Mode :802.11n40 B3
Test Channel :5510 MHz
Test Mode :Tx CH Low
EUT Pol :E2 Plane

Test Date :2020-01-02
Temp./Humi. :21.5/58
Antenna Pol. :HORIZONTAL
Engineer :Kane



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
11020.00	Average	24.53	20.69	45.22	54.00	-8.78
11020.00	Peak	34.95	20.69	55.64	74.00	-18.36

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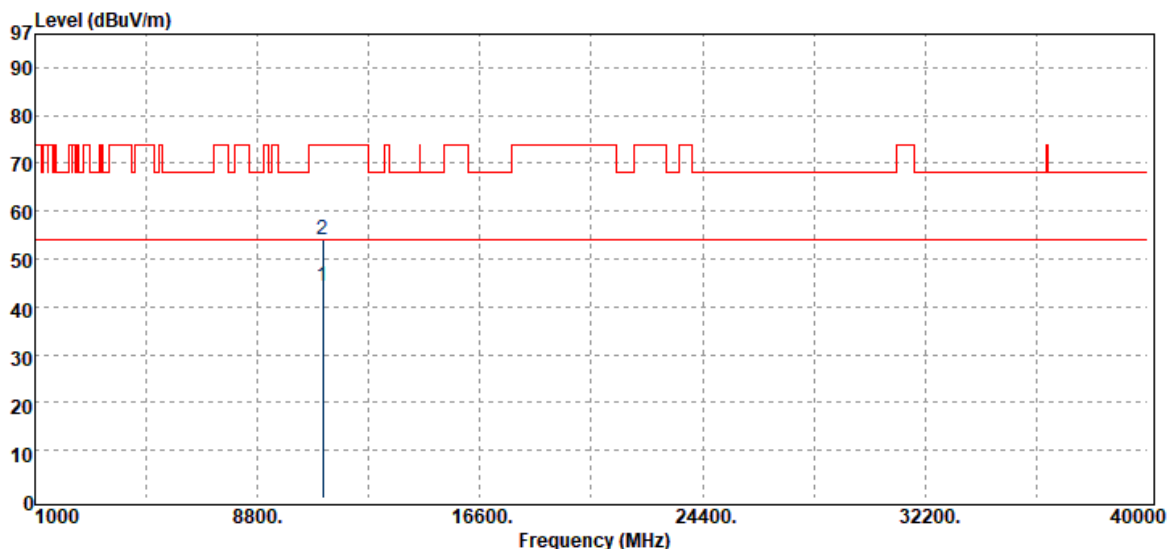
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B3
 Test Channel :5550 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11100.00	Average	24.50	19.75	44.25	54.00	-9.75
11100.00	Peak	34.43	19.75	54.18	74.00	-19.82

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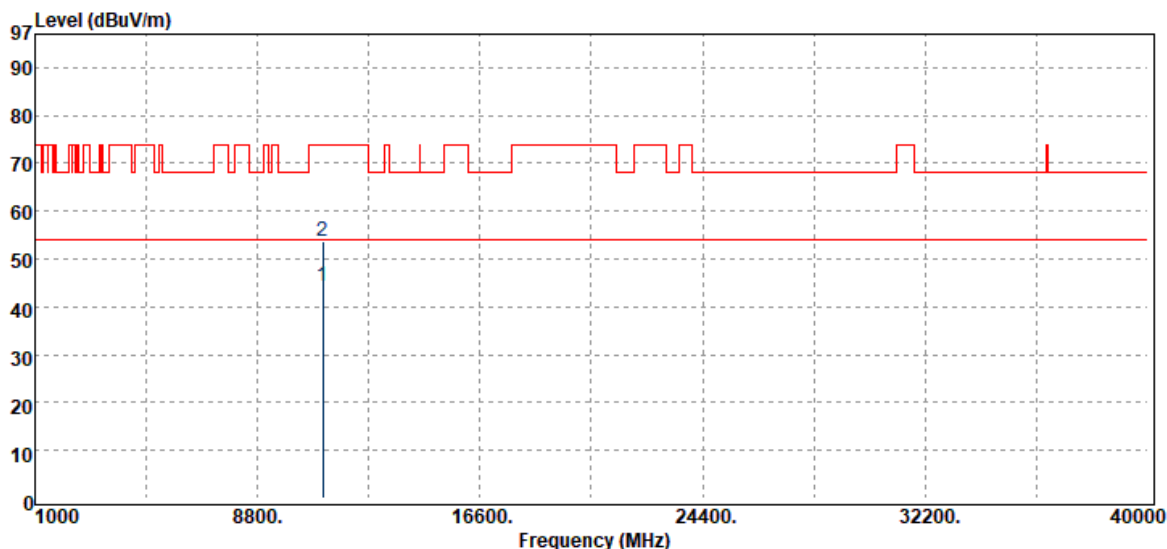
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B3
 Test Channel :5550 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11100.00	Average	24.45	19.75	44.20	54.00	-9.80
11100.00	Peak	33.99	19.75	53.74	74.00	-20.26

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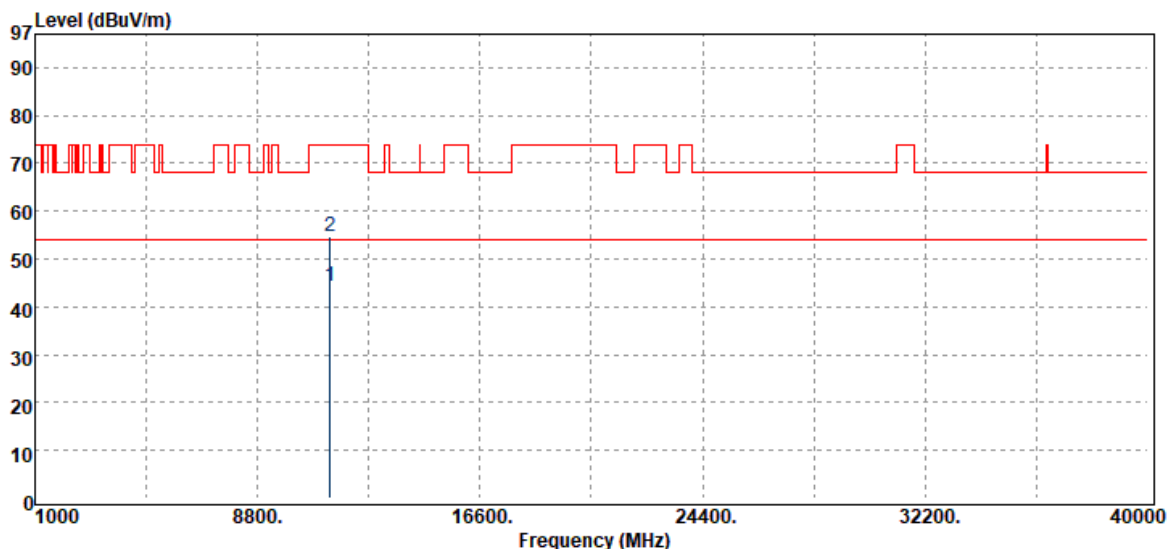
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Member of SGS Group

Report Number :ER/2019/C0048
Operation Mode :802.11n40 B3
Test Channel :5670 MHz
Test Mode :Tx CH High
EUT Pol :E2 Plane

Test Date :2020-01-02
Temp./Humi. :21.5/58
Antenna Pol. :VERTICAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11340.00	Average	24.48	19.73	44.21	54.00	-9.79
11340.00	Peak	34.95	19.73	54.68	74.00	-19.32

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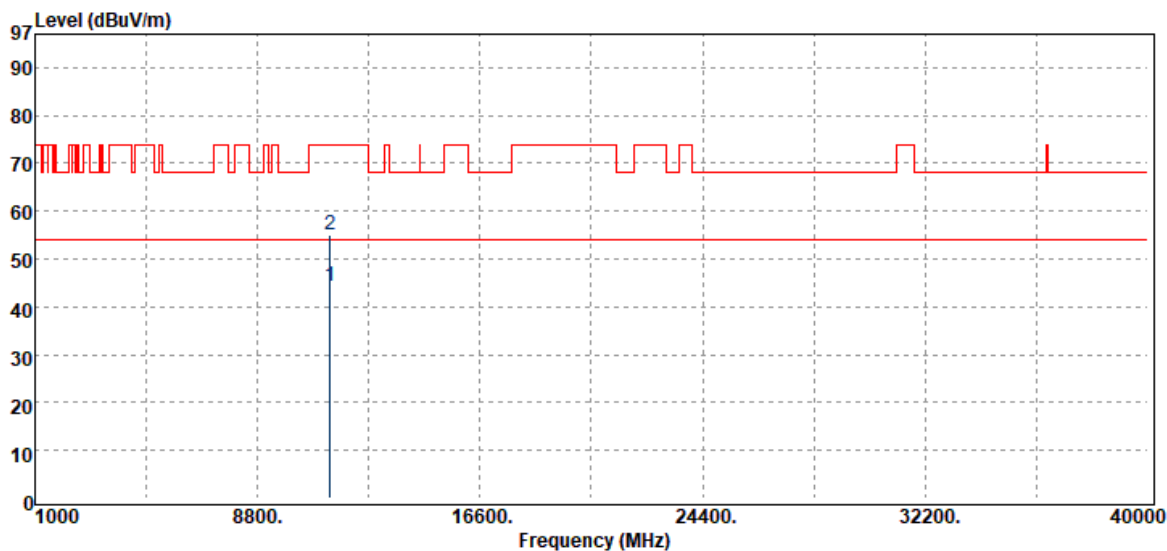
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B3
 Test Channel :5670 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11340.00	Average	24.62	19.73	44.35	54.00	-9.65
11340.00	Peak	35.45	19.73	55.18	74.00	-18.82

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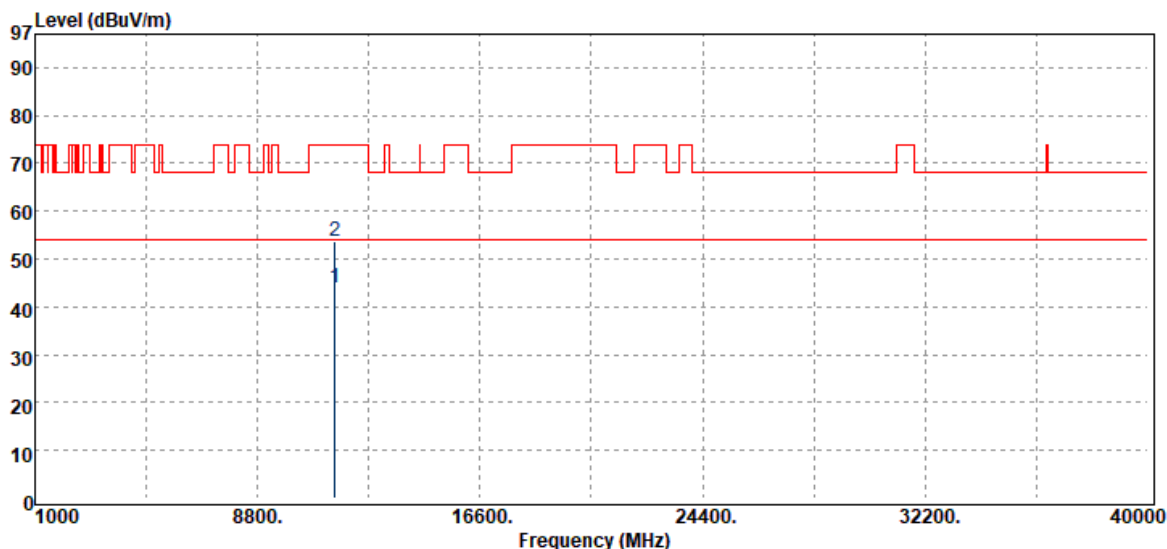
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B4
 Test Channel :5755 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11510.00	Average	24.18	19.78	43.96	54.00	-10.04
11510.00	Peak	34.07	19.78	53.85	74.00	-20.15

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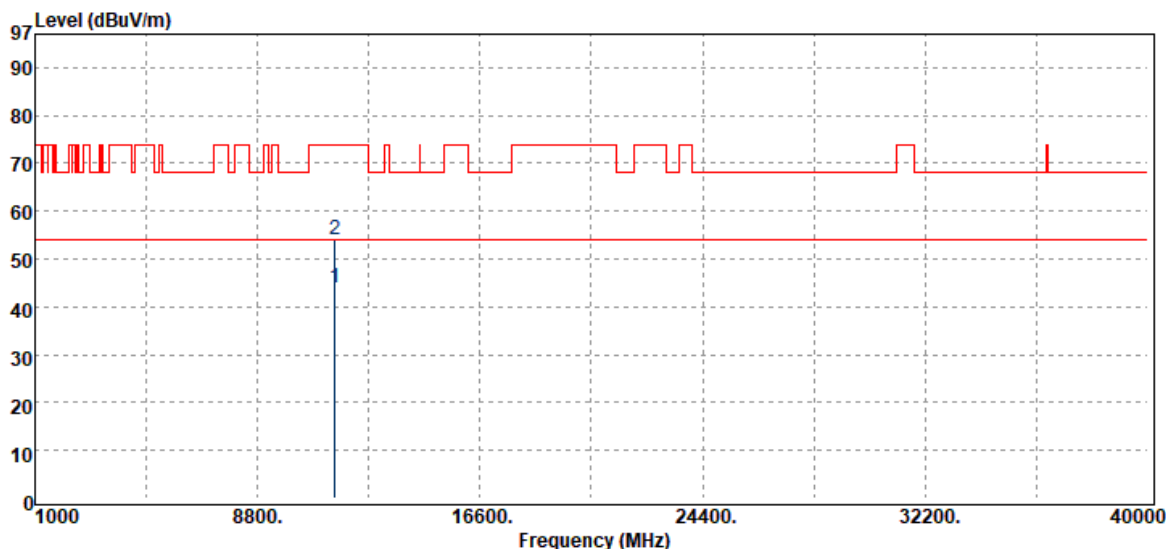
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B4
 Test Channel :5755 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11510.00	Average	24.12	19.78	43.90	54.00	-10.10
11510.00	Peak	34.32	19.78	54.10	74.00	-19.90

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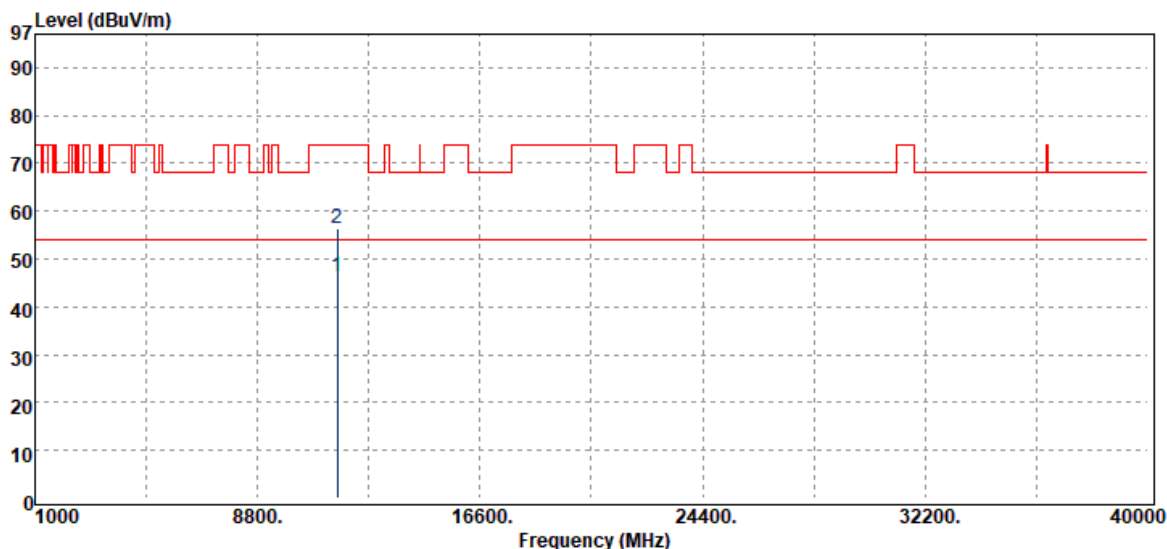
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B4
 Test Channel :5795 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11590.00	Average	24.90	21.38	46.28	54.00	-7.72
11590.00	Peak	34.88	21.38	56.26	74.00	-17.74

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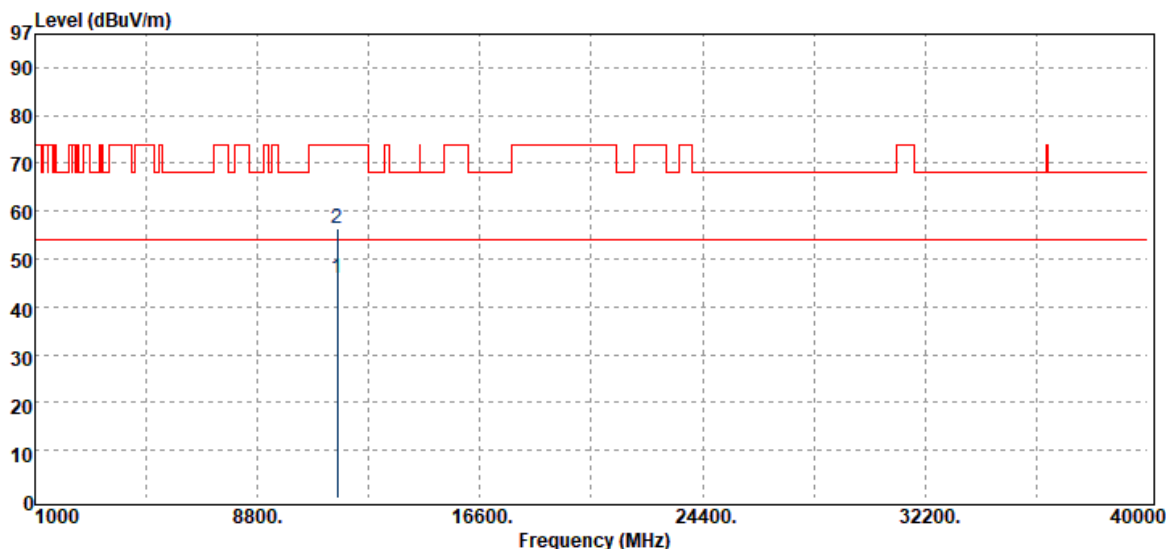
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Report Number :ER/2019/C0048
Operation Mode :802.11n40 B4
Test Channel :5795 MHz
Test Mode :Tx CH High
EUT Pol :E2 Plane

Test Date :2020-01-02
Temp./Humi. :21.5/58
Antenna Pol. :HORIZONTAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11590.00	Average	24.55	21.38	45.93	54.00	-8.07
11590.00	Peak	35.11	21.38	56.49	74.00	-17.51

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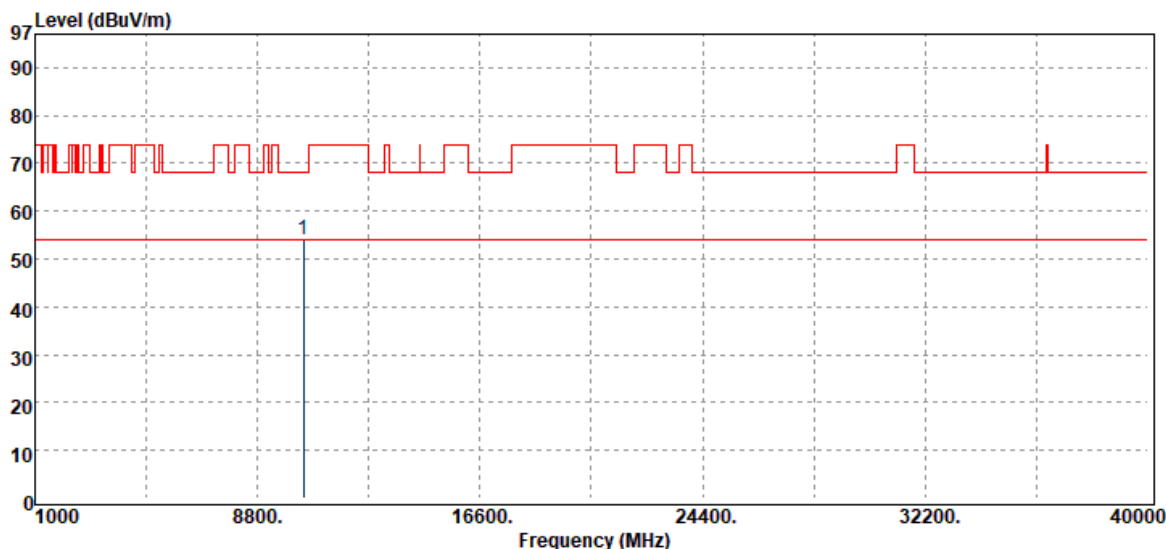
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80 B1
 Test Channel :5210 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10420.00	Peak	34.95	18.93	53.88	68.20	-14.32

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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80 B1
 Test Channel :5210 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10420.00	Peak	35.36	18.93	54.29	68.20	-13.91

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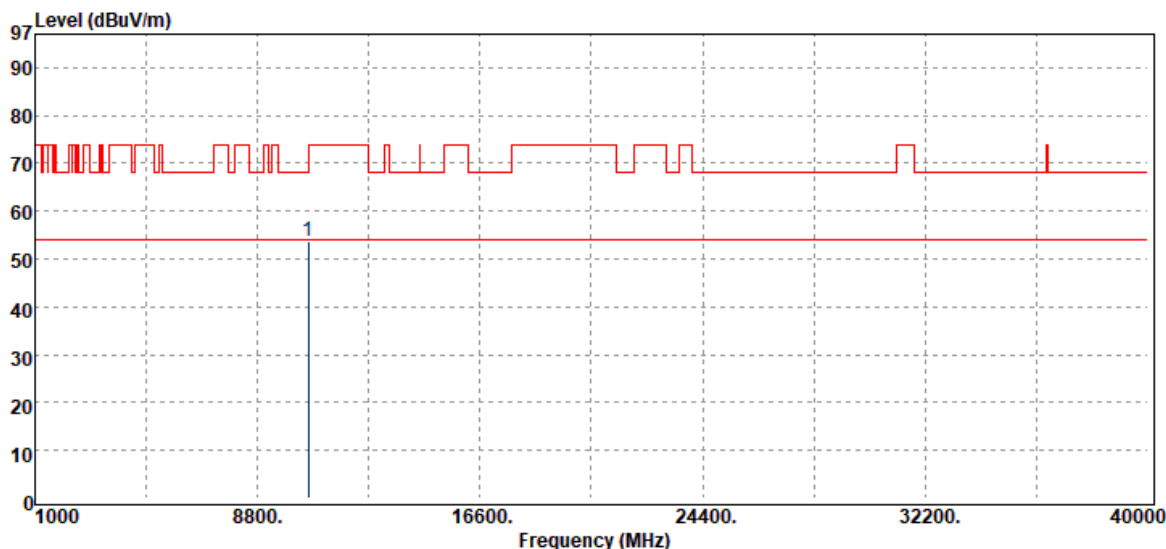
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Member of SGS Group

Report Number :ER/2019/C0048
 Operation Mode :802.11ac80 B2
 Test Channel :5290 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10580.00	Peak	34.76	18.85	53.61	68.20	-14.59

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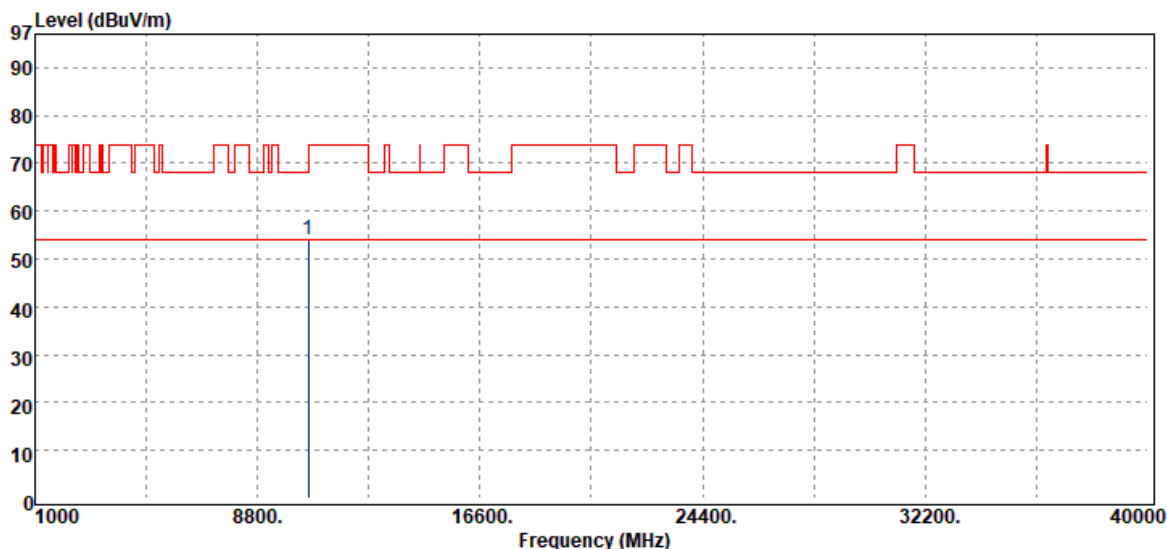
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80 B2
 Test Channel :5290 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10580.00	Peak	35.25	18.85	54.10	68.20	-14.10

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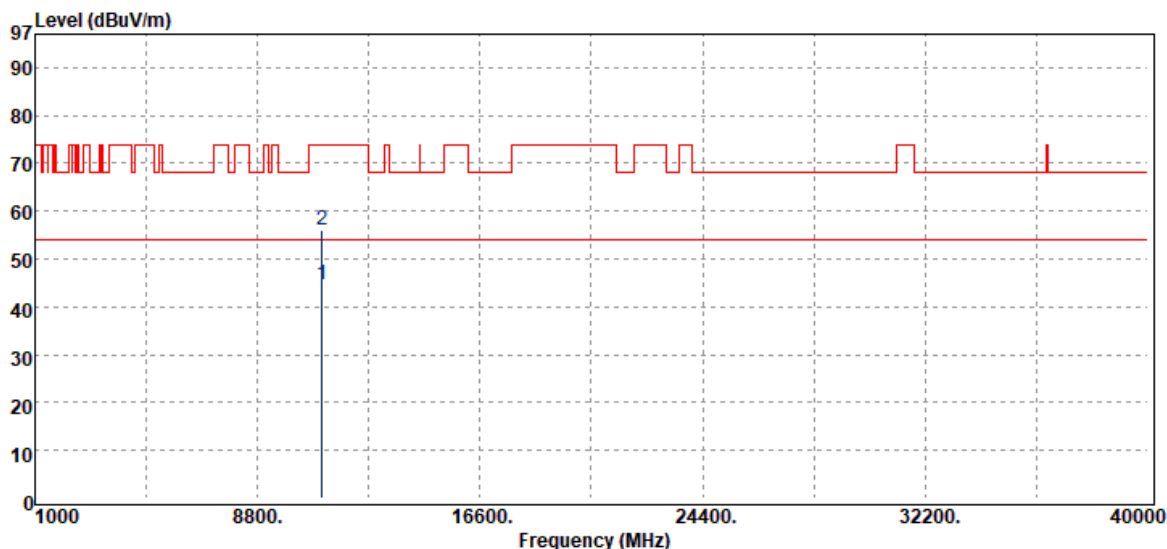
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80 B3
 Test Channel :5530 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11060.00	Average	24.58	20.19	44.77	54.00	-9.23
11060.00	Peak	35.93	20.19	56.12	74.00	-17.88

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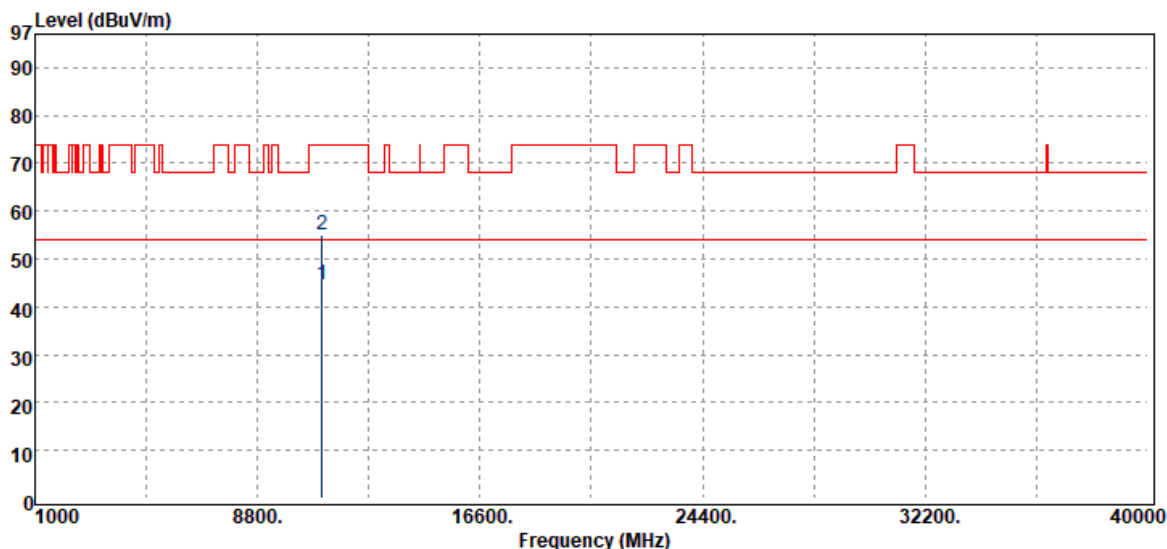
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Report Number :ER/2019/C0048
Operation Mode :802.11ac80 B3
Test Channel :5530 MHz
Test Mode :Tx CH Low
EUT Pol :E2 Plane

Test Date :2020-01-02
Temp./Humi. :21.5/58
Antenna Pol. :HORIZONTAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11060.00	Average	24.33	20.19	44.52	54.00	-9.48
11060.00	Peak	34.71	20.19	54.90	74.00	-19.10

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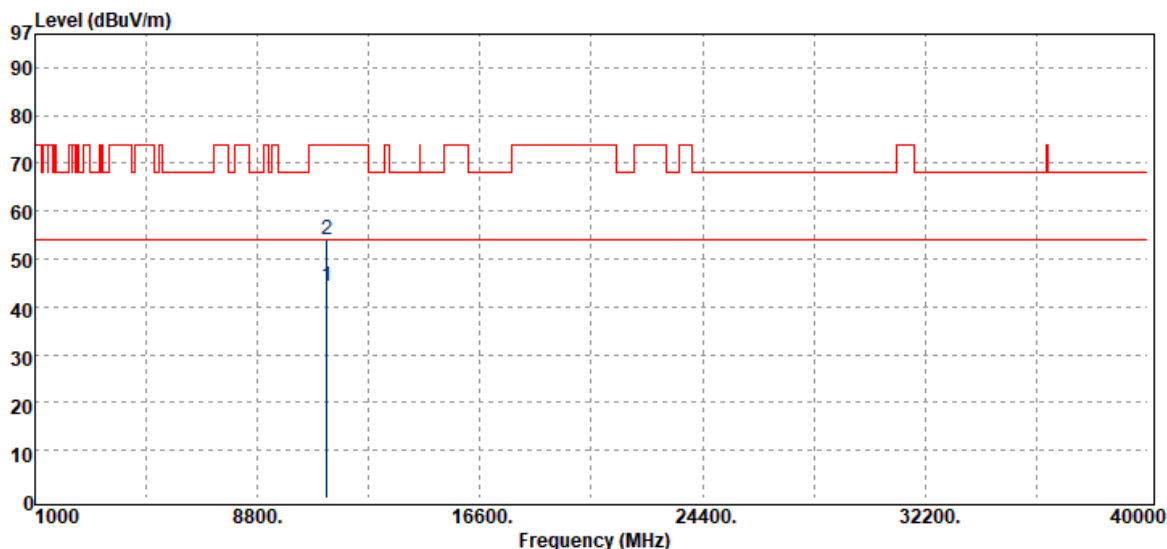
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Report Number :ER/2019/C0048
Operation Mode :802.11ac80 B3
Test Channel :5610 MHz
Test Mode :Tx CH High
EUT Pol :E2 Plane

Test Date :2020-01-02
Temp./Humi. :21.5/58
Antenna Pol. :VERTICAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11220.00	Average	24.51	19.80	44.31	54.00	-9.69
11220.00	Peak	34.33	19.80	54.13	74.00	-19.87

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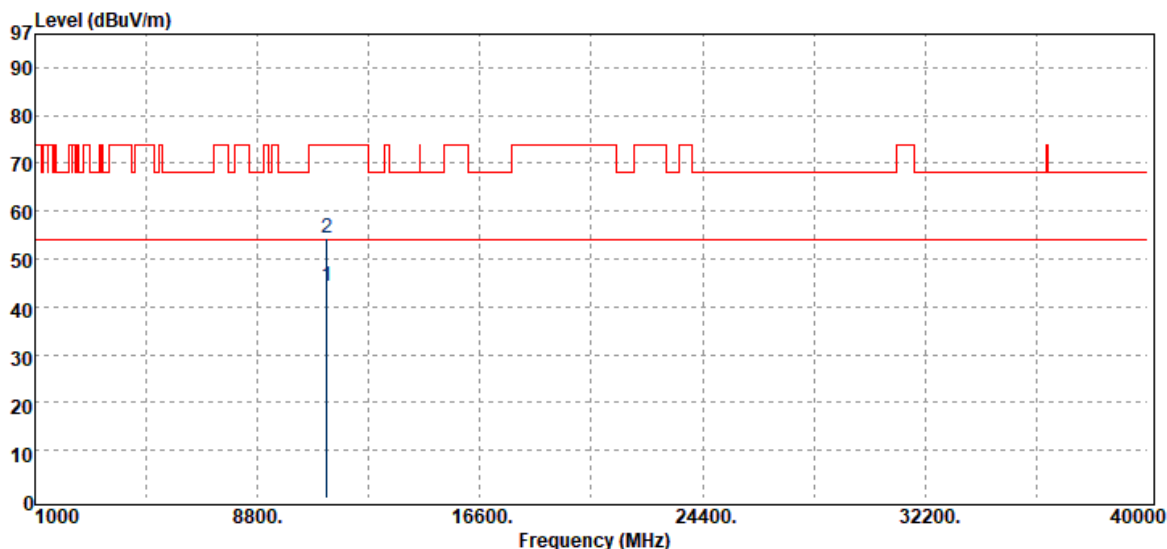
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80 B3
 Test Channel :5610 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11220.00	Average	24.35	19.80	44.15	54.00	-9.85
11220.00	Peak	34.71	19.80	54.51	74.00	-19.49

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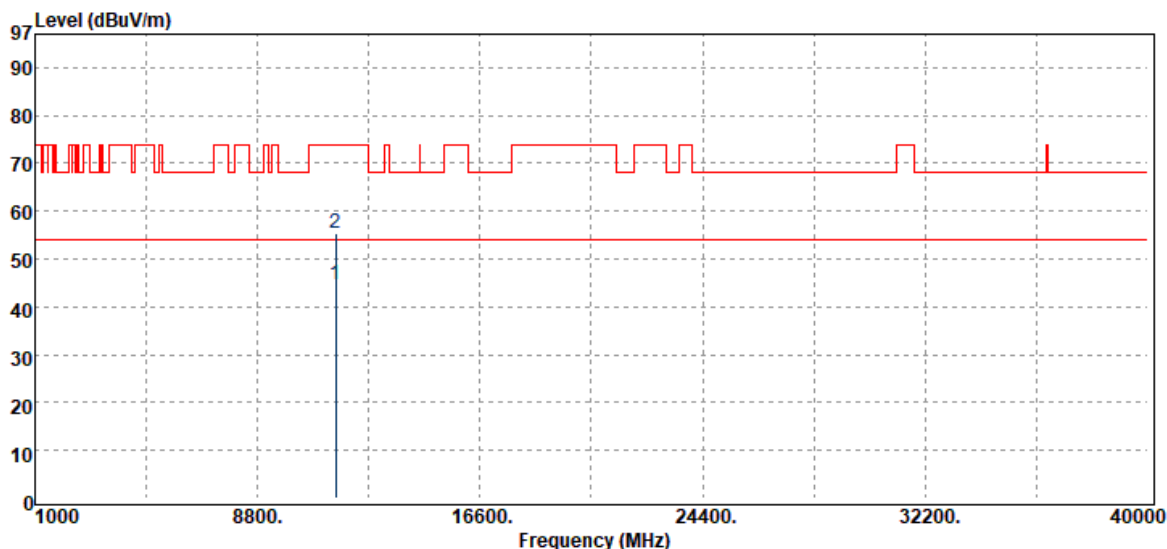
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Report Number :ER/2019/C0048
Operation Mode :802.11ac80 B4
Test Channel :5775 MHz
Test Mode :Tx CH Low
EUT Pol :E2 Plane

Test Date :2020-01-02
Temp./Humi. :21.5/58
Antenna Pol. :VERTICAL
Engineer :Kane



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	24.11	20.48	44.59	54.00	-9.41
11550.00	Peak	35.06	20.48	55.54	74.00	-18.46

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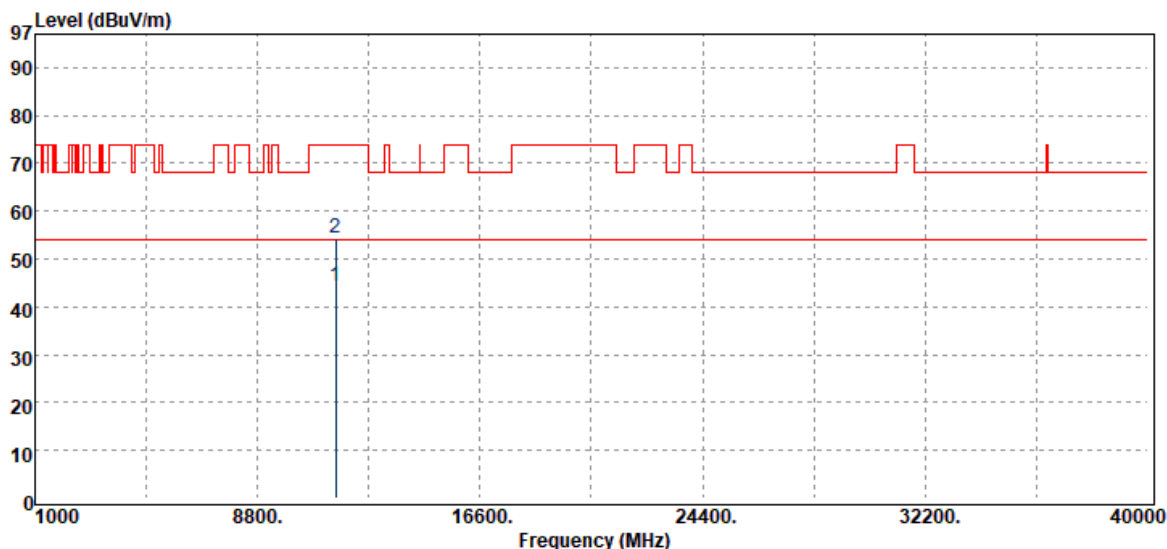
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80 B4
 Test Channel :5775 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2020-01-02
 Temp./Humi. :21.5/58
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11550.00	Average	23.90	20.48	44.38	54.00	-9.62
11550.00	Peak	34.01	20.48	54.49	74.00	-19.51

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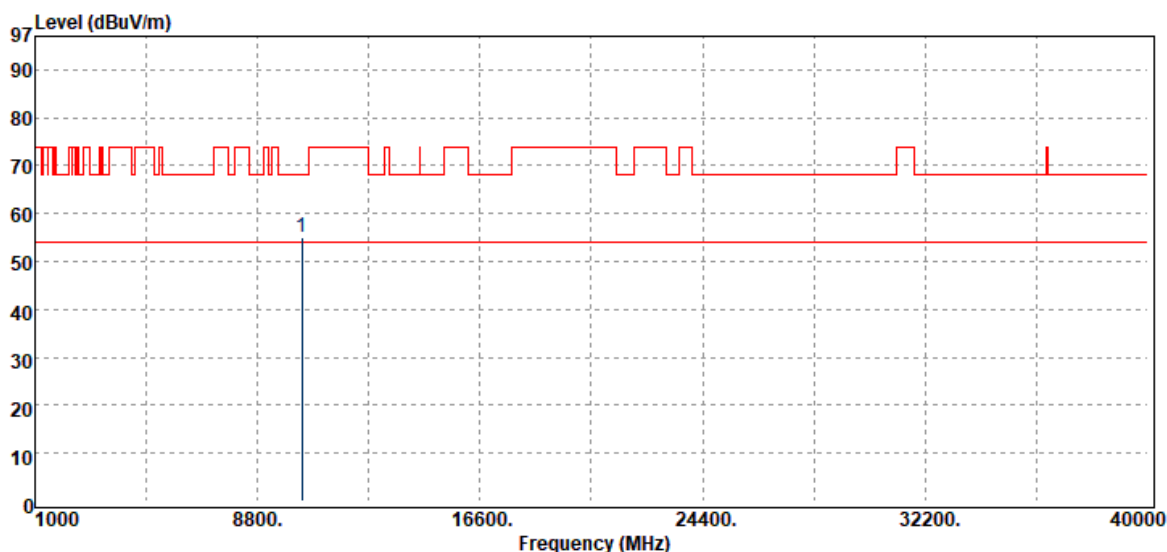
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Internal Antenna

Report Number :ER/2019/C0048
Operation Mode :802.11a B1
Test Channel :5180 MHz
Test Mode :Tx CH Low
EUT Pol :E2 Plane

Test Date :2019-11-26
Temp./Humi. :23.5/64
Antenna Pol. :VERTICAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10360.00	Peak	36.18	18.72	54.90	68.20	-13.30

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Member of SGS Group

Report Number :ER/2019/C0048
 Operation Mode :802.11a B1
 Test Channel :5180 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10360.00	Peak	35.72	18.72	54.44	68.20	-13.76

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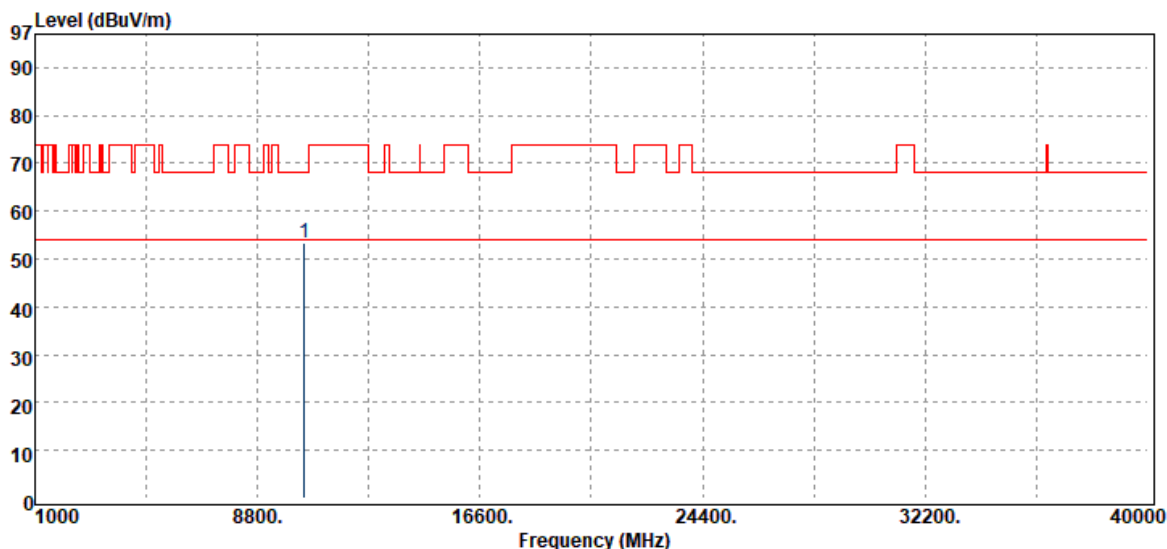
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Report Number :ER/2019/C0048
 Operation Mode :802.11a B1
 Test Channel :5220 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10440.00	Peak	34.80	18.53	53.33	68.20	-14.87

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Report Number :ER/2019/C0048
 Operation Mode :802.11a B1
 Test Channel :5220 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10440.00	Peak	35.07	18.53	53.60	68.20	-14.60

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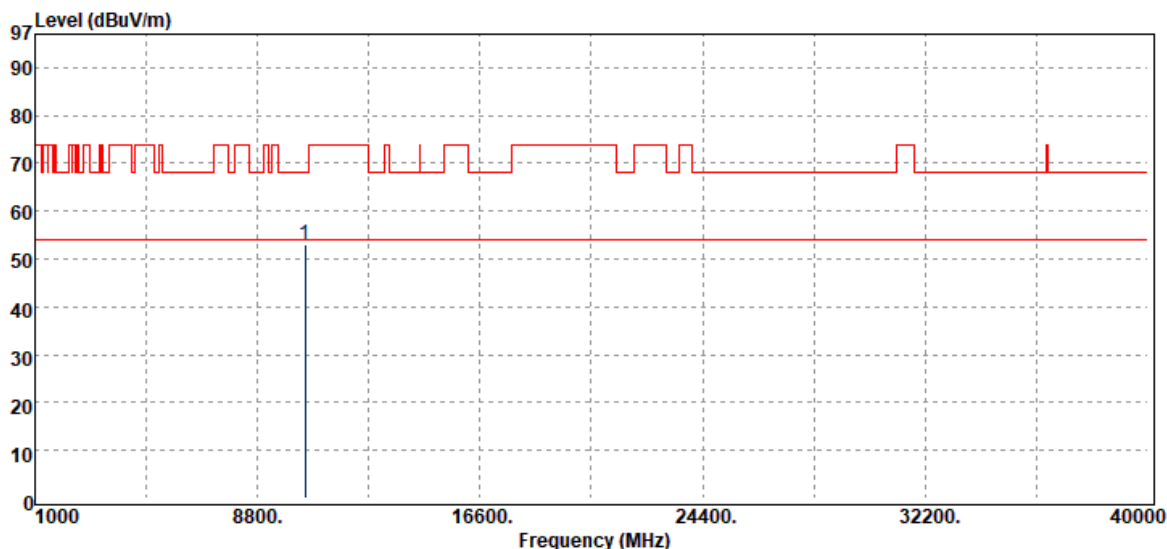
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Report Number :ER/2019/C0048
 Operation Mode :802.11a B1
 Test Channel :5240 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10480.00	Peak	35.12	17.83	52.95	68.20	-15.25

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Report Number :ER/2019/C0048
 Operation Mode :802.11a B1
 Test Channel :5240 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10480.00	Peak	35.29	17.83	53.12	68.20	-15.08

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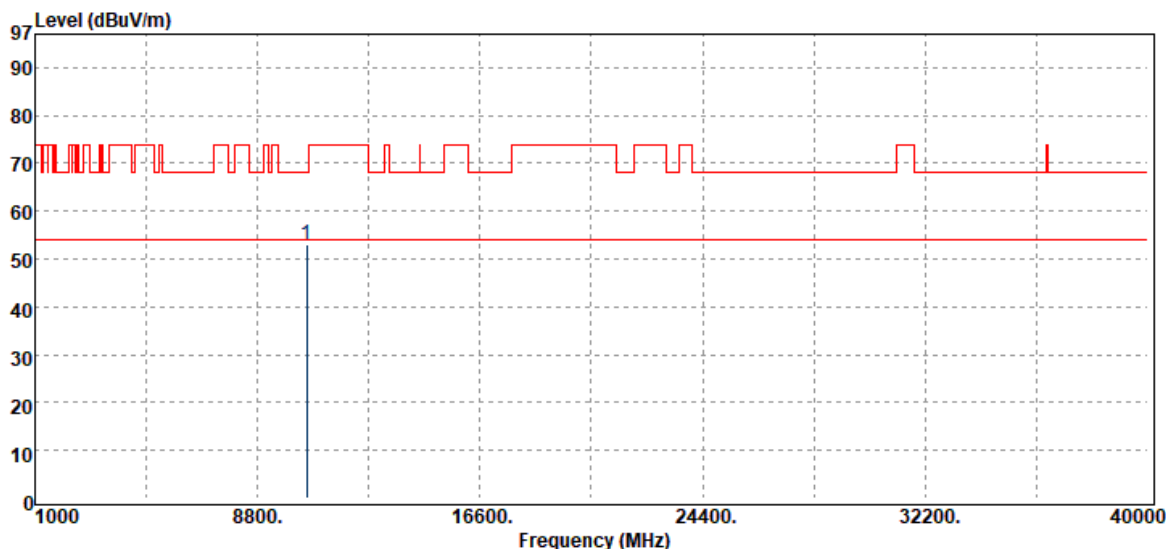
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Report Number :ER/2019/C0048
 Operation Mode :802.11a B2
 Test Channel :5260 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10520.00	Peak	34.93	18.05	52.98	68.20	-15.22

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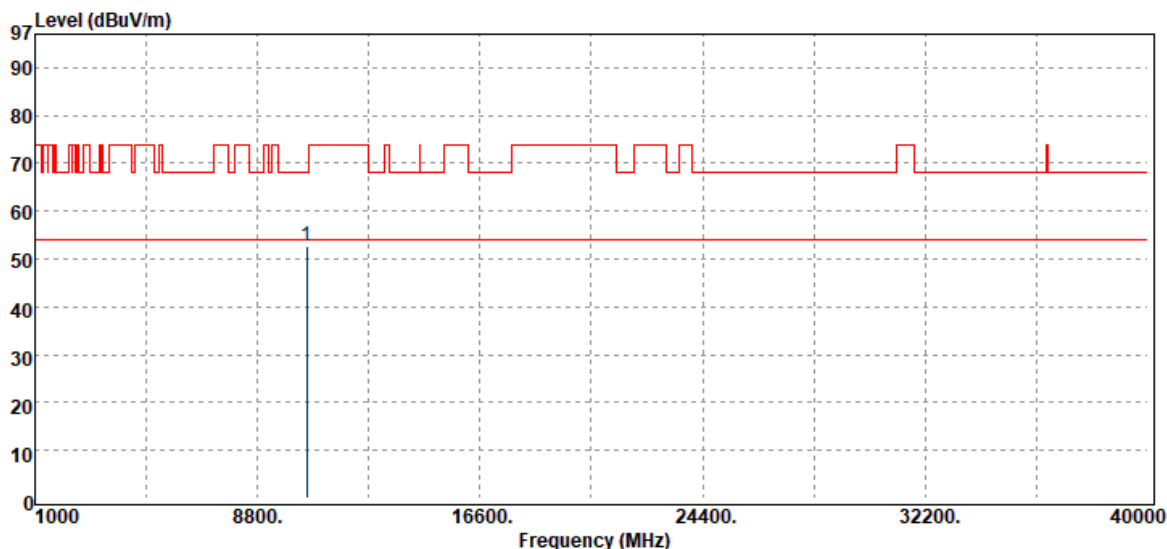
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Report Number :ER/2019/C0048
 Operation Mode :802.11a B2
 Test Channel :5260 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.00	Peak	34.66	18.05	52.71	68.20	-15.49

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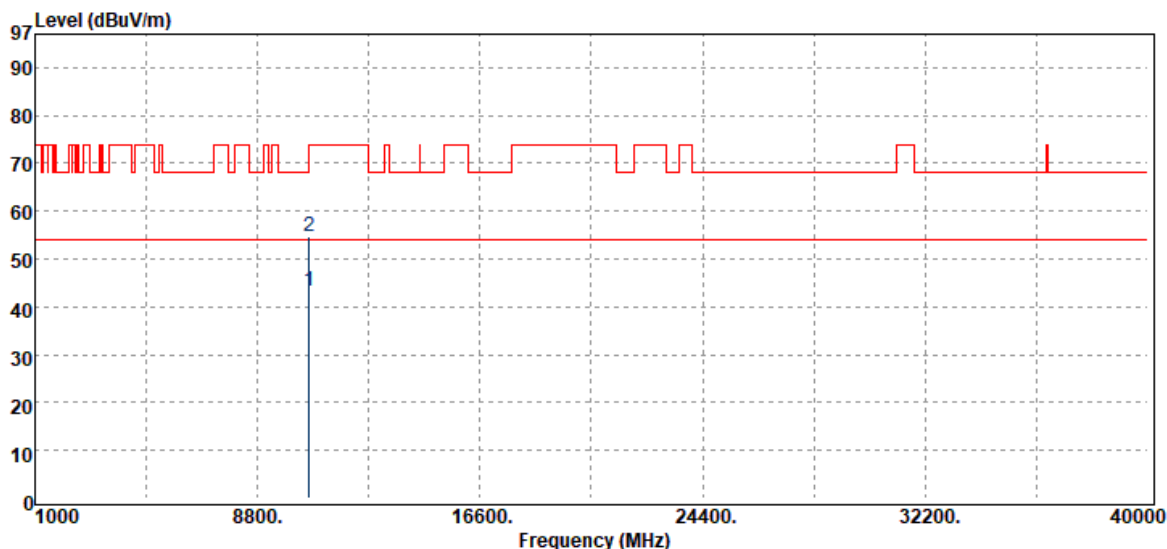
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Report Number :ER/2019/C0048
Operation Mode :802.11a B2
Test Channel :5300 MHz
Test Mode :Tx CH Mid
EUT Pol :E2 Plane

Test Date :2019-11-26
Temp./Humi. :23.5/64
Antenna Pol. :VERTICAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10600.00	Average	24.13	19.18	43.31	54.00	-10.69
10600.00	Peak	35.48	19.18	54.66	74.00	-19.34

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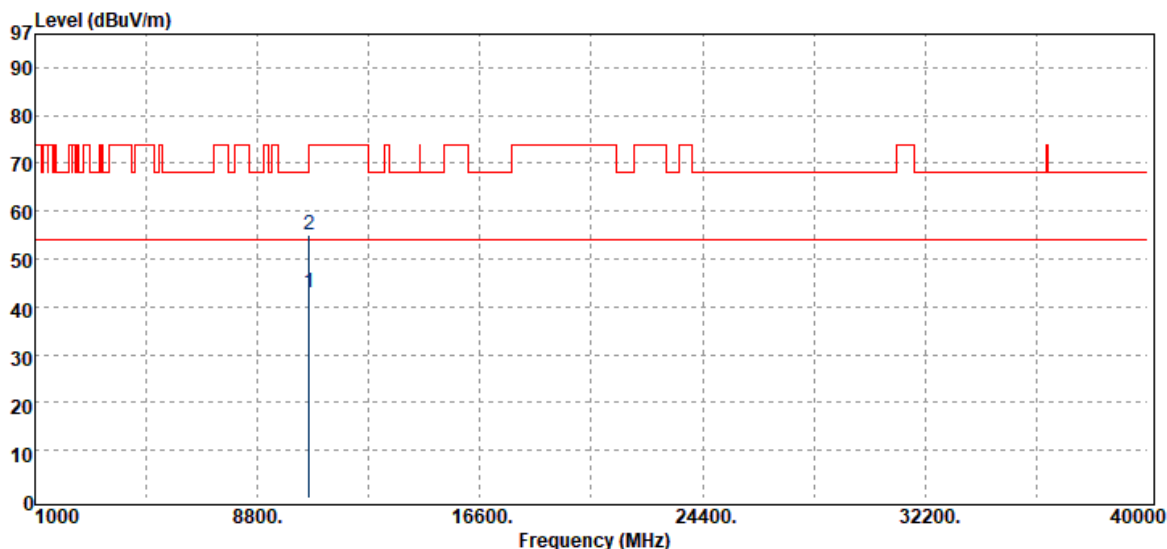
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Report Number :ER/2019/C0048
 Operation Mode :802.11a B2
 Test Channel :5300 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



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
10600.00	Average	23.94	19.18	43.12	54.00	-10.88
10600.00	Peak	35.83	19.18	55.01	74.00	-18.99

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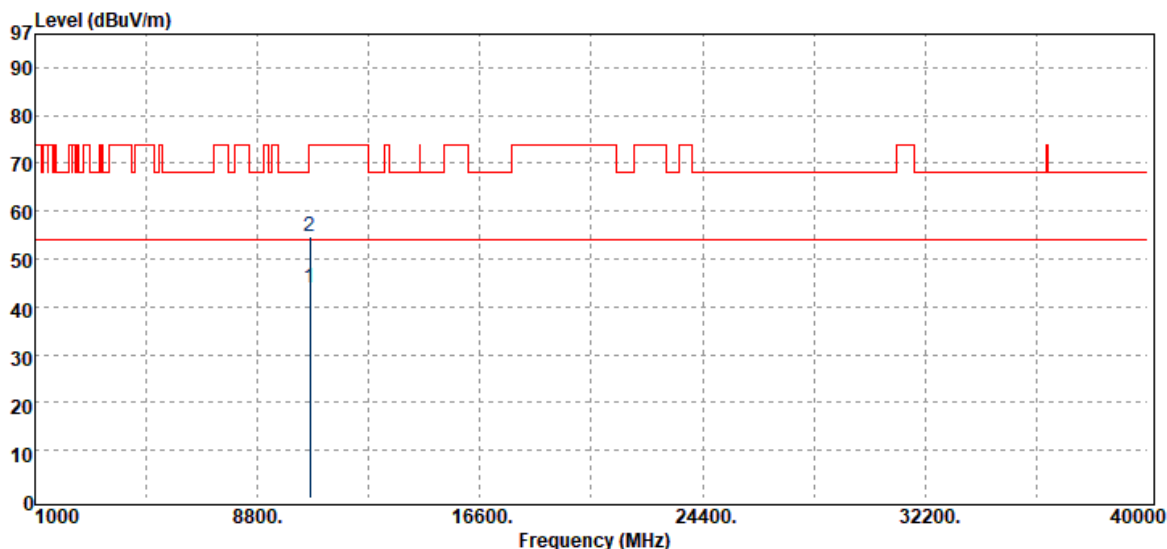
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Report Number :ER/2019/C0048
 Operation Mode :802.11a B2
 Test Channel :5320 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10640.00	Average	24.35	19.49	43.84	54.00	-10.16
10640.00	Peak	35.18	19.49	54.67	74.00	-19.33

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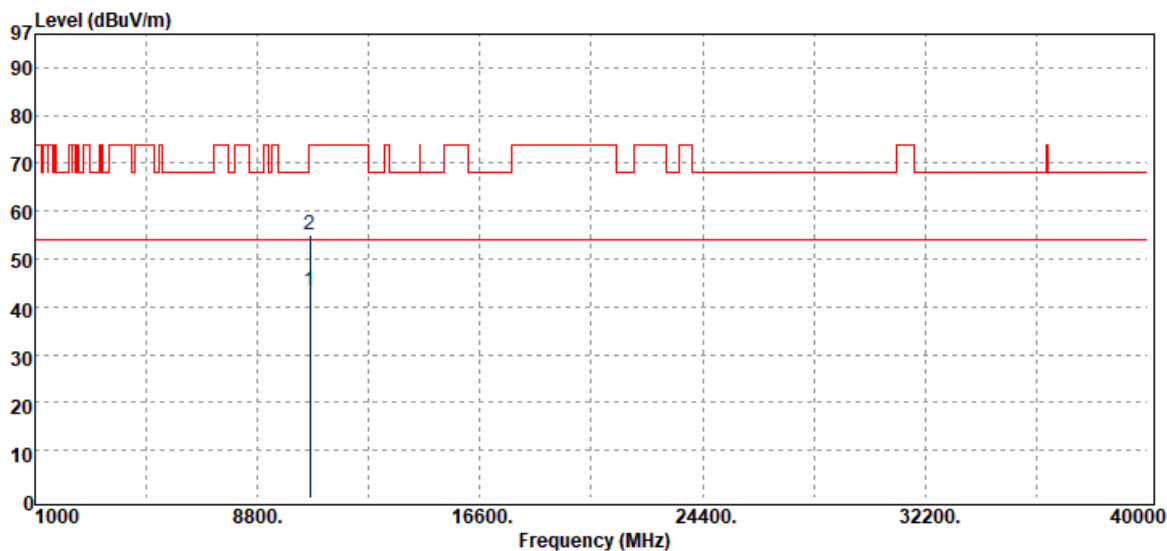
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Report Number :ER/2019/C0048
 Operation Mode :802.11a B2
 Test Channel :5320 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10640.00	Average	23.91	19.49	43.40	54.00	-10.60
10640.00	Peak	35.50	19.49	54.99	74.00	-19.01

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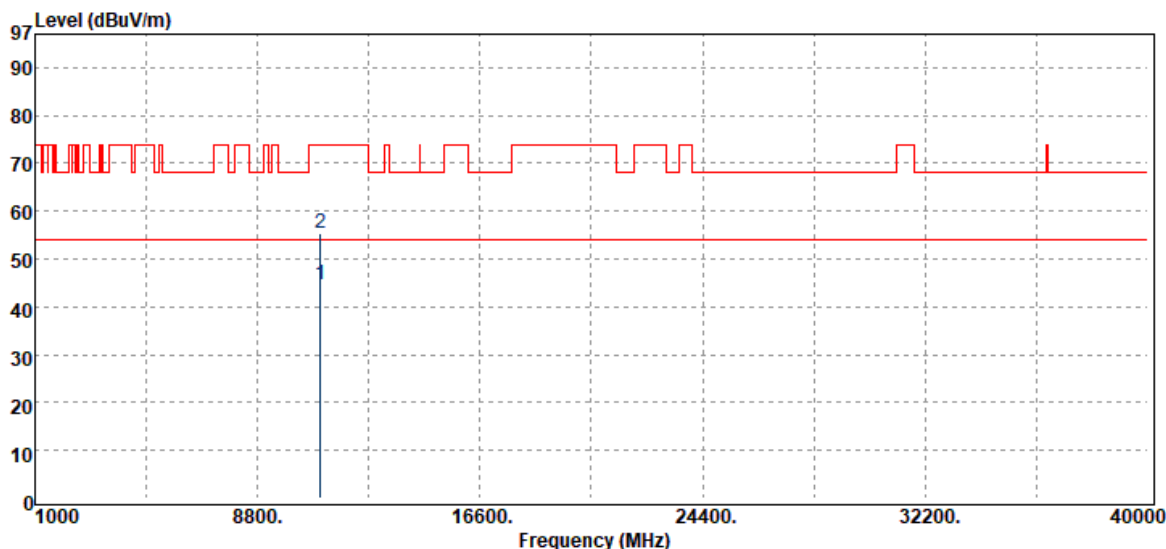
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Report Number :ER/2019/C0048
 Operation Mode :802.11a B3
 Test Channel :5500 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11000.00	Average	24.19	20.49	44.68	54.00	-9.32
11000.00	Peak	34.73	20.49	55.22	74.00	-18.78

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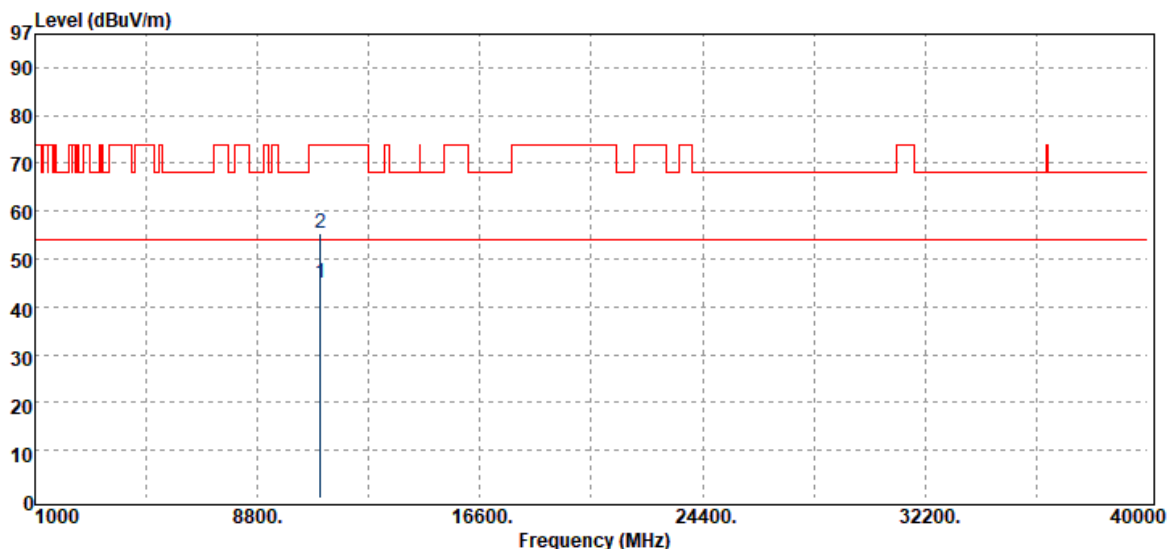
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Report Number :ER/2019/C0048
Operation Mode :802.11a B3
Test Channel :5500 MHz
Test Mode :Tx CH Low
EUT Pol :E2 Plane

Test Date :2019-11-26
Temp./Humi. :23.5/64
Antenna Pol. :HORIZONTAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11000.00	Average	24.37	20.49	44.86	54.00	-9.14
11000.00	Peak	35.03	20.49	55.52	74.00	-18.48

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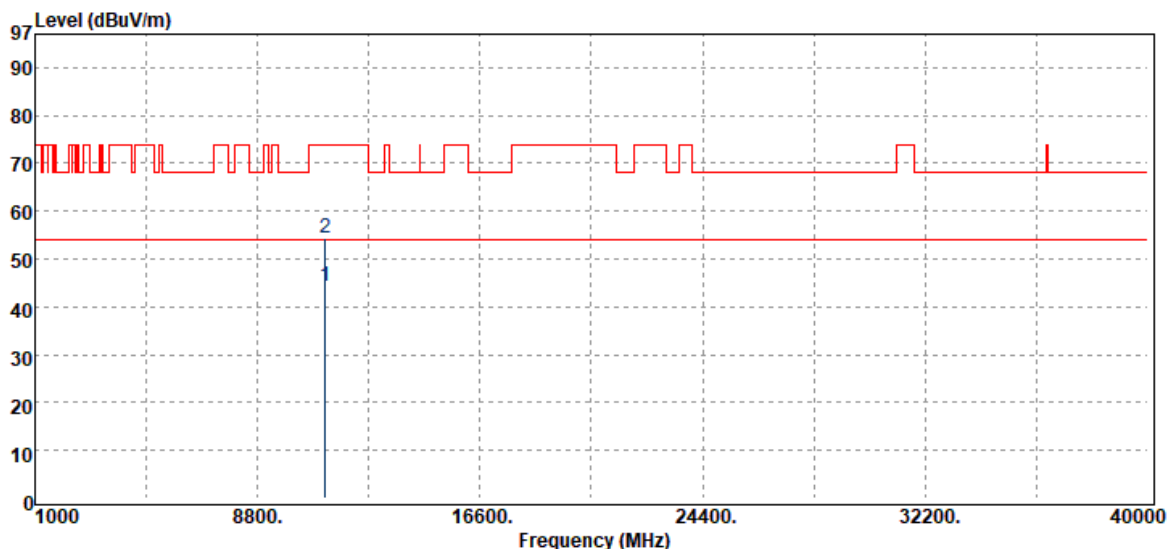
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Report Number :ER/2019/C0048
 Operation Mode :802.11a B3
 Test Channel :5580 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11160.00	Average	24.61	19.71	44.32	54.00	-9.68
11160.00	Peak	34.82	19.71	54.53	74.00	-19.47

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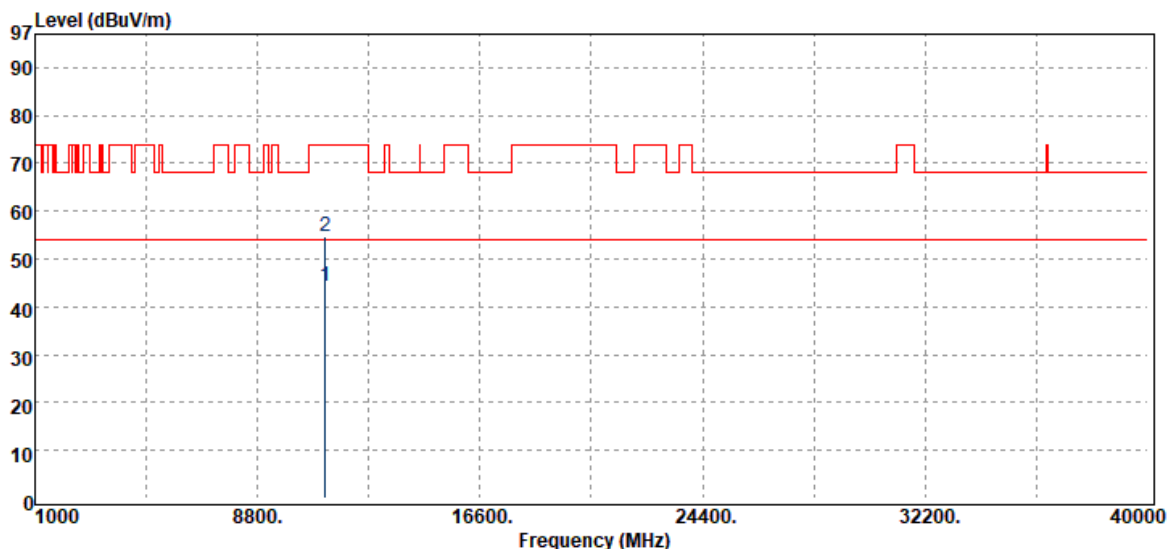
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Report Number :ER/2019/C0048
Operation Mode :802.11a B3
Test Channel :5580 MHz
Test Mode :Tx CH Mid
EUT Pol :E2 Plane

Test Date :2019-11-26
Temp./Humi. :23.5/64
Antenna Pol. :HORIZONTAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11160.00	Average	24.58	19.71	44.29	54.00	-9.71
11160.00	Peak	34.94	19.71	54.65	74.00	-19.35

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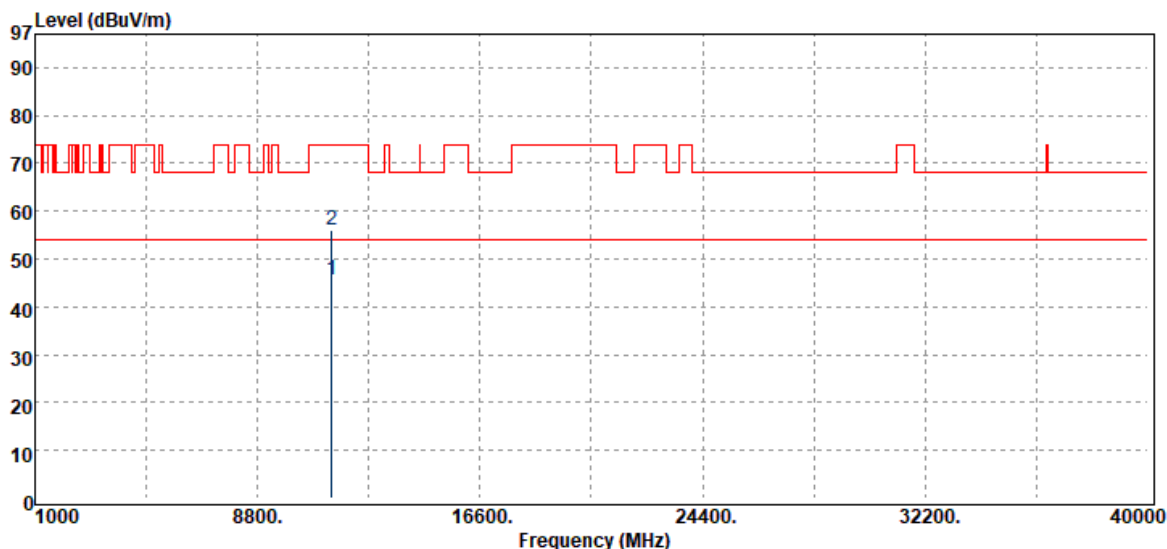
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Report Number :ER/2019/C0048
 Operation Mode :802.11a B3
 Test Channel :5700 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11400.00	Average	24.39	21.10	45.49	54.00	-8.51
11400.00	Peak	35.06	21.10	56.16	74.00	-17.84

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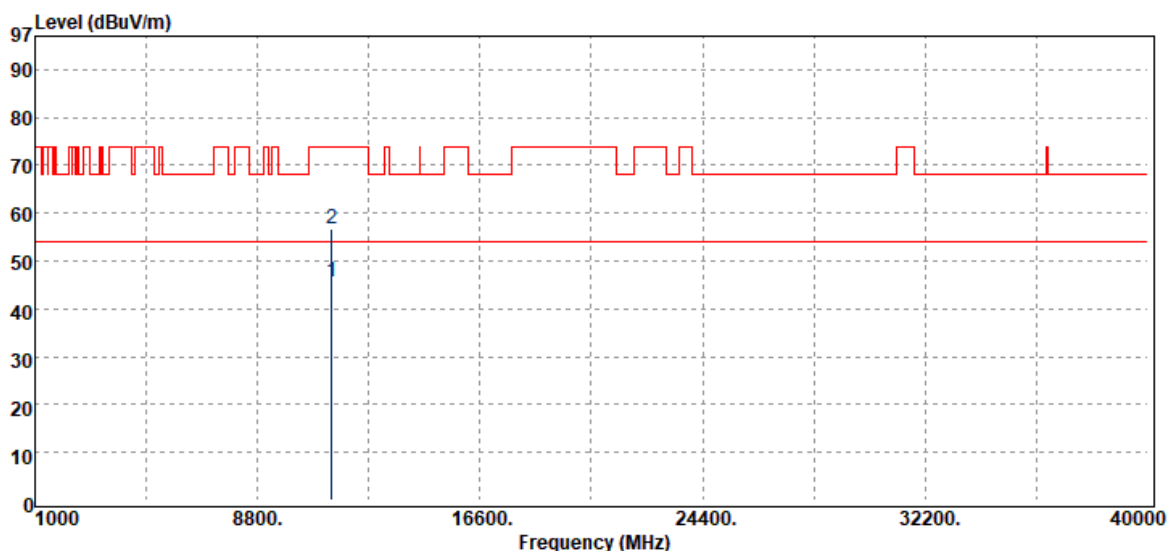
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Report Number :ER/2019/C0048
Operation Mode :802.11a B3
Test Channel :5700 MHz
Test Mode :Tx CH High
EUT Pol :E2 Plane

Test Date :2019-11-26
Temp./Humi. :23.5/64
Antenna Pol. :HORIZONTAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11400.00	Average	24.43	21.10	45.53	54.00	-8.47
11400.00	Peak	35.79	21.10	56.89	74.00	-17.11

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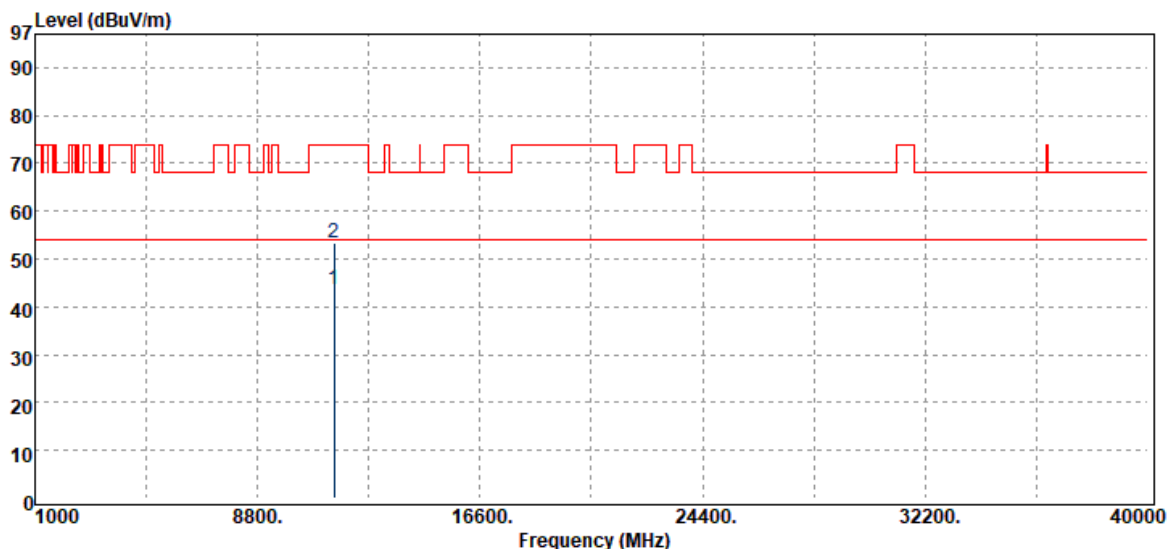
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Report Number :ER/2019/C0048
 Operation Mode :802.11a B4
 Test Channel :5745 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11490.00	Average	23.90	19.66	43.56	54.00	-10.44
11490.00	Peak	33.56	19.66	53.22	74.00	-20.78

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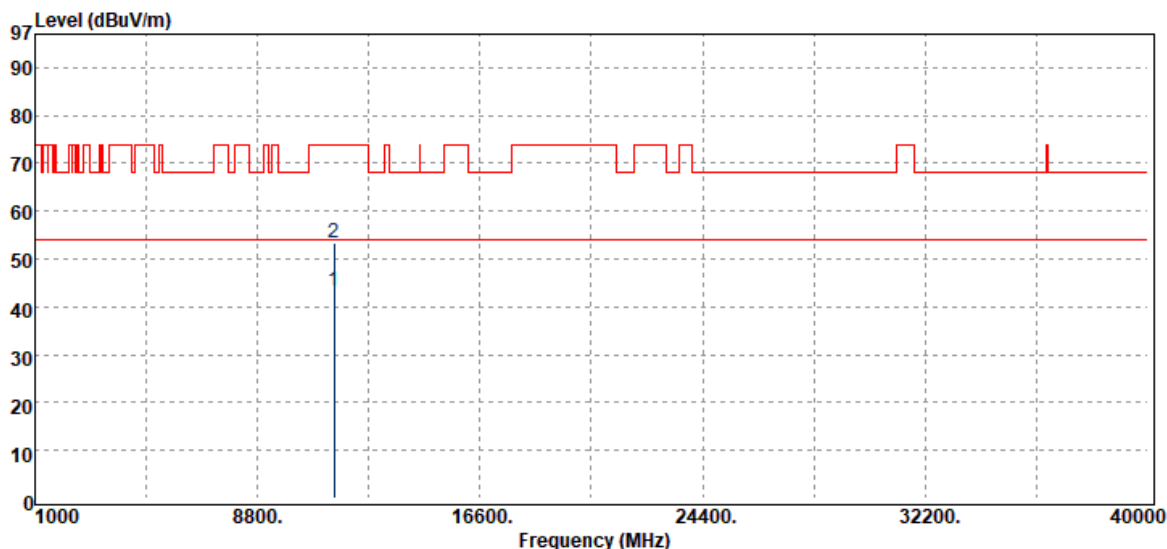
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Report Number :ER/2019/C0048
 Operation Mode :802.11a B4
 Test Channel :5745 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



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
11490.00	Average	23.60	19.66	43.26	54.00	-10.74
11490.00	Peak	33.83	19.66	53.49	74.00	-20.51

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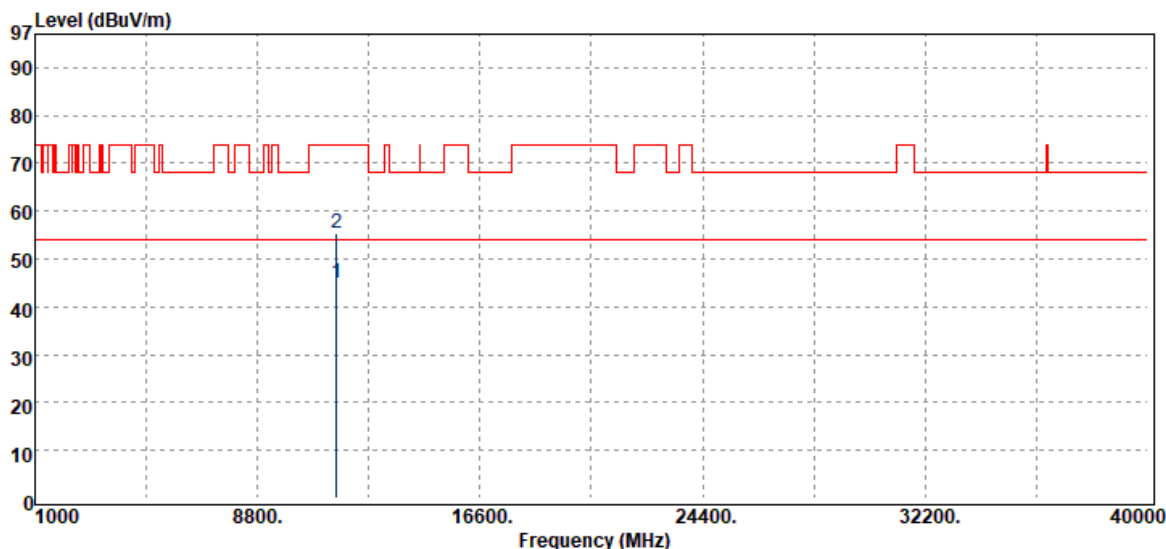
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Report Number :ER/2019/C0048
 Operation Mode :802.11a B4
 Test Channel :5785 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11570.00	Average	24.17	20.93	45.10	54.00	-8.90
11570.00	Peak	34.48	20.93	55.41	74.00	-18.59

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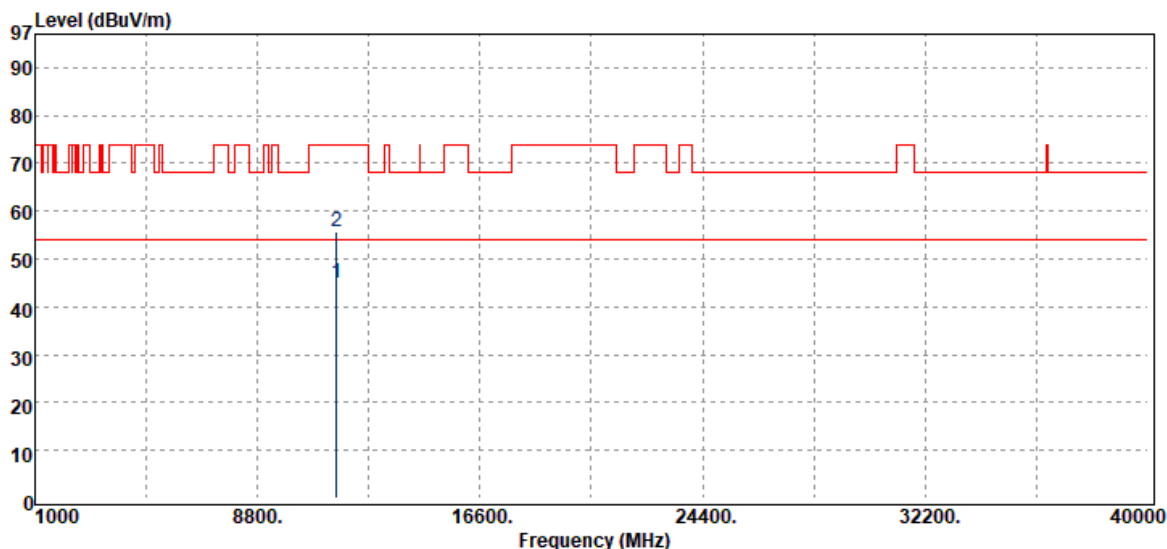
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Report Number :ER/2019/C0048
 Operation Mode :802.11a B4
 Test Channel :5785 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11570.00	Average	23.92	20.93	44.85	54.00	-9.15
11570.00	Peak	34.77	20.93	55.70	74.00	-18.30

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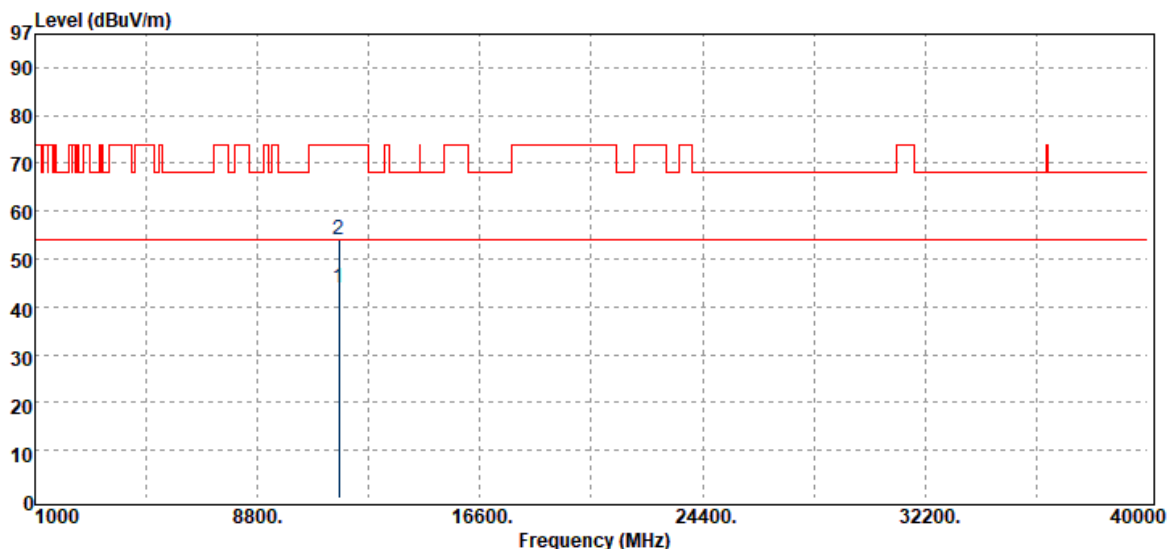
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Report Number :ER/2019/C0048
 Operation Mode :802.11a B4
 Test Channel :5825 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11650.00	Average	23.82	20.07	43.89	54.00	-10.11
11650.00	Peak	34.02	20.07	54.09	74.00	-19.91

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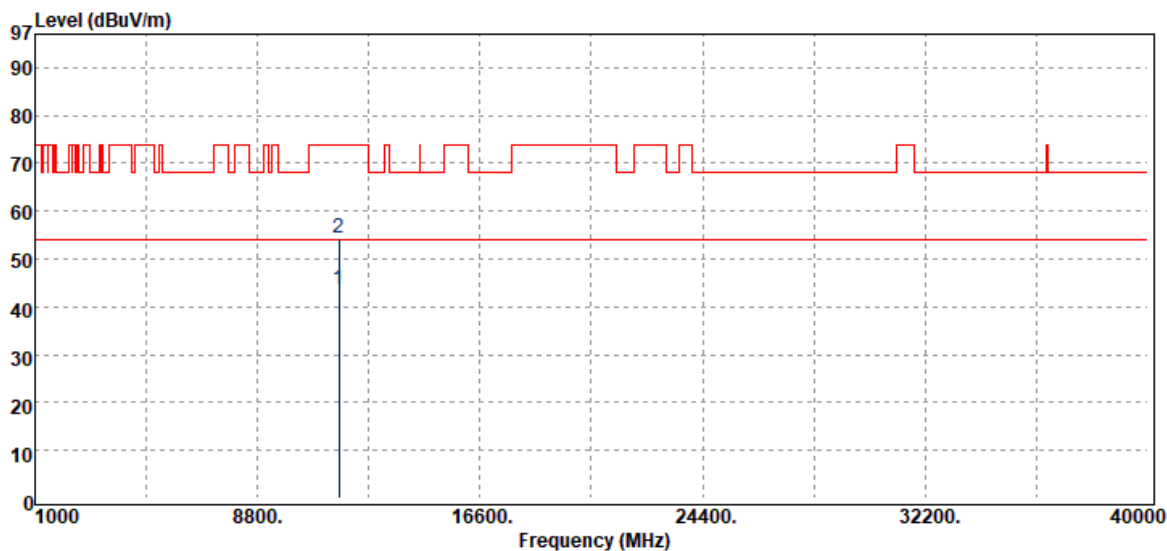
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Report Number :ER/2019/C0048
 Operation Mode :802.11a B4
 Test Channel :5825 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



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
11650.00	Average	23.66	20.07	43.73	54.00	-10.27
11650.00	Peak	34.19	20.07	54.26	74.00	-19.74

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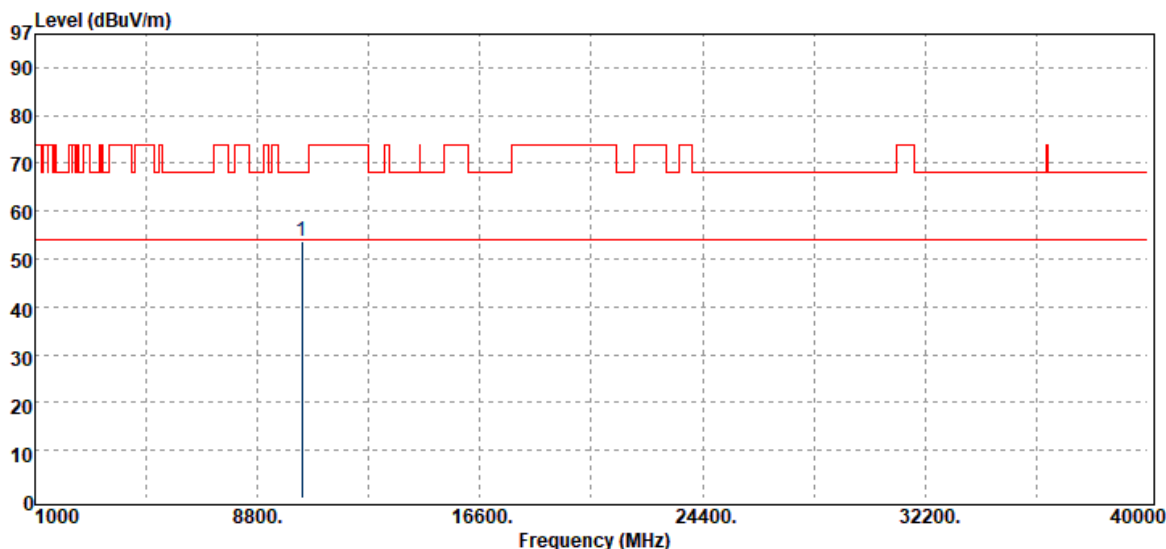
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Report Number :ER/2019/C0048
Operation Mode :802.11n20 B1
Test Channel :5180 MHz
Test Mode :Tx CH Low
EUT Pol :E2 Plane

Test Date :2019-11-26
Temp./Humi. :23.5/64
Antenna Pol. :VERTICAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10360.00	Peak	35.12	18.72	53.84	68.20	-14.36

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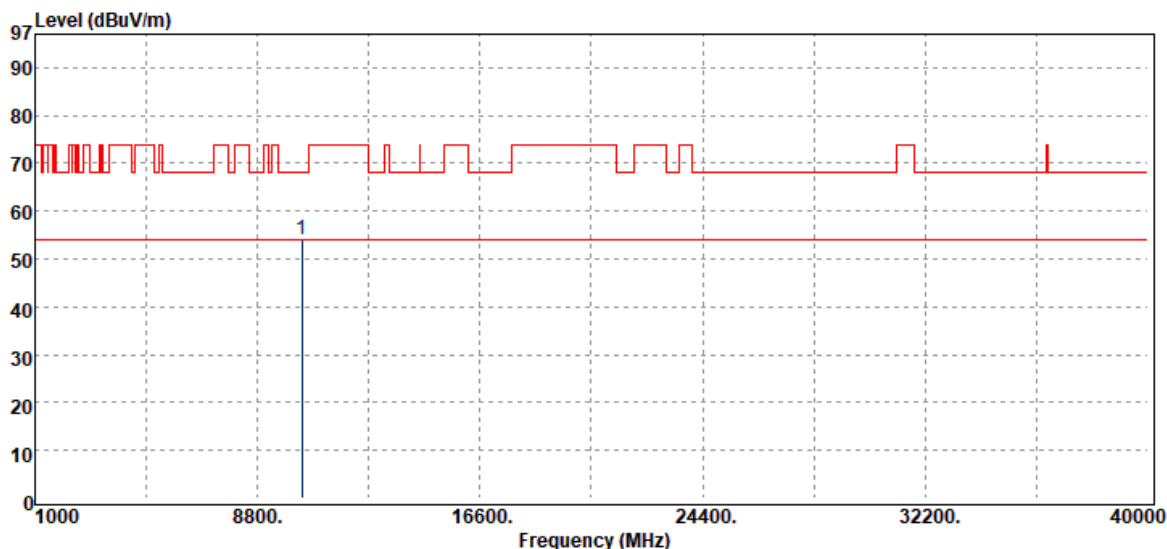
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B1
 Test Channel :5180 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10360.00	Peak	35.25	18.72	53.97	68.20	-14.23

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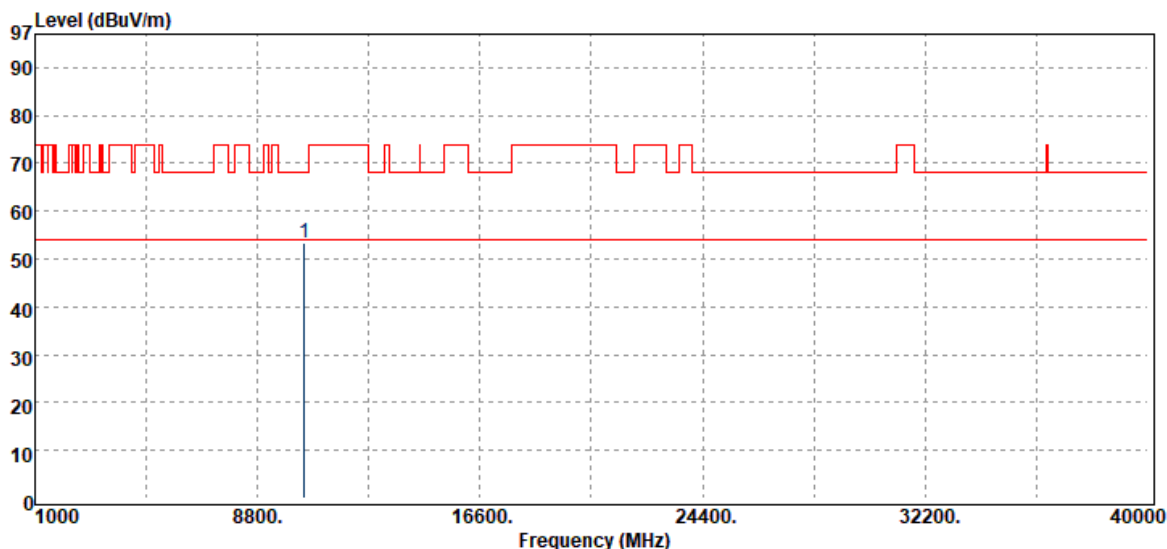
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B1
 Test Channel :5220 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10440.00	Peak	34.89	18.53	53.42	68.20	-14.78

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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B1
 Test Channel :5220 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10440.00	Peak	34.73	18.53	53.26	68.20	-14.94

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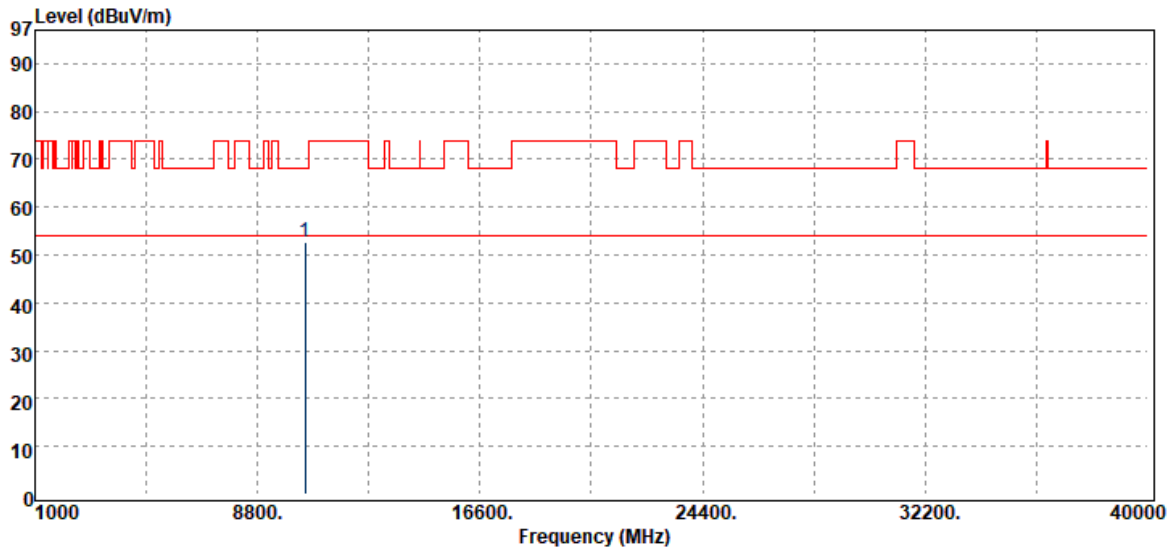
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Member of SGS Group

Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B1
 Test Channel :5240 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10480.00	Peak	34.82	17.83	52.65	68.20	-15.55

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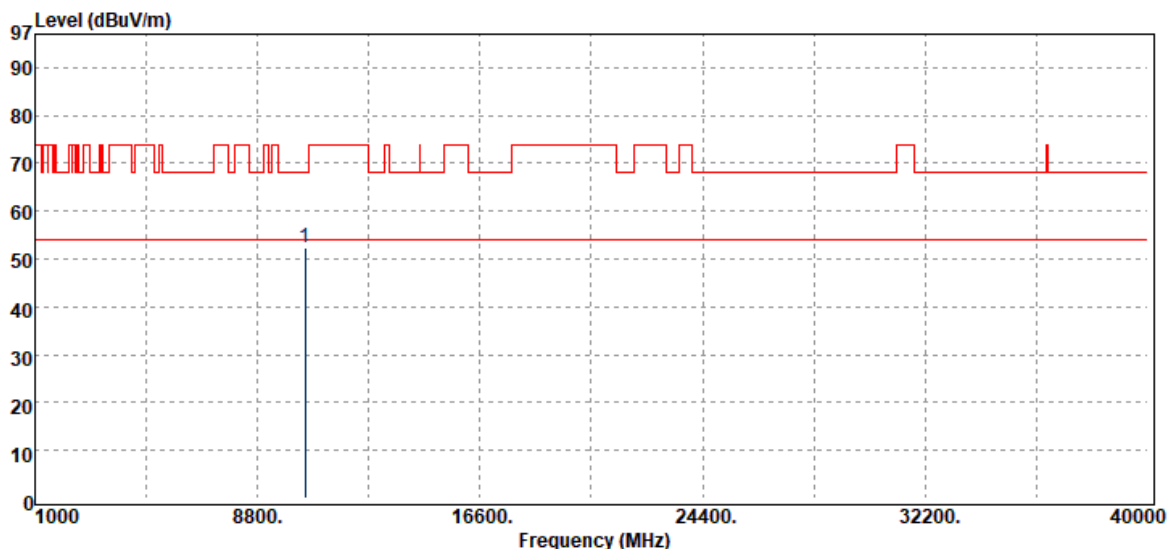
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B1
 Test Channel :5240 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10480.00	Peak	34.44	17.83	52.27	68.20	-15.93

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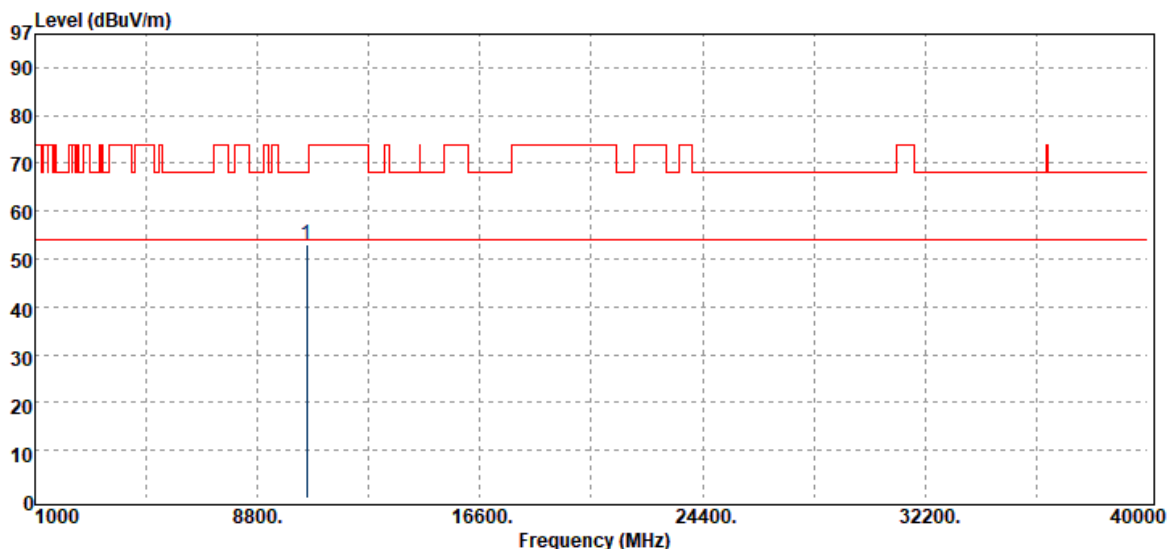
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B2
 Test Channel :5260 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.00	Peak	34.95	18.05	53.00	68.20	-15.20

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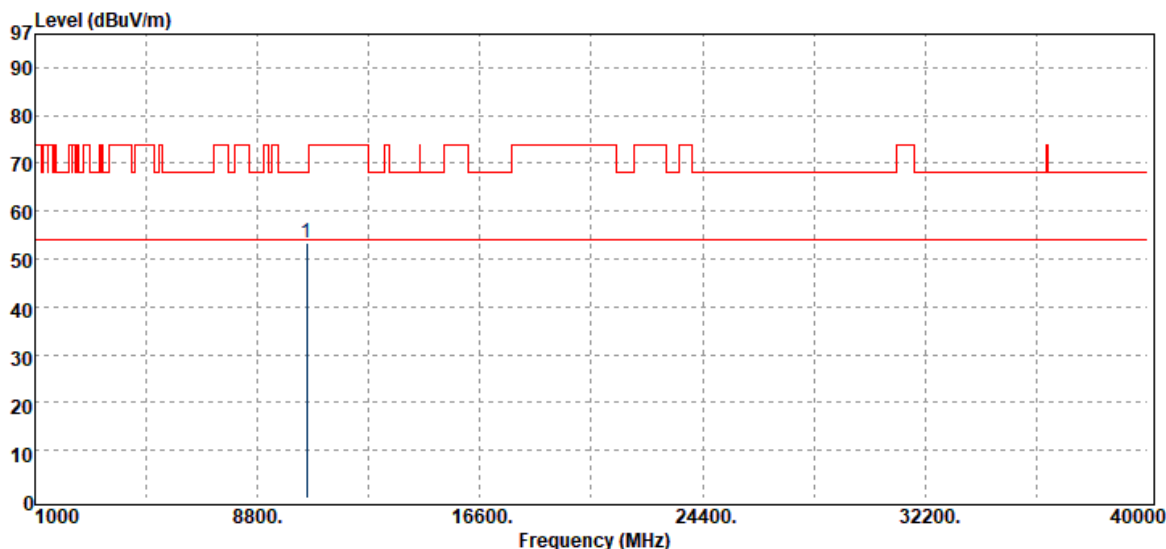
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B2
 Test Channel :5260 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.00	Peak	35.22	18.05	53.27	68.20	-14.93

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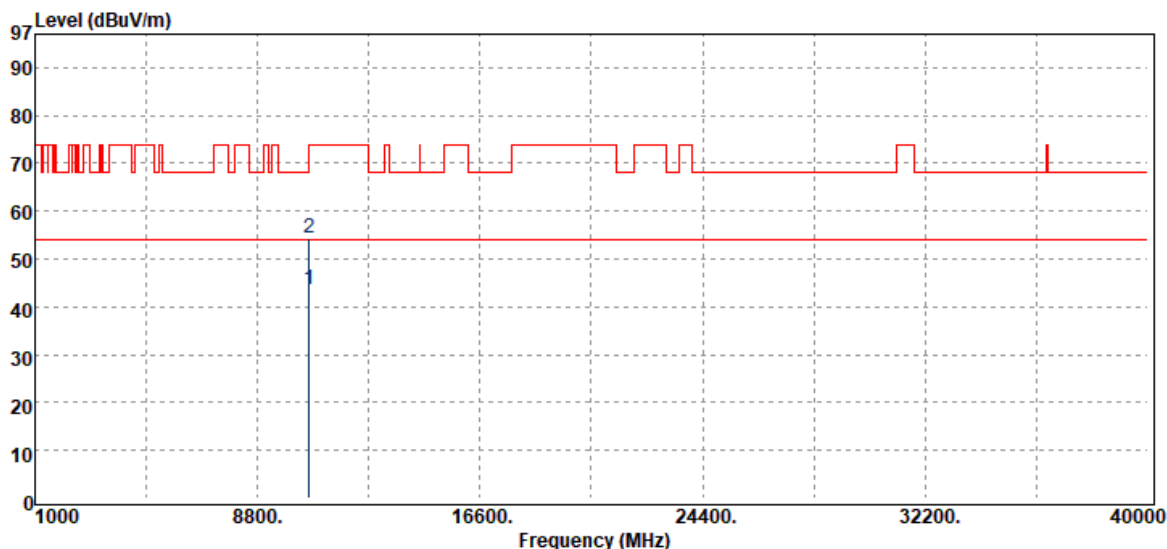
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B2
 Test Channel :5300 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10600.00	Average	24.59	19.18	43.77	54.00	-10.23
10600.00	Peak	35.03	19.18	54.21	74.00	-19.79

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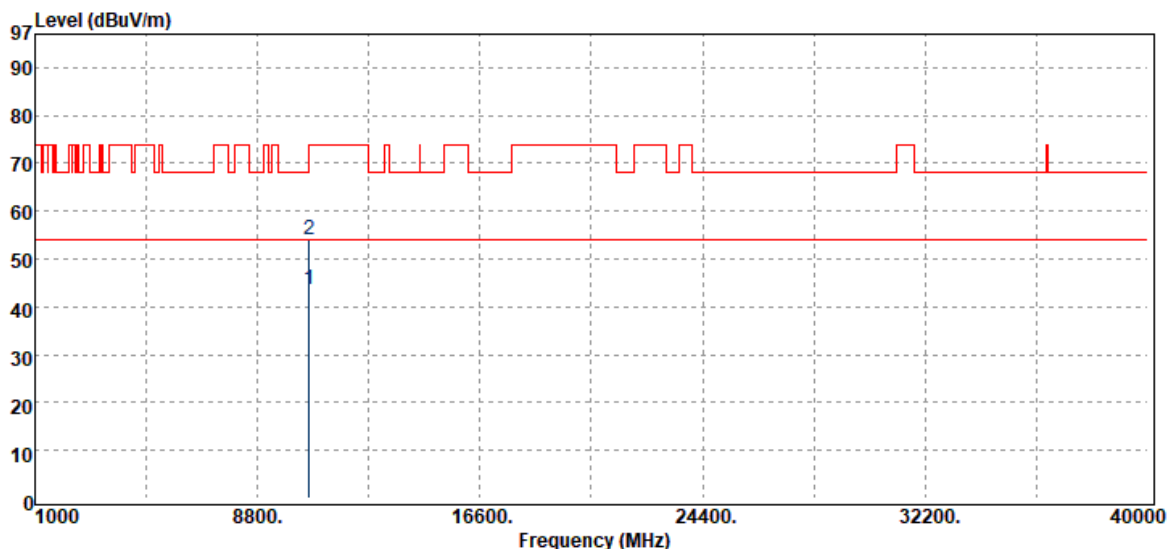
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Report Number :ER/2019/C0048
Operation Mode :802.11n20 B2
Test Channel :5300 MHz
Test Mode :Tx CH Mid
EUT Pol :E2 Plane

Test Date :2019-11-26
Temp./Humi. :23.5/64
Antenna Pol. :HORIZONTAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10600.00	Average	24.48	19.18	43.66	54.00	-10.34
10600.00	Peak	34.90	19.18	54.08	74.00	-19.92

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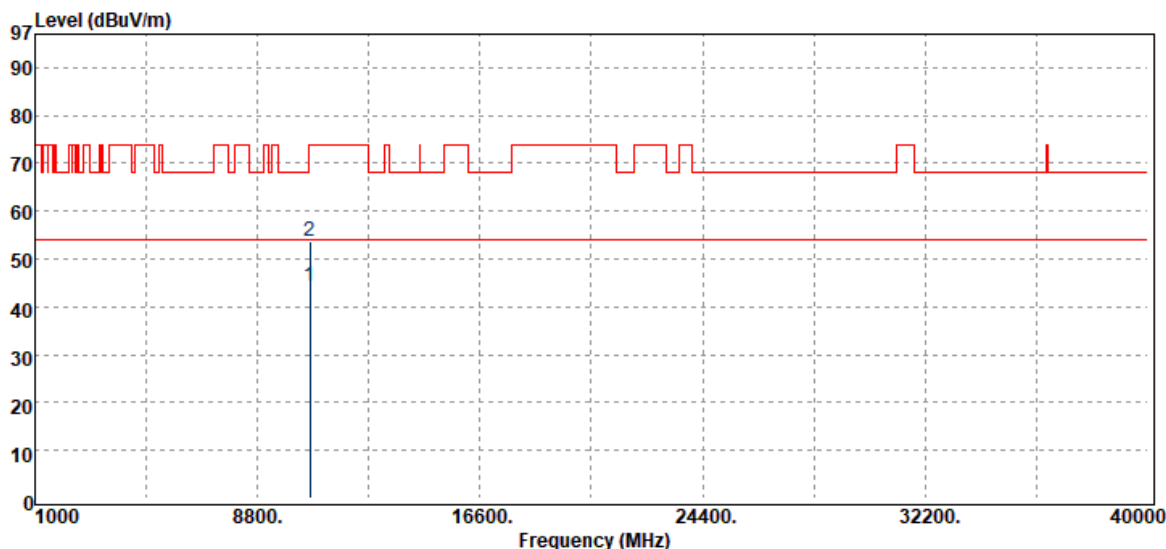
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B2
 Test Channel :5320 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10640.00	Average	24.68	19.49	44.17	54.00	-9.83
10640.00	Peak	34.18	19.49	53.67	74.00	-20.33

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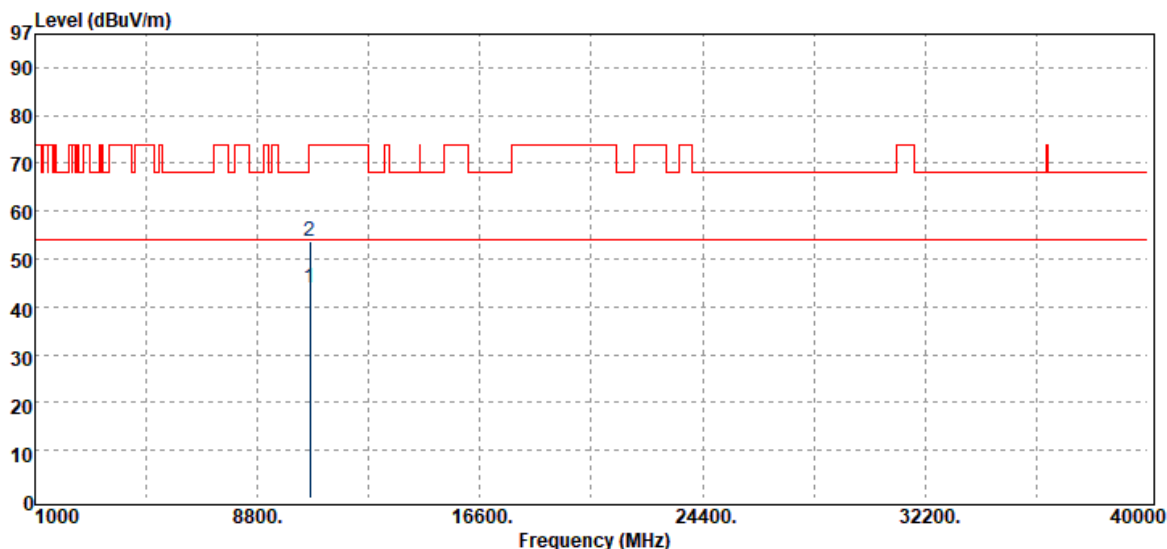
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B2
 Test Channel :5320 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10640.00	Average	24.43	19.49	43.92	54.00	-10.08
10640.00	Peak	34.32	19.49	53.81	74.00	-20.19

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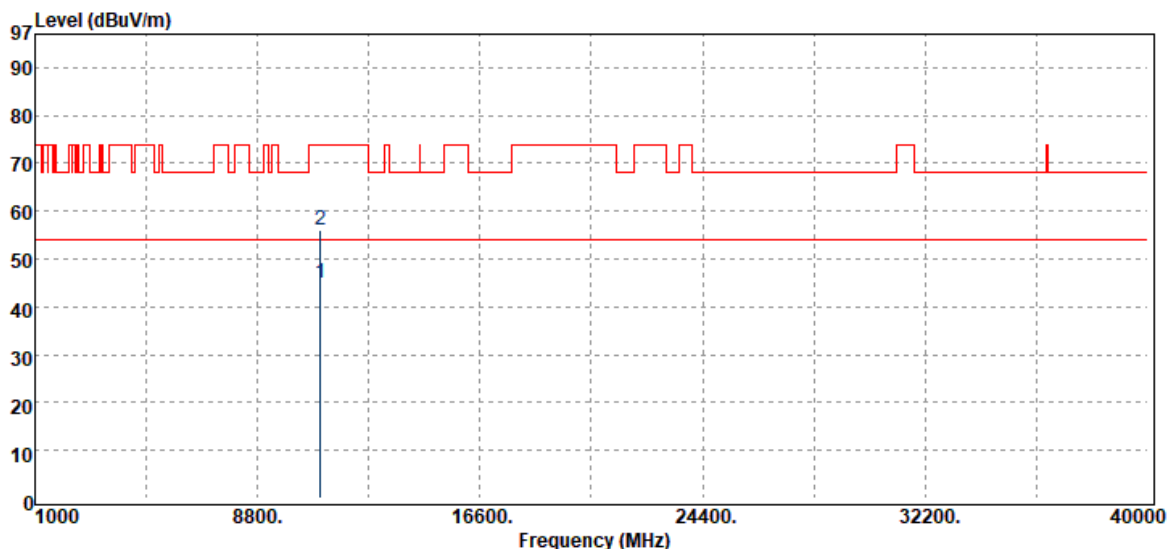
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B3
 Test Channel :5500 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11000.00	Average	24.60	20.49	45.09	54.00	-8.91
11000.00	Peak	35.47	20.49	55.96	74.00	-18.04

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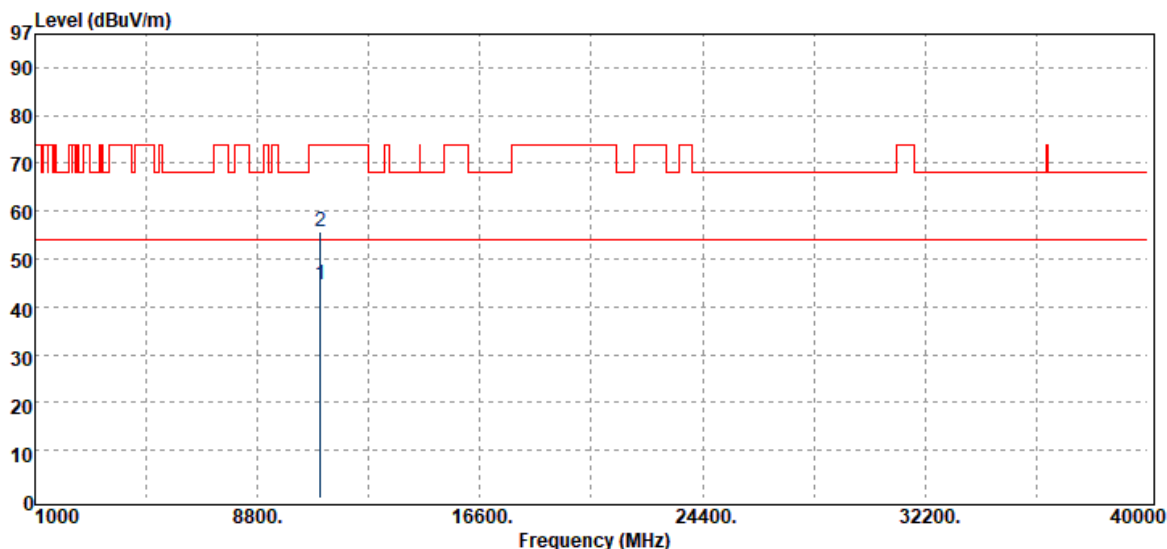
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Report Number :ER/2019/C0048
Operation Mode :802.11n20 B3
Test Channel :5500 MHz
Test Mode :Tx CH Low
EUT Pol :E2 Plane

Test Date :2019-11-26
Temp./Humi. :23.5/64
Antenna Pol. :HORIZONTAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11000.00	Average	24.32	20.49	44.81	54.00	-9.19
11000.00	Peak	35.28	20.49	55.77	74.00	-18.23

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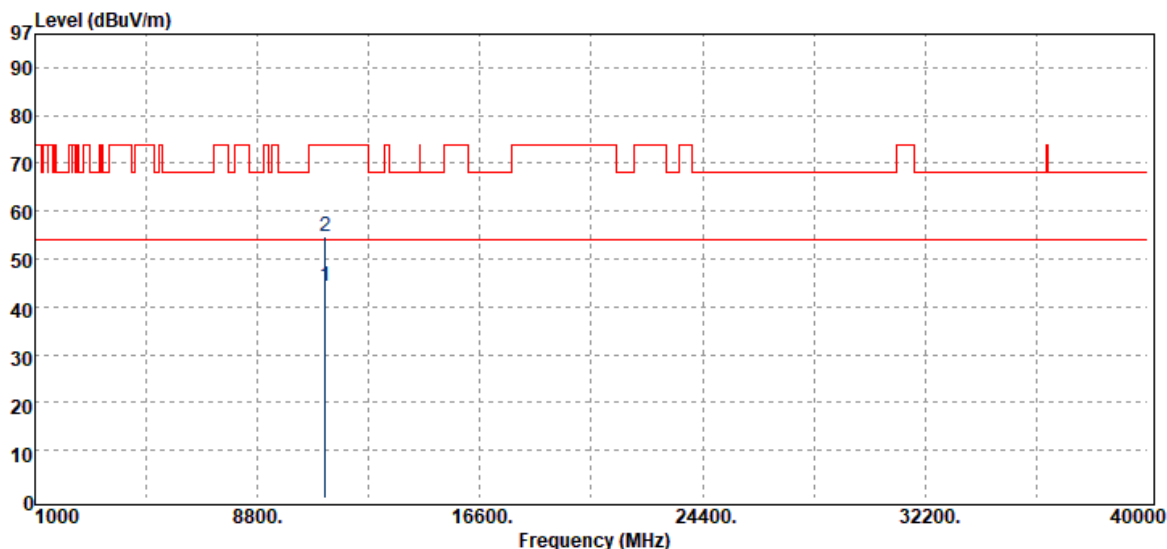
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B3
 Test Channel :5580 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11160.00	Average	24.59	19.71	44.30	54.00	-9.70
11160.00	Peak	34.94	19.71	54.65	74.00	-19.35

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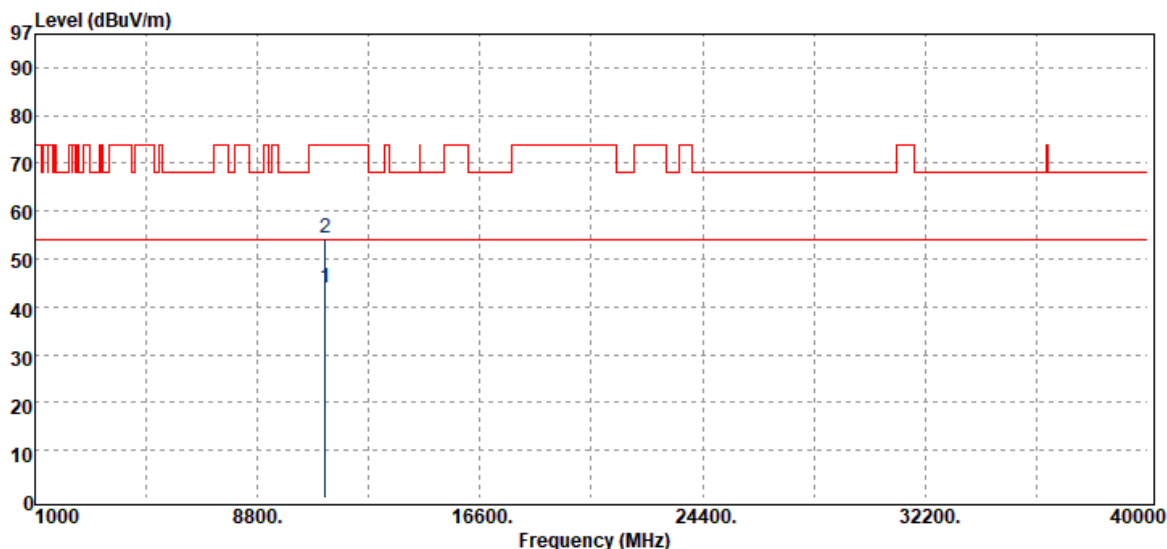
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Report Number :ER/2019/C0048
Operation Mode :802.11n20 B3
Test Channel :5580 MHz
Test Mode :Tx CH Mid
EUT Pol :E2 Plane

Test Date :2019-11-26
Temp./Humi. :23.5/64
Antenna Pol. :HORIZONTAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11160.00	Average	24.27	19.71	43.98	54.00	-10.02
11160.00	Peak	34.81	19.71	54.52	74.00	-19.48

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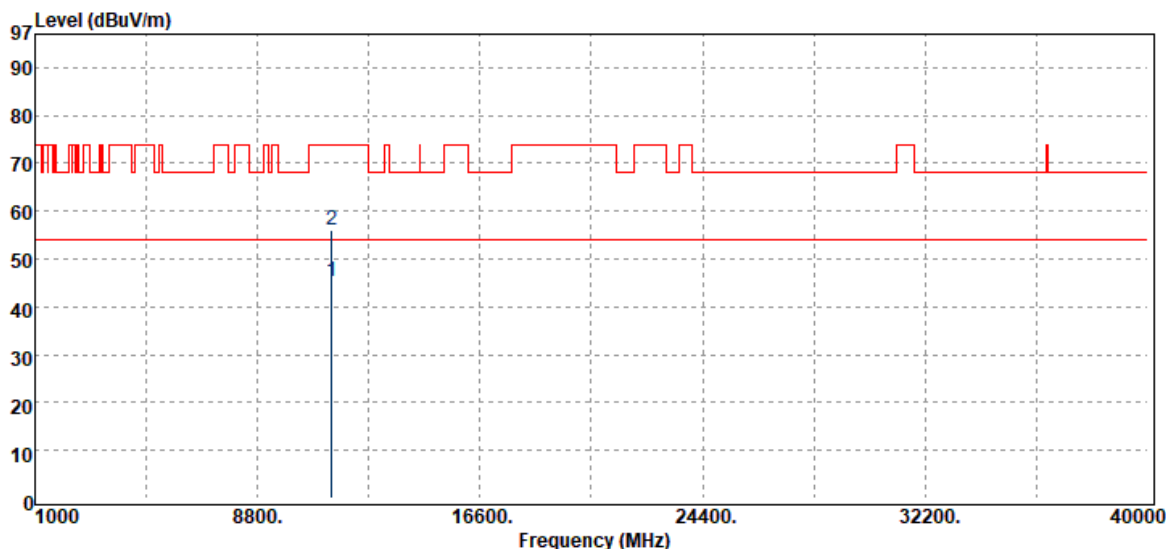
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B3
 Test Channel :5700 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11400.00	Average	24.25	21.10	45.35	54.00	-8.65
11400.00	Peak	34.80	21.10	55.90	74.00	-18.10

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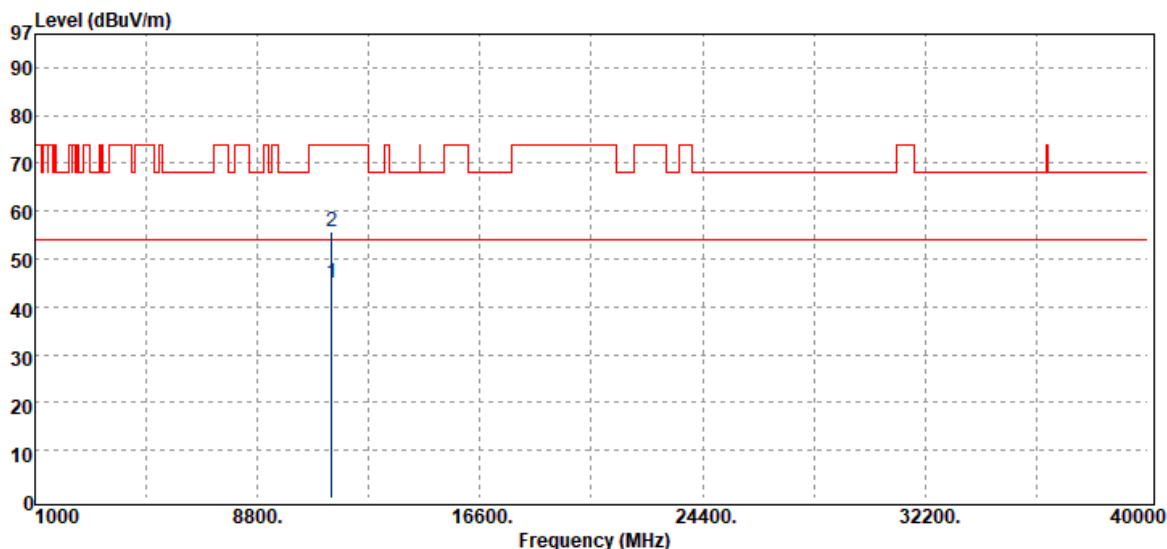
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B3
 Test Channel :5700 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11400.00	Average	24.01	21.10	45.11	54.00	-8.89
11400.00	Peak	34.55	21.10	55.65	74.00	-18.35

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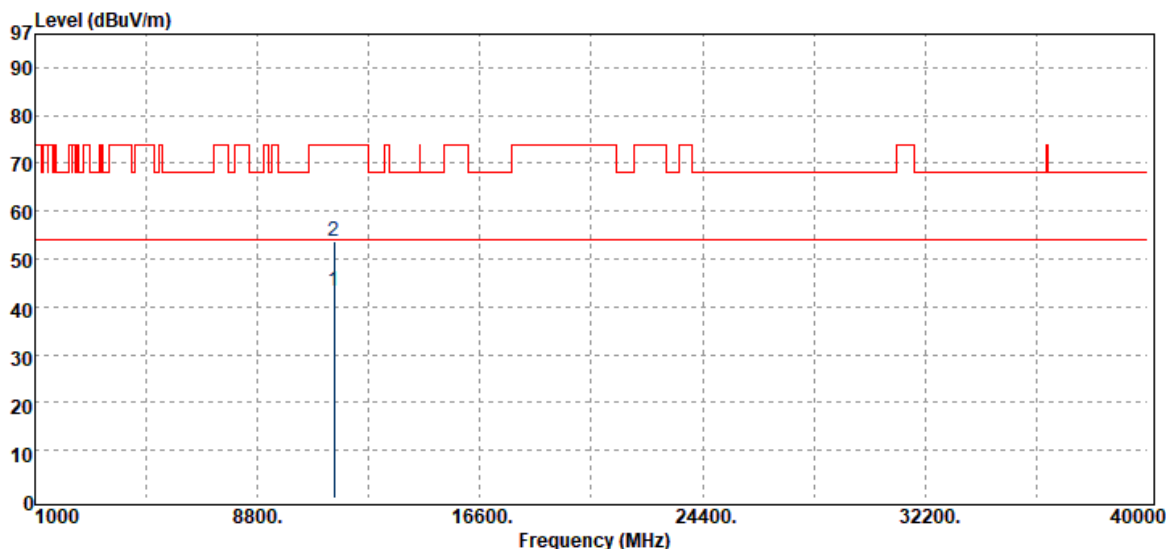
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Report Number :ER/2019/C0048
Operation Mode :802.11n20 B4
Test Channel :5745 MHz
Test Mode :Tx CH Low
EUT Pol :E2 Plane

Test Date :2019-11-26
Temp./Humi. :23.5/64
Antenna Pol. :VERTICAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11490.00	Average	23.49	19.66	43.15	54.00	-10.85
11490.00	Peak	34.02	19.66	53.68	74.00	-20.32

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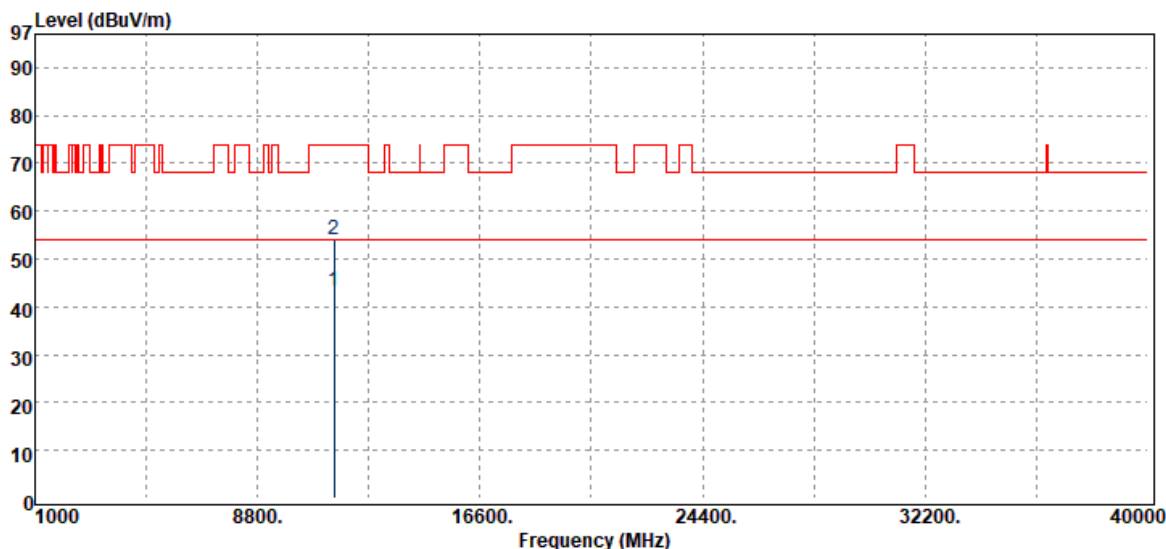
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B4
 Test Channel :5745 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11490.00	Average	23.54	19.66	43.20	54.00	-10.80
11490.00	Peak	34.51	19.66	54.17	74.00	-19.83

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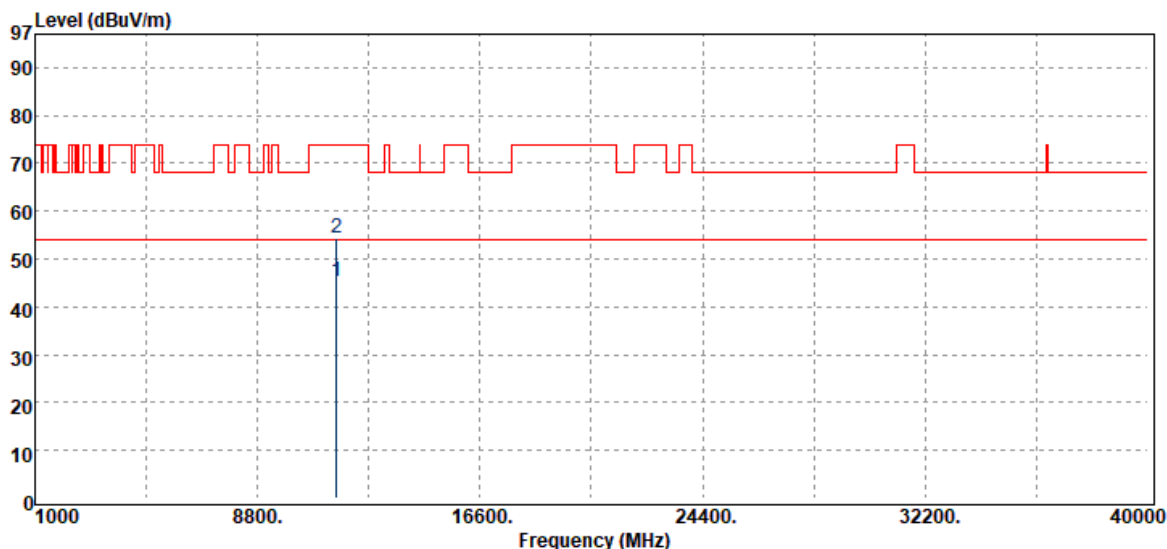
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B4
 Test Channel :5785 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11570.00	Average	24.34	20.93	45.27	54.00	-8.73
11570.00	Peak	33.39	20.93	54.32	74.00	-19.68

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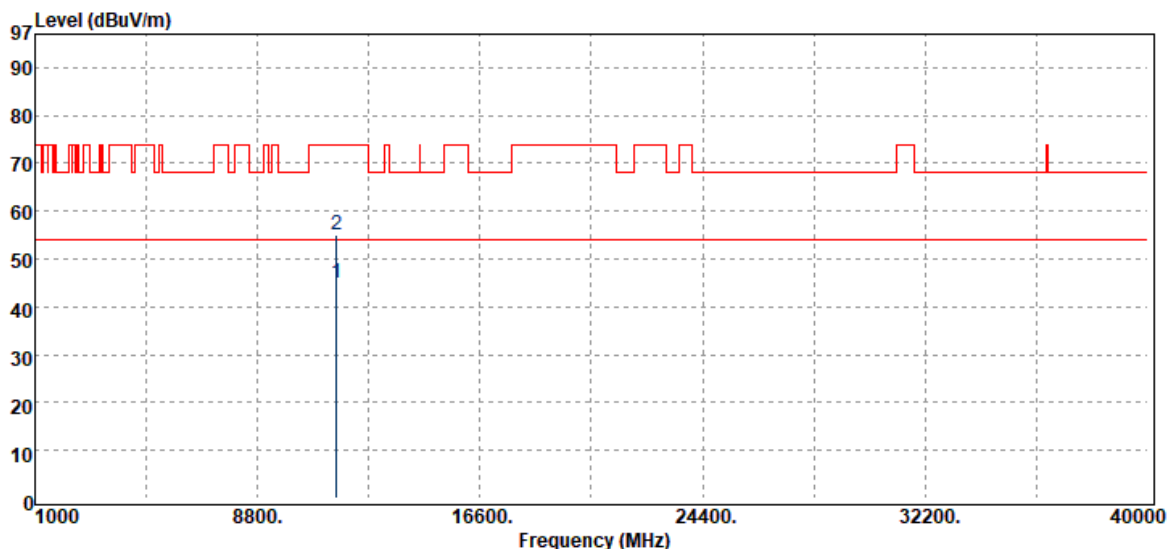
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Report Number :ER/2019/C0048
Operation Mode :802.11n20 B4
Test Channel :5785 MHz
Test Mode :Tx CH Mid
EUT Pol :E2 Plane

Test Date :2019-11-26
Temp./Humi. :23.5/64
Antenna Pol. :HORIZONTAL
Engineer :Kane



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
11570.00	Average	23.93	20.93	44.86	54.00	-9.14
11570.00	Peak	34.00	20.93	54.93	74.00	-19.07

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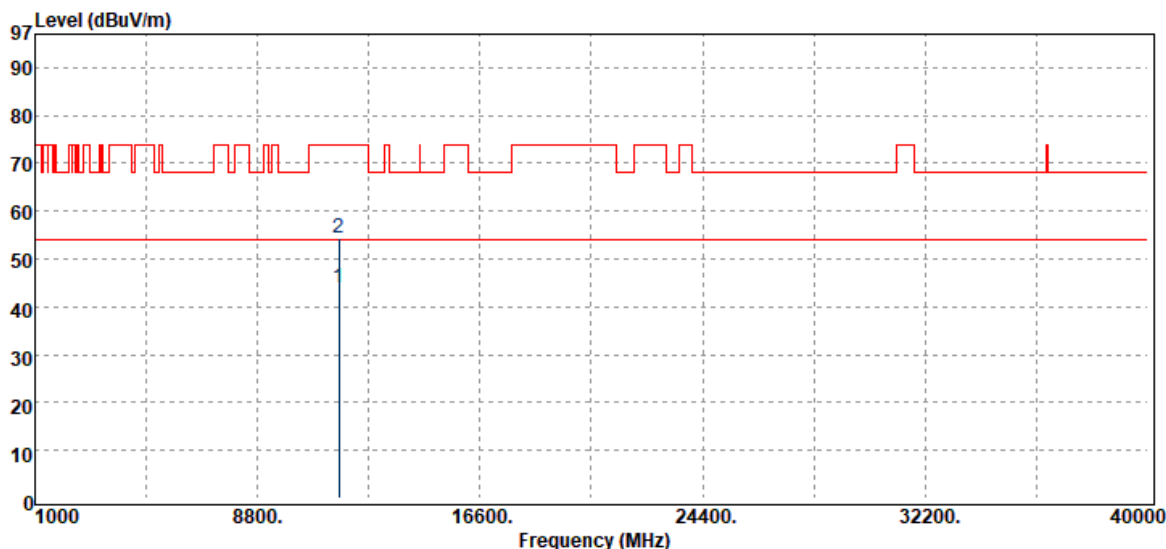
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B4
 Test Channel :5825 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11650.00	Average	23.97	20.07	44.04	54.00	-9.96
11650.00	Peak	34.40	20.07	54.47	74.00	-19.53

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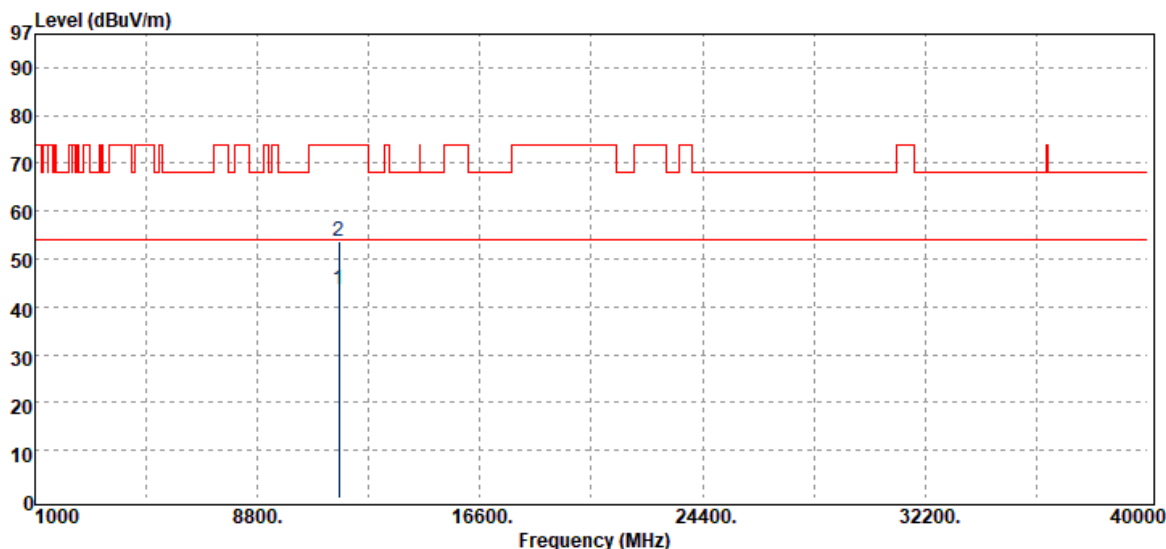
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20 B4
 Test Channel :5825 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11650.00	Average	23.70	20.07	43.77	54.00	-10.23
11650.00	Peak	33.73	20.07	53.80	74.00	-20.20

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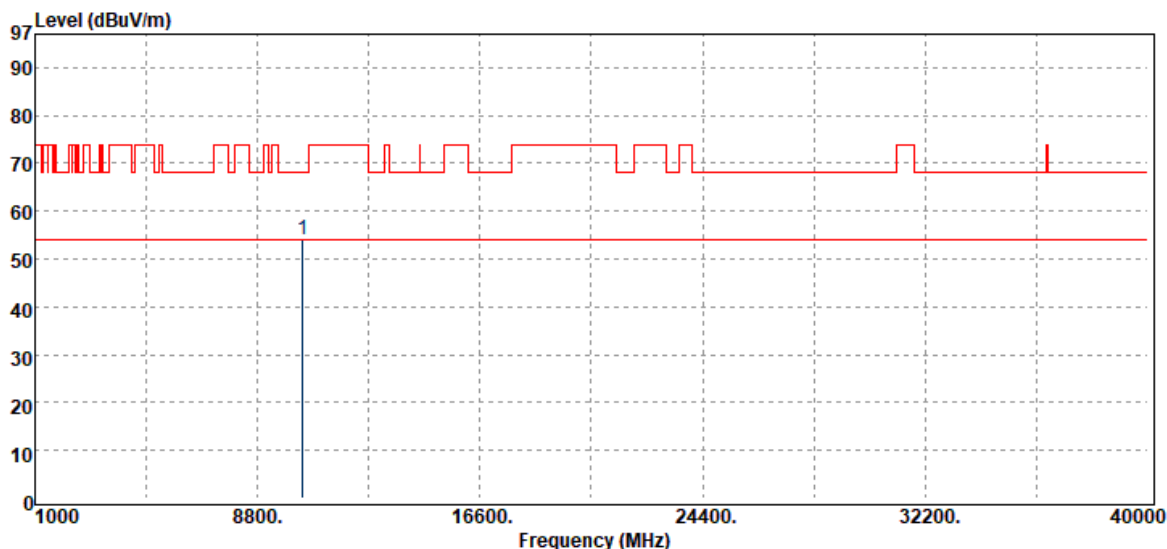
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B1
 Test Channel :5190 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10380.00	Peak	35.09	19.00	54.09	68.20	-14.11

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Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B1
 Test Channel :5190 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10380.00	Peak	35.16	19.00	54.16	68.20	-14.04

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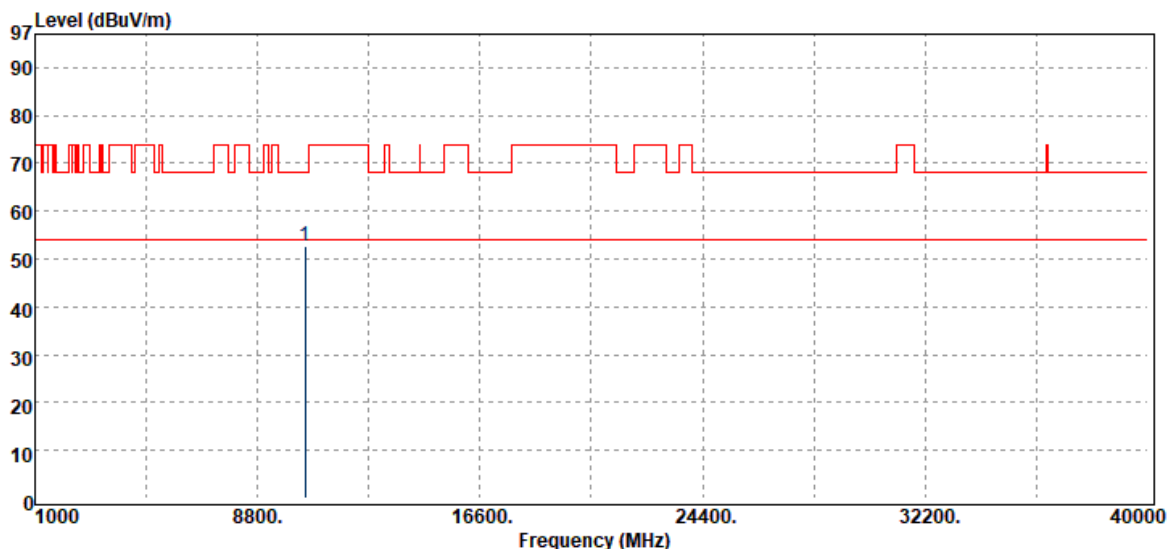
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Member of SGS Group

Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B1
 Test Channel :5230 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10460.00	Peak	34.44	18.11	52.55	68.20	-15.65

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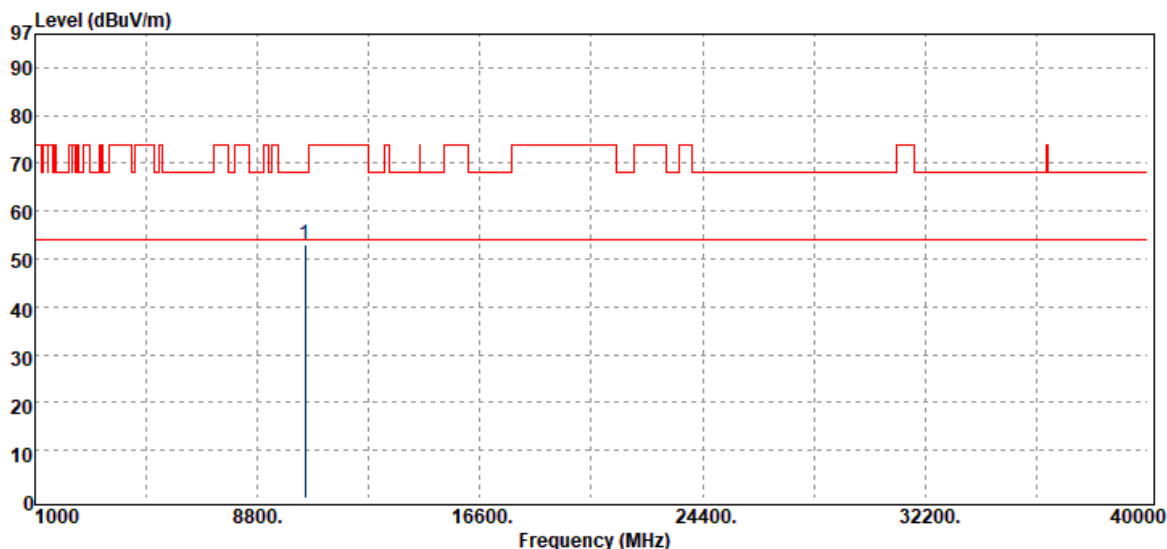
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B1
 Test Channel :5230 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10460.00	Peak	34.83	18.11	52.94	68.20	-15.26

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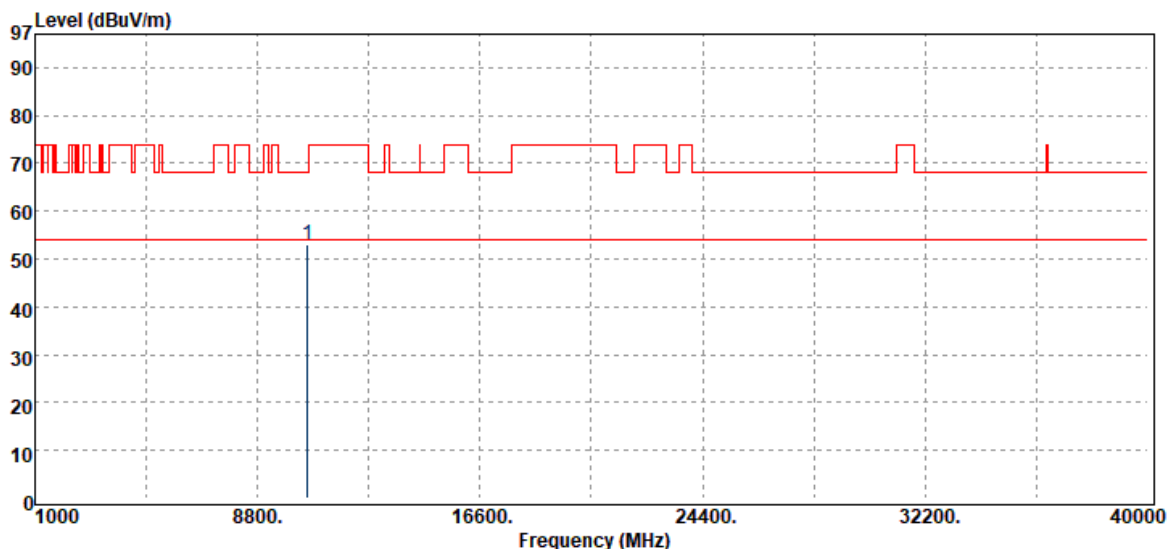
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B2
 Test Channel :5270 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10540.00	Peak	34.77	18.38	53.15	68.20	-15.05

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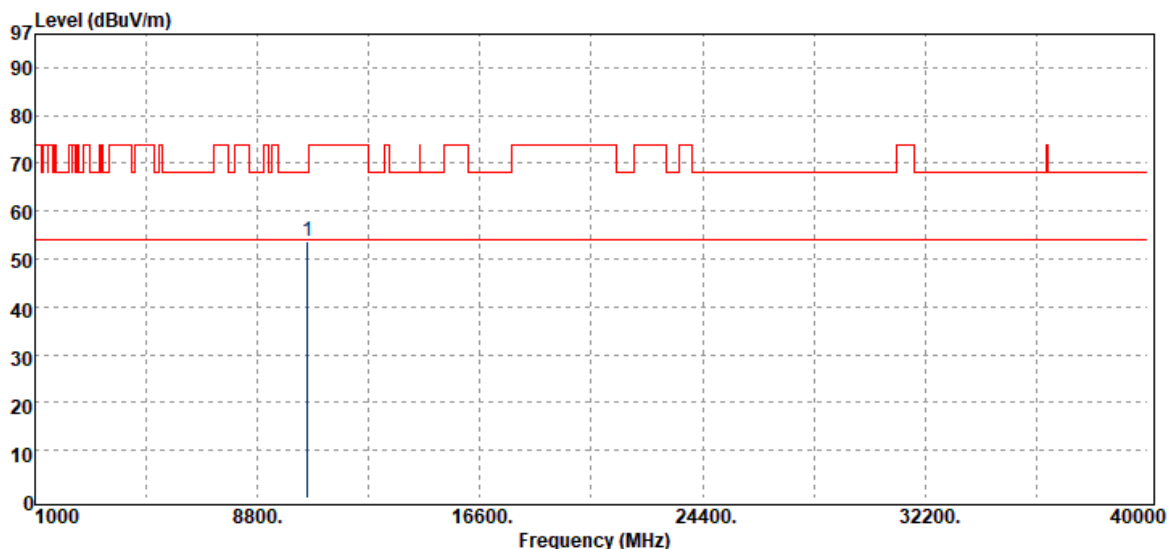
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B2
 Test Channel :5270 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10540.00	Peak	35.25	18.38	53.63	68.20	-14.57

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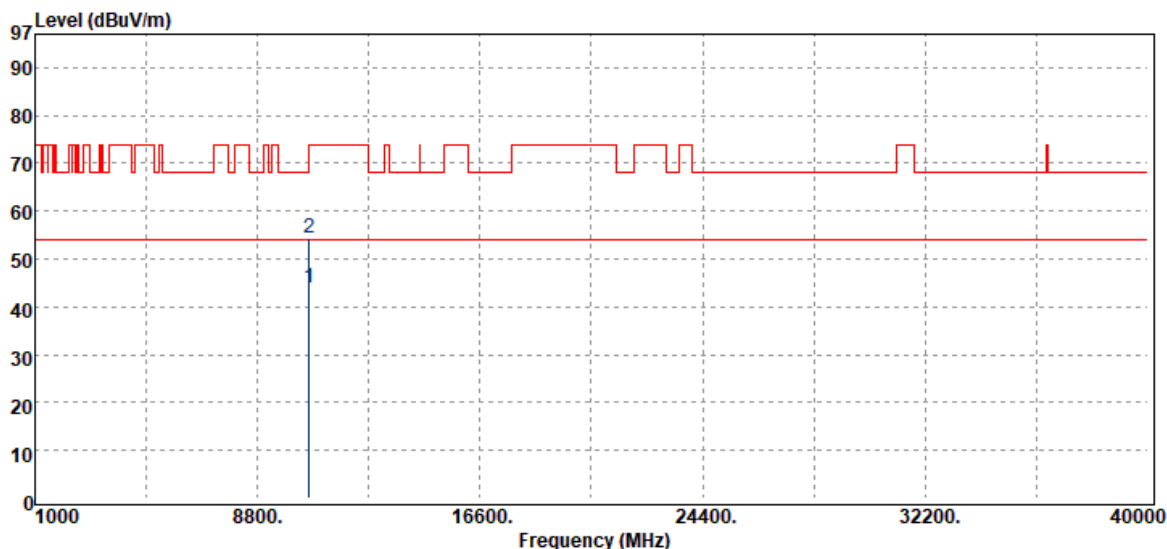
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Report Number :ER/2019/C0048
Operation Mode :802.11n40 B2
Test Channel :5310 MHz
Test Mode :Tx CH High
EUT Pol :E2 Plane

Test Date :2019-11-26
Temp./Humi. :23.5/64
Antenna Pol. :VERTICAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10620.00	Average	24.47	19.33	43.80	54.00	-10.20
10620.00	Peak	35.15	19.33	54.48	74.00	-19.52

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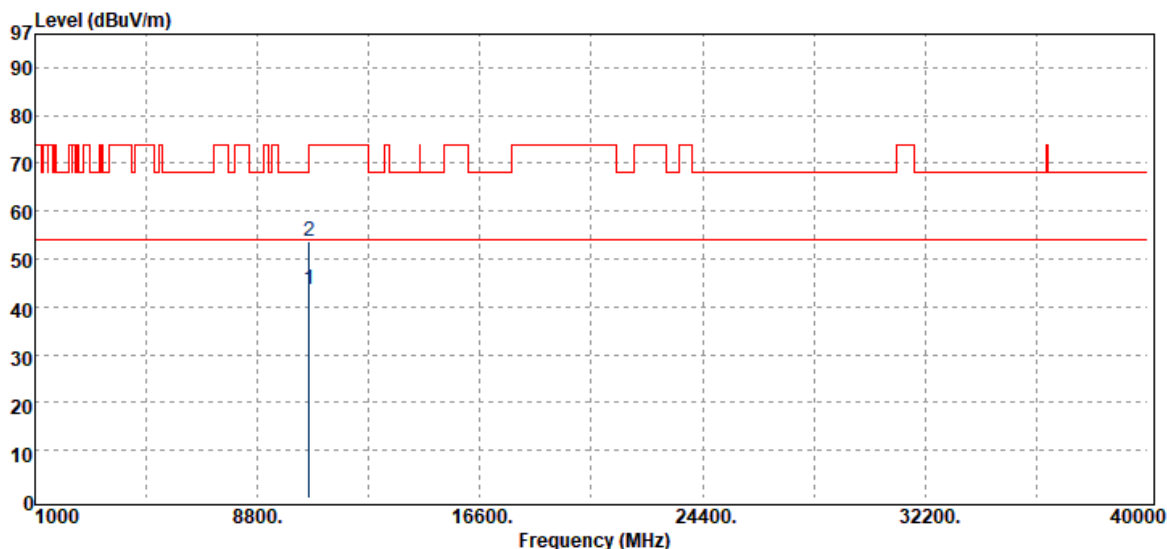
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B2
 Test Channel :5310 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



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
10620.00	Average	24.32	19.33	43.65	54.00	-10.35
10620.00	Peak	34.33	19.33	53.66	74.00	-20.34

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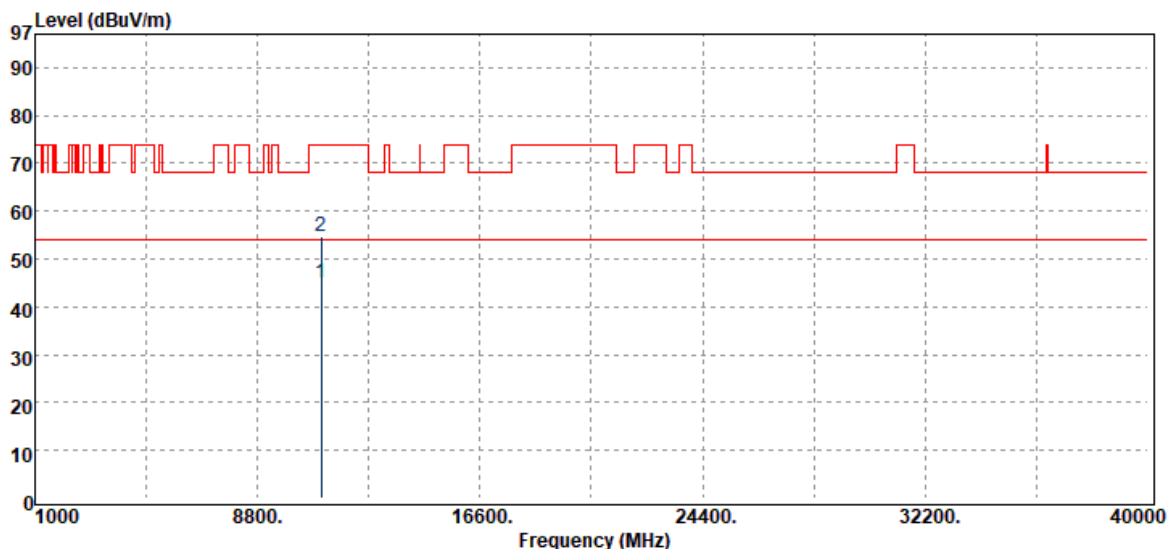
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B3
 Test Channel :5510 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11020.00	Average	24.24	20.69	44.93	54.00	-9.07
11020.00	Peak	33.98	20.69	54.67	74.00	-19.33

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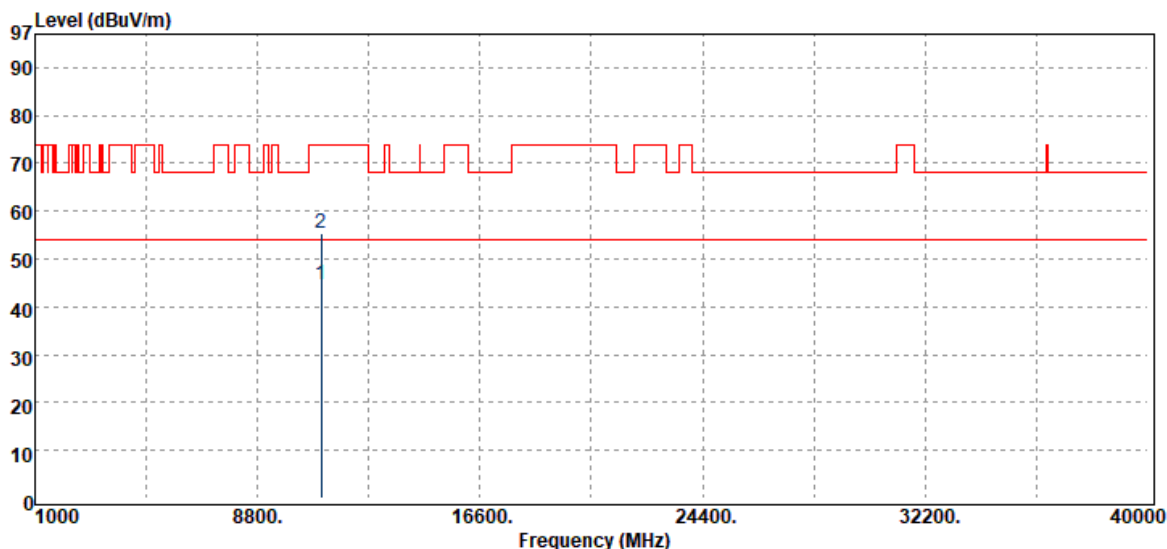
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Report Number :ER/2019/C0048
Operation Mode :802.11n40 B3
Test Channel :5510 MHz
Test Mode :Tx CH Low
EUT Pol :E2 Plane

Test Date :2019-11-26
Temp./Humi. :23.5/64
Antenna Pol. :HORIZONTAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11020.00	Average	24.04	20.69	44.73	54.00	-9.27
11020.00	Peak	34.84	20.69	55.53	74.00	-18.47

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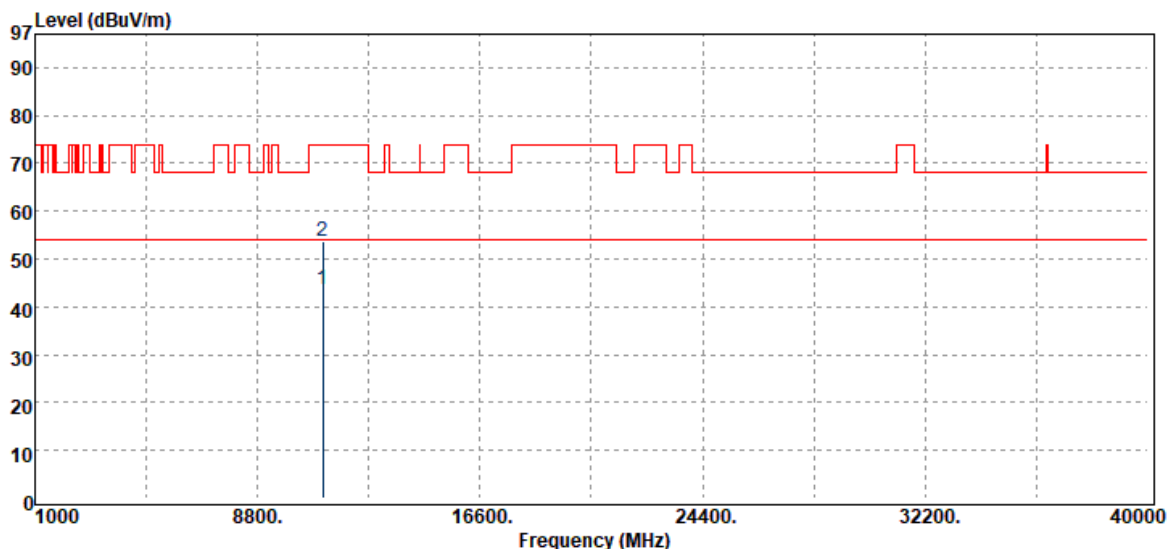
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B3
 Test Channel :5550 MHz
 Test Mode :Tx CH Mid
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11100.00	Average	24.02	19.75	43.77	54.00	-10.23
11100.00	Peak	33.93	19.75	53.68	74.00	-20.32

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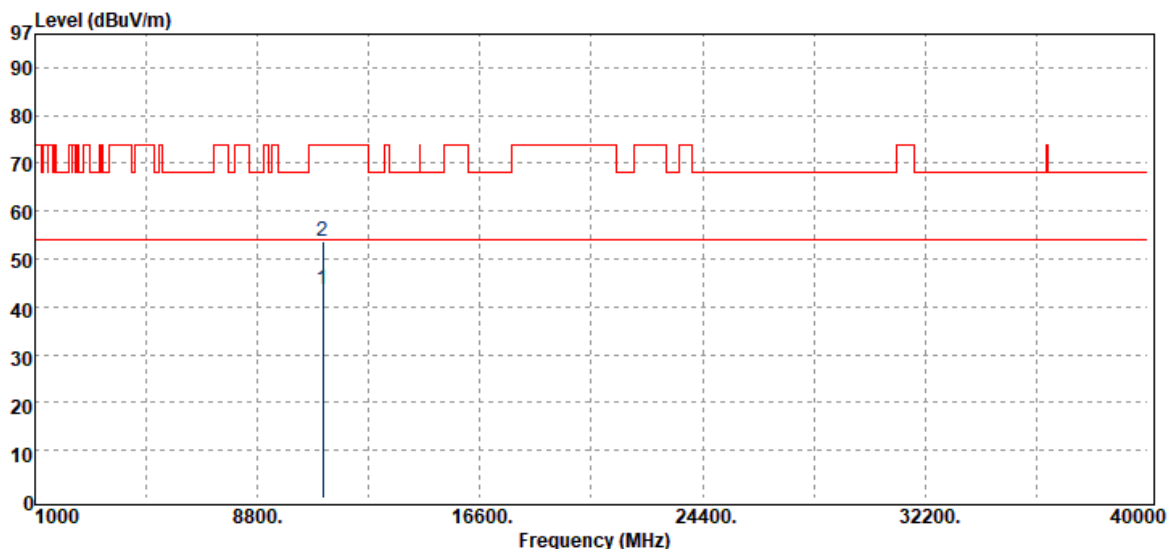
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Report Number :ER/2019/C0048
Operation Mode :802.11n40 B3
Test Channel :5550 MHz
Test Mode :Tx CH Mid
EUT Pol :E2 Plane

Test Date :2019-11-26
Temp./Humi. :23.5/64
Antenna Pol. :HORIZONTAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11100.00	Average	24.00	19.75	43.75	54.00	-10.25
11100.00	Peak	33.82	19.75	53.57	74.00	-20.43

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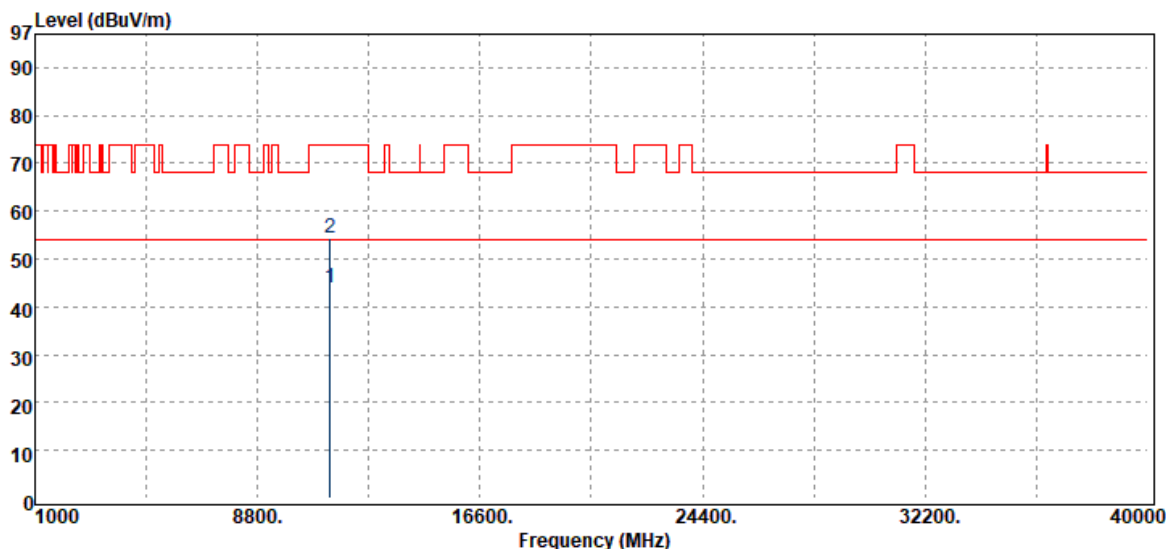
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B3
 Test Channel :5670 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11340.00	Average	24.20	19.73	43.93	54.00	-10.07
11340.00	Peak	34.75	19.73	54.48	74.00	-19.52

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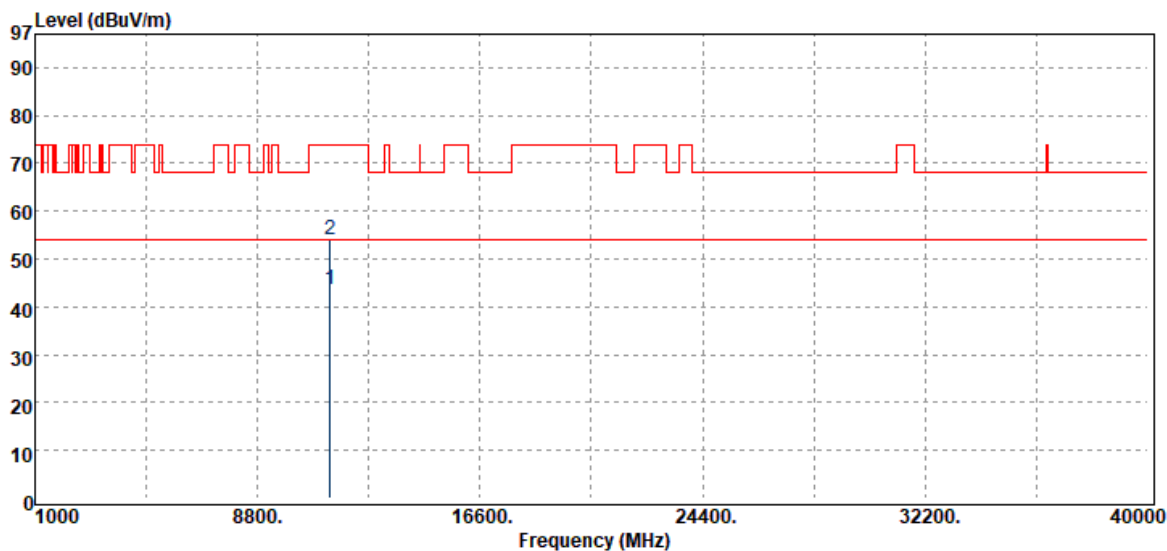
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Report Number :ER/2019/C0048
Operation Mode :802.11n40 B3
Test Channel :5670 MHz
Test Mode :Tx CH High
EUT Pol :E2 Plane

Test Date :2019-11-26
Temp./Humi. :23.5/64
Antenna Pol. :HORIZONTAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11340.00	Average	24.05	19.73	43.78	54.00	-10.22
11340.00	Peak	34.33	19.73	54.06	74.00	-19.94

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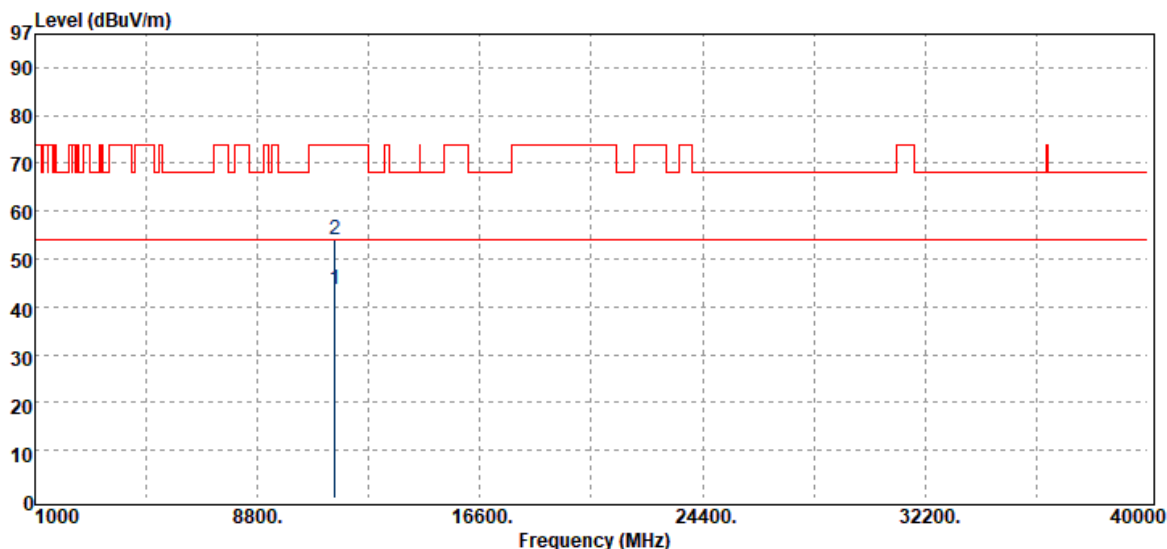
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Report Number :ER/2019/C0048
Operation Mode :802.11n40 B4
Test Channel :5755 MHz
Test Mode :Tx CH Low
EUT Pol :E2 Plane

Test Date :2019-11-26
Temp./Humi. :23.5/64
Antenna Pol. :VERTICAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11510.00	Average	23.79	19.78	43.57	54.00	-10.43
11510.00	Peak	34.25	19.78	54.03	74.00	-19.97

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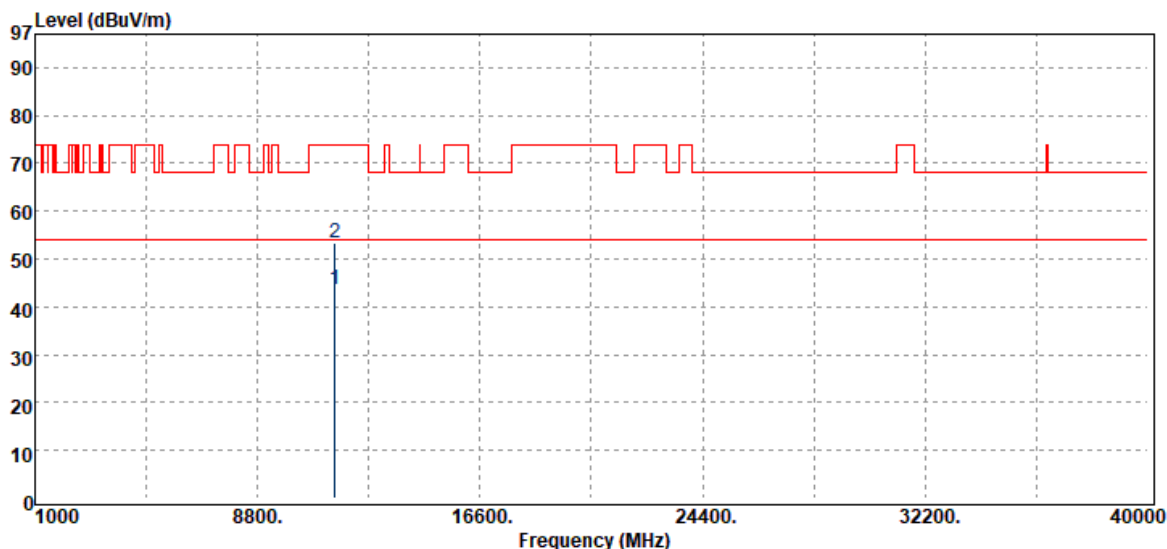
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Report Number :ER/2019/C0048
Operation Mode :802.11n40 B4
Test Channel :5755 MHz
Test Mode :Tx CH Low
EUT Pol :E2 Plane

Test Date :2019-11-26
Temp./Humi. :23.5/64
Antenna Pol. :HORIZONTAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11510.00	Average	23.73	19.78	43.51	54.00	-10.49
11510.00	Peak	33.65	19.78	53.43	74.00	-20.57

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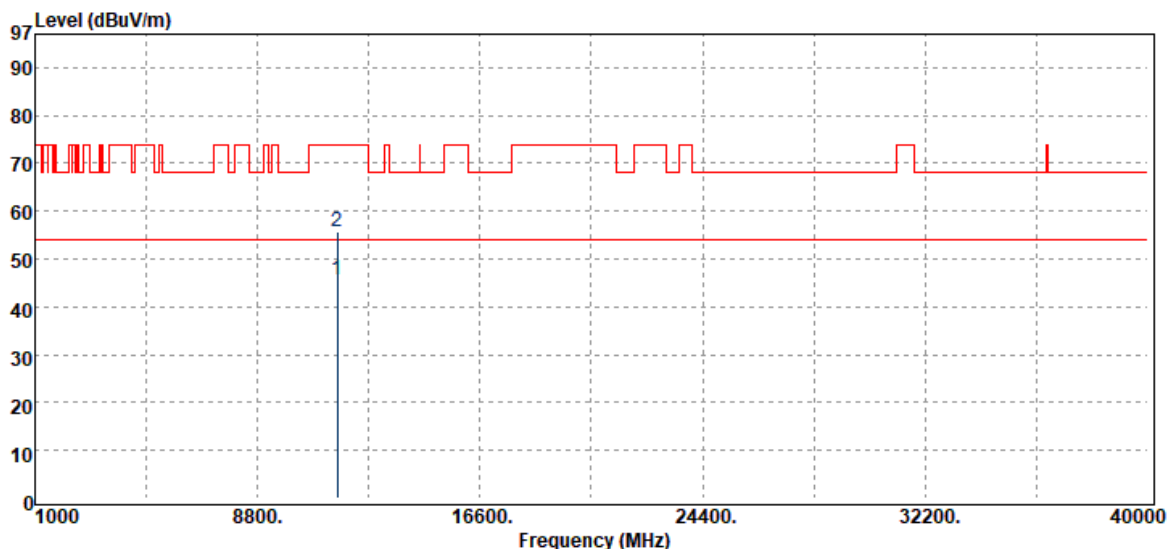
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B4
 Test Channel :5795 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11590.00	Average	24.42	21.38	45.80	54.00	-8.20
11590.00	Peak	34.42	21.38	55.80	74.00	-18.20

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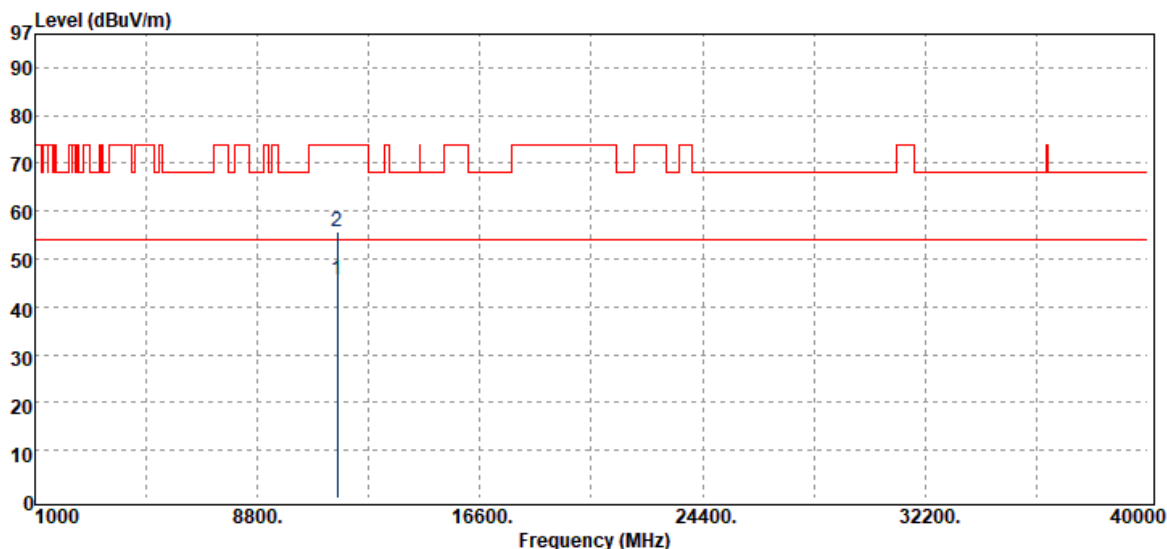
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40 B4
 Test Channel :5795 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



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
11590.00	Average	24.28	21.38	45.66	54.00	-8.34
11590.00	Peak	34.32	21.38	55.70	74.00	-18.30

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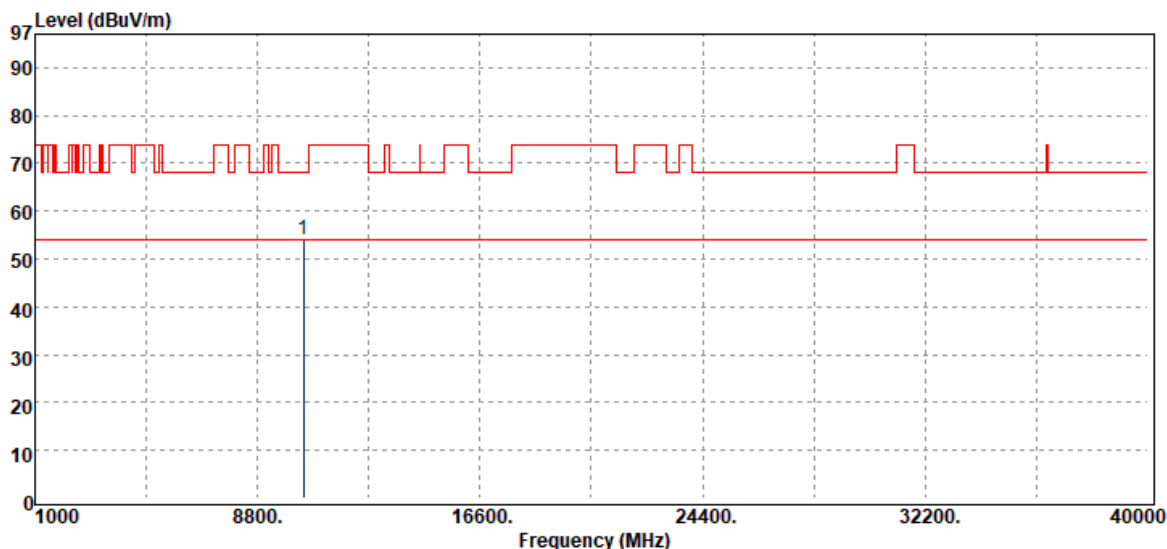
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80 B1
 Test Channel :5210 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10420.00	Peak	35.11	18.93	54.04	68.20	-14.16

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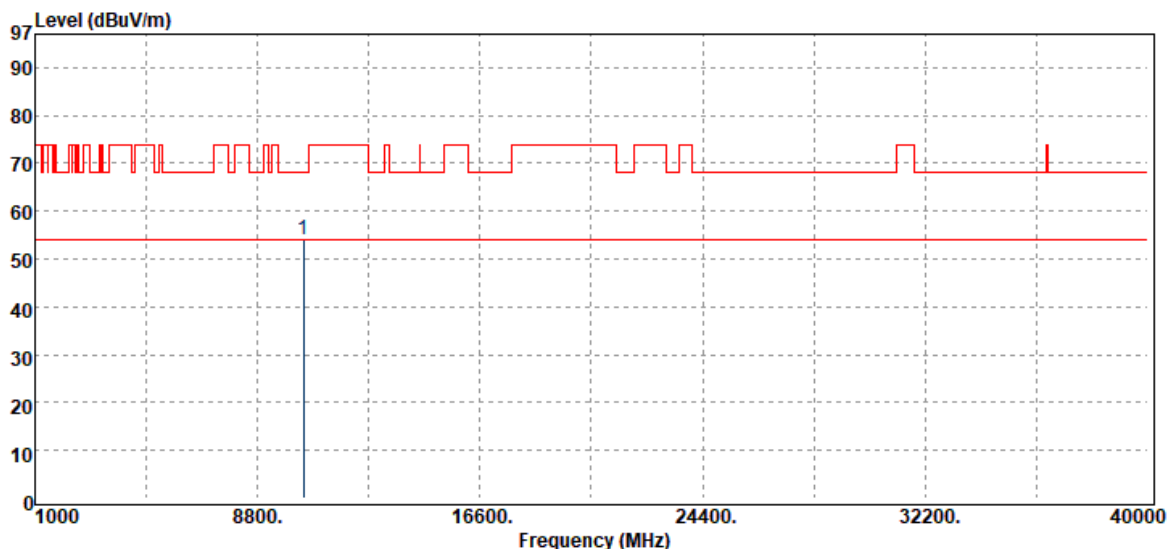
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80 B1
 Test Channel :5210 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10420.00	Peak	35.02	18.93	53.95	68.20	-14.25

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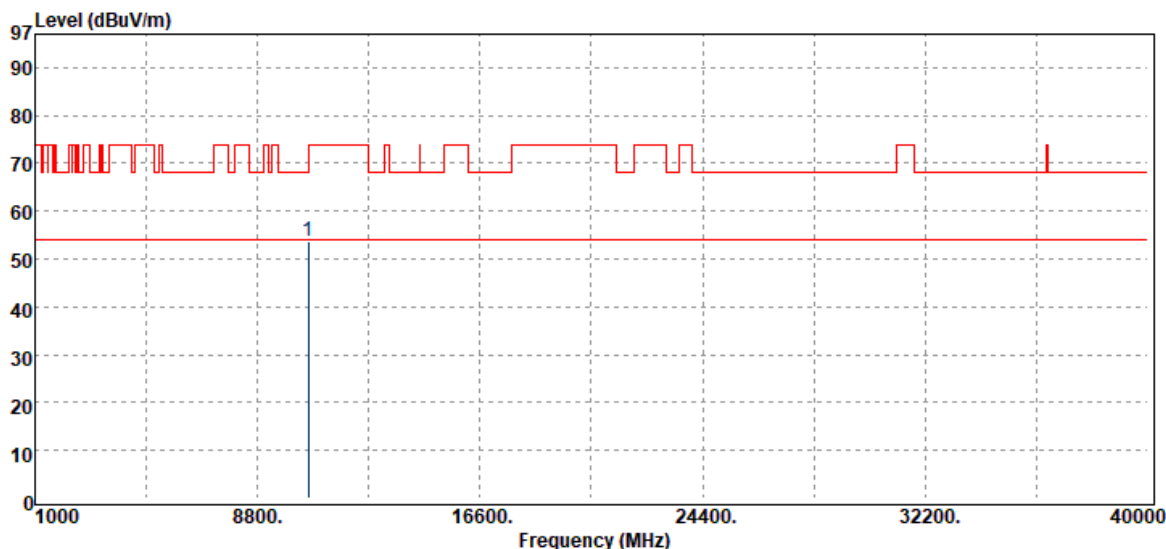
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80 B2
 Test Channel :5290 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10580.00	Peak	34.79	18.85	53.64	68.20	-14.56

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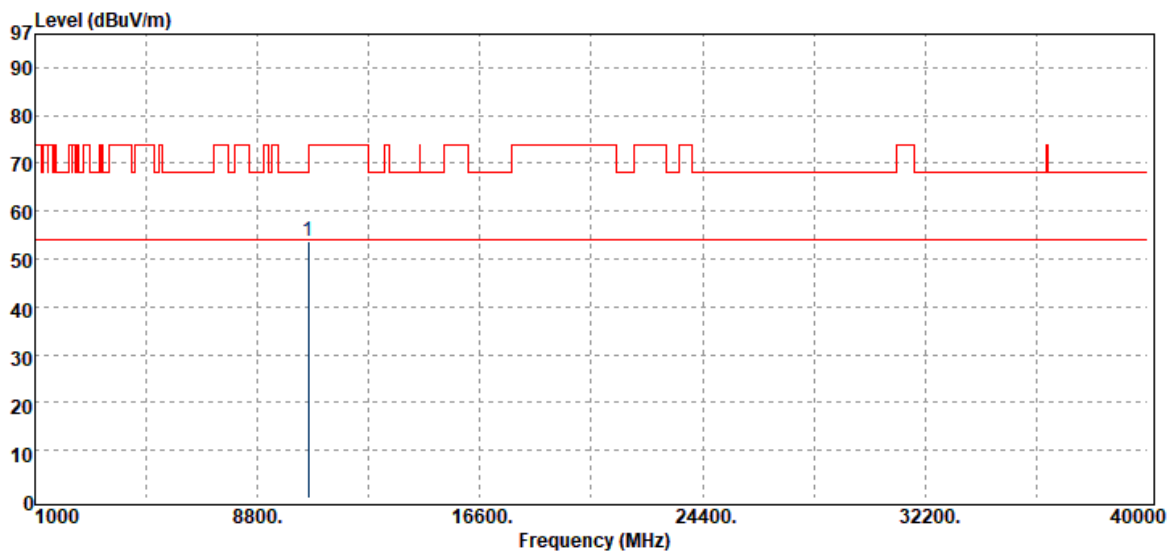
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Member of SGS Group

Report Number :ER/2019/C0048
 Operation Mode :802.11ac80 B2
 Test Channel :5290 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



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
10580.00	Peak	34.71	18.85	53.56	68.20	-14.64

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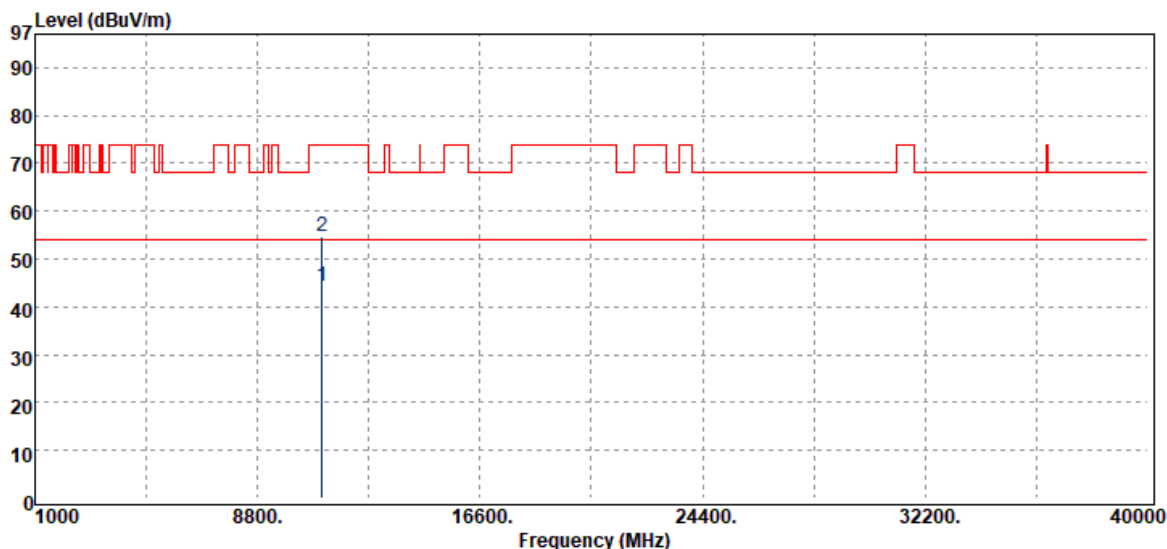
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Report Number :ER/2019/C0048
Operation Mode :802.11ac80 B3
Test Channel :5530 MHz
Test Mode :Tx CH Low
EUT Pol :E2 Plane

Test Date :2019-11-26
Temp./Humi. :23.5/64
Antenna Pol. :VERTICAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11060.00	Average	24.14	20.19	44.33	54.00	-9.67
11060.00	Peak	34.58	20.19	54.77	74.00	-19.23

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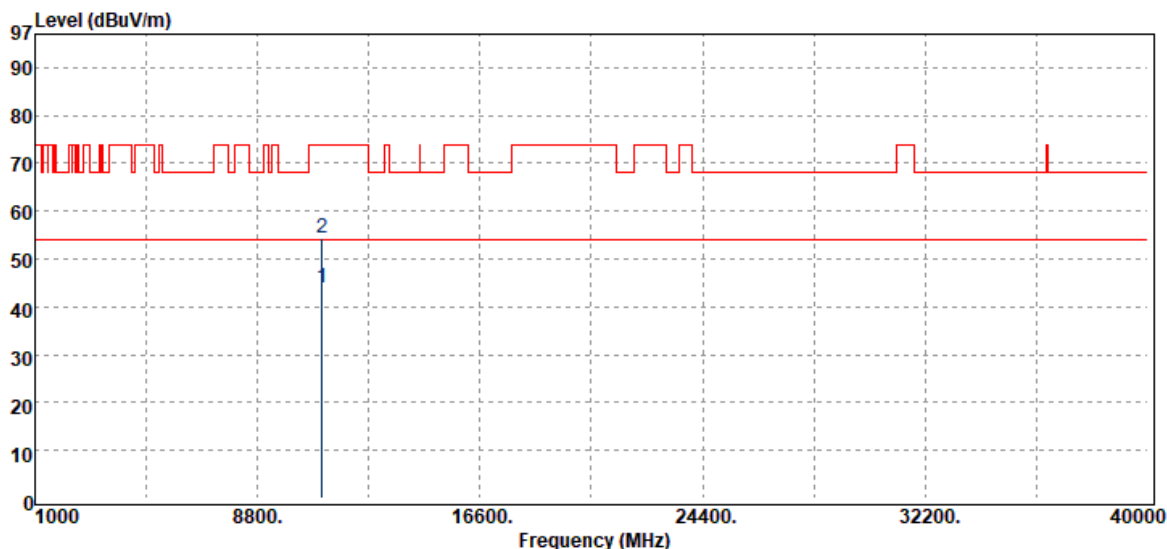
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80 B3
 Test Channel :5530 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11060.00	Average	23.85	20.19	44.04	54.00	-9.96
11060.00	Peak	34.06	20.19	54.25	74.00	-19.75

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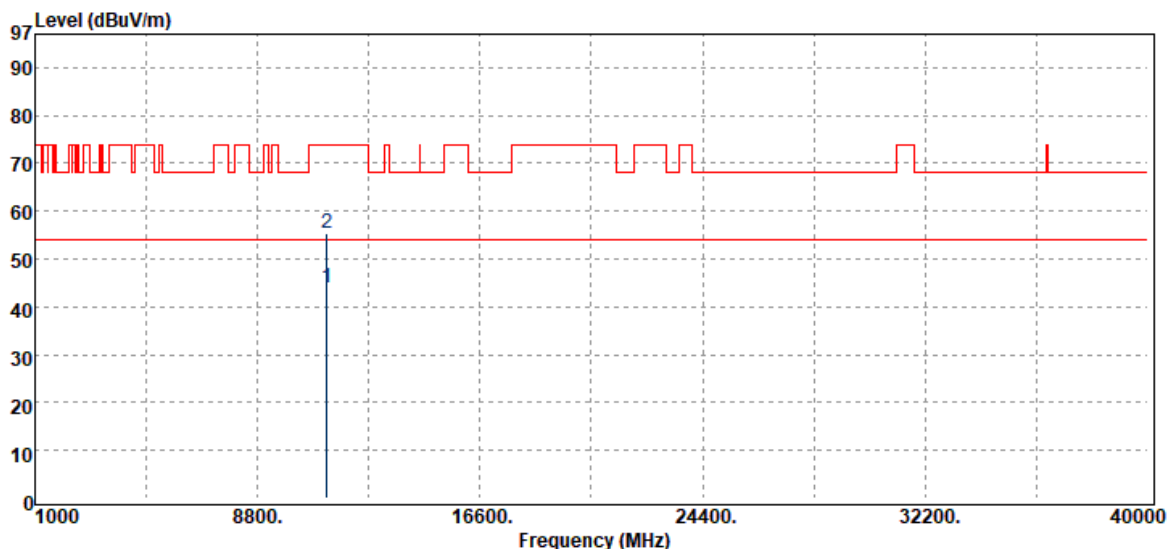
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Member of SGS Group

Report Number :ER/2019/C0048
 Operation Mode :802.11ac80 B3
 Test Channel :5610 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11220.00	Average	24.20	19.80	44.00	54.00	-10.00
11220.00	Peak	35.64	19.80	55.44	74.00	-18.56

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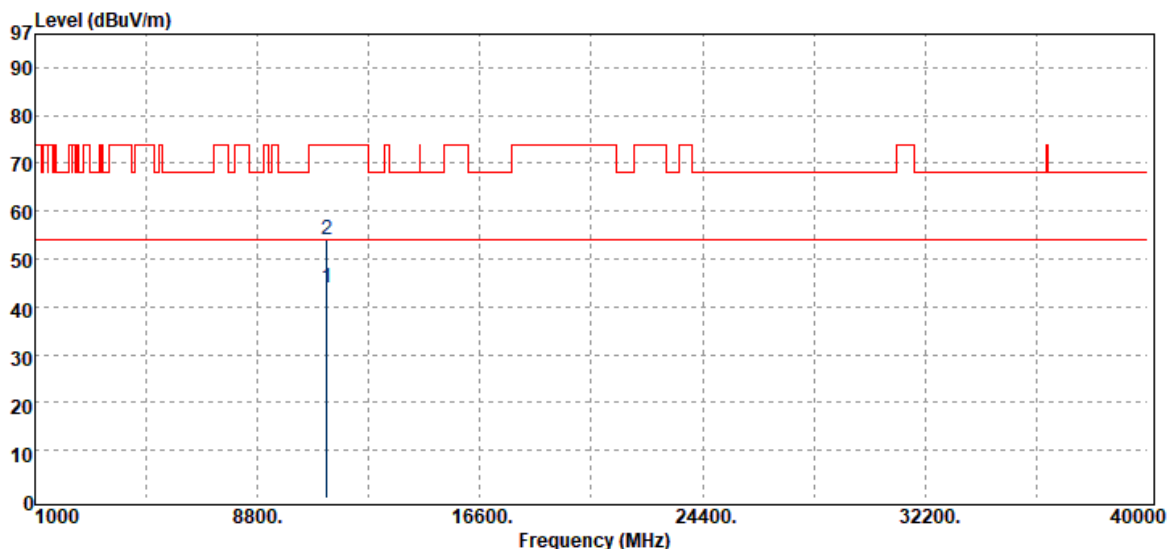
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80 B3
 Test Channel :5610 MHz
 Test Mode :Tx CH High
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11220.00	Average	24.31	19.80	44.11	54.00	-9.89
11220.00	Peak	34.38	19.80	54.18	74.00	-19.82

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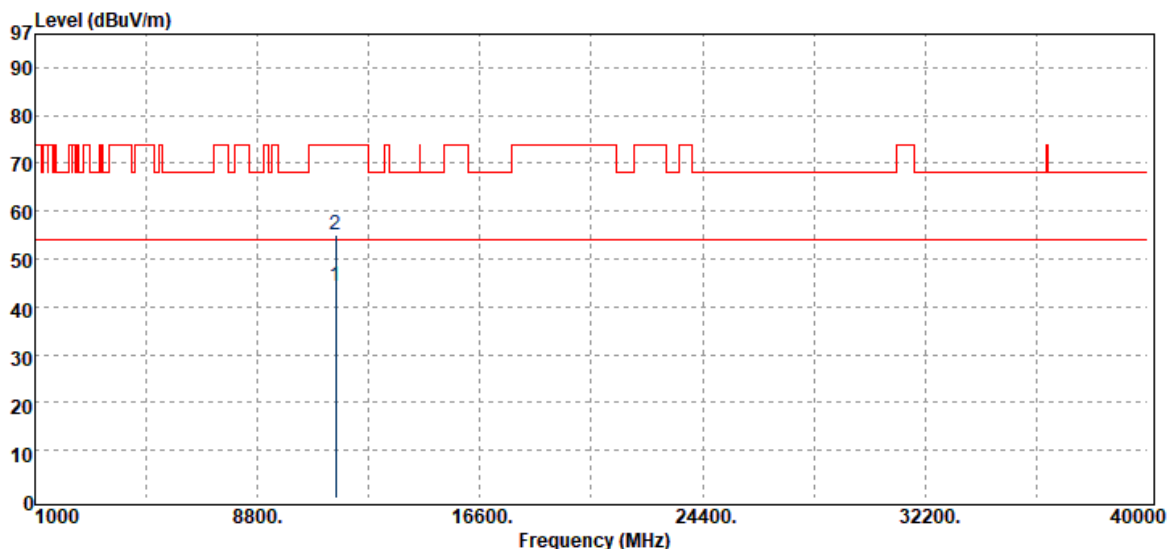
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Report Number :ER/2019/C0048
Operation Mode :802.11ac80 B4
Test Channel :5775 MHz
Test Mode :Tx CH Low
EUT Pol :E2 Plane

Test Date :2019-11-26
Temp./Humi. :23.5/64
Antenna Pol. :VERTICAL
Engineer :Kane



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	23.99	20.48	44.47	54.00	-9.53
11550.00	Peak	34.44	20.48	54.92	74.00	-19.08

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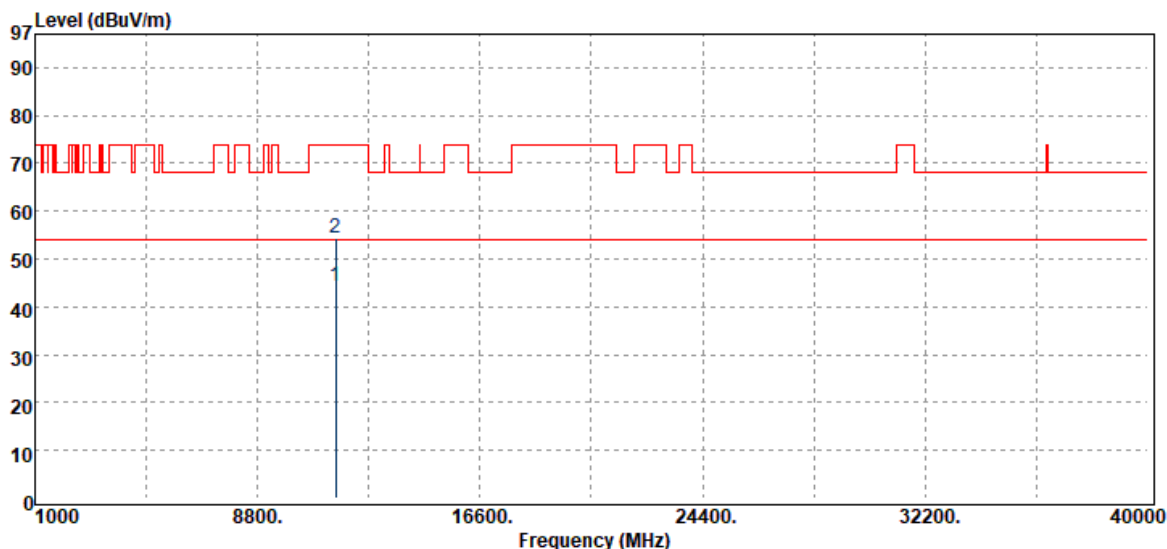
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Member of SGS Group

Report Number :ER/2019/C0048
 Operation Mode :802.11ac80 B4
 Test Channel :5775 MHz
 Test Mode :Tx CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-26
 Temp./Humi. :23.5/64
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11550.00	Average	23.90	20.48	44.38	54.00	-9.62
11550.00	Peak	33.96	20.48	54.44	74.00	-19.56

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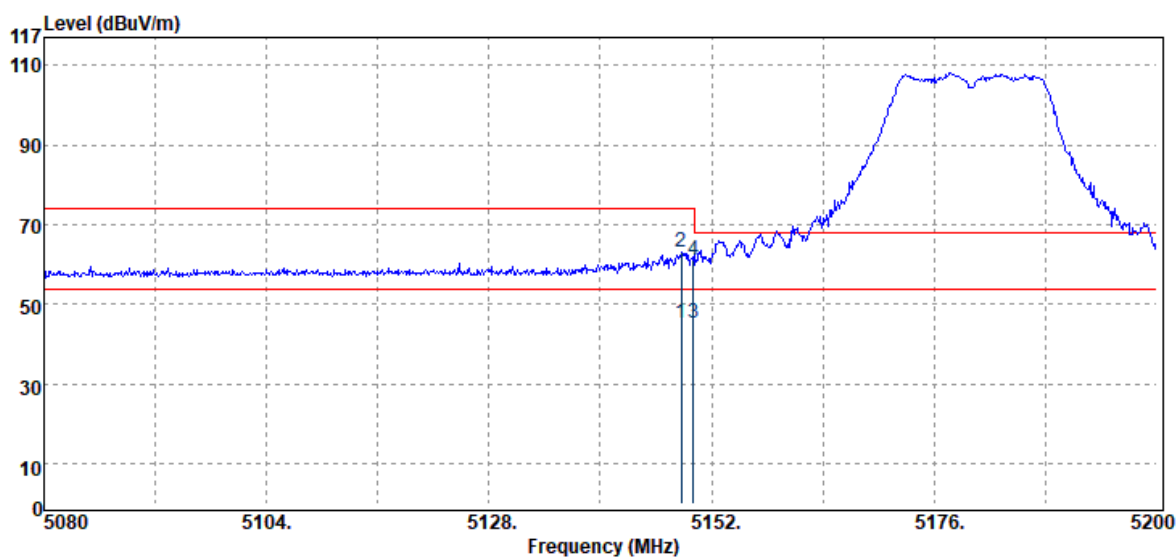
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11.7.3 Band edge falling to restricted band

External Antenna (Type: Dipole Antenna, Model no: R380500314)

Report Number	:ER/2019/C0048	Test Date	:2019-11-31
Operation Mode	:802.11aB1	Temp./Humi.	:22.3/65
Test Channel	:5180 MHz	Antenna Pol.	:VERTICAL
Test Mode	:Bandedge CH Low	Engineer	:Kane
EUT Pol	:E2 Plane		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5148.76	Average	38.11	7.12	45.23	54.00	-8.77
5148.76	Peak	55.94	7.12	63.06	74.00	-10.94
5150.00	Average	38.24	7.10	45.34	54.00	-8.66
5150.00	Peak	53.93	7.10	61.03	74.00	-12.97

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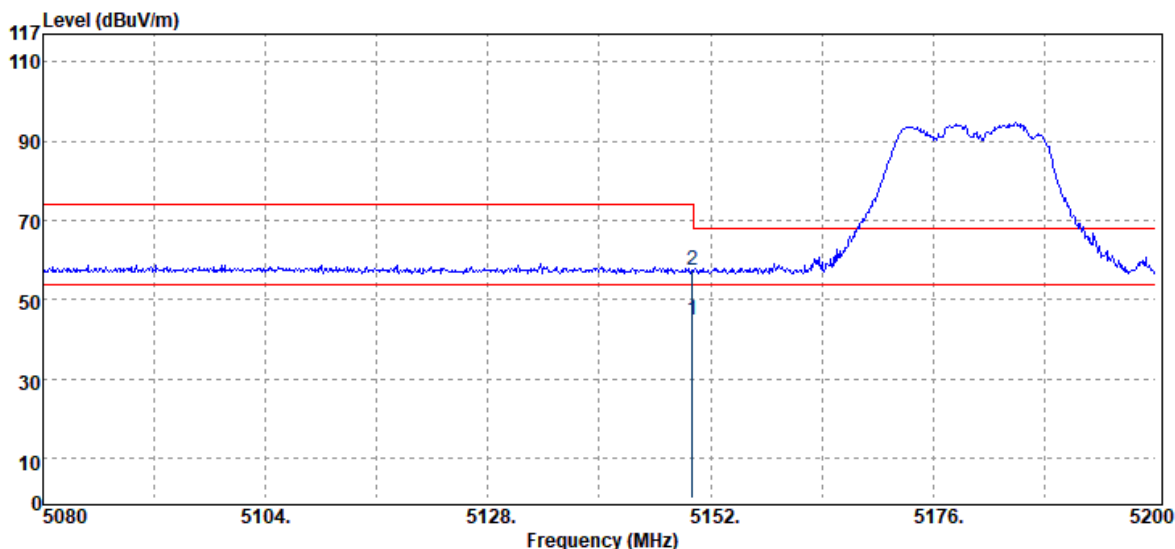
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Report Number :ER/2019/C0048
 Operation Mode :802.11aB1
 Test Channel :5180 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



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
5150.00	Average	37.64	7.10	44.74	54.00	-9.26
5150.00	Peak	50.54	7.10	57.64	74.00	-16.36

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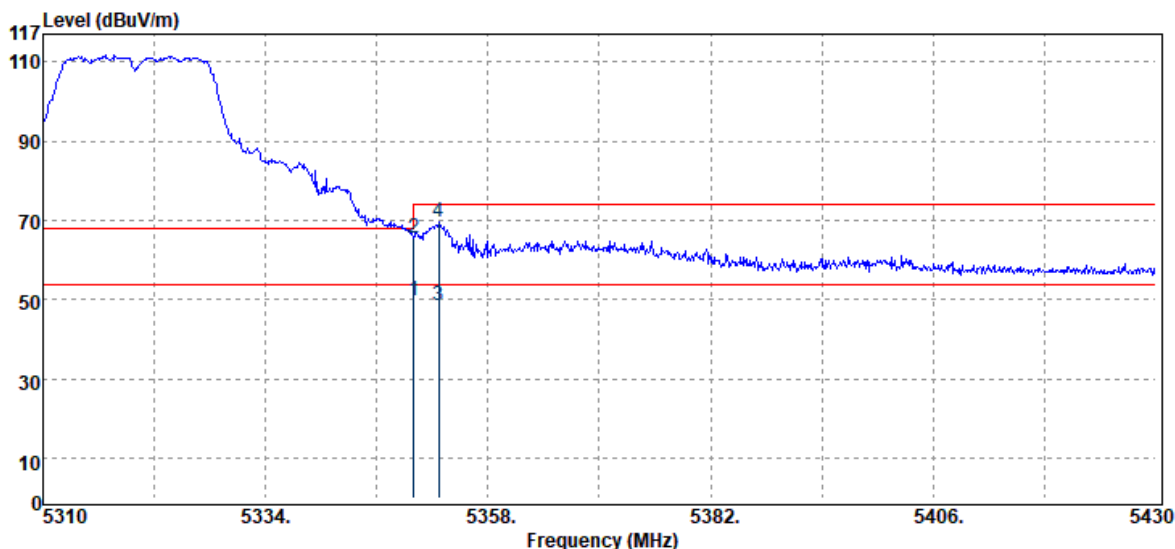
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Report Number :ER/2019/C0048
 Operation Mode :802.11aB2
 Test Channel :5320 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.00	Average	43.63	6.21	49.84	54.00	-4.16
5350.00	Peak	59.53	6.21	65.74	74.00	-8.26
5352.72	Average	42.38	6.22	48.60	54.00	-5.40
5352.72	Peak	63.25	6.22	69.47	74.00	-4.53

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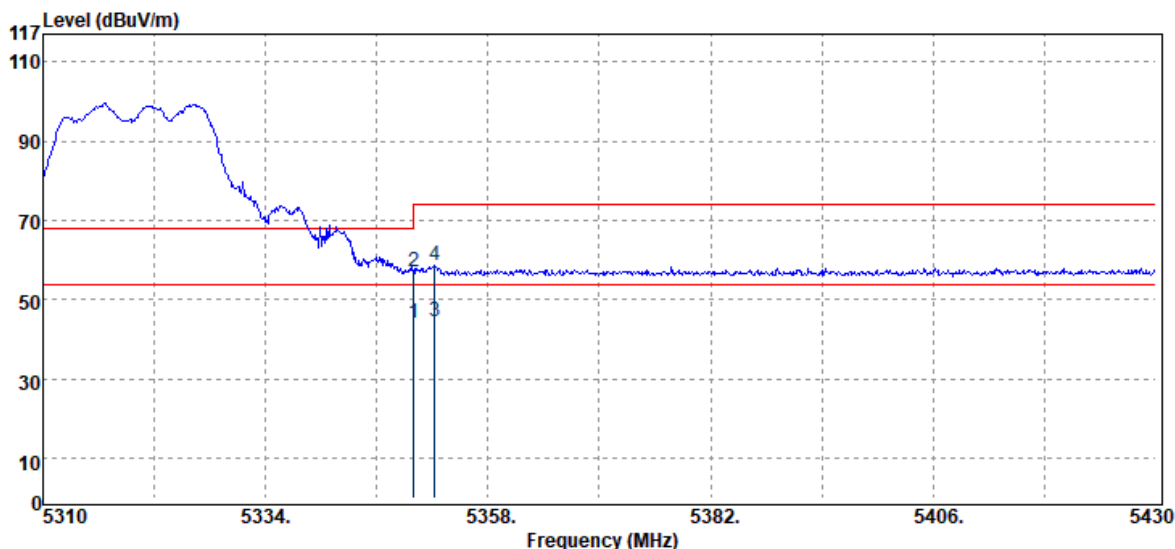
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Report Number :ER/2019/C0048
 Operation Mode :802.11aB2
 Test Channel :5320 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.00	Average	38.05	6.21	44.26	54.00	-9.74
5350.00	Peak	50.97	6.21	57.18	74.00	-16.82
5352.24	Average	38.16	6.22	44.38	54.00	-9.62
5352.24	Peak	52.49	6.22	58.71	74.00	-15.29

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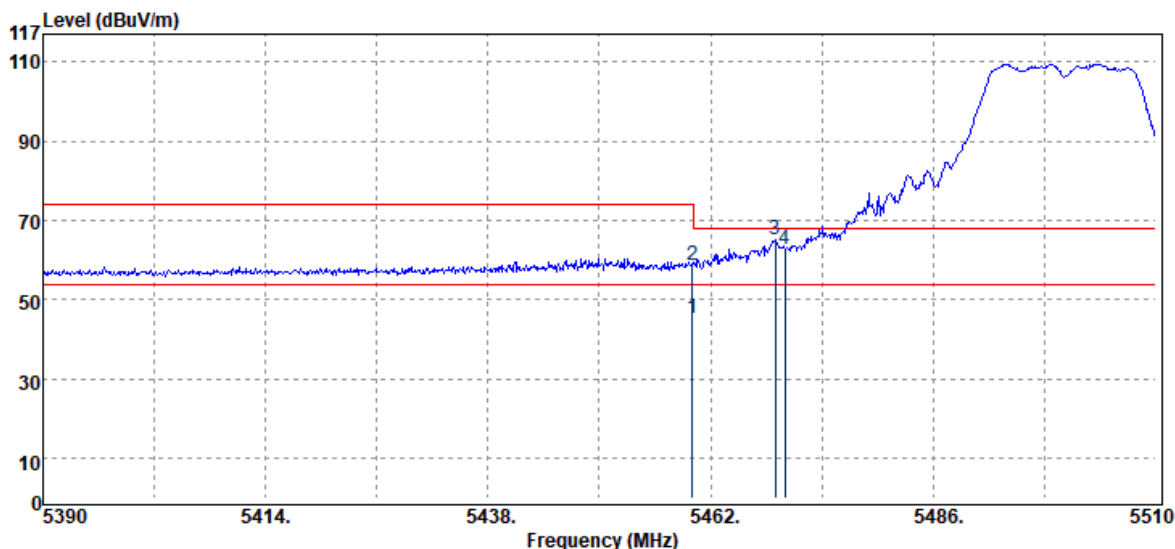
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Report Number :ER/2019/C0048
Operation Mode :802.11aB3
Test Channel :5500 MHz
Test Mode :Bandedge CH Low
EUT Pol :E2 Plane

Test Date :2019-11-31
Temp./Humi. :22.3/65
Antenna Pol. :VERTICAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5460.00	Average	38.46	6.69	45.15	54.00	-8.85
5460.00	Peak	51.96	6.69	58.65	74.00	-15.35
5468.96	Peak	58.32	6.76	65.08	68.20	-3.12
5470.00	Peak	55.90	6.77	62.67	68.20	-5.53

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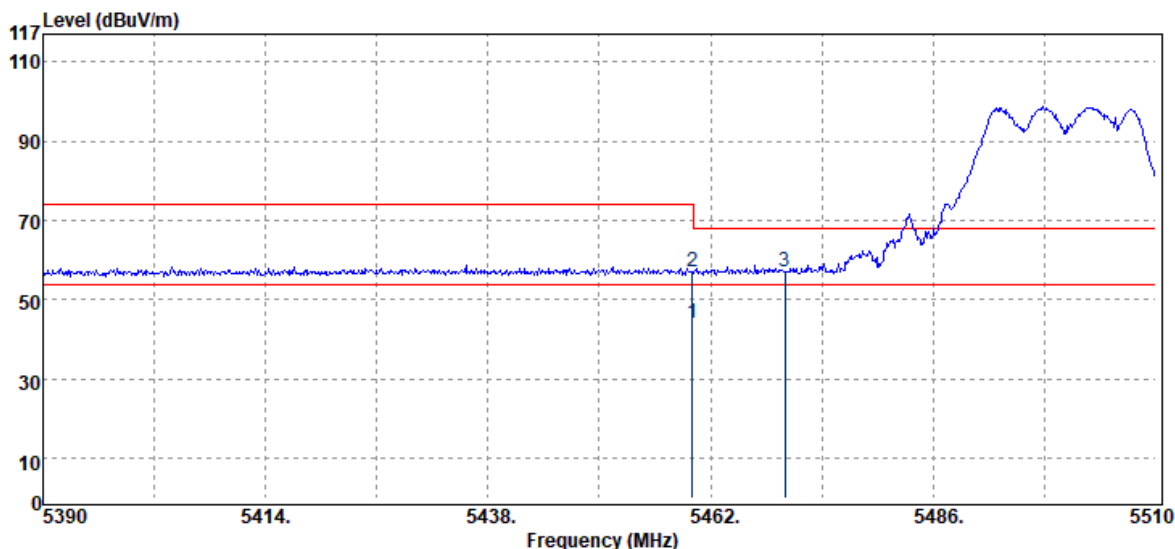
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Report Number :ER/2019/C0048
 Operation Mode :802.11aB3
 Test Channel :5500 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5460.00	Average	37.54	6.69	44.23	54.00	-9.77
5460.00	Peak	50.58	6.69	57.27	74.00	-16.73
5470.00	Peak	50.42	6.77	57.19	68.20	-11.01

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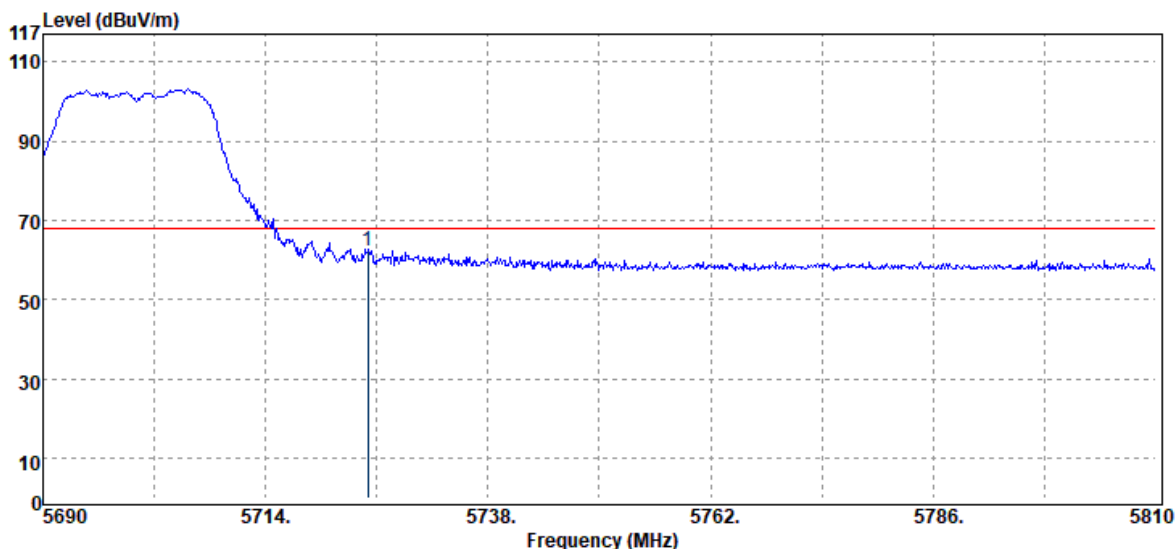
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Report Number :ER/2019/C0048
 Operation Mode :802.11aB3
 Test Channel :5700 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.00	Peak	54.63	7.53	62.16	68.20	-6.04

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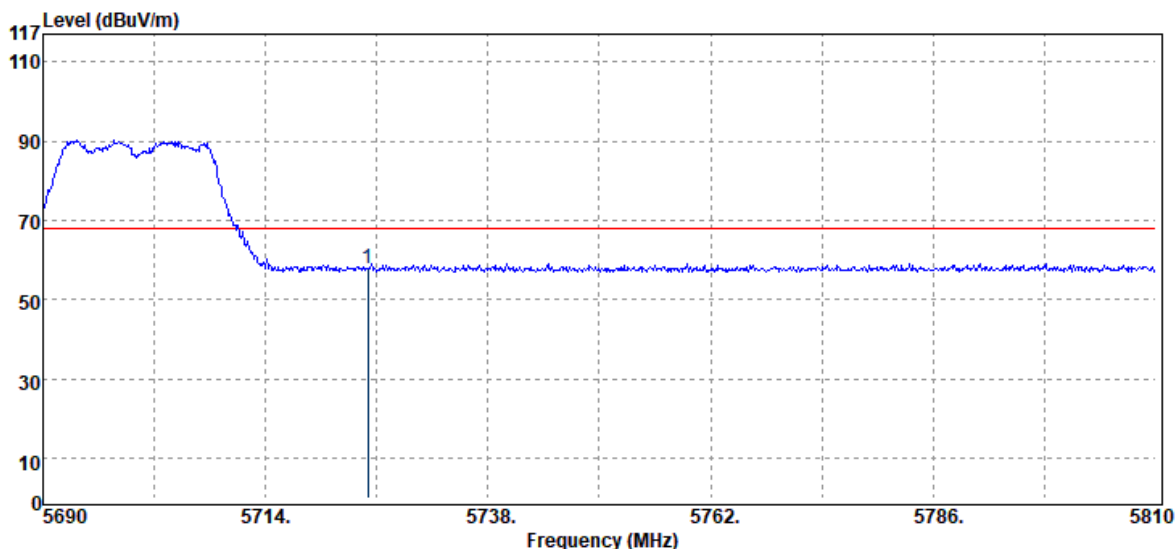
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Report Number :ER/2019/C0048
 Operation Mode :802.11aB3
 Test Channel :5700 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



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
5725.00	Peak	50.36	7.53	57.89	68.20	-10.31

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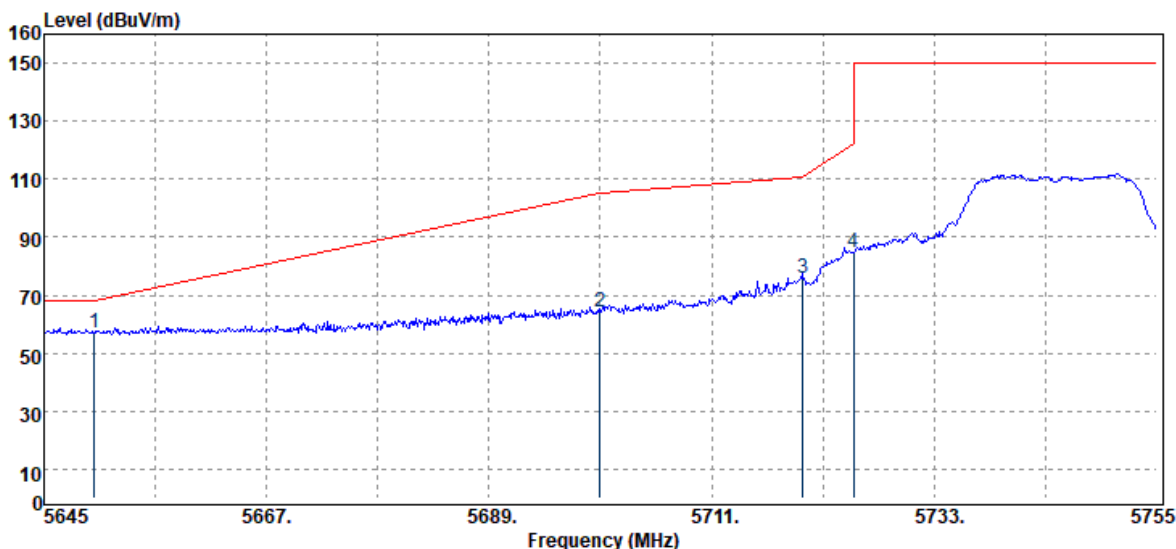
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Report Number :ER/2019/C0048
 Operation Mode :802.11aB4
 Test Channel :5745 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	49.81	7.02	56.83	68.20	-11.37
5700.00	Peak	56.72	7.54	64.26	105.20	-40.94
5720.00	Peak	68.27	7.53	75.80	110.80	-35.00
5725.00	Peak	77.03	7.53	84.56	122.20	-37.64

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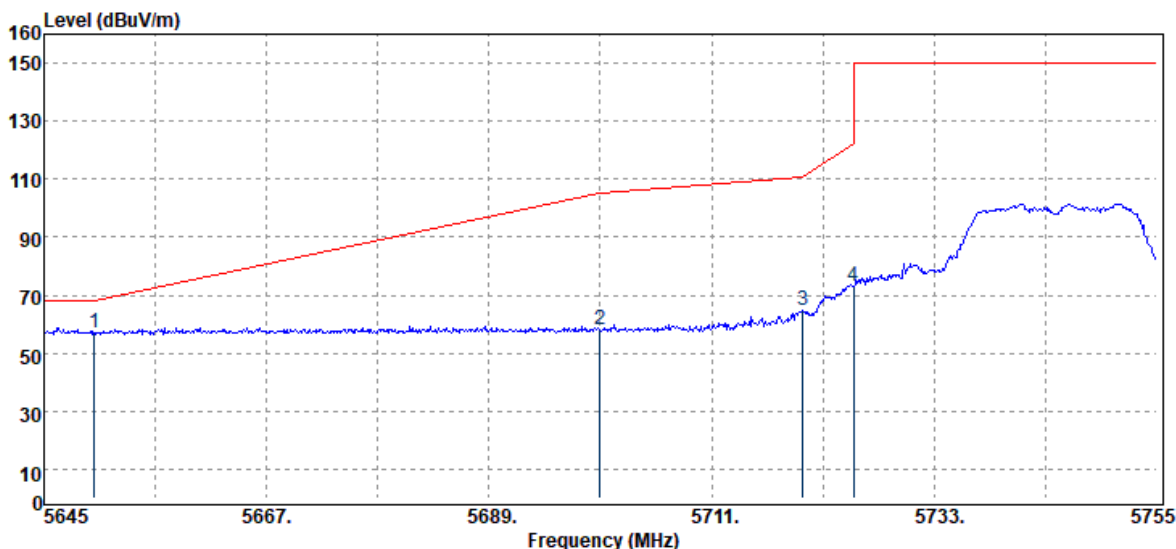
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Report Number :ER/2019/C0048
 Operation Mode :802.11aB4
 Test Channel :5745 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	50.11	7.02	57.13	68.20	-11.07
5700.00	Peak	50.55	7.54	58.09	105.20	-47.11
5720.00	Peak	57.10	7.53	64.63	110.80	-46.17
5725.00	Peak	65.56	7.53	73.09	122.20	-49.11

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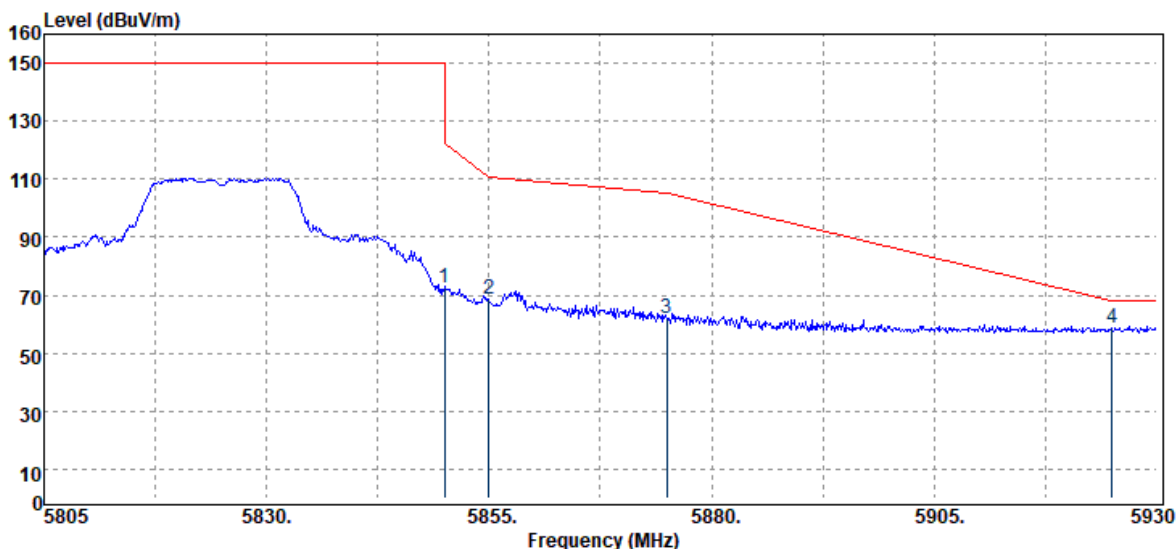
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Report Number :ER/2019/C0048
 Operation Mode :802.11aB4
 Test Channel :5825 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :VERTICAL
 Engineer :Kane



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	64.83	7.76	72.59	122.20	-49.61
5855.00	Peak	60.63	7.77	68.40	110.80	-42.40
5875.00	Peak	54.00	7.83	61.83	105.20	-43.37
5925.00	Peak	50.59	7.97	58.56	68.20	-9.64

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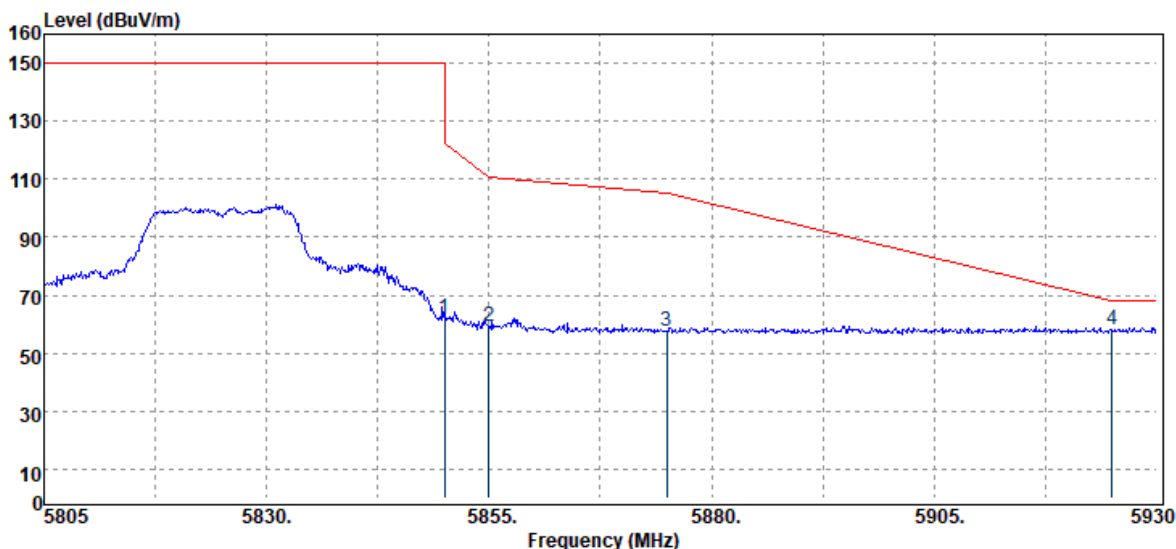
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Report Number :ER/2019/C0048
 Operation Mode :802.11aB4
 Test Channel :5825 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	54.27	7.76	62.03	122.20	-60.17
5855.00	Peak	51.29	7.77	59.06	110.80	-51.74
5875.00	Peak	49.97	7.83	57.80	105.20	-47.40
5925.00	Peak	50.00	7.97	57.97	68.20	-10.23

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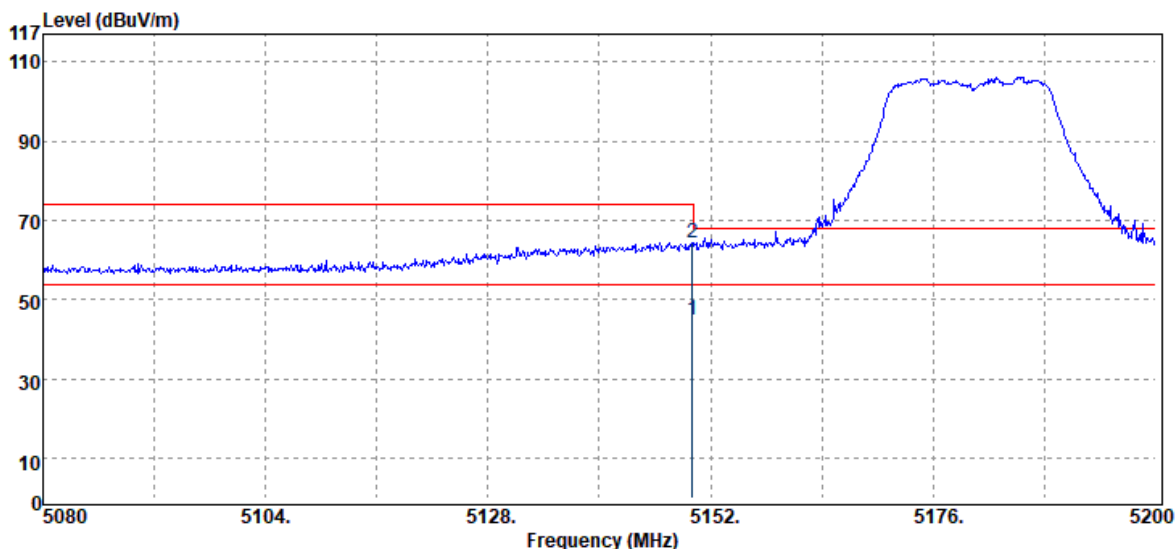
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20B1
 Test Channel :5180 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.00	Average	37.91	7.10	45.01	54.00	-8.99
5150.00	Peak	57.35	7.10	64.45	74.00	-9.55

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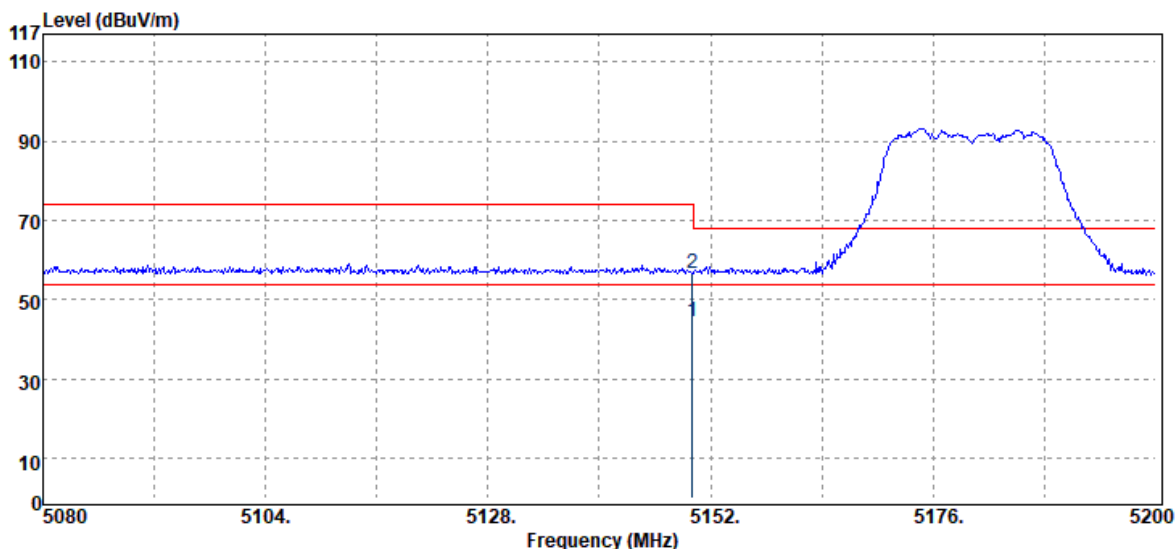
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20B1
 Test Channel :5180 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.00	Average	37.54	7.10	44.64	54.00	-9.36
5150.00	Peak	49.69	7.10	56.79	74.00	-17.21

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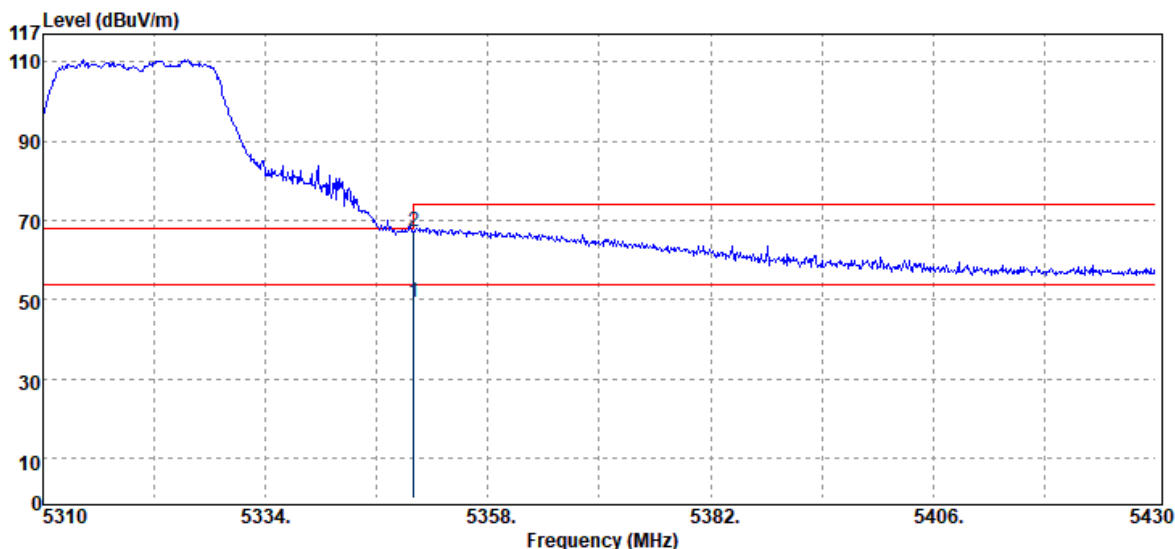
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Member of SGS Group

Report Number :ER/2019/C0048
 Operation Mode :802.11n20B2
 Test Channel :5320 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :VERTICAL
 Engineer :Kane



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	43.11	6.21	49.32	54.00	-4.68
5350.00	Peak	60.98	6.21	67.19	74.00	-6.81

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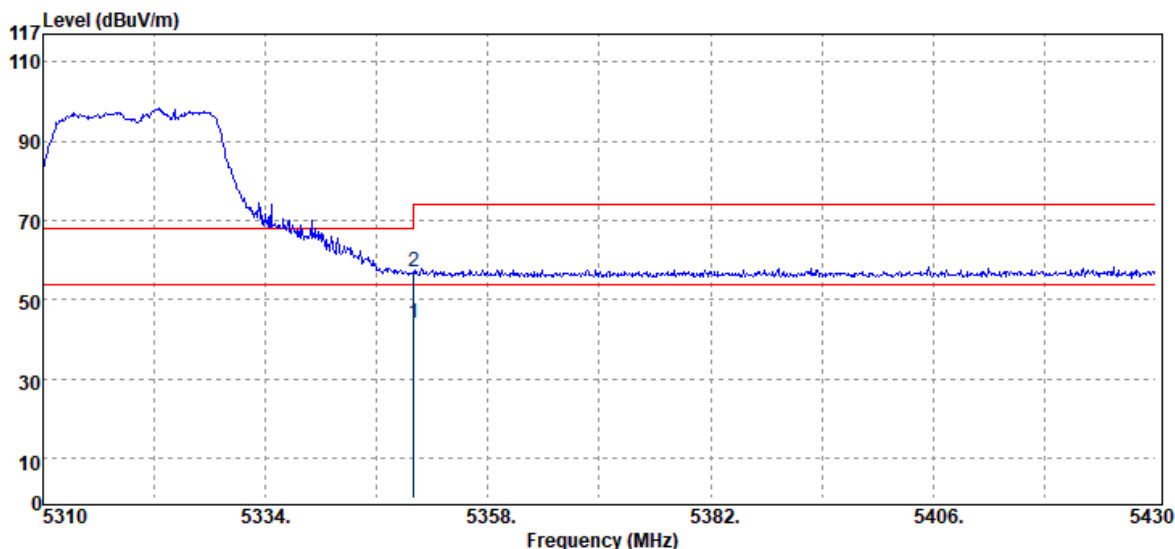
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20B2
 Test Channel :5320 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.00	Average	37.88	6.21	44.09	54.00	-9.91
5350.00	Peak	50.85	6.21	57.06	74.00	-16.94

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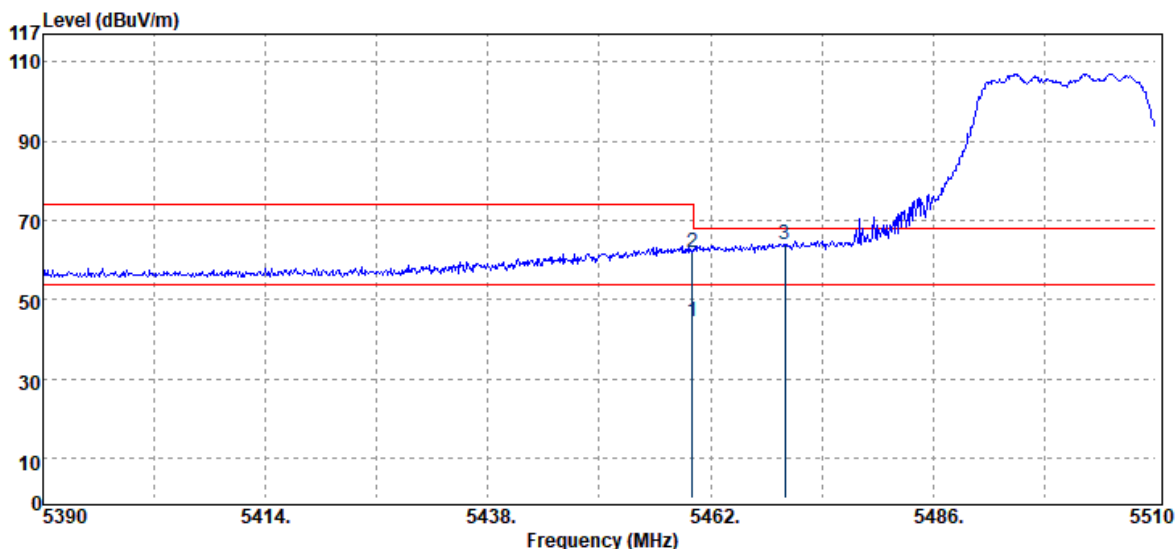
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20B3
 Test Channel :5500 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5460.00	Average	37.86	6.69	44.55	54.00	-9.45
5460.00	Peak	55.27	6.69	61.96	74.00	-12.04
5470.00	Peak	57.08	6.77	63.85	68.20	-4.35

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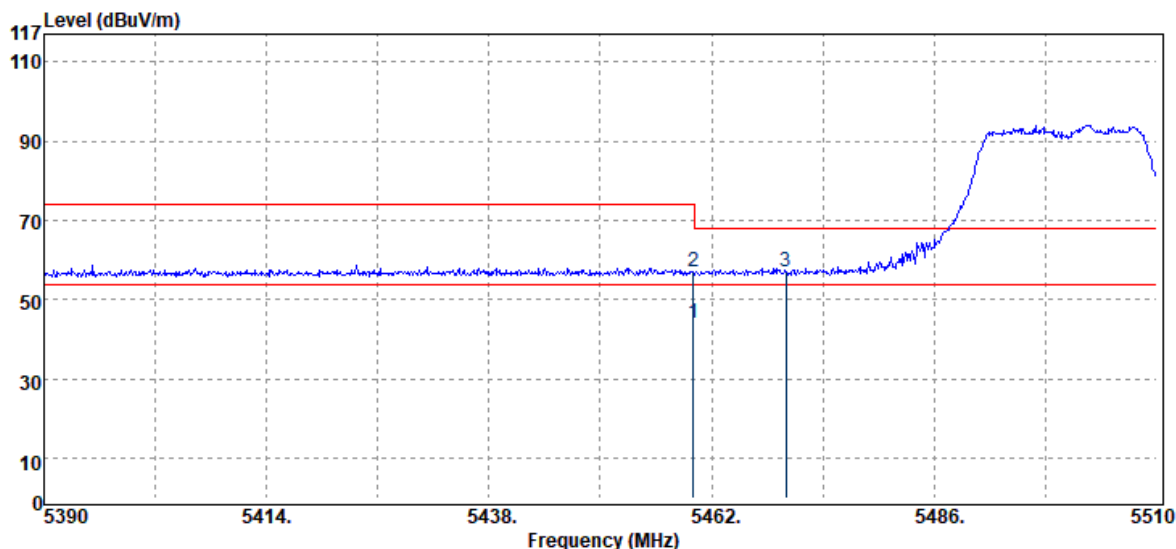
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20B3
 Test Channel :5500 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5460.00	Average	37.29	6.69	43.98	54.00	-10.02
5460.00	Peak	50.20	6.69	56.89	74.00	-17.11
5470.00	Peak	50.17	6.77	56.94	68.20	-11.26

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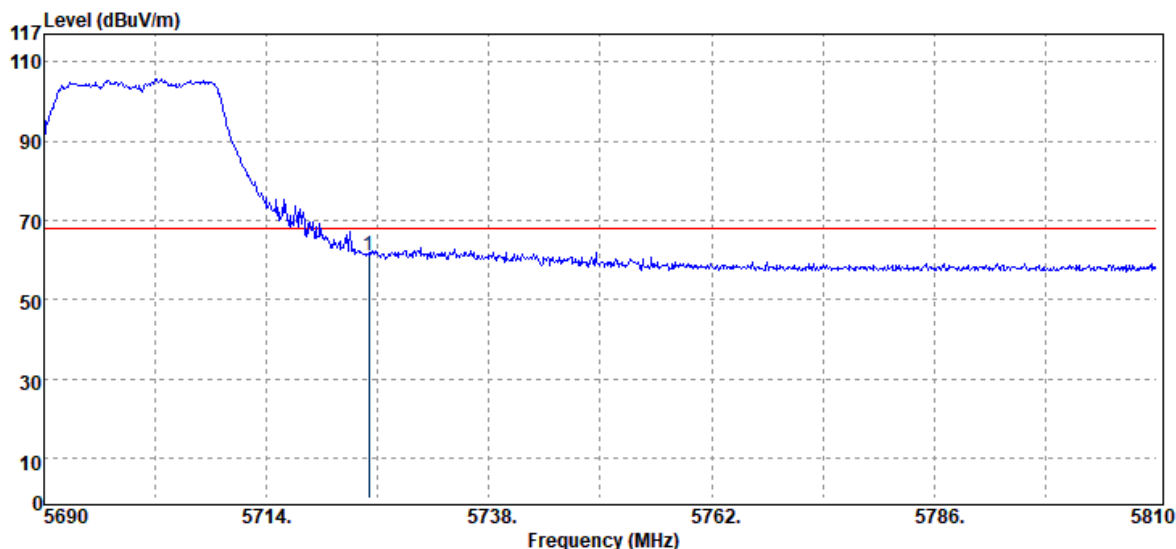
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20B3
 Test Channel :5700 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.00	Peak	53.62	7.53	61.15	68.20	-7.05

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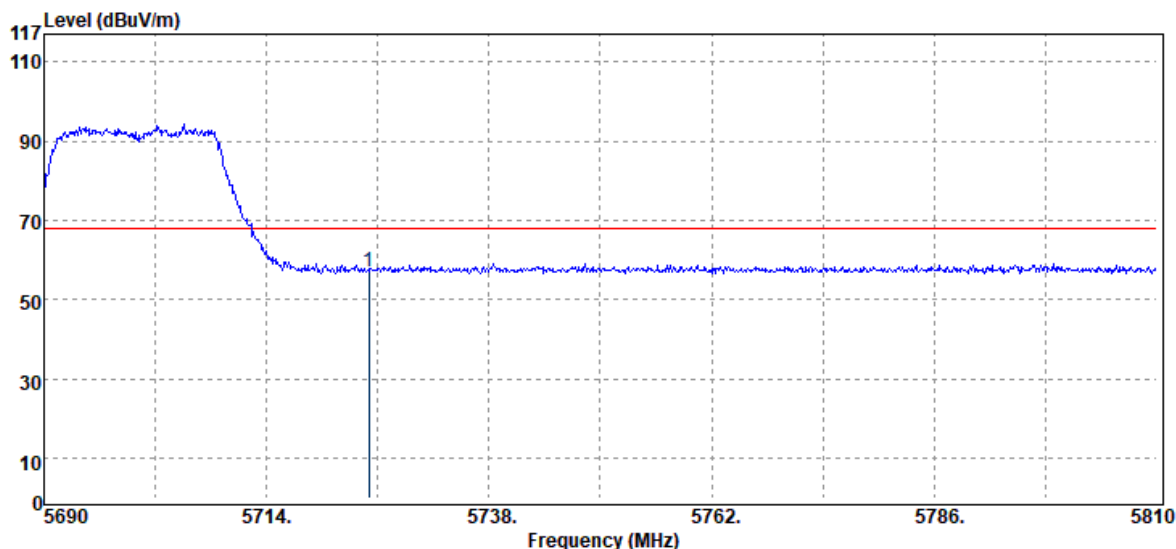
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20B3
 Test Channel :5700 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



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
5725.00	Peak	49.61	7.53	57.14	68.20	-11.06

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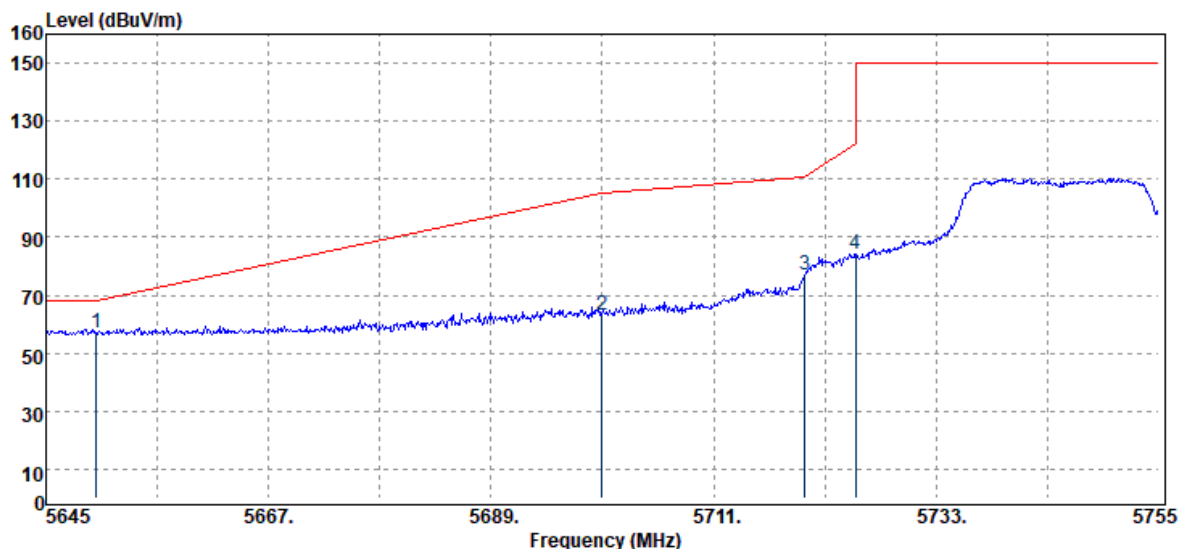
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20B4
 Test Channel :5745 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	50.12	7.02	57.14	68.20	-11.06
5700.00	Peak	55.74	7.54	63.28	105.20	-41.92
5720.00	Peak	69.26	7.53	76.79	110.80	-34.01
5725.00	Peak	76.35	7.53	83.88	122.20	-38.32

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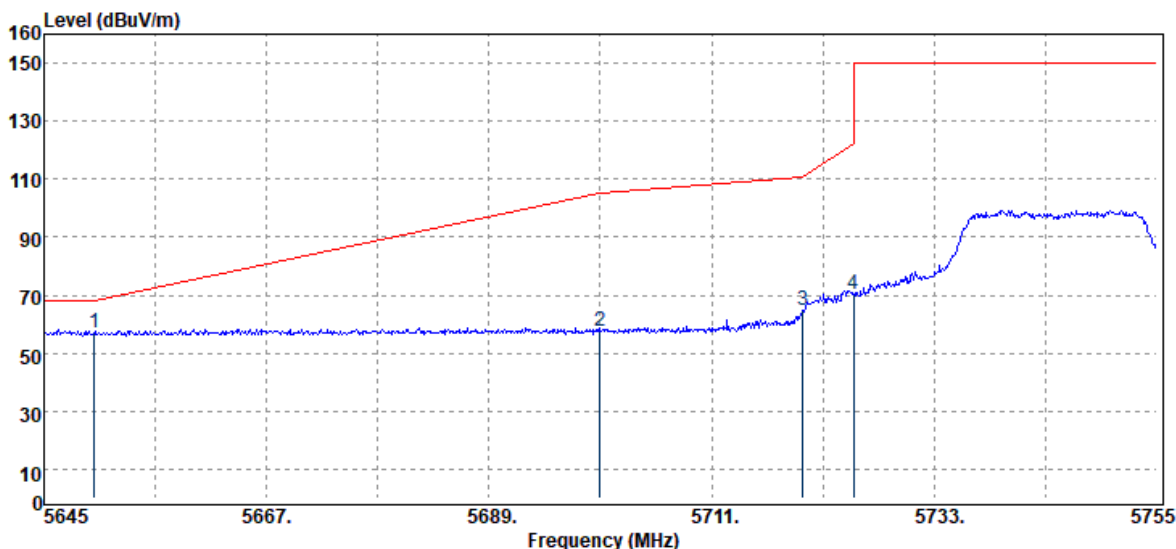
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20B4
 Test Channel :5745 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	49.82	7.02	56.84	68.20	-11.36
5700.00	Peak	49.92	7.54	57.46	105.20	-47.74
5720.00	Peak	57.26	7.53	64.79	110.80	-46.01
5725.00	Peak	62.94	7.53	70.47	122.20	-51.73

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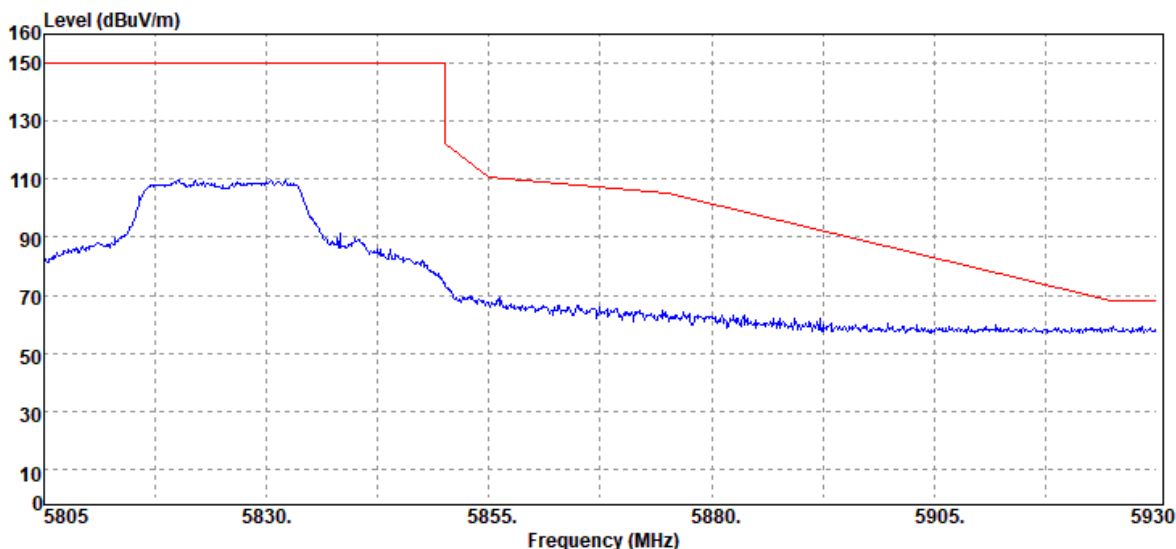
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Report Number :ER/2019/C0048
Operation Mode :802.11n20B4
Test Channel :5825 MHz
Test Mode :Bandedge CH High
EUT Pol :E2 Plane

Test Date :2019-11-31
Temp./Humi. :22.3/65
Antenna Pol. :VERTICAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	66.23	7.76	73.99	122.20	-48.21
5855.00	Peak	59.52	7.77	67.29	110.80	-43.51
5875.00	Peak	54.82	7.83	62.65	105.20	-42.55
5925.00	Peak	49.69	7.97	57.66	68.20	-10.54

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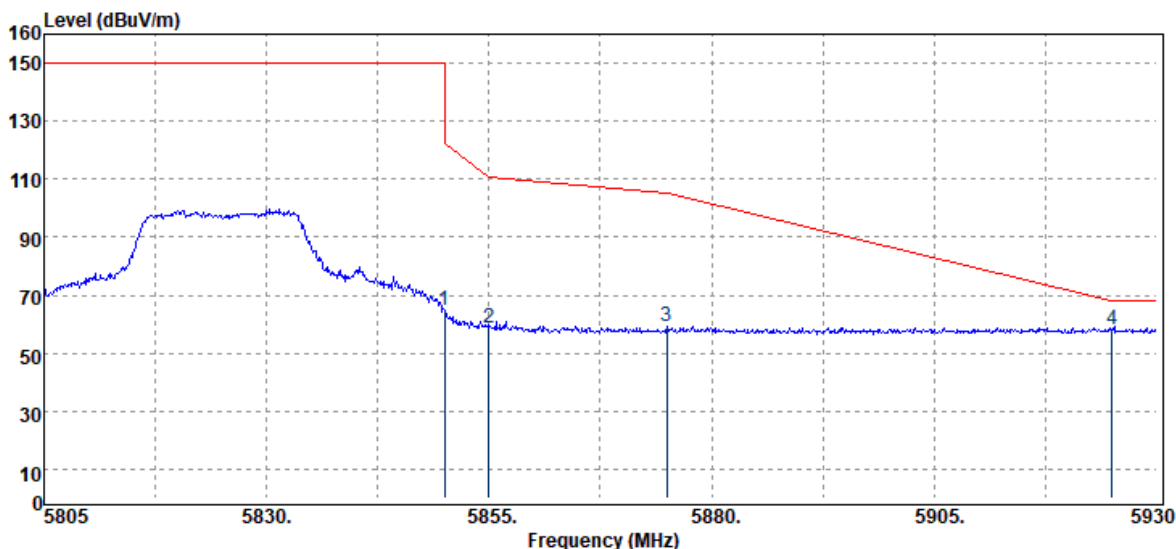
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20B4
 Test Channel :5825 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	57.04	7.76	64.80	122.20	-57.40
5855.00	Peak	50.76	7.77	58.53	110.80	-52.27
5875.00	Peak	51.33	7.83	59.16	105.20	-46.04
5925.00	Peak	49.96	7.97	57.93	68.20	-10.27

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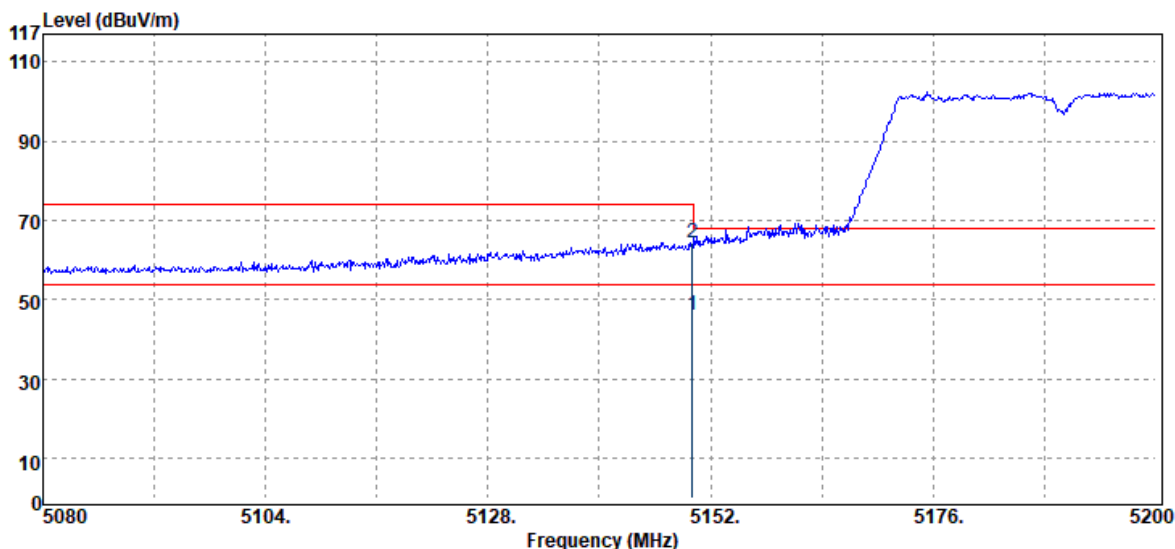
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40B1
 Test Channel :5190 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.00	Average	39.08	7.10	46.18	54.00	-7.82
5150.00	Peak	57.31	7.10	64.41	74.00	-9.59

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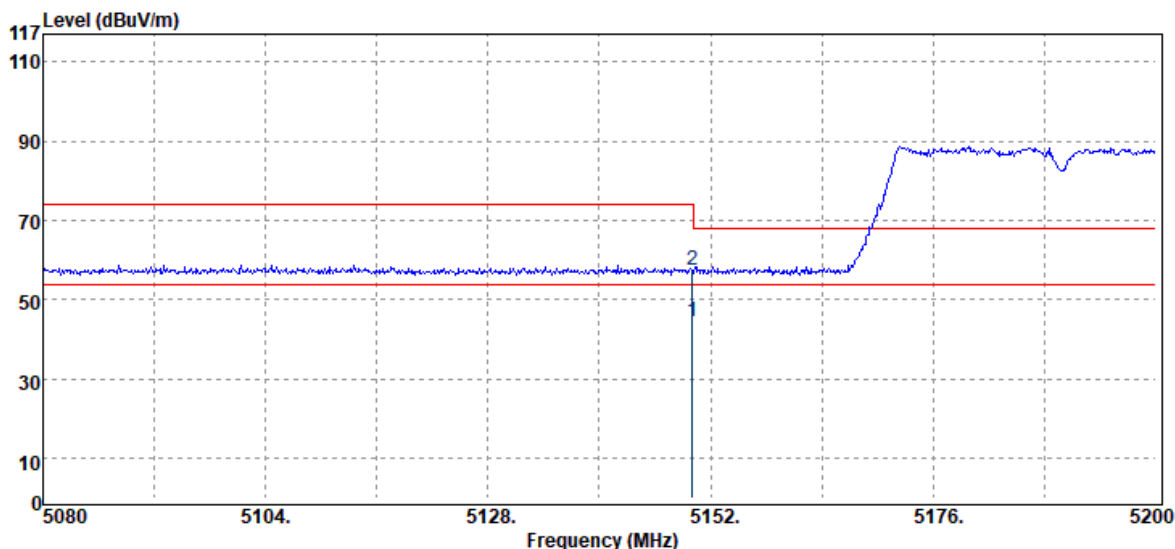
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40B1
 Test Channel :5190 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.00	Average	37.28	7.10	44.38	54.00	-9.62
5150.00	Peak	50.25	7.10	57.35	74.00	-16.65

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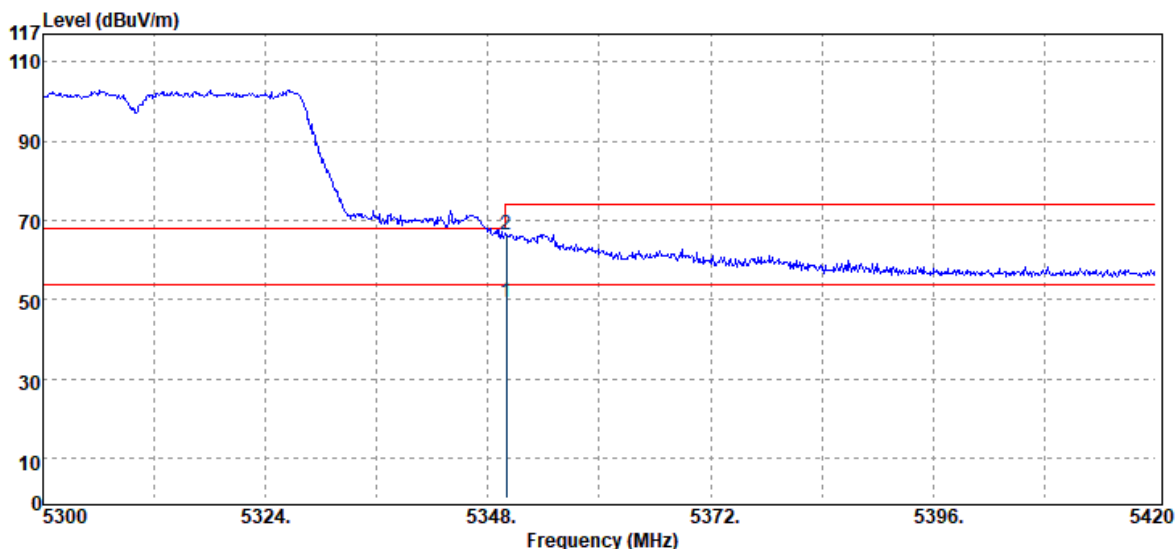
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40B2
 Test Channel :5310 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.00	Average	43.28	6.21	49.49	54.00	-4.51
5350.00	Peak	60.00	6.21	66.21	74.00	-7.79

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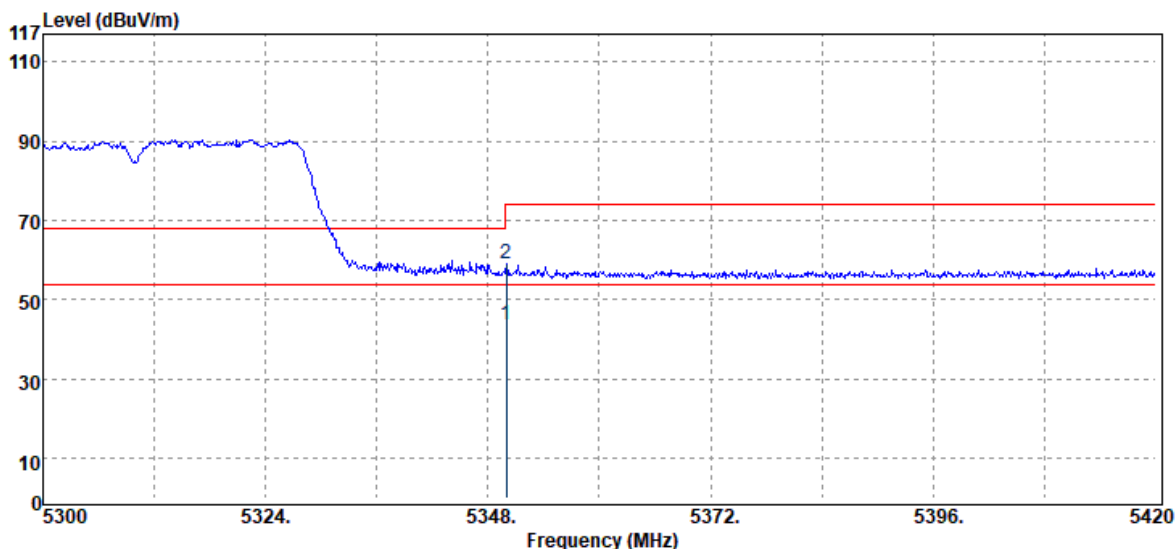
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40B2
 Test Channel :5310 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.00	Average	37.69	6.21	43.90	54.00	-10.10
5350.00	Peak	52.85	6.21	59.06	74.00	-14.94

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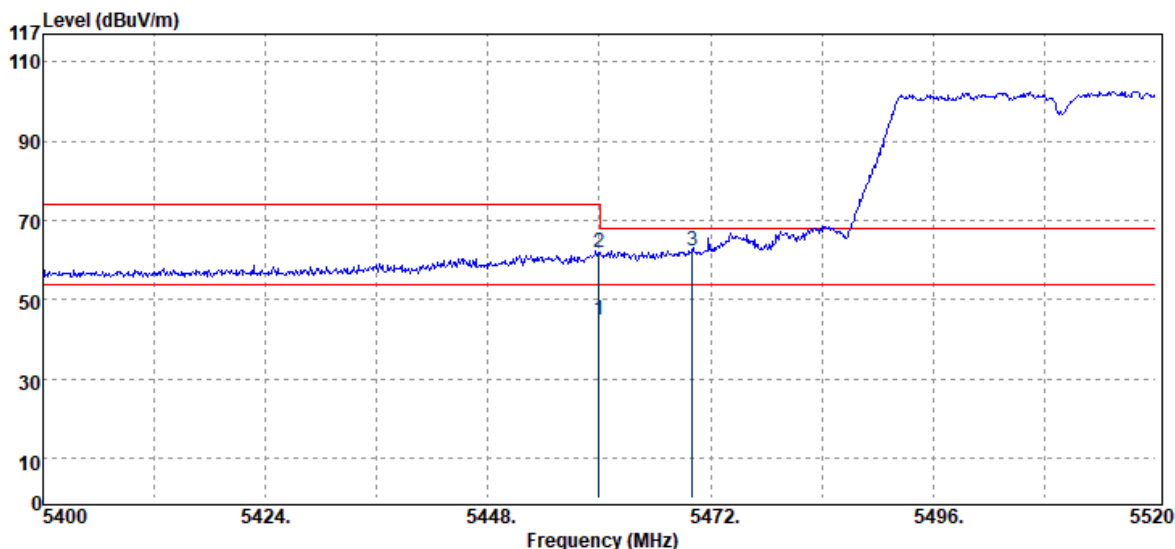
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40B3
 Test Channel :5510 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5460.00	Average	38.36	6.69	45.05	54.00	-8.95
5460.00	Peak	55.17	6.69	61.86	74.00	-12.14
5470.00	Peak	55.68	6.77	62.45	68.20	-5.75

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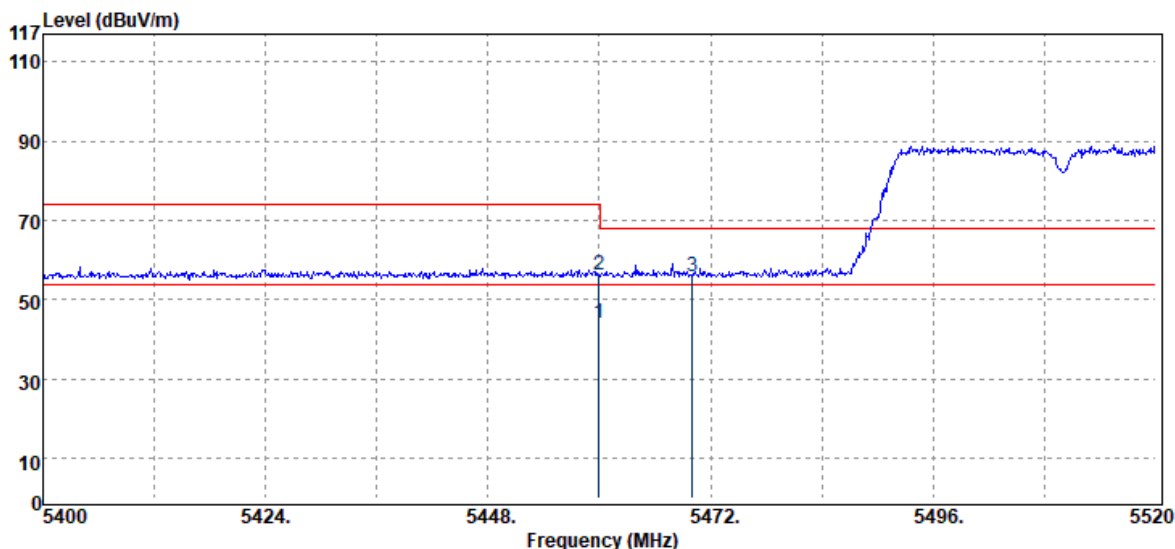
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40B3
 Test Channel :5510 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5460.00	Average	37.61	6.69	44.30	54.00	-9.70
5460.00	Peak	49.41	6.69	56.10	74.00	-17.90
5470.00	Peak	49.19	6.77	55.96	68.20	-12.24

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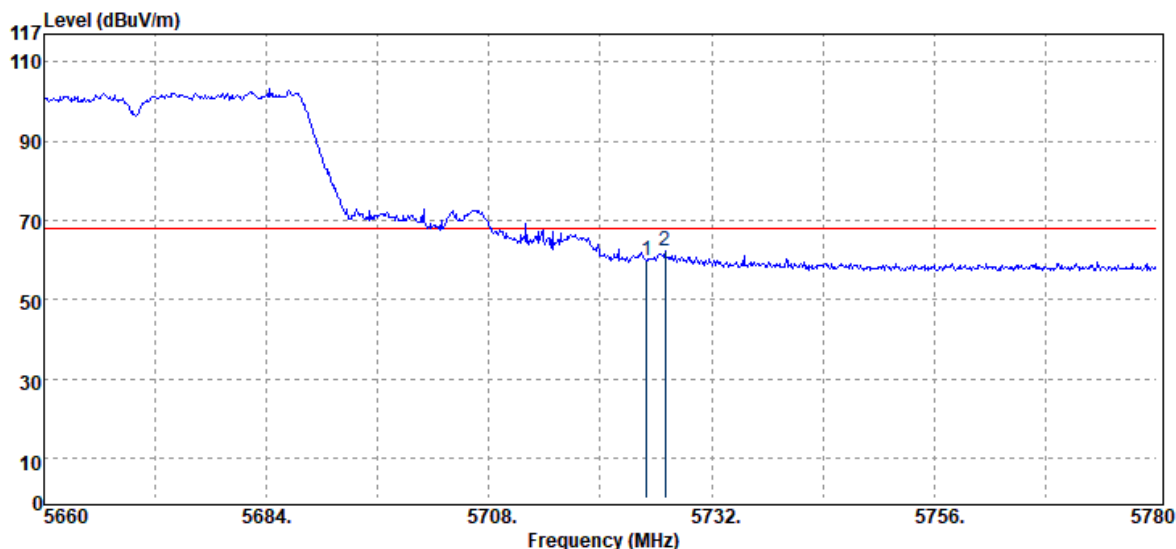
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40B3
 Test Channel :5670 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.00	Peak	52.48	7.53	60.01	68.20	-8.19
5726.96	Peak	54.80	7.53	62.33	68.20	-5.87

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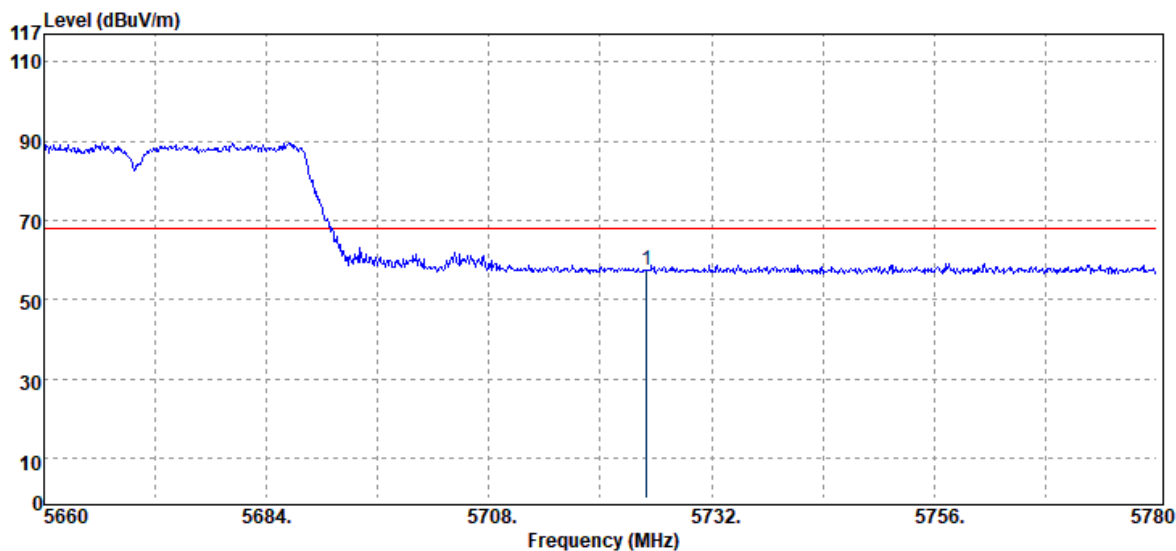
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40B3
 Test Channel :5670 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.00	Peak	49.94	7.53	57.47	68.20	-10.73

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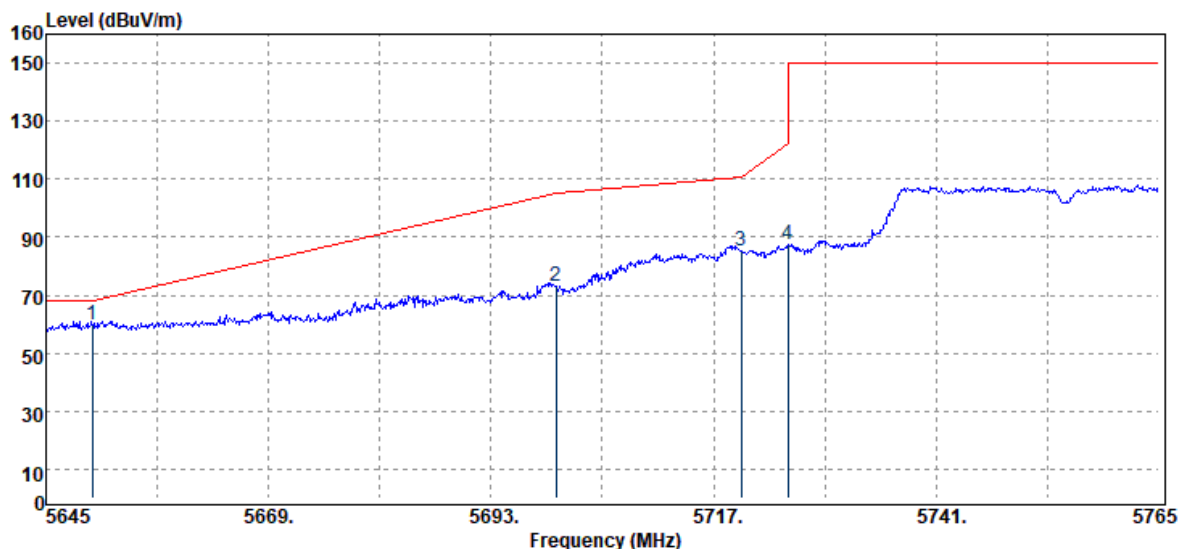
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40B4
 Test Channel :5755 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5650.00	Peak	52.57	7.02	59.59	68.20	-8.61
5700.00	Peak	65.68	7.54	73.22	105.20	-31.98
5720.00	Peak	77.66	7.53	85.19	110.80	-25.61
5725.00	Peak	79.73	7.53	87.26	122.20	-34.94

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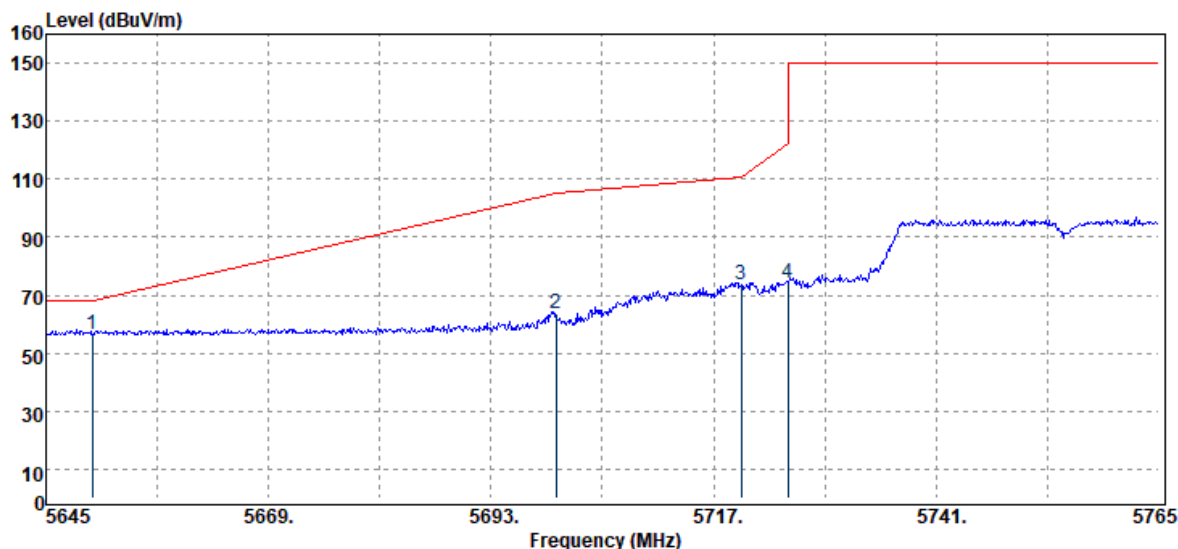
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40B4
 Test Channel :5755 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	49.67	7.02	56.69	68.20	-11.51
5700.00	Peak	56.13	7.54	63.67	105.20	-41.53
5720.00	Peak	66.05	7.53	73.58	110.80	-37.22
5725.00	Peak	66.42	7.53	73.95	122.20	-48.25

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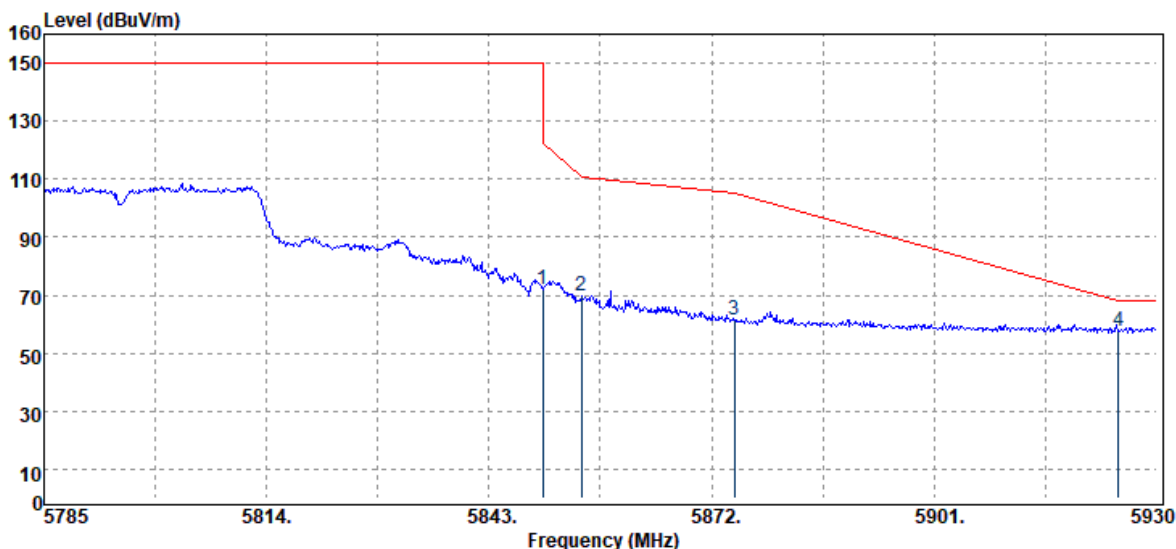
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40B4
 Test Channel :5795 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	64.14	7.76	71.90	122.20	-50.30
5855.00	Peak	61.89	7.77	69.66	110.80	-41.14
5875.00	Peak	53.66	7.83	61.49	105.20	-43.71
5925.00	Peak	49.76	7.97	57.73	68.20	-10.47

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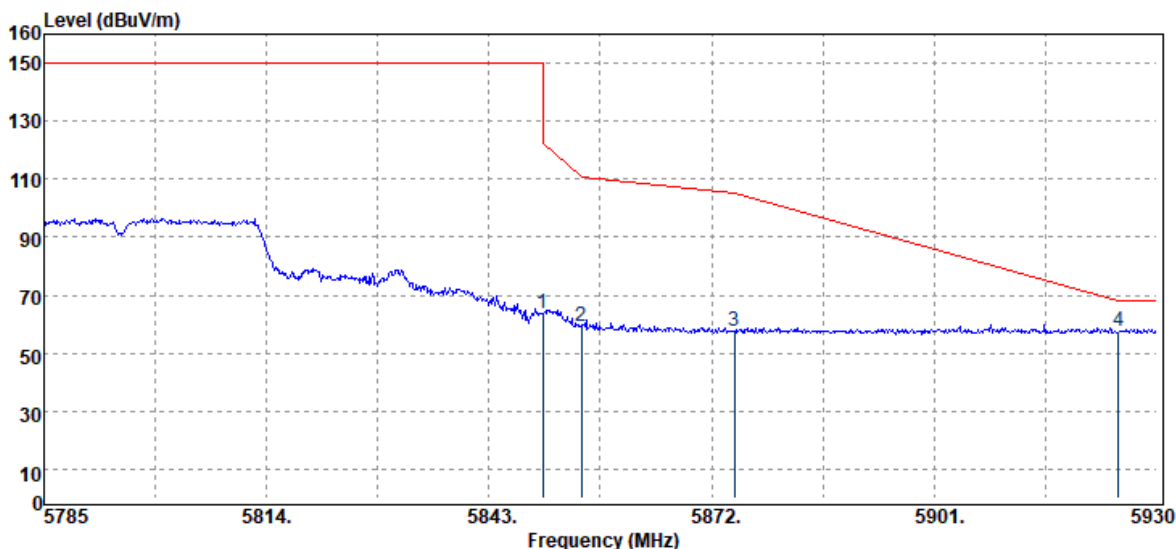
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40B4
 Test Channel :5795 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	56.05	7.76	63.81	122.20	-58.39
5855.00	Peak	51.73	7.77	59.50	110.80	-51.30
5875.00	Peak	49.71	7.83	57.54	105.20	-47.66
5925.00	Peak	49.38	7.97	57.35	68.20	-10.85

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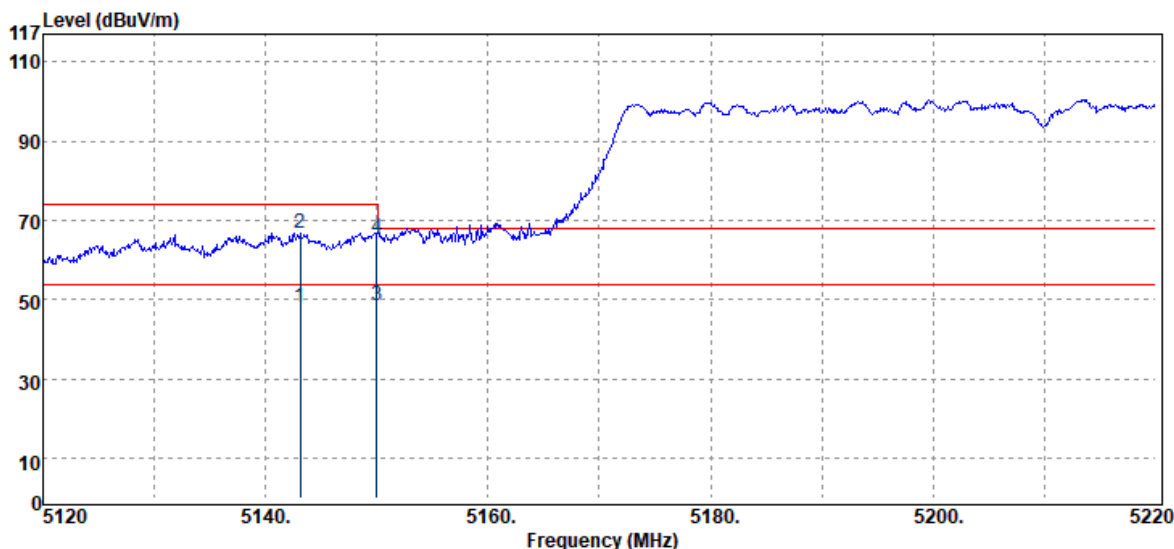
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80B1
 Test Channel :5210 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5143.10	Average	41.21	7.14	48.35	54.00	-5.65
5143.10	Peak	59.75	7.14	66.89	74.00	-7.11
5150.00	Average	41.66	7.10	48.76	54.00	-5.24
5150.00	Peak	58.66	7.10	65.76	74.00	-8.24

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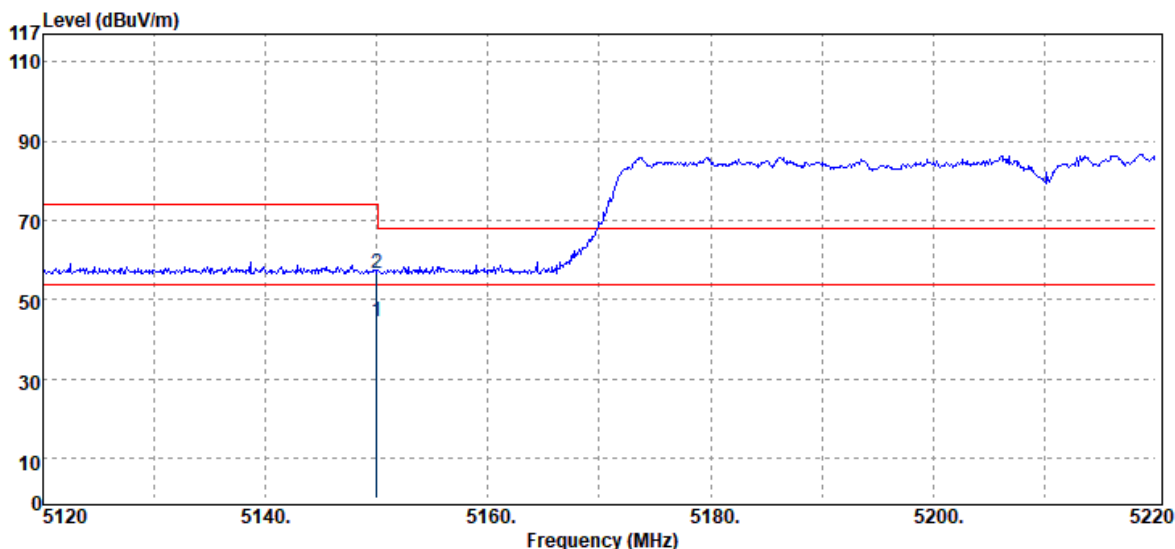
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80B1
 Test Channel :5210 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5150.00	Average	37.57	7.10	44.67	54.00	-9.33
5150.00	Peak	49.41	7.10	56.51	74.00	-17.49

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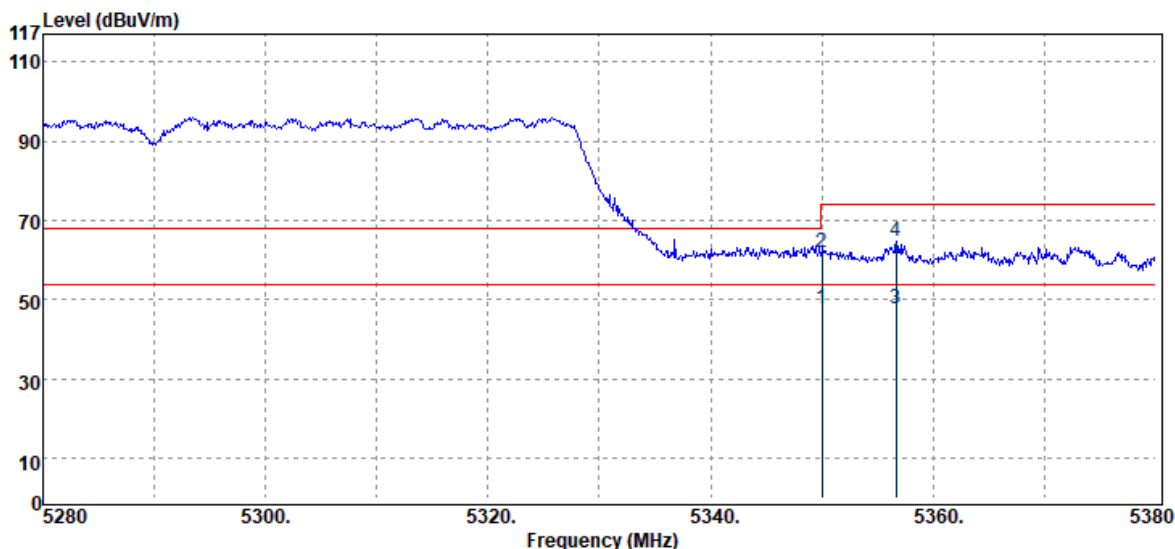
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80B2
 Test Channel :5290 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.00	Average	41.55	6.21	47.76	54.00	-6.24
5350.00	Peak	55.76	6.21	61.97	74.00	-12.03
5356.70	Average	41.34	6.24	47.58	54.00	-6.42
5356.70	Peak	58.71	6.24	64.95	74.00	-9.05

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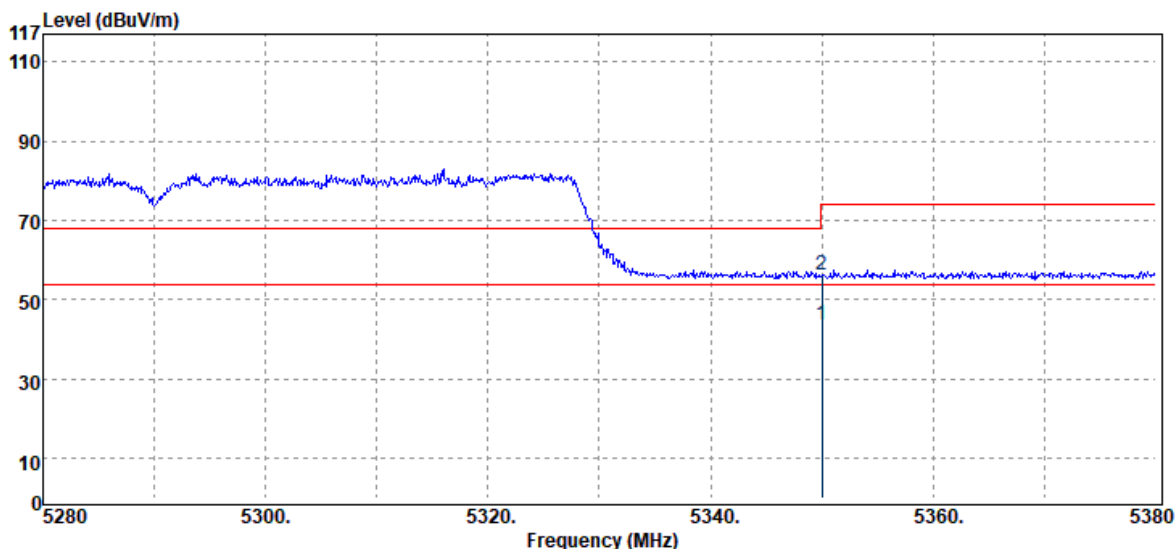
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Member of SGS Group

Report Number :ER/2019/C0048
 Operation Mode :802.11ac80B2
 Test Channel :5290 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.00	Average	37.48	6.21	43.69	54.00	-10.31
5350.00	Peak	50.13	6.21	56.34	74.00	-17.66

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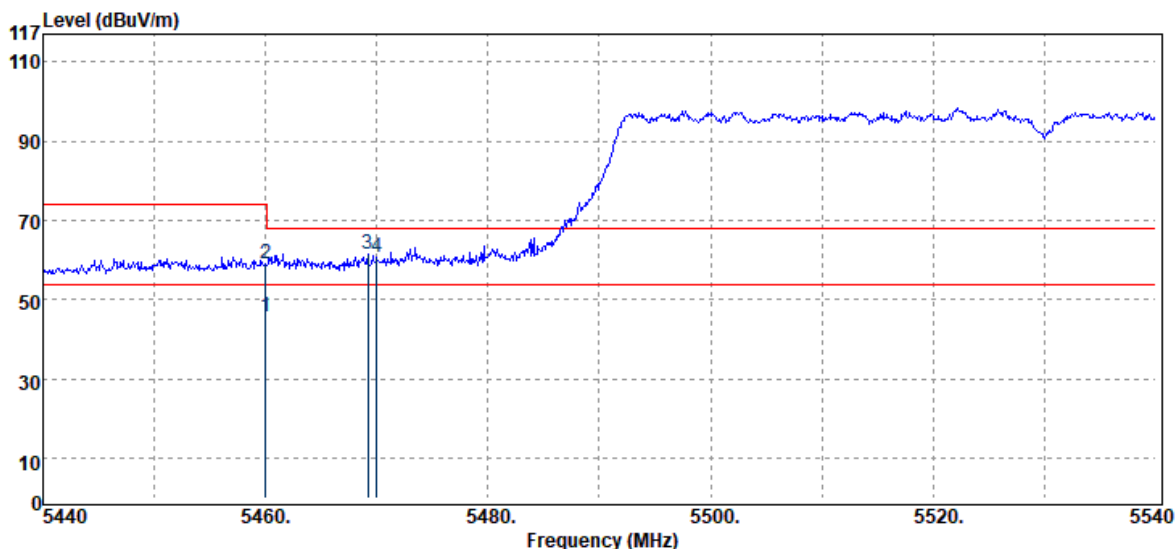
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80B3
 Test Channel :5530 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5460.00	Average	39.04	6.69	45.73	54.00	-8.27
5460.00	Peak	52.49	6.69	59.18	74.00	-14.82
5469.20	Peak	54.82	6.77	61.59	68.20	-6.61
5470.00	Peak	53.95	6.77	60.72	68.20	-7.48

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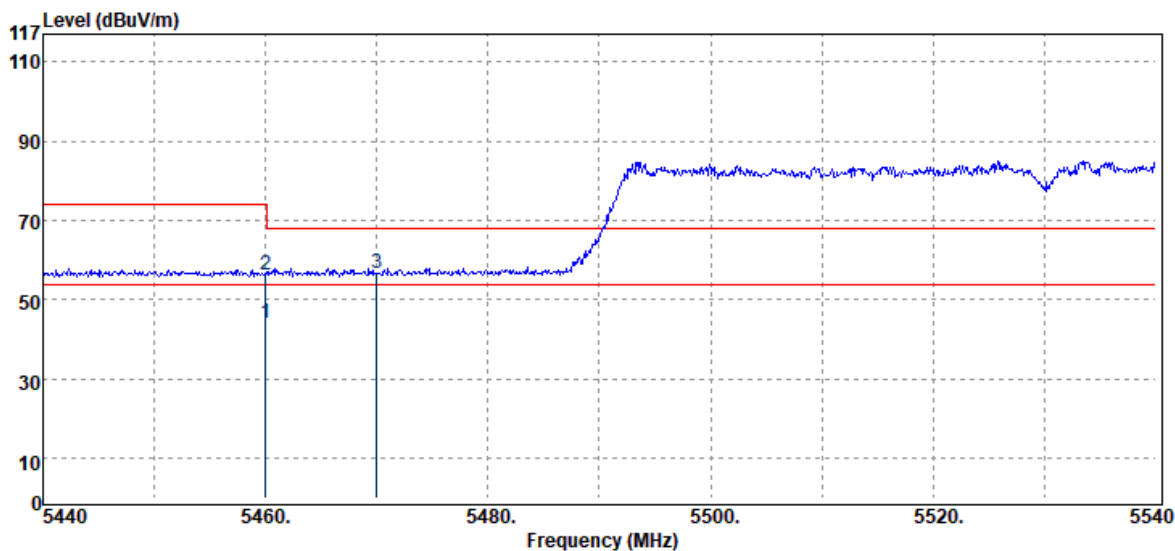
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80B3
 Test Channel :5530 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5460.00	Average	37.63	6.69	44.32	54.00	-9.68
5460.00	Peak	49.57	6.69	56.26	74.00	-17.74
5470.00	Peak	49.96	6.77	56.73	68.20	-11.47

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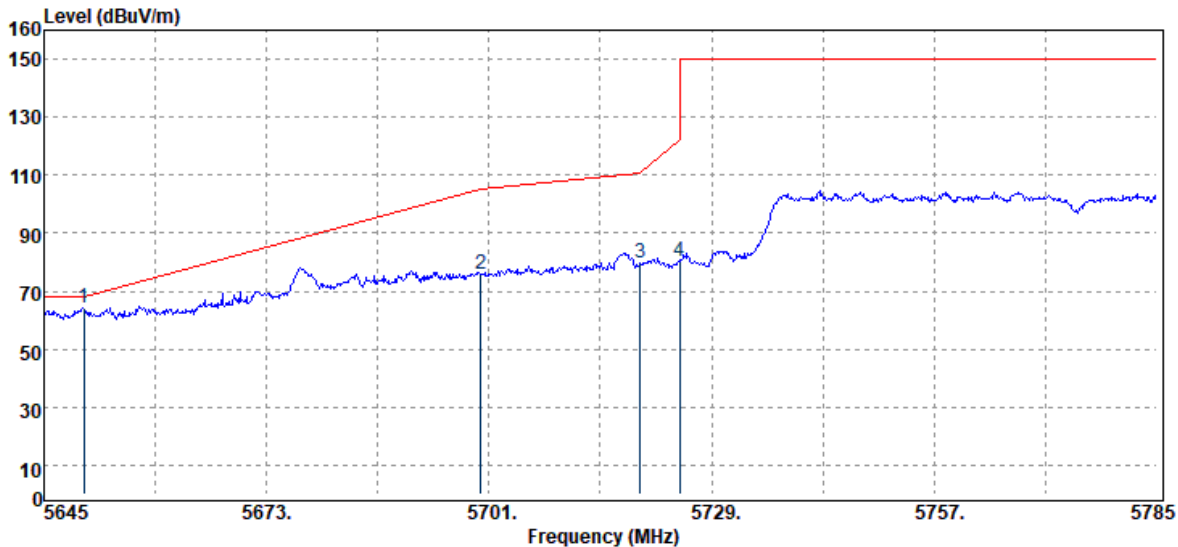
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80B4
 Test Channel :5775 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	57.25	7.02	64.27	68.20	-3.93
5700.00	Peak	68.36	7.54	75.90	105.20	-29.30
5720.00	Peak	71.92	7.53	79.45	110.80	-31.35
5725.00	Peak	72.81	7.53	80.34	122.20	-41.86

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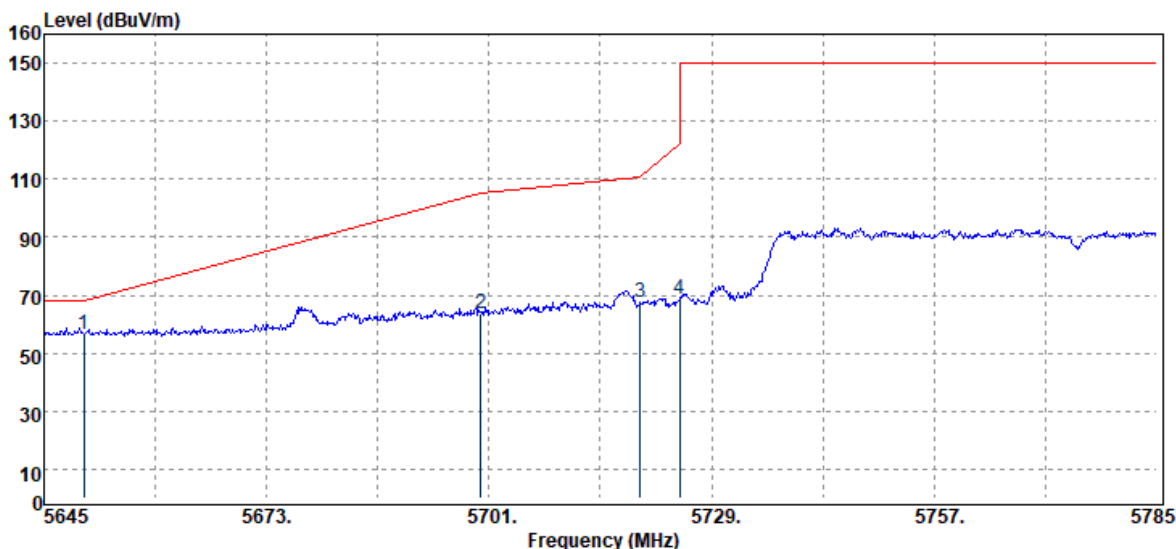
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80B4
 Test Channel :5775 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



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
5650.00	Peak	49.62	7.02	56.64	68.20	-11.56
5700.00	Peak	56.35	7.54	63.89	105.20	-41.31
5720.00	Peak	59.79	7.53	67.32	110.80	-43.48
5725.00	Peak	61.31	7.53	68.84	122.20	-53.36

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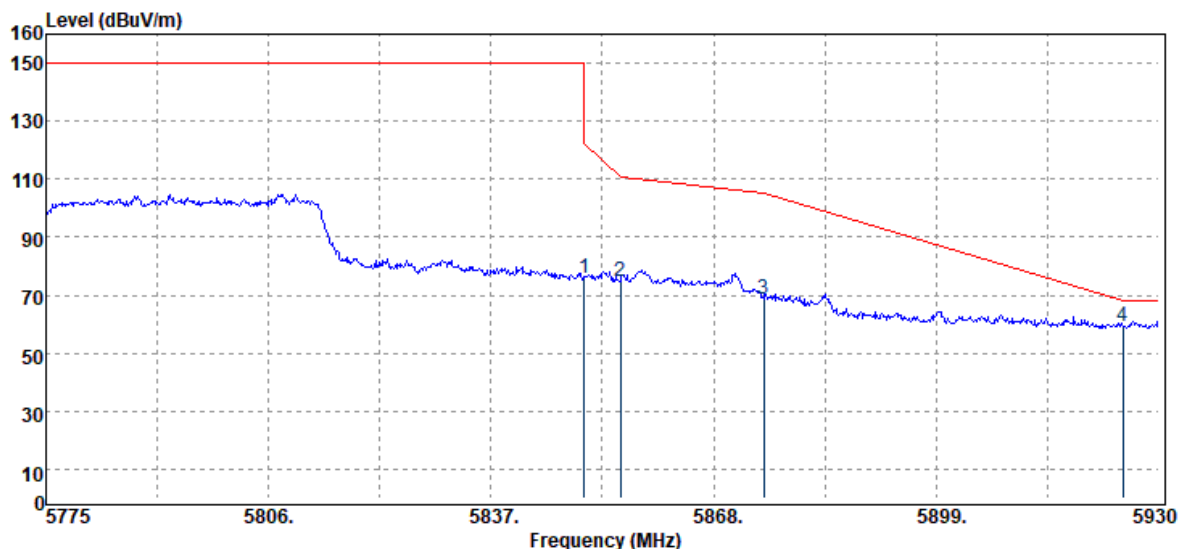
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80B4
 Test Channel :5775 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	67.99	7.76	75.75	122.20	-46.45
5855.00	Peak	67.24	7.77	75.01	110.80	-35.79
5875.00	Peak	60.96	7.83	68.79	105.20	-36.41
5925.00	Peak	51.46	7.97	59.43	68.20	-8.77

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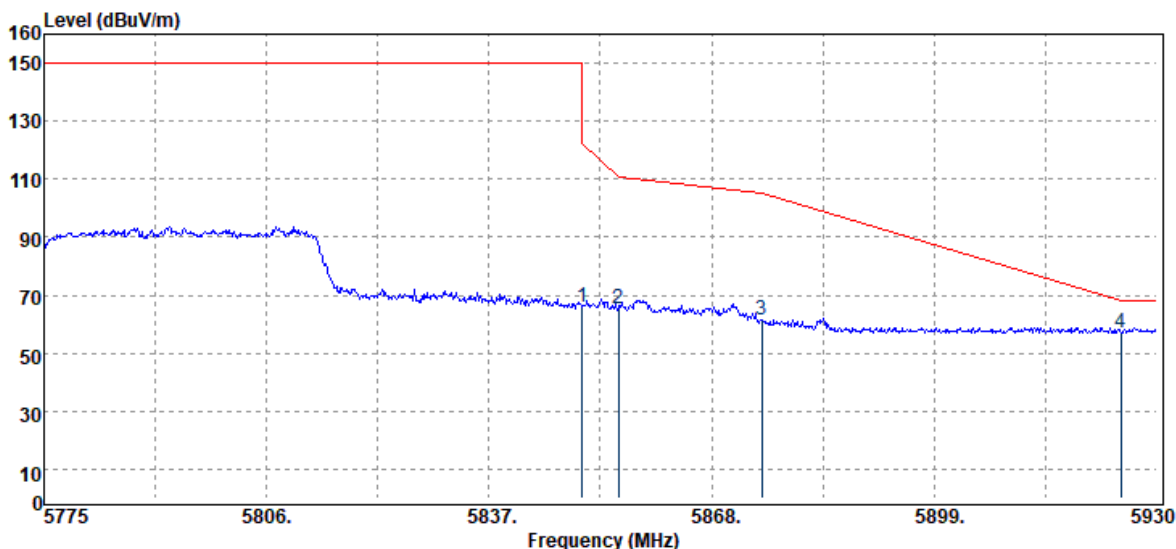
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80B4
 Test Channel :5775 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-31
 Temp./Humi. :22.3/65
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	57.89	7.76	65.65	122.20	-56.55
5855.00	Peak	57.55	7.77	65.32	110.80	-45.48
5875.00	Peak	53.69	7.83	61.52	105.20	-43.68
5925.00	Peak	49.07	7.97	57.04	68.20	-11.16

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Internal Antenna

Report Number :ER/2019/C0048

Test Date :2019-11-25

Operation Mode :802.11aB1

Temp./Humi. :22.8/66

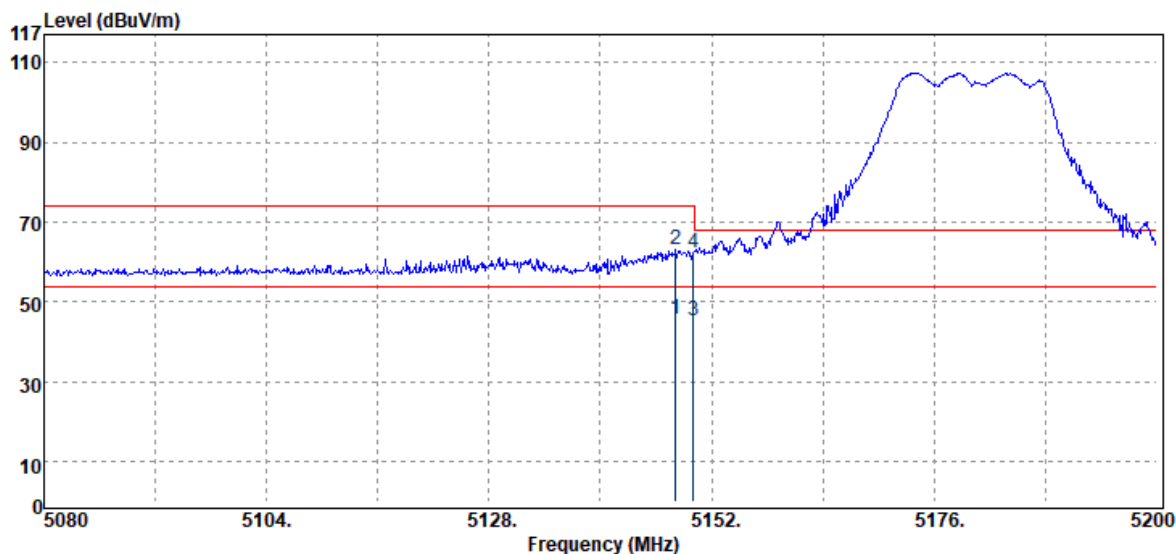
Test Channel :5180 MHz

Antenna Pol. :VERTICAL

Test Mode :Bandedge CH Low

Engineer :Kane

EUT Pol :E2 Plane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5148.16	Average	38.45	7.12	45.57	54.00	-8.43
5148.16	Peak	56.00	7.12	63.12	74.00	-10.88
5150.00	Average	38.30	7.10	45.40	54.00	-8.60
5150.00	Peak	55.27	7.10	62.37	74.00	-11.63

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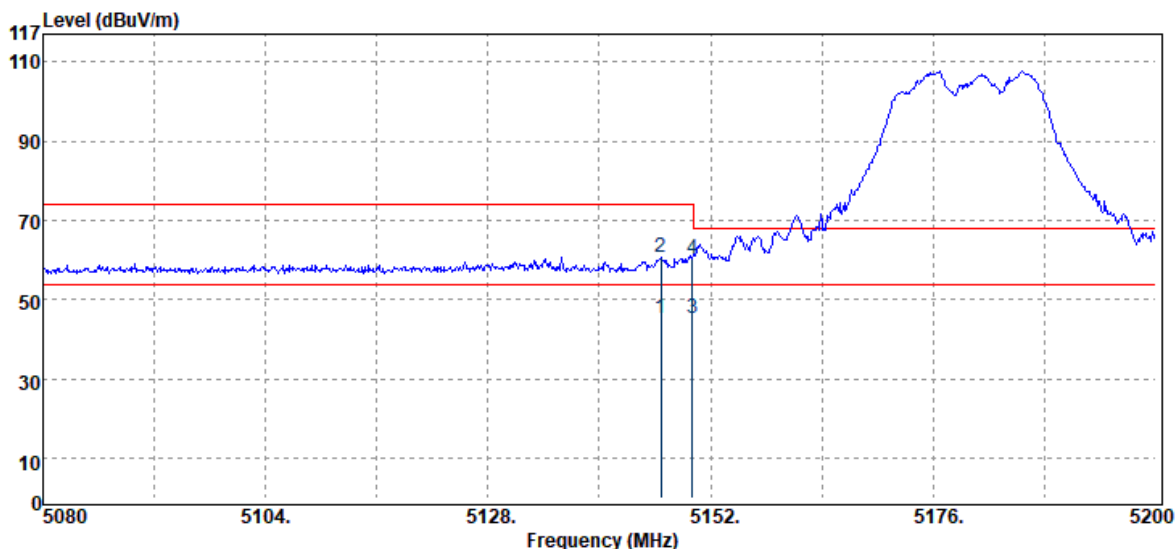
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Report Number :ER/2019/C0048
Operation Mode :802.11aB1
Test Channel :5180 MHz
Test Mode :Bandedge CH Low
EUT Pol :E2 Plane

Test Date :2019-11-25
Temp./Humi. :22.8/66
Antenna Pol. :HORIZONTAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5146.60	Average	38.10	7.13	45.23	54.00	-8.77
5146.60	Peak	53.52	7.13	60.65	74.00	-13.35
5150.00	Average	38.37	7.10	45.47	54.00	-8.53
5150.00	Peak	53.09	7.10	60.19	74.00	-13.81

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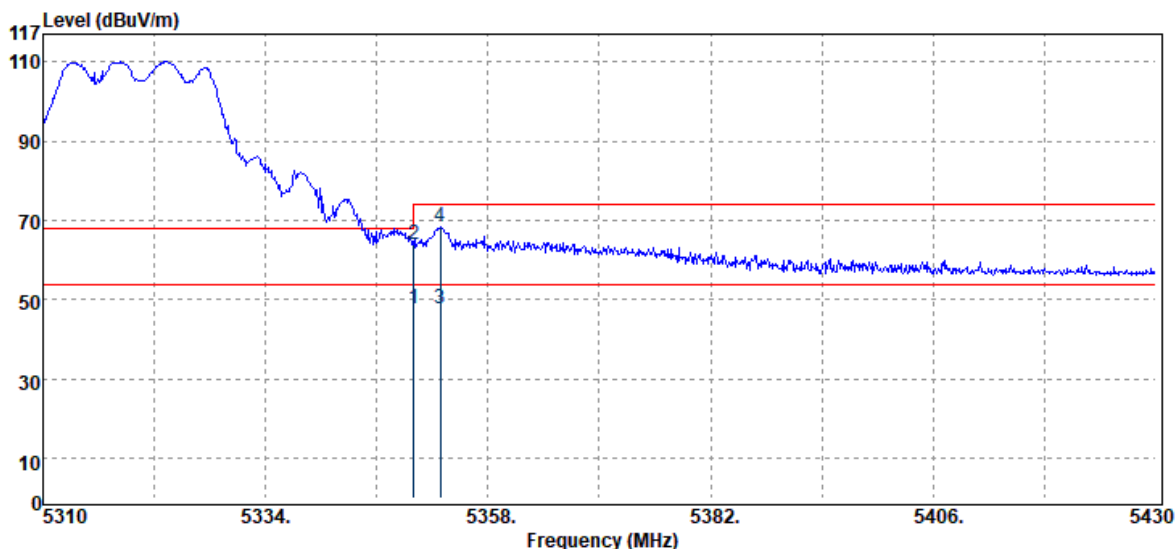
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Report Number :ER/2019/C0048
 Operation Mode :802.11aB2
 Test Channel :5320 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.00	Average	41.60	6.21	47.81	54.00	-6.19
5350.00	Peak	57.70	6.21	63.91	74.00	-10.09
5352.84	Average	41.59	6.22	47.81	54.00	-6.19
5352.84	Peak	62.05	6.22	68.27	74.00	-5.73

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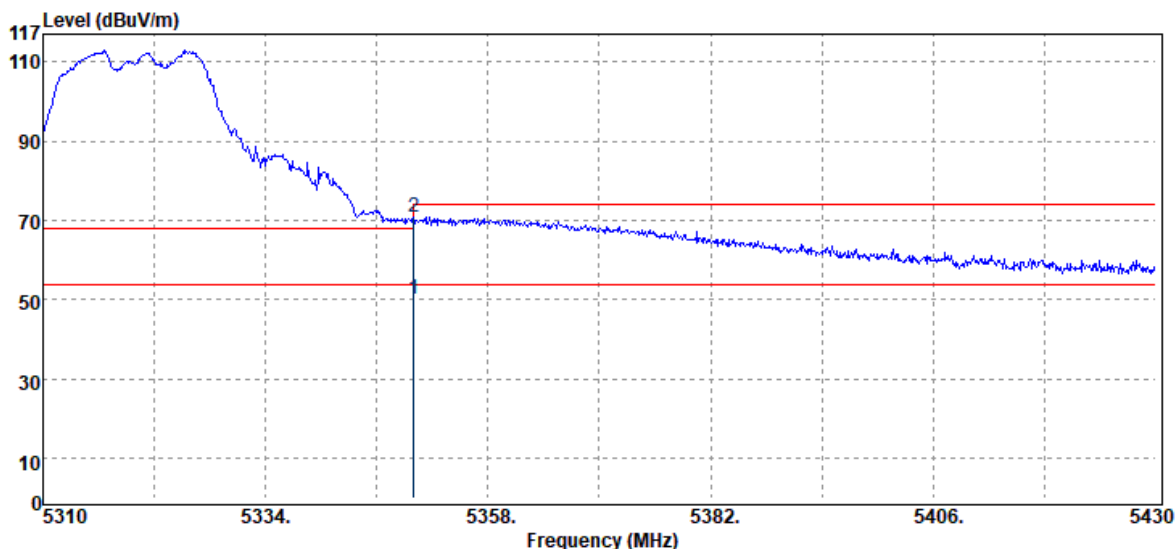
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Report Number :ER/2019/C0048
 Operation Mode :802.11aB2
 Test Channel :5320 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.00	Average	44.14	6.21	50.35	54.00	-3.65
5350.00	Peak	64.74	6.21	70.95	74.00	-3.05

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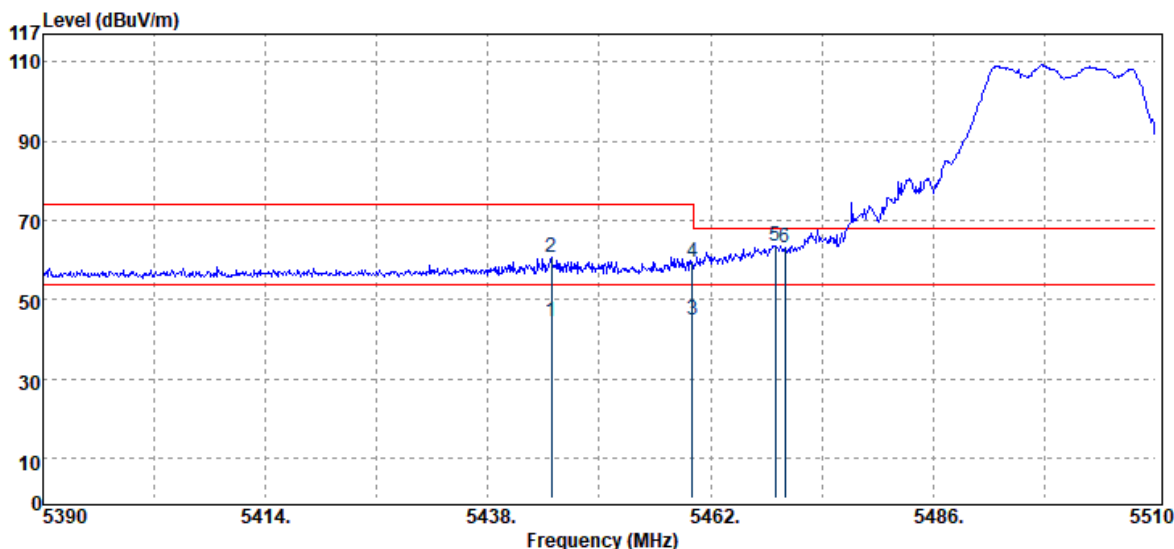
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Report Number :ER/2019/C0048
Operation Mode :802.11aB3
Test Channel :5500 MHz
Test Mode :Bandedge CH Low
EUT Pol :E2 Plane

Test Date :2019-11-25
Temp./Humi. :22.8/66
Antenna Pol. :VERTICAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5444.84	Average	37.89	6.59	44.48	54.00	-9.52
5444.84	Peak	54.04	6.59	60.63	74.00	-13.37
5460.00	Average	38.06	6.69	44.75	54.00	-9.25
5460.00	Peak	52.82	6.69	59.51	74.00	-14.49
5468.96	Peak	56.88	6.76	63.64	68.20	-4.56
5470.00	Peak	56.36	6.77	63.13	68.20	-5.07

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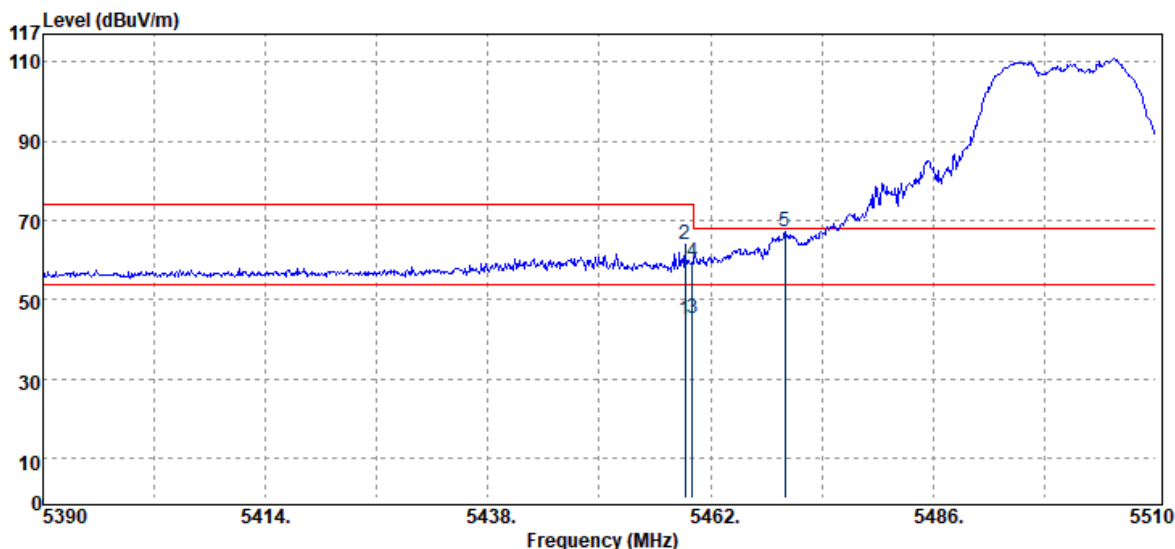
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Report Number :ER/2019/C0048
 Operation Mode :802.11aB3
 Test Channel :5500 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5459.24	Average	38.40	6.68	45.08	54.00	-8.92
5459.24	Peak	57.10	6.68	63.78	74.00	-10.22
5460.00	Average	38.61	6.69	45.30	54.00	-8.70
5460.00	Peak	52.69	6.69	59.38	74.00	-14.62
5470.00	Peak	60.35	6.77	67.12	68.20	-1.08

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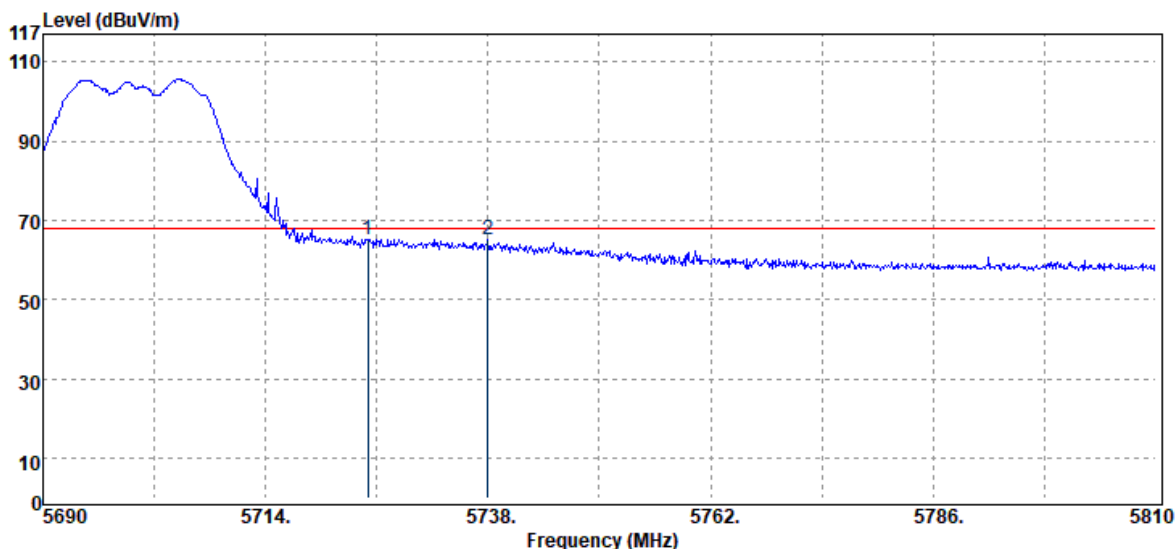
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Report Number :ER/2019/C0048
 Operation Mode :802.11aB3
 Test Channel :5700 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.00	Peak	57.58	7.53	65.11	68.20	-3.09
5738.00	Peak	57.81	7.53	65.34	68.20	-2.86

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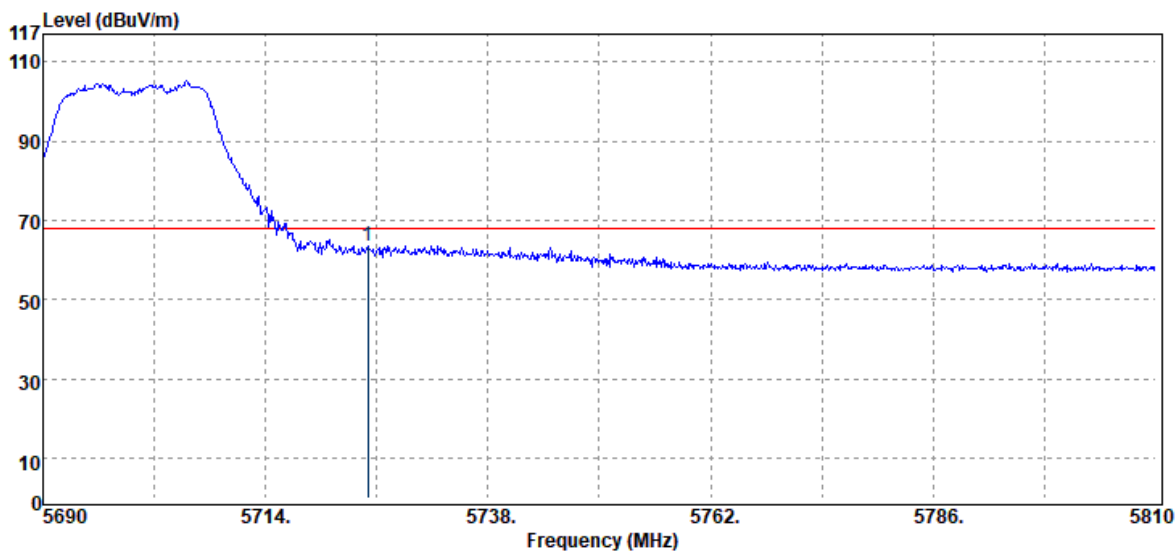
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Report Number :ER/2019/C0048
 Operation Mode :802.11aB3
 Test Channel :5700 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



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
5725.00	Peak	56.02	7.53	63.55	68.20	-4.65

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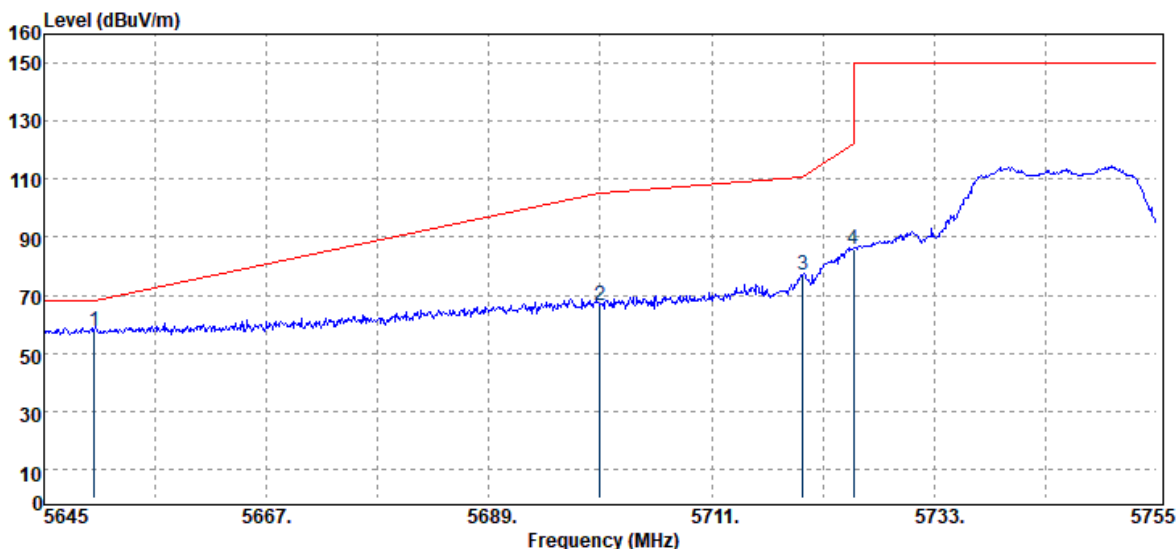
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Report Number :ER/2019/C0048
 Operation Mode :802.11aB4
 Test Channel :5745 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	50.53	7.02	57.55	68.20	-10.65
5700.00	Peak	59.02	7.54	66.56	105.20	-38.64
5720.00	Peak	69.62	7.53	77.15	110.80	-33.65
5725.00	Peak	78.51	7.53	86.04	122.20	-36.16

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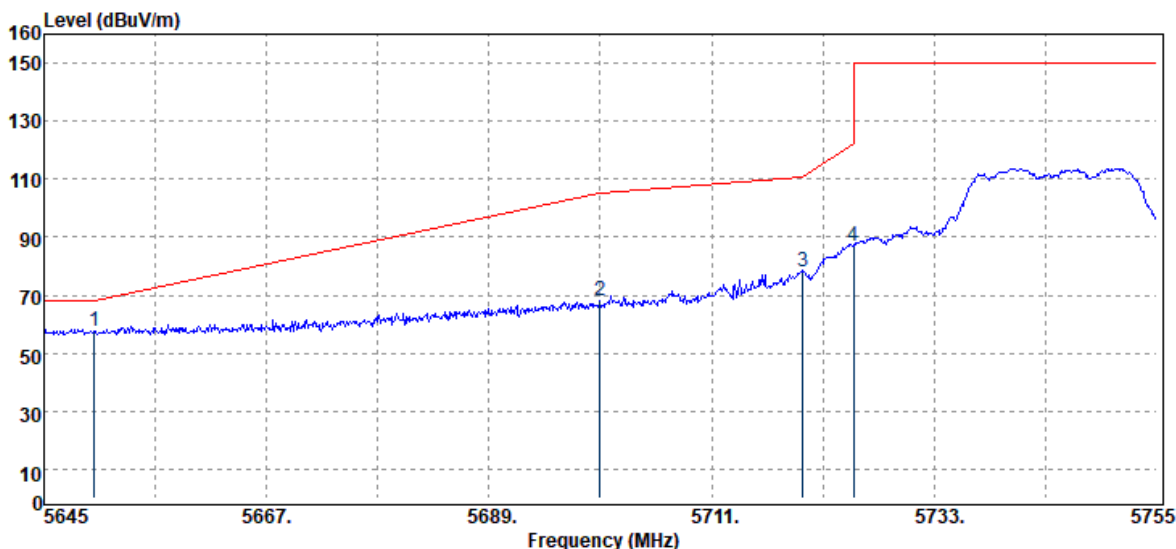
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Report Number :ER/2019/C0048
 Operation Mode :802.11aB4
 Test Channel :5745 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	50.31	7.02	57.33	68.20	-10.87
5700.00	Peak	60.39	7.54	67.93	105.20	-37.27
5720.00	Peak	70.63	7.53	78.16	110.80	-32.64
5725.00	Peak	79.61	7.53	87.14	122.20	-35.06

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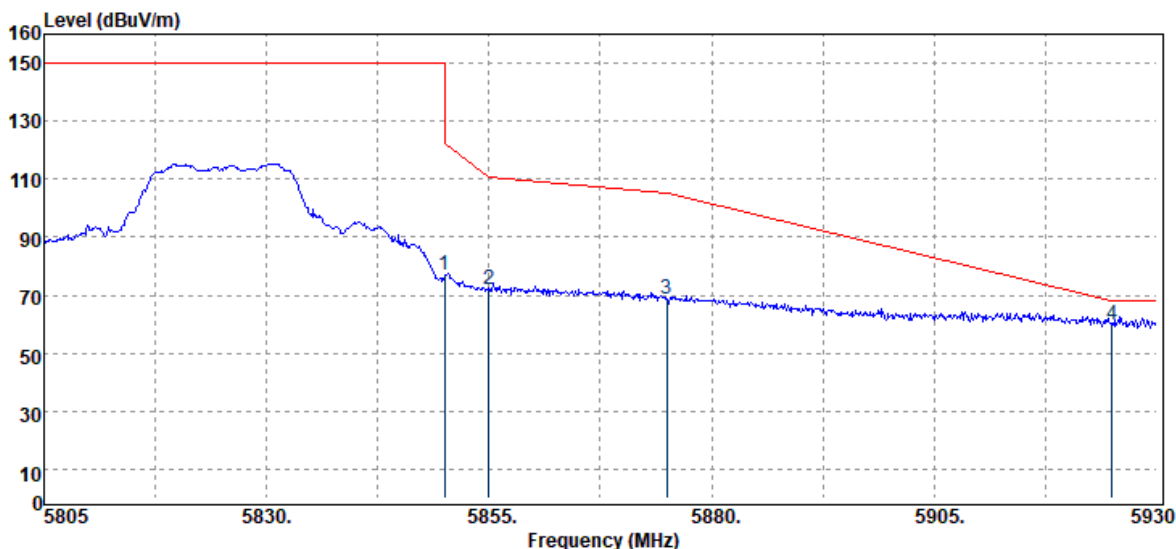
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Report Number :ER/2019/C0048
 Operation Mode :802.11aB4
 Test Channel :5825 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :VERTICAL
 Engineer :Kane



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	69.03	7.76	76.79	122.20	-45.41
5855.00	Peak	64.04	7.77	71.81	110.80	-38.99
5875.00	Peak	61.02	7.83	68.85	105.20	-36.35
5925.00	Peak	51.94	7.97	59.91	68.20	-8.29

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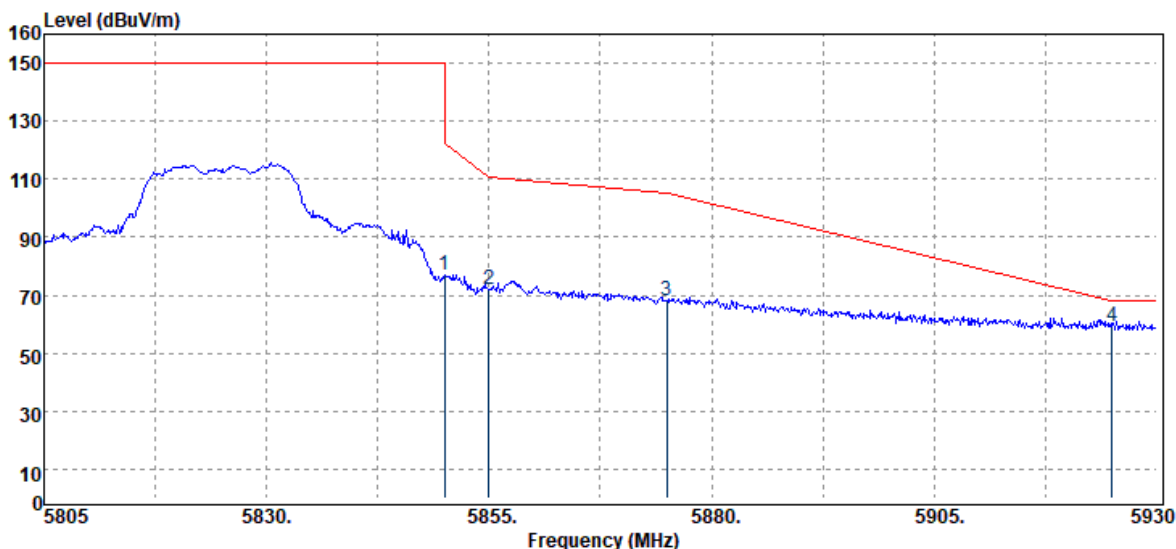
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Report Number :ER/2019/C0048
 Operation Mode :802.11aB4
 Test Channel :5825 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	69.45	7.76	77.21	122.20	-44.99
5855.00	Peak	64.33	7.77	72.10	110.80	-38.70
5875.00	Peak	60.54	7.83	68.37	105.20	-36.83
5925.00	Peak	51.38	7.97	59.35	68.20	-8.85

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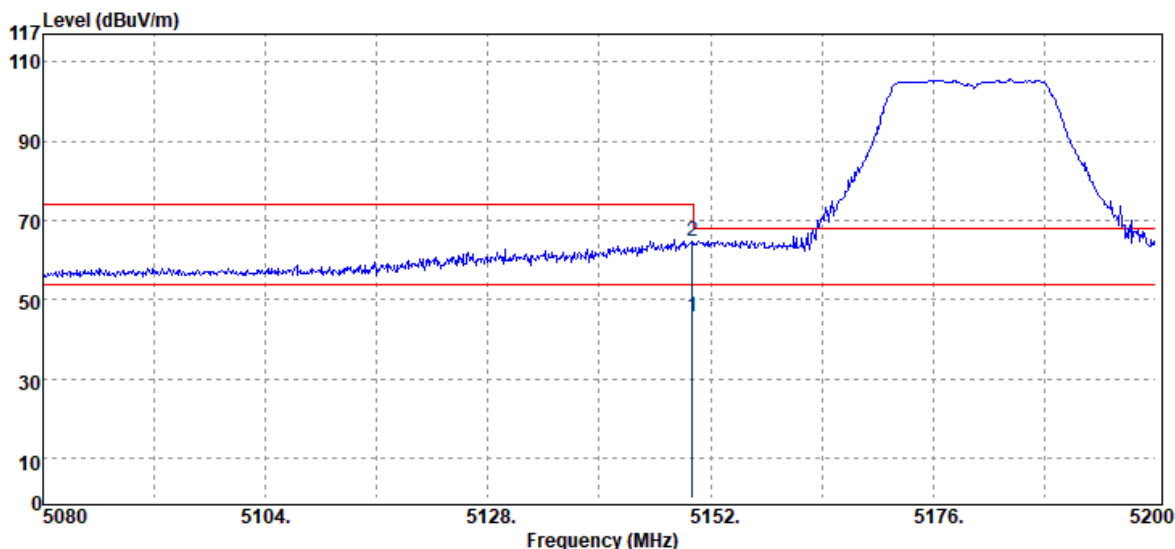
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20B1
 Test Channel :5180 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.00	Average	38.46	7.10	45.56	54.00	-8.44
5150.00	Peak	57.68	7.10	64.78	74.00	-9.22

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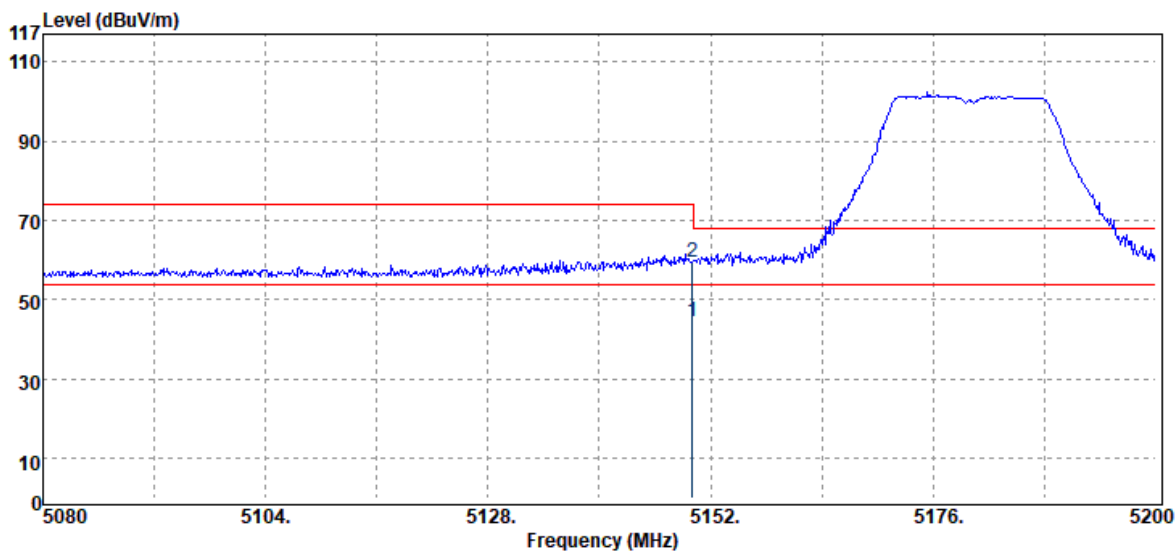
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20B1
 Test Channel :5180 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.00	Average	37.61	7.10	44.71	54.00	-9.29
5150.00	Peak	52.60	7.10	59.70	74.00	-14.30

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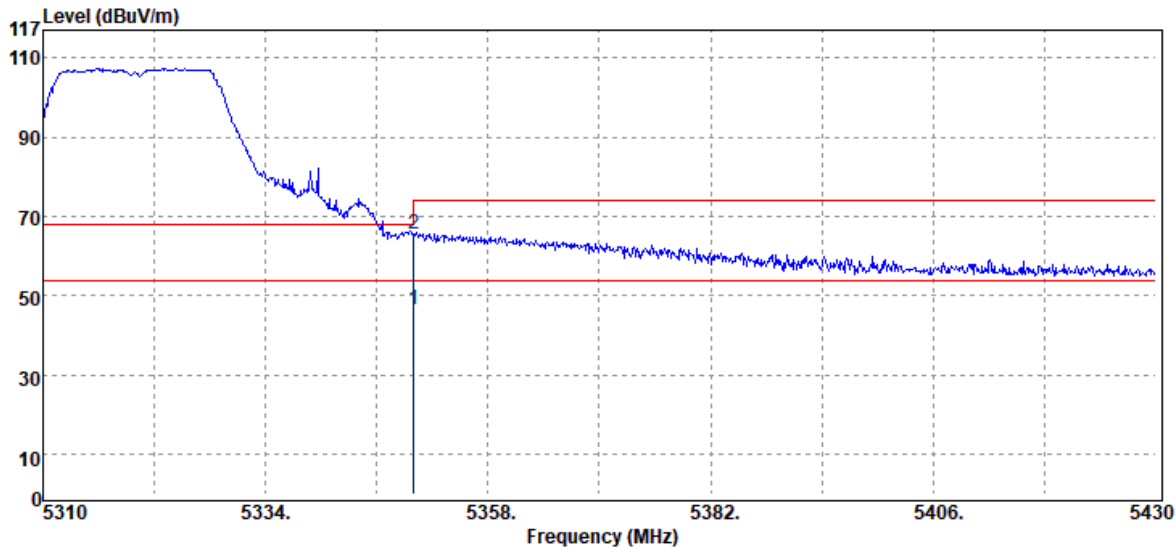
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20B2
 Test Channel :5320 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.00	Average	40.51	6.21	46.72	54.00	-7.28
5350.00	Peak	59.49	6.21	65.70	74.00	-8.30

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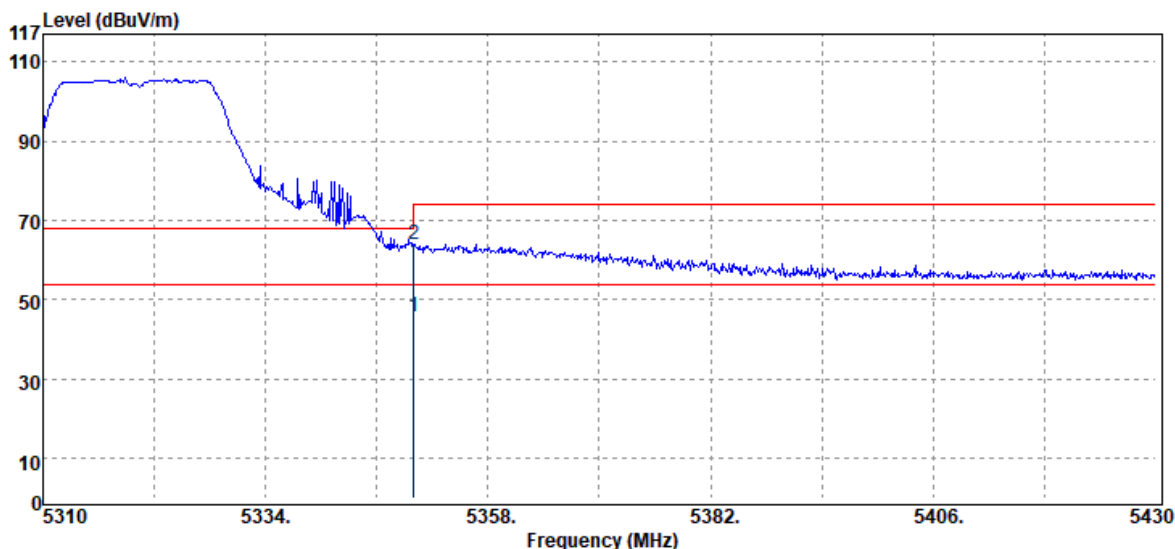
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20B2
 Test Channel :5320 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.00	Average	39.42	6.21	45.63	54.00	-8.37
5350.00	Peak	57.60	6.21	63.81	74.00	-10.19

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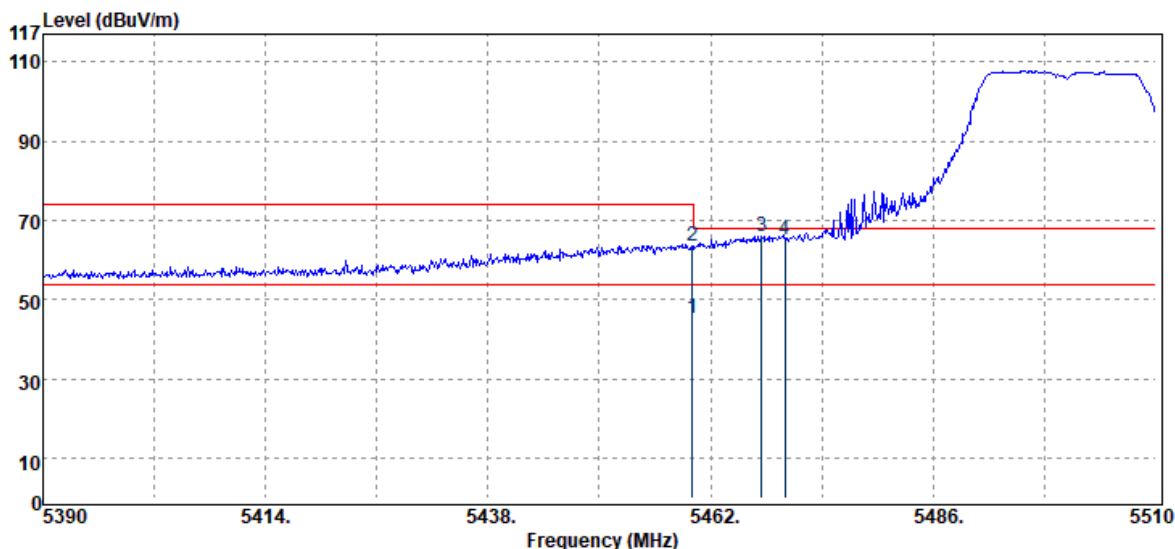
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Report Number :ER/2019/C0048
Operation Mode :802.11n20B3
Test Channel :5500 MHz
Test Mode :Bandedge CH Low
EUT Pol :E2 Plane

Test Date :2019-11-25
Temp./Humi. :22.8/66
Antenna Pol. :VERTICAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5460.00	Average	38.72	6.69	45.41	54.00	-8.59
5460.00	Peak	56.97	6.69	63.66	74.00	-10.34
5467.52	Peak	59.24	6.75	65.99	68.20	-2.21
5470.00	Peak	58.60	6.77	65.37	68.20	-2.83

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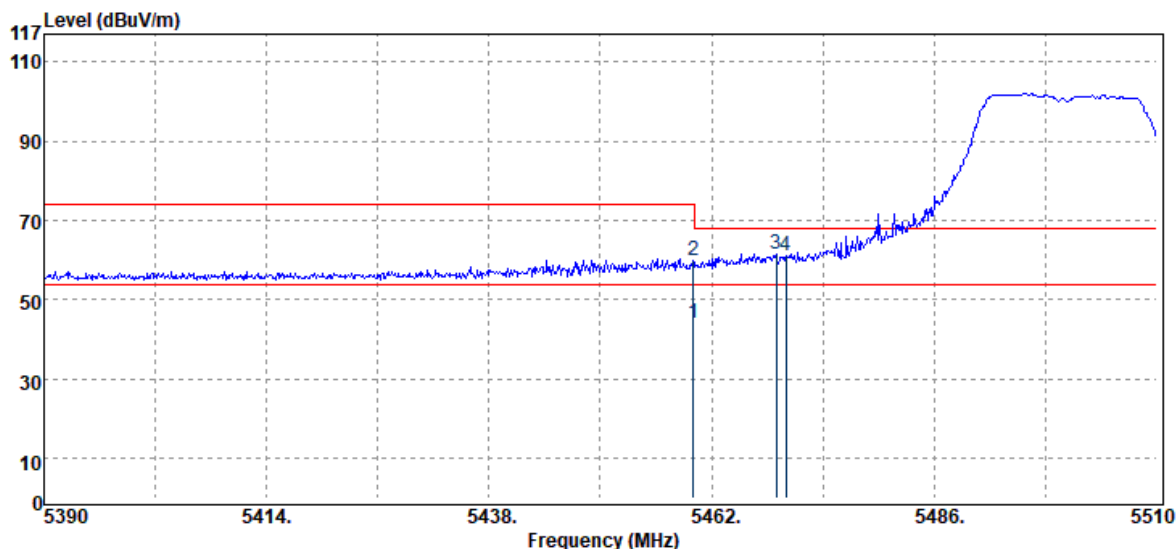
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20B3
 Test Channel :5500 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5460.00	Average	37.60	6.69	44.29	54.00	-9.71
5460.00	Peak	53.31	6.69	60.00	74.00	-14.00
5468.96	Peak	54.93	6.76	61.69	68.20	-6.51
5470.00	Peak	54.54	6.77	61.31	68.20	-6.89

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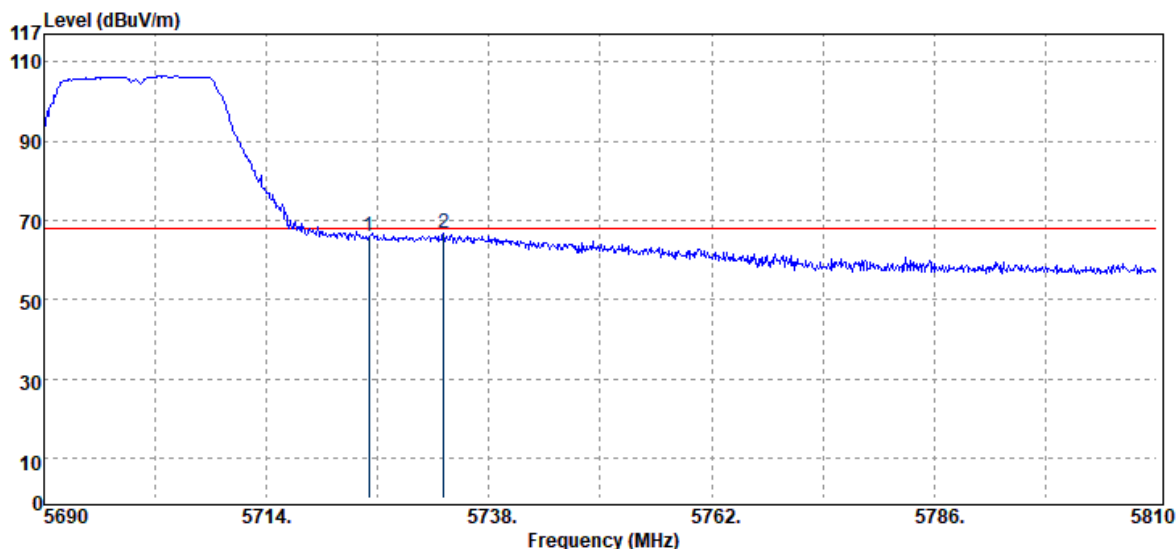
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20B3
 Test Channel :5700 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.00	Peak	58.56	7.53	66.09	68.20	-2.11
5733.08	Peak	59.20	7.53	66.73	68.20	-1.47

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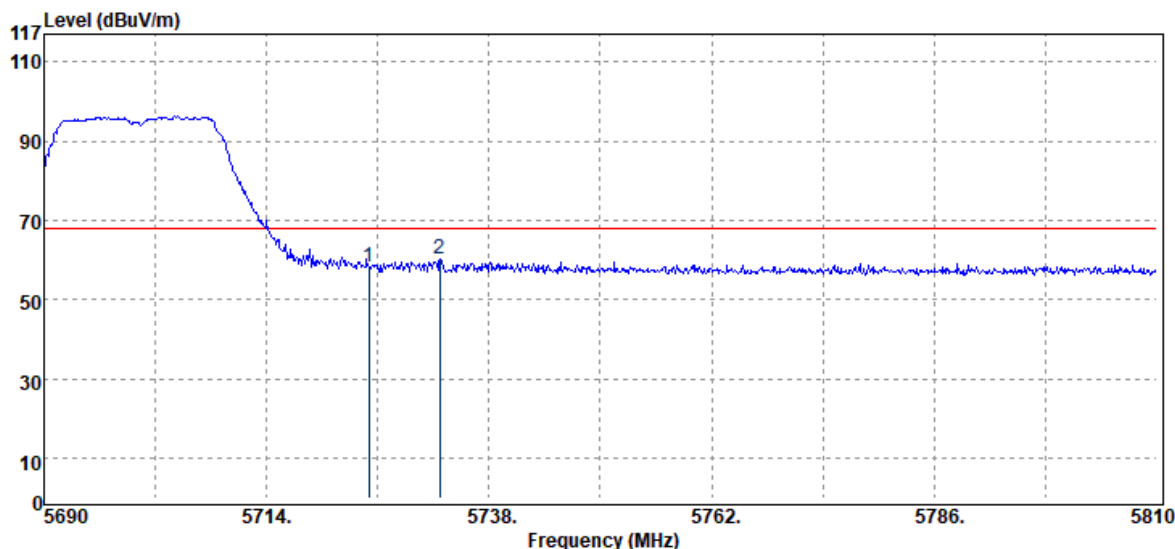
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Report Number :ER/2019/C0048
Operation Mode :802.11n20B3
Test Channel :5700 MHz
Test Mode :Bandedge CH High
EUT Pol :E2 Plane

Test Date :2019-11-25
Temp./Humi. :22.8/66
Antenna Pol. :HORIZONTAL
Engineer :Kane



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
5725.00	Peak	50.57	7.53	58.10	68.20	-10.10
5732.72	Peak	52.63	7.54	60.17	68.20	-8.03

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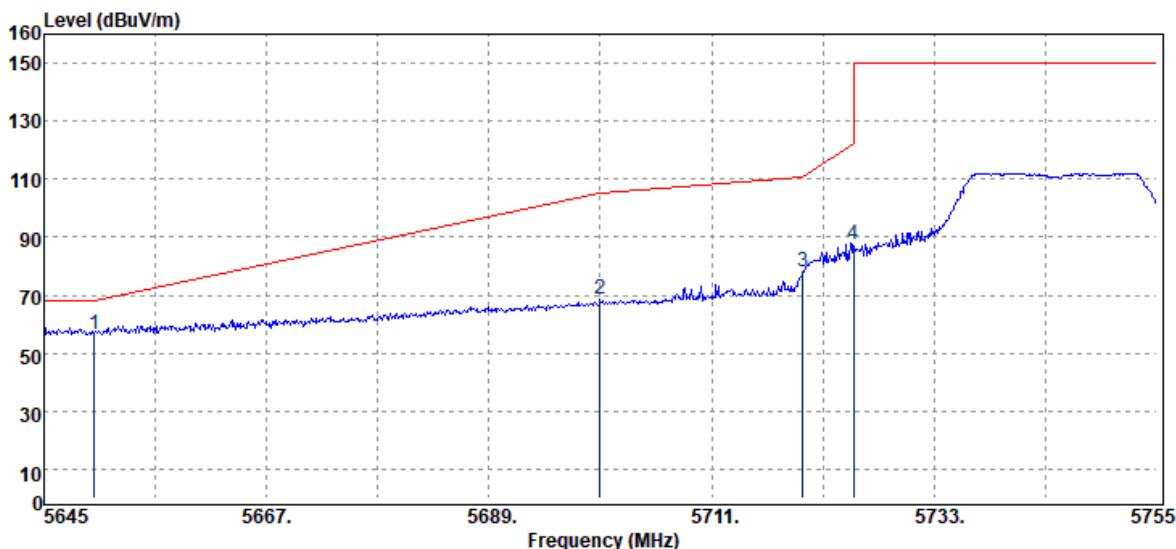
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20B4
 Test Channel :5745 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	49.56	7.02	56.58	68.20	-11.62
5700.00	Peak	60.90	7.54	68.44	105.20	-36.76
5720.00	Peak	70.26	7.53	77.79	110.80	-33.01
5725.00	Peak	80.13	7.53	87.66	122.20	-34.54

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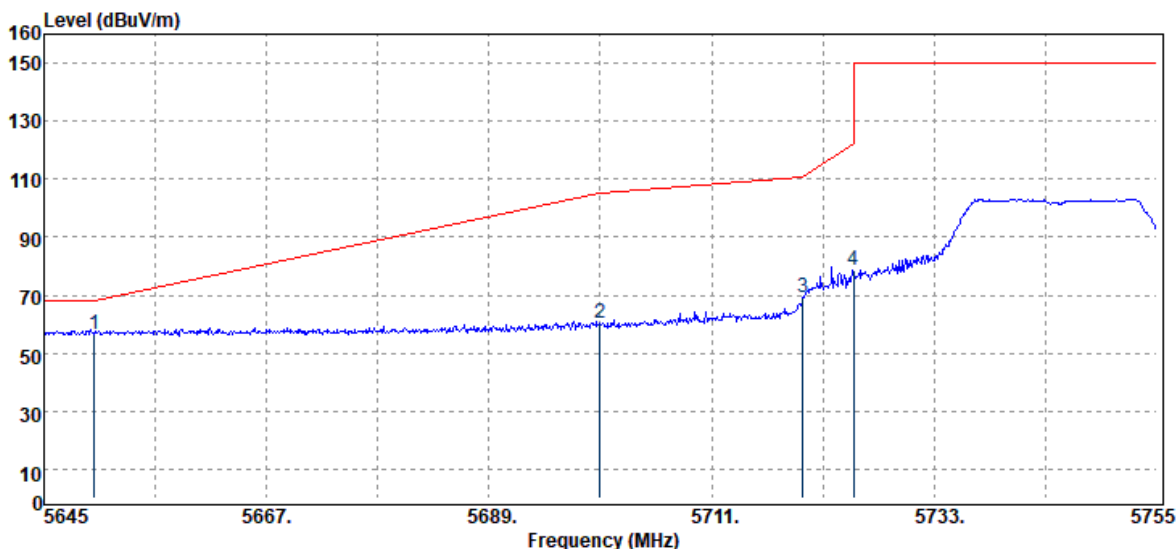
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20B4
 Test Channel :5745 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	49.60	7.02	56.62	68.20	-11.58
5700.00	Peak	52.77	7.54	60.31	105.20	-44.89
5720.00	Peak	61.42	7.53	68.95	110.80	-41.85
5725.00	Peak	71.31	7.53	78.84	122.20	-43.36

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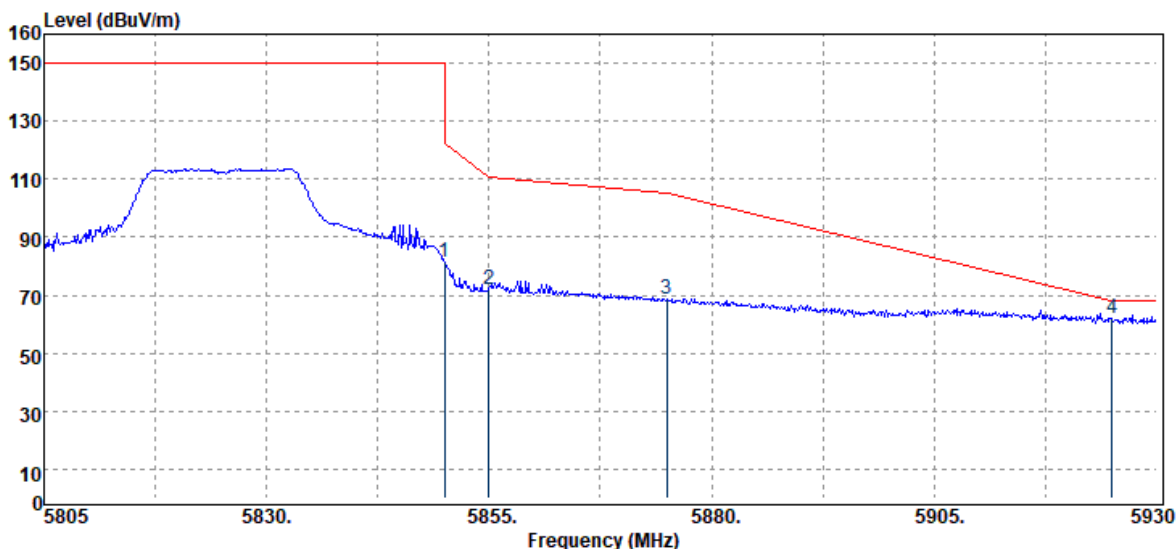
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Report Number :ER/2019/C0048
Operation Mode :802.11n20B4
Test Channel :5825 MHz
Test Mode :Bandedge CH High
EUT Pol :E2 Plane

Test Date :2019-11-25
Temp./Humi. :22.8/66
Antenna Pol. :VERTICAL
Engineer :Kane



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	73.79	7.76	81.55	122.20	-40.65
5855.00	Peak	64.10	7.77	71.87	110.80	-38.93
5875.00	Peak	60.61	7.83	68.44	105.20	-36.76
5925.00	Peak	53.95	7.97	61.92	68.20	-6.28

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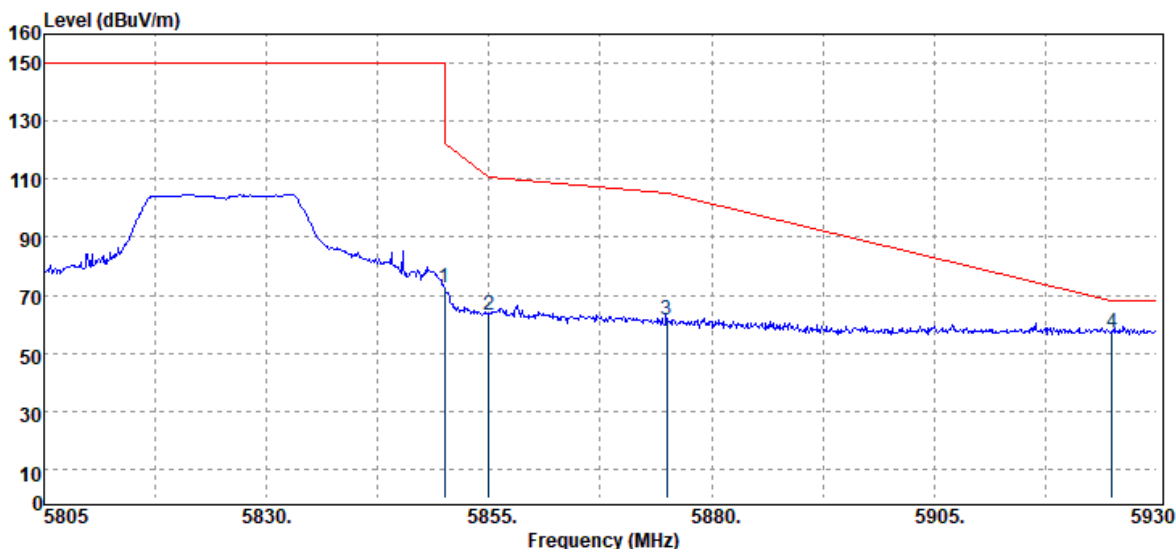
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Report Number :ER/2019/C0048
 Operation Mode :802.11n20B4
 Test Channel :5825 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	64.93	7.76	72.69	122.20	-49.51
5855.00	Peak	55.42	7.77	63.19	110.80	-47.61
5875.00	Peak	53.43	7.83	61.26	105.20	-43.94
5925.00	Peak	49.19	7.97	57.16	68.20	-11.04

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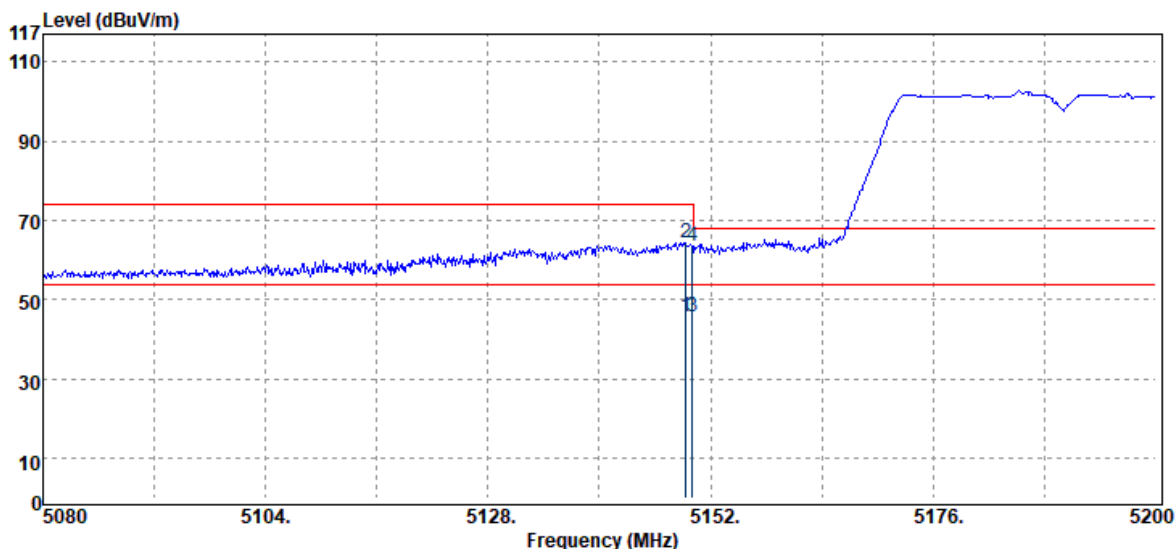
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40B1
 Test Channel :5190 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5149.36	Average	38.66	7.11	45.77	54.00	-8.23
5149.36	Peak	57.30	7.11	64.41	74.00	-9.59
5150.00	Average	38.50	7.10	45.60	54.00	-8.40
5150.00	Peak	56.49	7.10	63.59	74.00	-10.41

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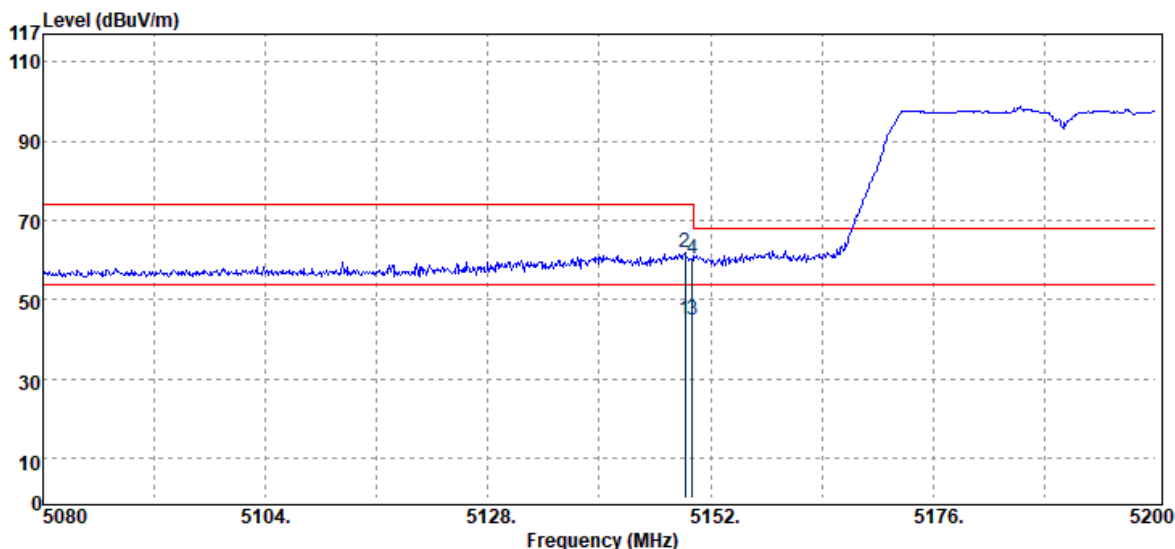
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40B1
 Test Channel :5190 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5149.24	Average	37.80	7.12	44.92	54.00	-9.08
5149.24	Peak	54.68	7.12	61.80	74.00	-12.20
5150.00	Average	37.78	7.10	44.88	54.00	-9.12
5150.00	Peak	53.28	7.10	60.38	74.00	-13.62

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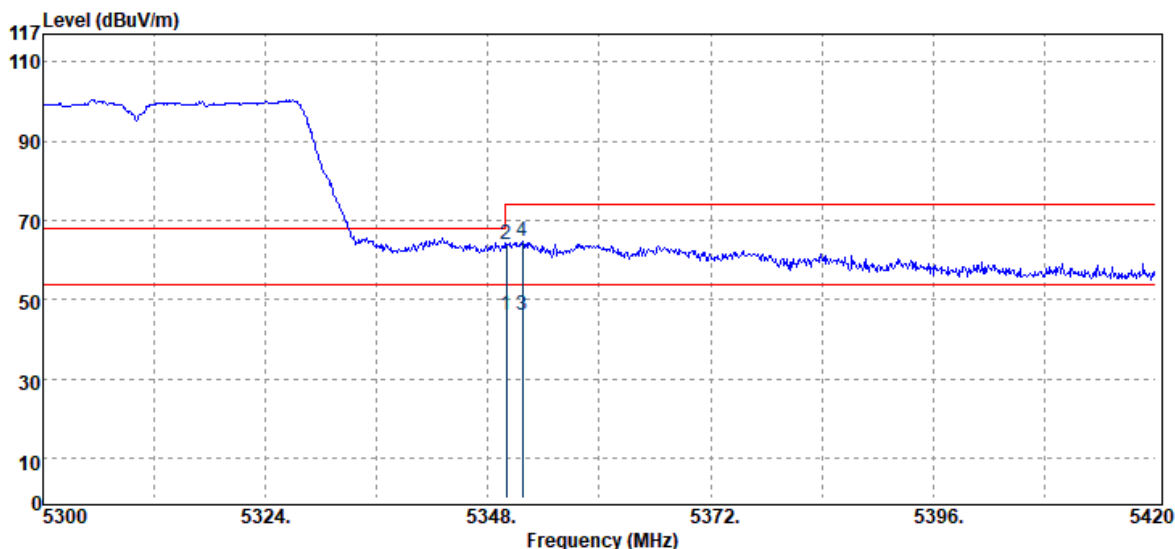
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40B2
 Test Channel :5310 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.00	Average	39.91	6.21	46.12	54.00	-7.88
5350.00	Peak	57.84	6.21	64.05	74.00	-9.95
5351.72	Average	39.87	6.22	46.09	54.00	-7.91
5351.72	Peak	58.49	6.22	64.71	74.00	-9.29

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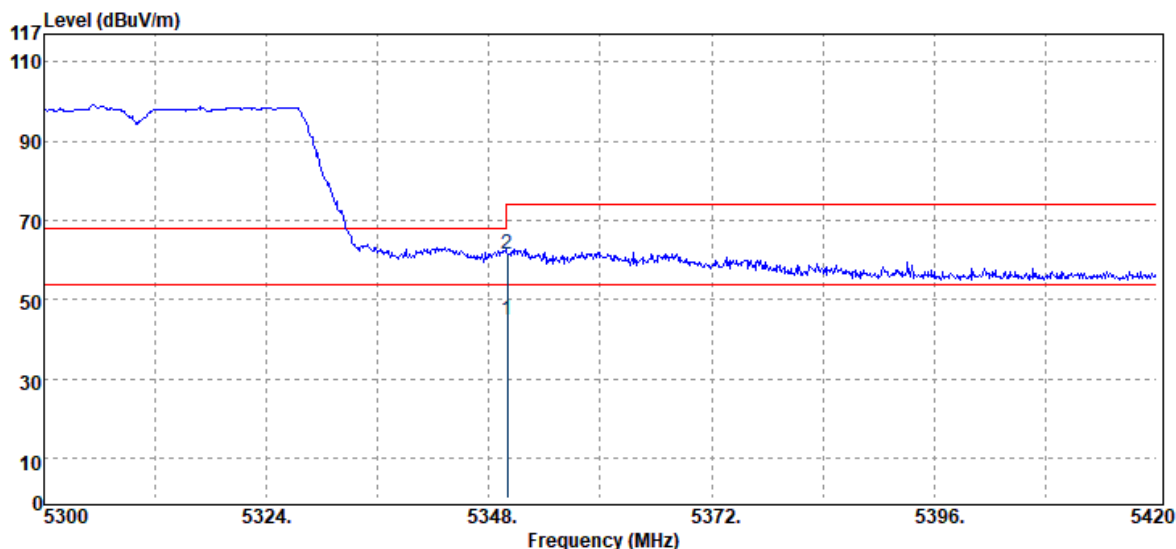
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40B2
 Test Channel :5310 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.00	Average	38.81	6.21	45.02	54.00	-8.98
5350.00	Peak	55.49	6.21	61.70	74.00	-12.30

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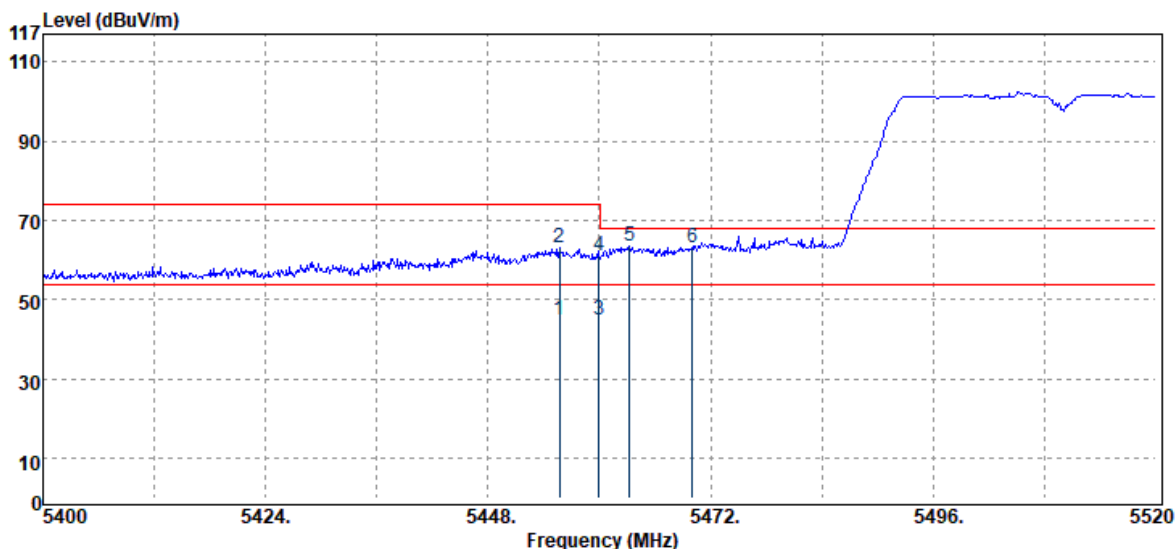
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40B3
 Test Channel :5510 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5455.68	Average	38.09	6.65	44.74	54.00	-9.26
5455.68	Peak	56.36	6.65	63.01	74.00	-10.99
5460.00	Average	38.19	6.69	44.88	54.00	-9.12
5460.00	Peak	54.55	6.69	61.24	74.00	-12.76
5463.24	Peak	56.75	6.71	63.46	68.20	-4.74
5470.00	Peak	56.53	6.77	63.30	68.20	-4.90

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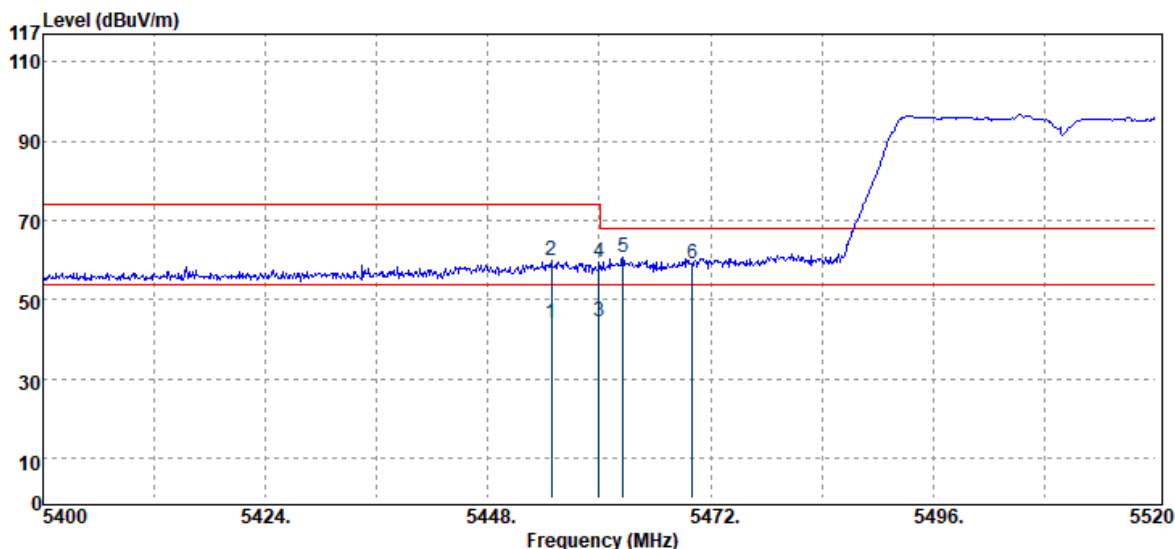
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40B3
 Test Channel :5510 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5454.84	Average	37.50	6.66	44.16	54.00	-9.84
5454.84	Peak	53.05	6.66	59.71	74.00	-14.29
5460.00	Average	37.66	6.69	44.35	54.00	-9.65
5460.00	Peak	52.88	6.69	59.57	74.00	-14.43
5462.52	Peak	54.09	6.71	60.80	68.20	-7.40
5470.00	Peak	52.19	6.77	58.96	68.20	-9.24

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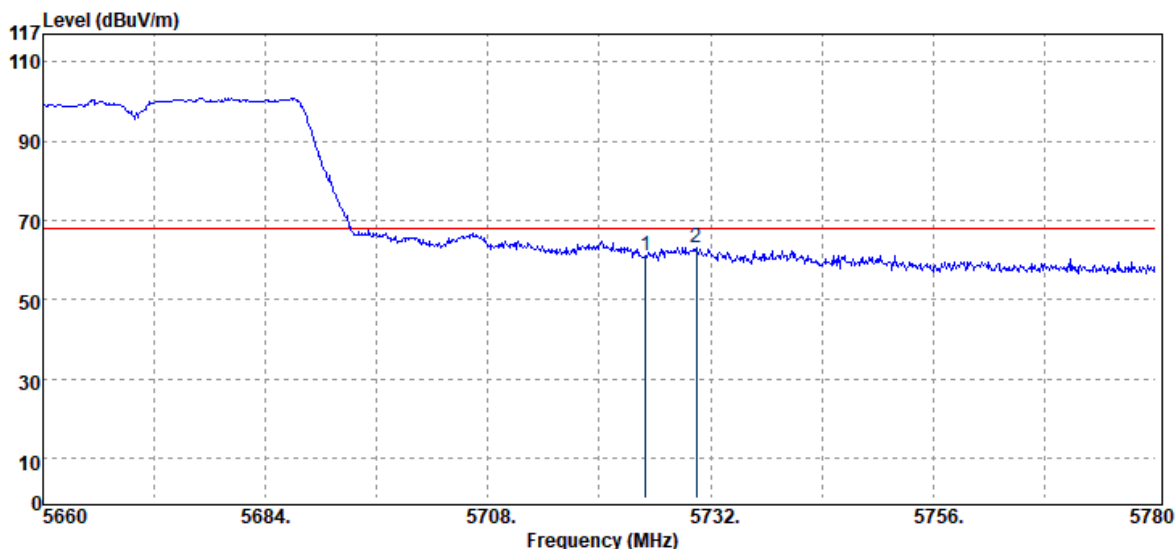
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40B3
 Test Channel :5670 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.00	Peak	53.74	7.53	61.27	68.20	-6.93
5730.44	Peak	55.56	7.53	63.09	68.20	-5.11

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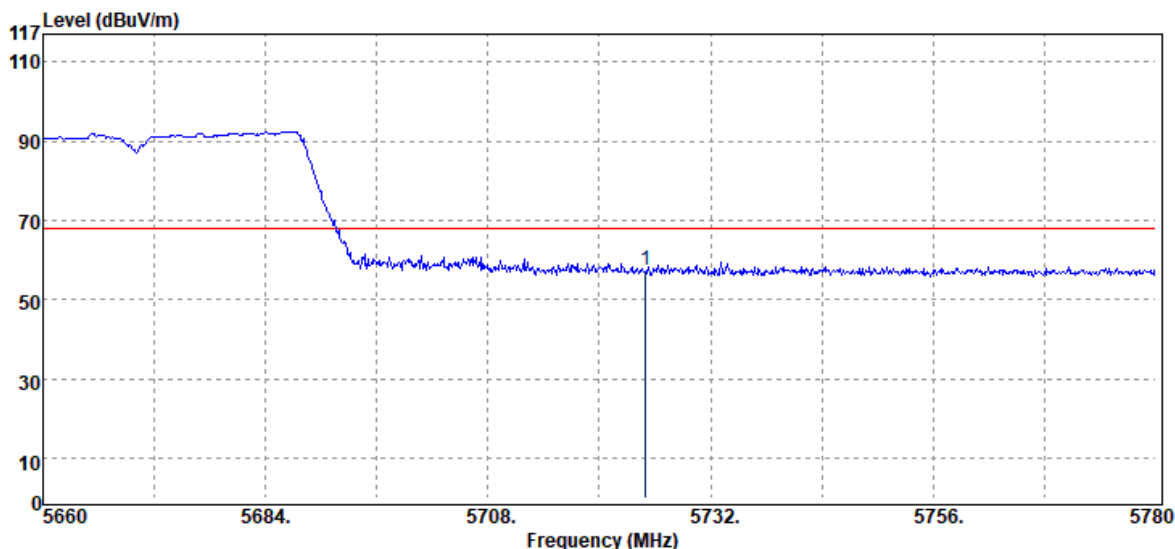
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Report Number :ER/2019/C0048
Operation Mode :802.11n40B3
Test Channel :5670 MHz
Test Mode :Bandedge CH High
EUT Pol :E2 Plane

Test Date :2019-11-25
Temp./Humi. :22.8/66
Antenna Pol. :HORIZONTAL
Engineer :Kane



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
5725.00	Peak	50.07	7.53	57.60	68.20	-10.60

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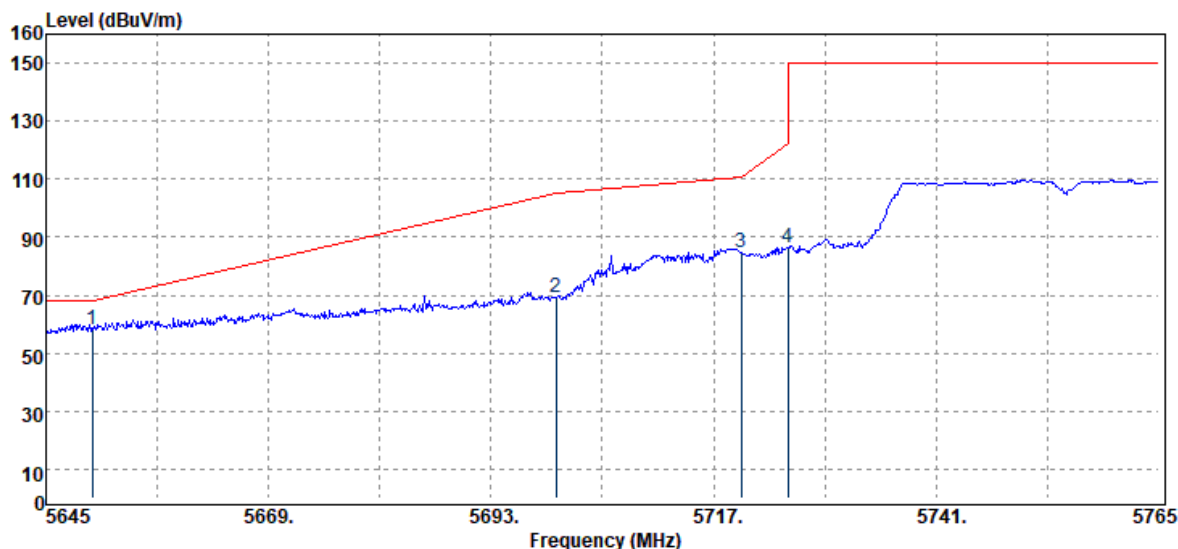
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40B4
 Test Channel :5755 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5650.00	Peak	51.29	7.02	58.31	68.20	-9.89
5700.00	Peak	61.40	7.54	68.94	105.20	-36.26
5720.00	Peak	77.23	7.53	84.76	110.80	-26.04
5725.00	Peak	78.95	7.53	86.48	122.20	-35.72

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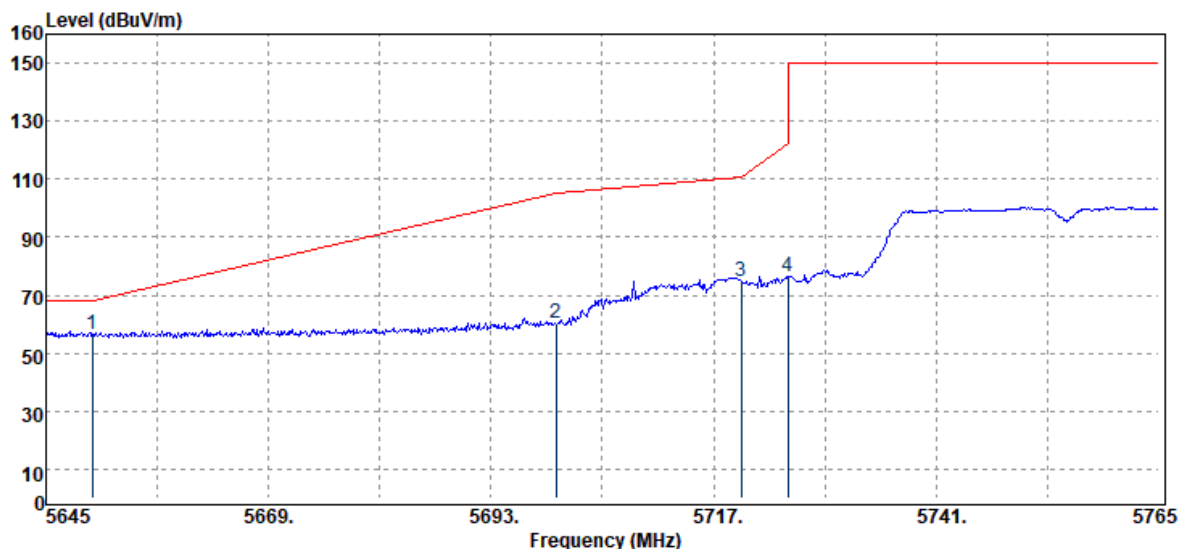
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40B4
 Test Channel :5755 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	49.28	7.02	56.30	68.20	-11.90
5700.00	Peak	52.94	7.54	60.48	105.20	-44.72
5720.00	Peak	67.01	7.53	74.54	110.80	-36.26
5725.00	Peak	68.66	7.53	76.19	122.20	-46.01

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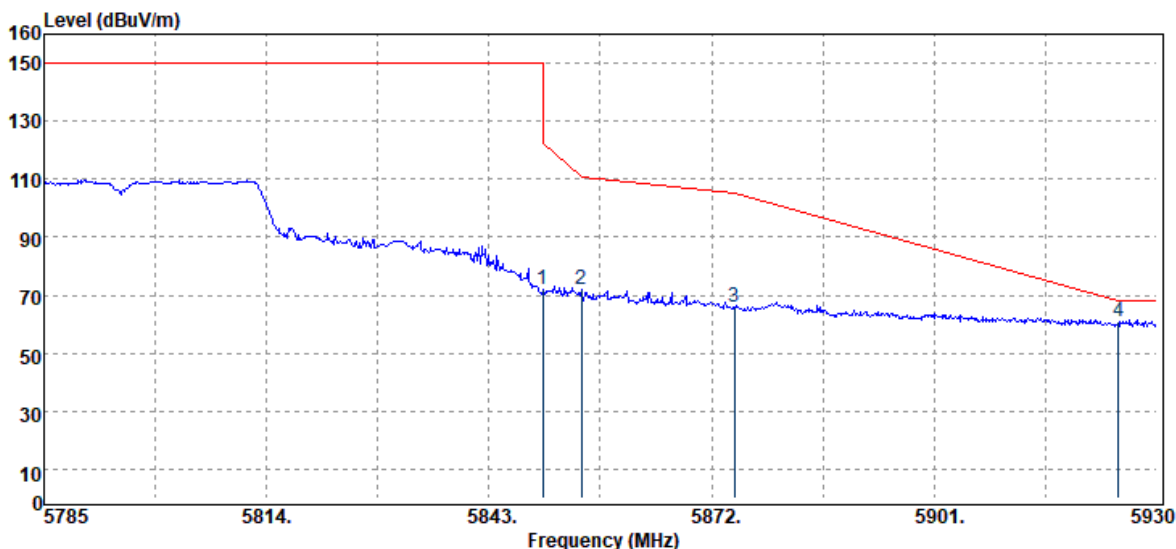
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40B4
 Test Channel :5795 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	64.09	7.76	71.85	122.20	-50.35
5855.00	Peak	64.04	7.77	71.81	110.80	-38.99
5875.00	Peak	57.91	7.83	65.74	105.20	-39.46
5925.00	Peak	52.95	7.97	60.92	68.20	-7.28

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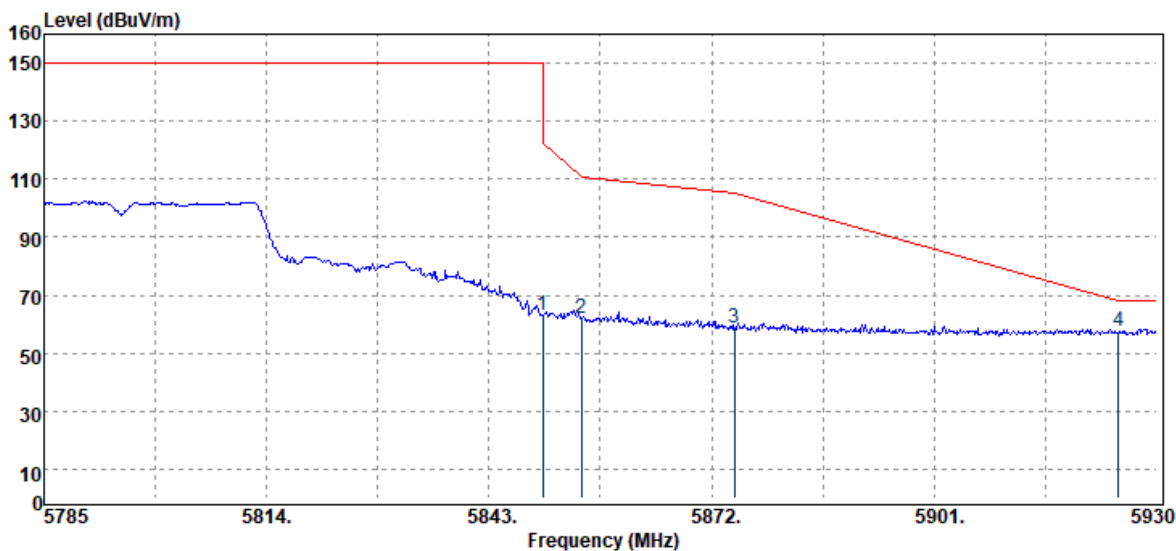
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Report Number :ER/2019/C0048
 Operation Mode :802.11n40B4
 Test Channel :5795 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	55.09	7.76	62.85	122.20	-59.35
5855.00	Peak	54.06	7.77	61.83	110.80	-48.97
5875.00	Peak	50.87	7.83	58.70	105.20	-46.50
5925.00	Peak	49.73	7.97	57.70	68.20	-10.50

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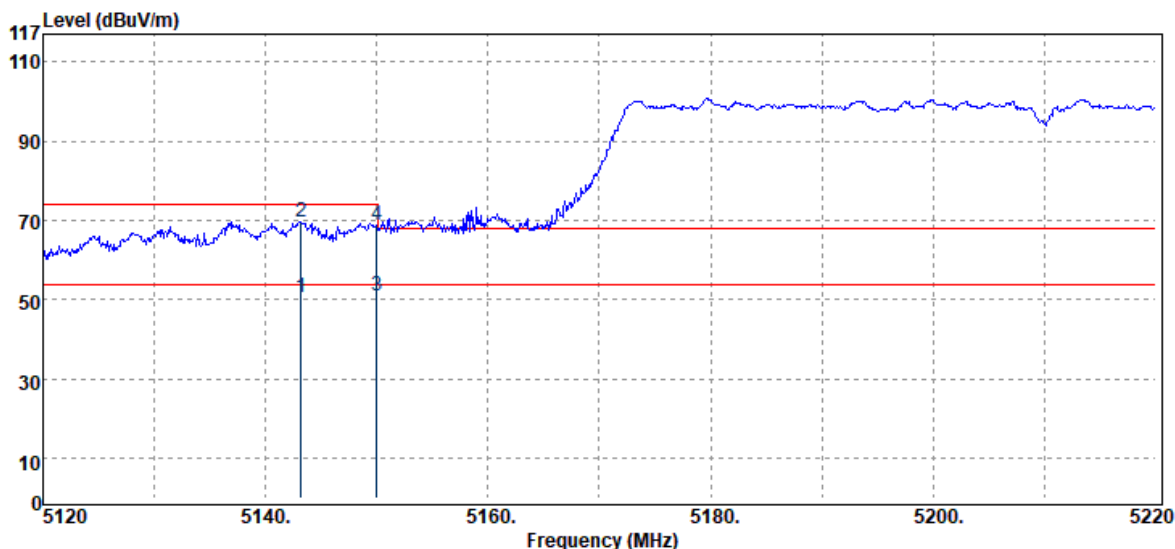
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80B1
 Test Channel :5210 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5143.20	Average	43.60	7.14	50.74	54.00	-3.26
5143.20	Peak	62.50	7.14	69.64	74.00	-4.36
5150.00	Average	44.04	7.10	51.14	54.00	-2.86
5150.00	Peak	61.82	7.10	68.92	74.00	-5.08

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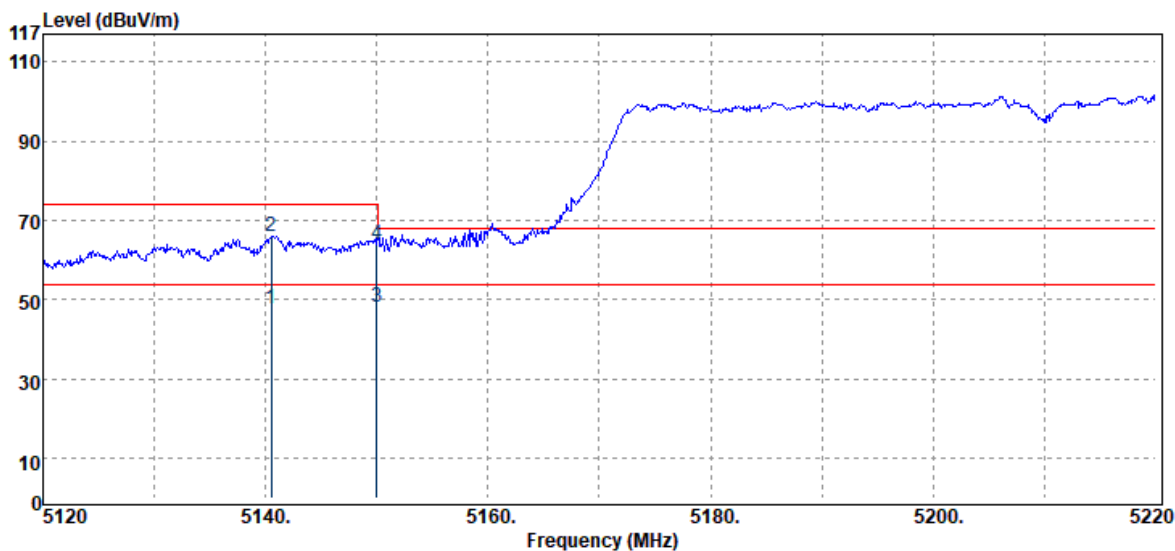
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Report Number :ER/2019/C0048
Operation Mode :802.11ac80B1
Test Channel :5210 MHz
Test Mode :Bandedge CH Low
EUT Pol :E2 Plane

Test Date :2019-11-25
Temp./Humi. :22.8/66
Antenna Pol. :HORIZONTAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5140.50	Average	40.41	7.17	47.58	54.00	-6.42
5140.50	Peak	58.85	7.17	66.02	74.00	-7.98
5150.00	Average	41.02	7.10	48.12	54.00	-5.88
5150.00	Peak	57.04	7.10	64.14	74.00	-9.86

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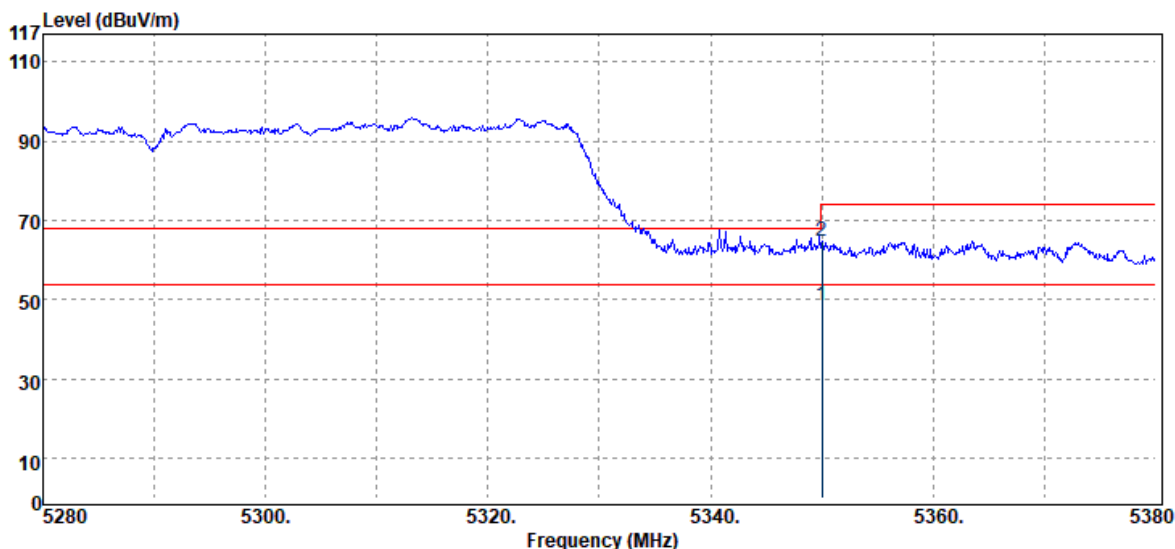
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80B2
 Test Channel :5290 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.00	Average	42.27	6.21	48.48	54.00	-5.52
5350.00	Peak	58.69	6.21	64.90	74.00	-9.10

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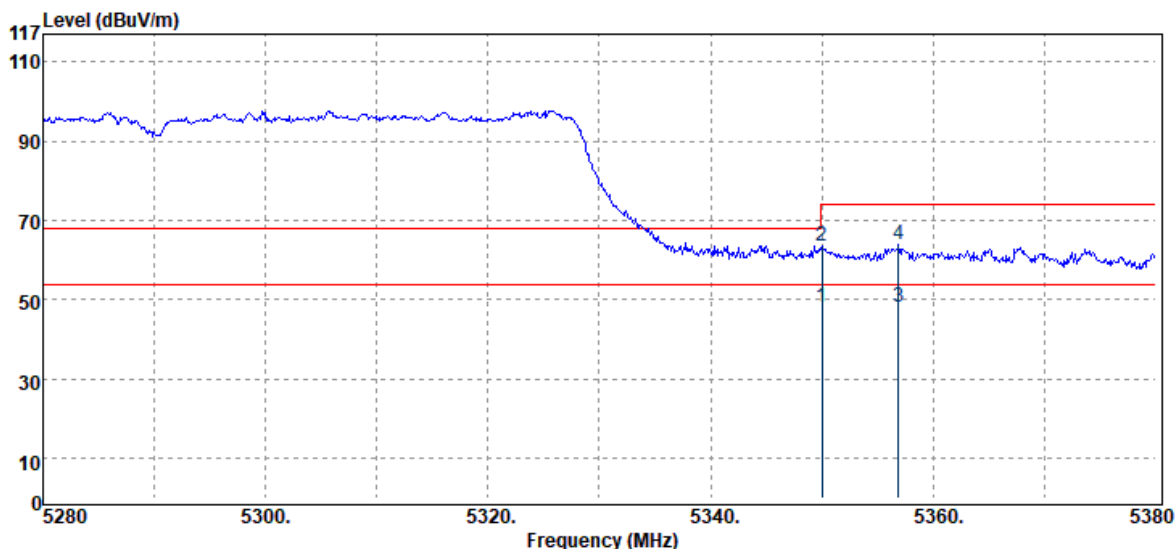
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80B2
 Test Channel :5290 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.00	Average	42.13	6.21	48.34	54.00	-5.66
5350.00	Peak	57.43	6.21	63.64	74.00	-10.36
5356.90	Average	41.87	6.24	48.11	54.00	-5.89
5356.90	Peak	57.67	6.24	63.91	74.00	-10.09

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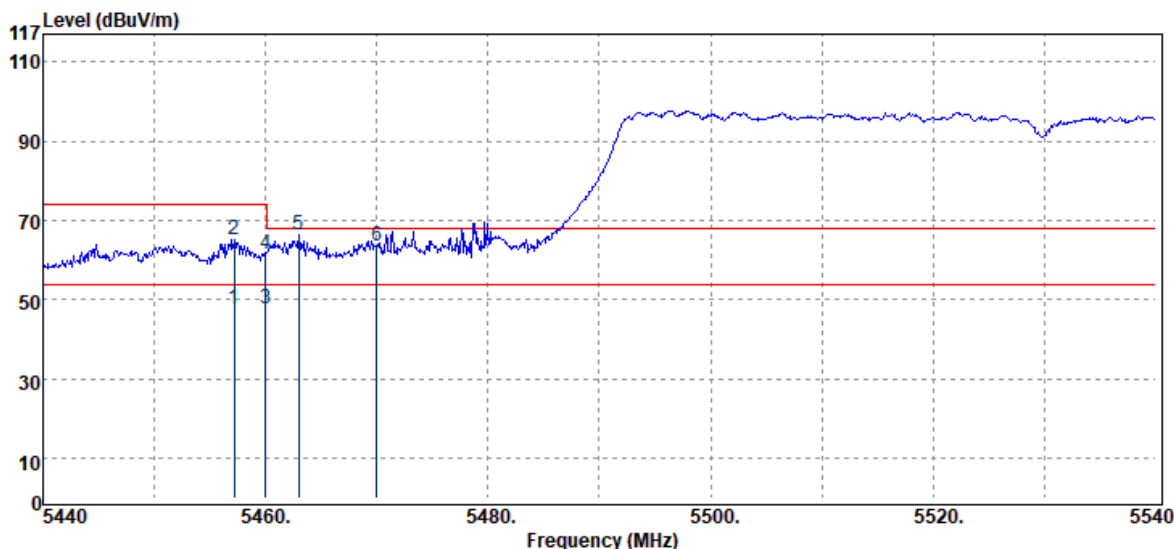
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Report Number :ER/2019/C0048
Operation Mode :802.11ac80B3
Test Channel :5530 MHz
Test Mode :Bandedge CH Low
EUT Pol :E2 Plane

Test Date :2019-11-25
Temp./Humi. :22.8/66
Antenna Pol. :VERTICAL
Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5457.20	Average	41.08	6.67	47.75	54.00	-6.25
5457.20	Peak	58.64	6.67	65.31	74.00	-8.69
5460.00	Average	41.03	6.69	47.72	54.00	-6.28
5460.00	Peak	55.00	6.69	61.69	74.00	-12.31
5463.00	Peak	59.52	6.71	66.23	68.20	-1.97
5470.00	Peak	56.77	6.77	63.54	68.20	-4.66

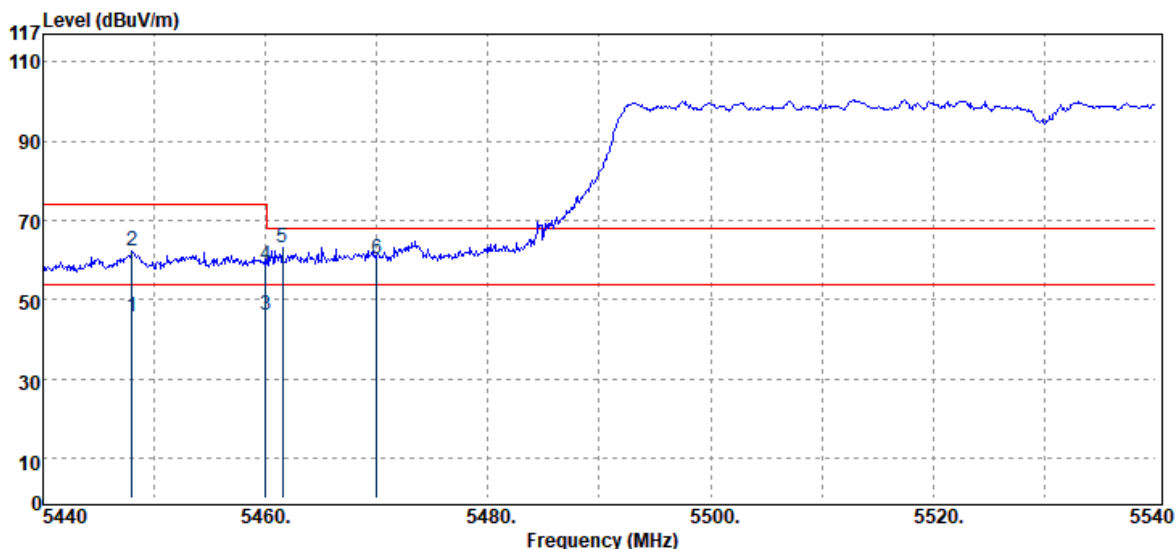
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80B3
 Test Channel :5530 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5448.00	Average	39.25	6.61	45.86	54.00	-8.14
5448.00	Peak	55.78	6.61	62.39	74.00	-11.61
5460.00	Average	39.66	6.69	46.35	54.00	-7.65
5460.00	Peak	52.06	6.69	58.75	74.00	-15.25
5461.50	Peak	56.45	6.70	63.15	68.20	-5.05
5470.00	Peak	53.71	6.77	60.48	68.20	-7.72

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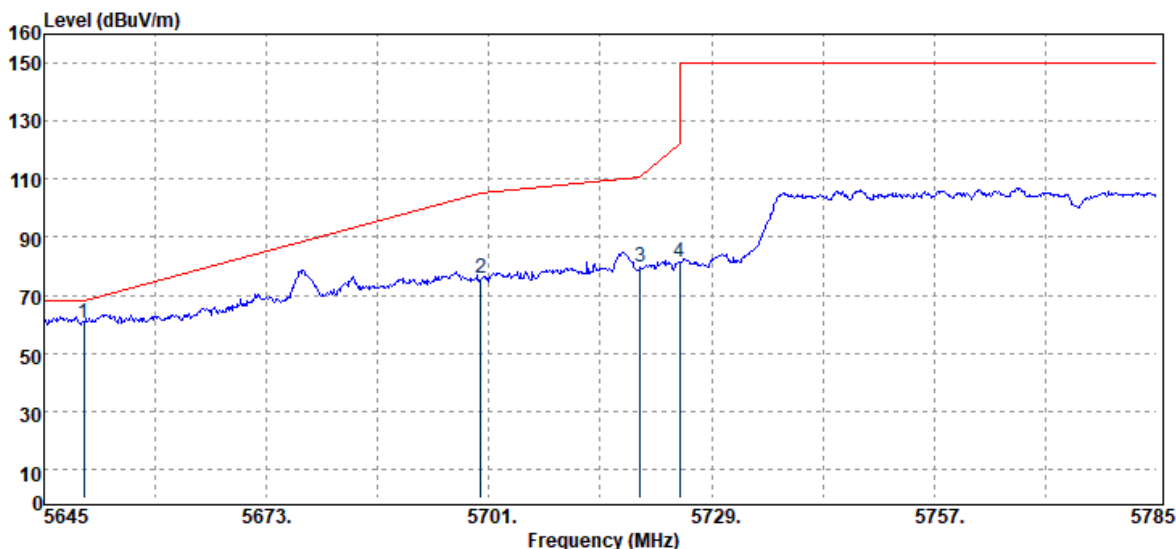
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80B4
 Test Channel :5775 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5650.00	Peak	53.54	7.02	60.56	68.20	-7.64
5700.00	Peak	68.16	7.54	75.70	105.20	-29.50
5720.00	Peak	72.04	7.53	79.57	110.80	-31.23
5725.00	Peak	73.69	7.53	81.22	122.20	-40.98

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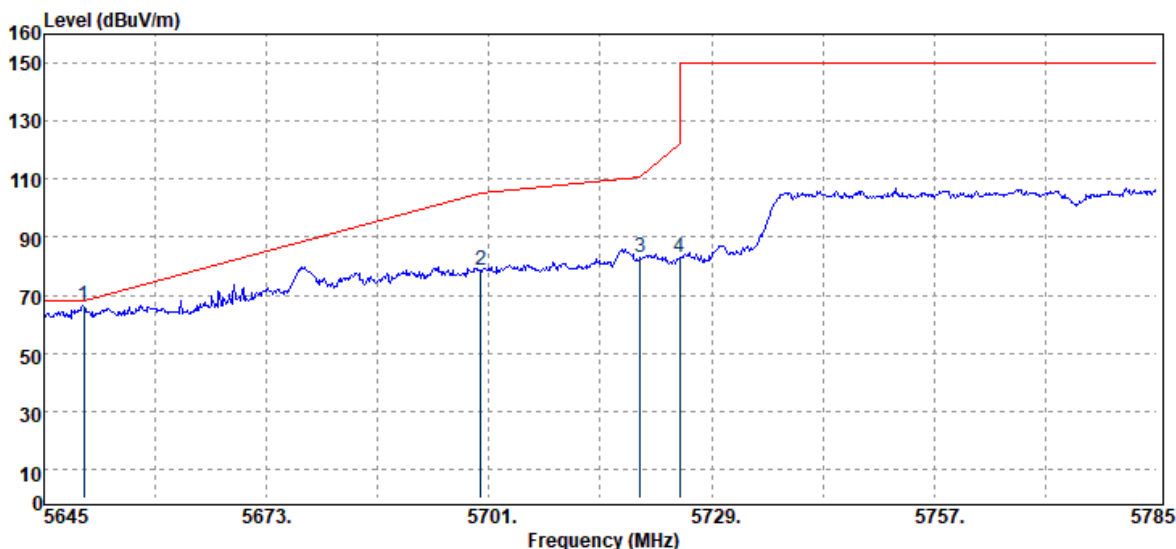
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80B4
 Test Channel :5775 MHz
 Test Mode :Bandedge CH Low
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	59.22	7.02	66.24	68.20	-1.96
5700.00	Peak	71.11	7.54	78.65	105.20	-26.55
5720.00	Peak	75.29	7.53	82.82	110.80	-27.98
5725.00	Peak	75.42	7.53	82.95	122.20	-39.25

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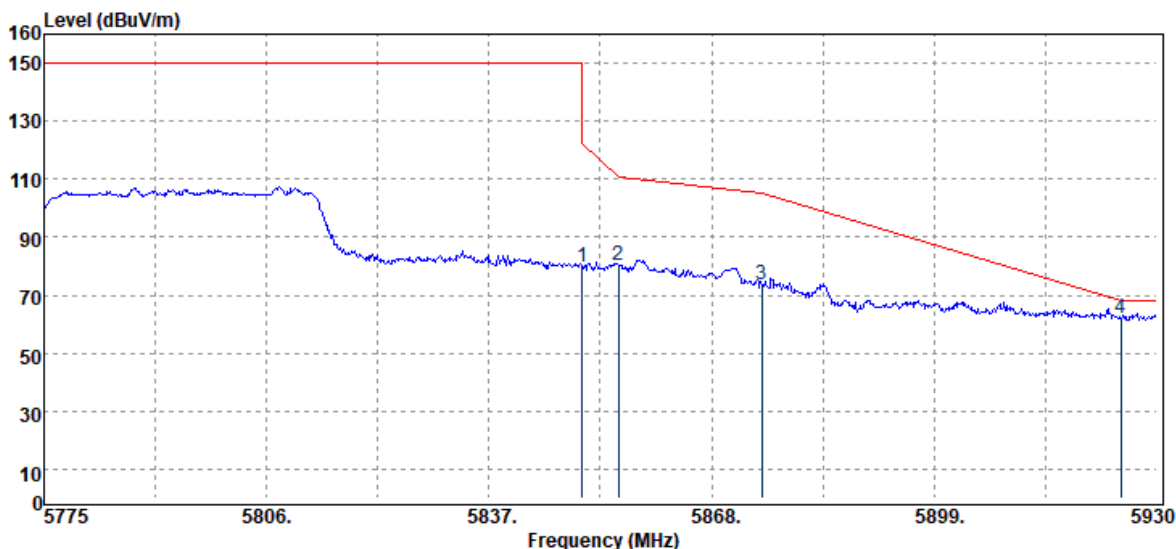
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Report Number :ER/2019/C0048
 Operation Mode :802.11ac80B4
 Test Channel :5775 MHz
 Test Mode :Bandedge CH High
 EUT Pol :E2 Plane

Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :VERTICAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	72.12	7.76	79.88	122.20	-42.32
5855.00	Peak	72.67	7.77	80.44	110.80	-30.36
5875.00	Peak	65.73	7.83	73.56	105.20	-31.64
5925.00	Peak	54.12	7.97	62.09	68.20	-6.11

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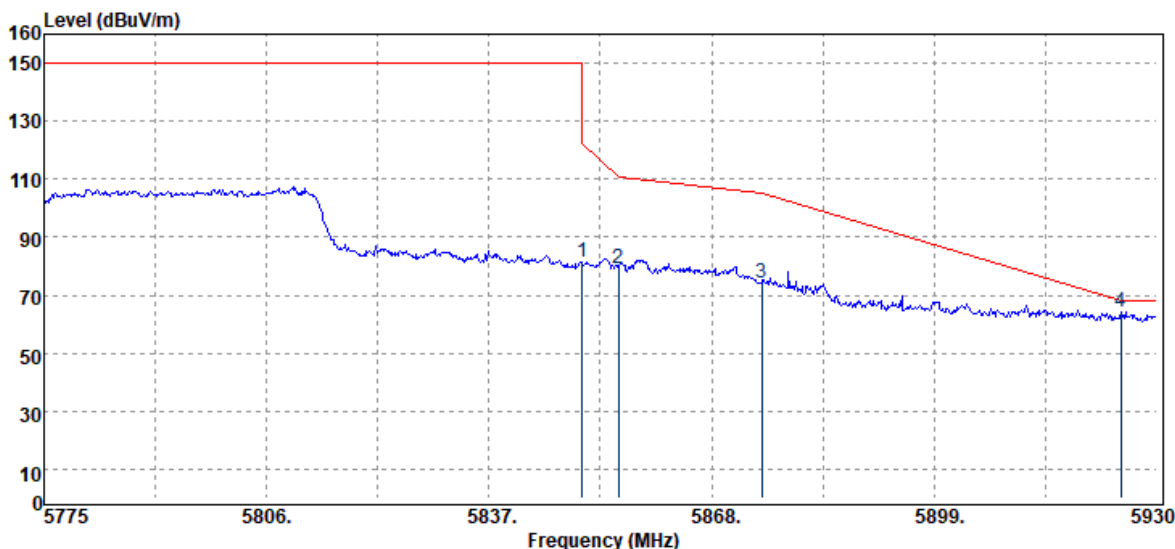
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Test Date :2019-11-25
 Temp./Humi. :22.8/66
 Antenna Pol. :HORIZONTAL
 Engineer :Kane



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	73.36	7.76	81.12	122.20	-41.08
5855.00	Peak	71.42	7.77	79.19	110.80	-31.61
5875.00	Peak	66.11	7.83	73.94	105.20	-31.26
5925.00	Peak	56.00	7.97	63.97	68.20	-4.23

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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 control-signal of ASK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

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13 FREQUENCY STABILITY

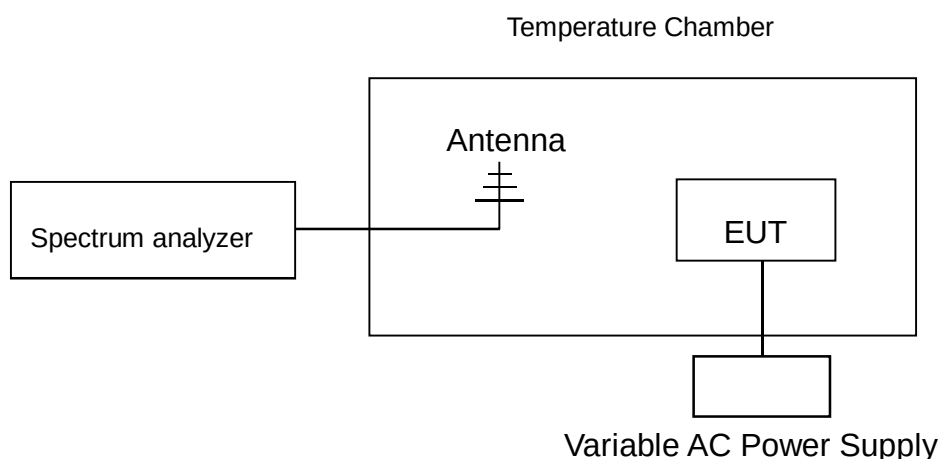
13.1 Standard Applicable

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

13.2 Measurement Procedure

1. The EUT was placed inside temperature chamber and powered and powered by nominal DC voltage.
2. Set EUT as normal operation.
3. Turn the EUT on and couple its output to spectrum.
4. Turn the EUT off and set the chamber to the highest temperature specified.
5. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT and measure the operating frequency.
6. Repeat step with the temperature chamber set to the lowest temperature.

13.3 Test SET-UP



13.4 Measurement Equipment Used:

SGS Conducted Room					
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due
DC Power Supply	Agilent	E3640A	MY52410006	12/10/2019	12/09/2020
Temperature Chamber	TERCHY	MHG-120LF	911009	05/17/2019	05/16/2020
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY57120290	02/13/2019	02/12/2020
Attenuator	Mini-Circuit	BW-S10W2+	2	01/02/2019	01/01/2020
DC Block	Mini-Circuits	BLK-18-S+	1	01/02/2019	01/01/2020

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13.5 Measurement Result

Start up

Operation Mode	802.11 a	Test Date	2019.12.24
Temperature	: 23.8°C	Test By	Tom
Humidity	: 45%		

Test Temp.(°C)	Test Voltage(V)	Channel	Measured Frequency (MHz)	Spectrum Frequency (MHz)	ΔFrequency (MHz)
-30	13.2	36	5180	5,179.90100	0.00001911
	10.8	36	5180	5,180.07200	-0.00001390
25	12	36	5180	5,179.93100	0.00001332
50	13.2	36	5180	5,179.98300	0.00000328
	10.8	36	5180	5,180.07900	-0.00001525
Operation Mode		802.11 a	Test Date		2019.12.24
Temperature		: 23.8°C	Test By		Tom
Humidity		: 45%			

Test Temp.(°C)	Test Voltage(V)	Channel	Measured Frequency (MHz)	Spectrum Frequency (MHz)	ΔFrequency (MHz)
-30	13.2	36	5180	5,179.90100	0.00001911
	10.8	36	5180	5,180.07200	-0.00001390
25	12	36	5180	5,179.93100	0.00001332
50	13.2	36	5180	5,179.98300	0.00000328
	10.8	36	5180	5,180.07900	-0.00001525

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2 minutes

Operation Mode	802.11 a	Test Date	2019.12.24
Temperature	: 23.8°C	Test By	Tom
Humidity	: 45%		

Test Temp.(°C)	Test Voltage(V)	Channel	Measured Frequency (MHz)	Spectrum Frequency (MHz)	ΔFrequency (MHz)
-30	13.2	36	5180	5,180.09800	-0.00001892
	10.8	36	5180	5,180.04400	-0.00000849
25	12	36	5180	5,180.07800	-0.00001506
50	13.2	36	5180	5,180.08400	-0.00001622
	10.8	36	5180	5,179.97700	0.00000444
Operation Mode		802.11 a	Test Date		2019.12.24
Temperature		: 23.8°C	Test By		Tom
Humidity		: 45%			

Test Temp.(°C)	Test Voltage(V)	Channel	Measured Frequency (MHz)	Spectrum Frequency (MHz)	ΔFrequency (MHz)
-30	13.2	36	5180	5,180.09800	-0.00001892
	10.8	36	5180	5,180.04400	-0.00000849
25	12	36	5180	5,180.07800	-0.00001506
50	13.2	36	5180	5,180.08400	-0.00001622
	10.8	36	5180	5,179.97700	0.00000444

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5 minutes

Operation Mode	802.11 a	Test Date	2019.12.24
Temperature	: 23.8°C	Test By	Tom
Humidity	: 45%		

Test Temp.(°C)	Test Voltage(V)	Channel	Measured Frequency (MHz)	Spectrum Frequency (MHz)	ΔFrequency (MHz)
-30	13.2	36	5180	5,179.99700	0.00000058
	10.8	36	5180	5,179.93600	0.00001236
25	12	36	5180	5,179.94000	0.00001158
50	13.2	36	5180	5,180.08800	-0.00001699
	10.8	36	5180	5,179.99100	0.00000174

Operation Mode	802.11 a	Test Date	2019.12.24
Temperature	: 23.8°C	Test By	Tom
Humidity	: 45%		

Test Temp.(°C)	Test Voltage(V)	Channel	Measured Frequency (MHz)	Spectrum Frequency (MHz)	ΔFrequency (MHz)
-30	13.2	36	5180	5,179.99700	0.00000058
	10.8	36	5180	5,179.93600	0.00001236
25	12	36	5180	5,179.94000	0.00001158
50	13.2	36	5180	5,180.08800	-0.00001699
	10.8	36	5180	5,179.99100	0.00000174

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10 minutes

Operation Mode	802.11 a	Test Date	2019.12.24
Temperature	: 23.8°C	Test By	Tom
Humidity	: 45%		

Test Temp.(°C)	Test Voltage(V)	Channel	Measured Frequency (MHz)	Spectrum Frequency (MHz)	ΔFrequency (MHz)
-30	13.2	36	5180	5,180.04700	-0.00000907
	10.8	36	5180	5,179.94200	0.00001120
25	12	36	5180	5,179.98500	0.00000290
50	13.2	36	5180	5,180.06600	-0.00001274
	10.8	36	5180	5,180.07900	-0.00001525
Operation Mode		802.11 a	Test Date		2019.12.24
Temperature		: 23.8°C	Test By		Tom
Humidity		: 45%			

Test Temp.(°C)	Test Voltage(V)	Channel	Measured Frequency (MHz)	Spectrum Frequency (MHz)	ΔFrequency (MHz)
-30	13.2	36	5180	5,180.04700	-0.00000907
	10.8	36	5180	5,179.94200	0.00001120
25	12	36	5180	5,179.98500	0.00000290
50	13.2	36	5180	5,180.06600	-0.00001274
	10.8	36	5180	5,180.07900	-0.00001525

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14 ANTENNA REQUIREMENT

14.1 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.

14.2 Antenna Connected Construction

The antenna is designed with unique RF connector and no consideration of replacement. Please see EUT photo for details.

~ End of Report ~

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