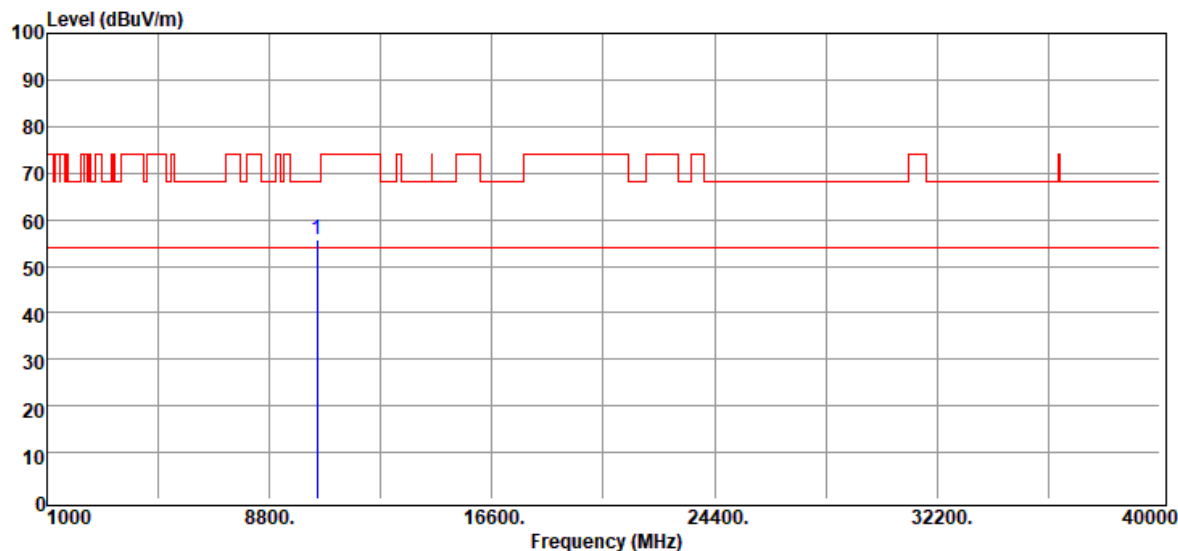


Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 1  
 Test Channel :5240 MHz  
 Test Mode :TX CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-11-13  
 Temp./Humi. :24.6/56  
 Antenna Pol. :VERTICAL  
 Engineer :Kailin



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	42.77	12.78	55.55	68.20	-12.65

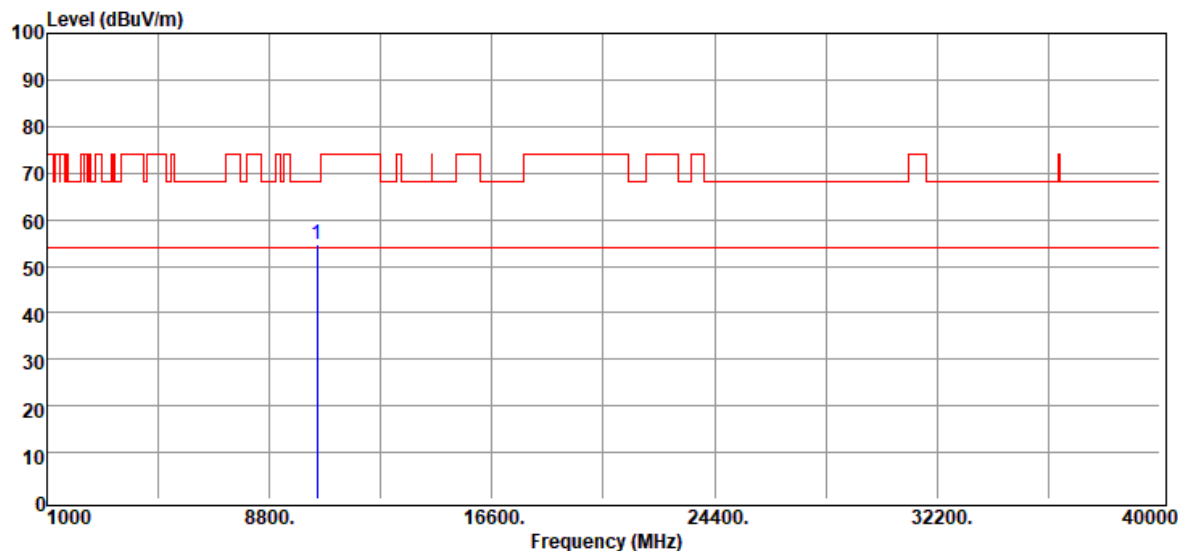
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 1  
 Test Channel :5240 MHz  
 Test Mode :TX CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-11-13  
 Temp./Humi. :24.6/56  
 Antenna Pol. :HORIZONTAL  
 Engineer :Kailin



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	41.82	12.78	54.60	68.20	-13.60

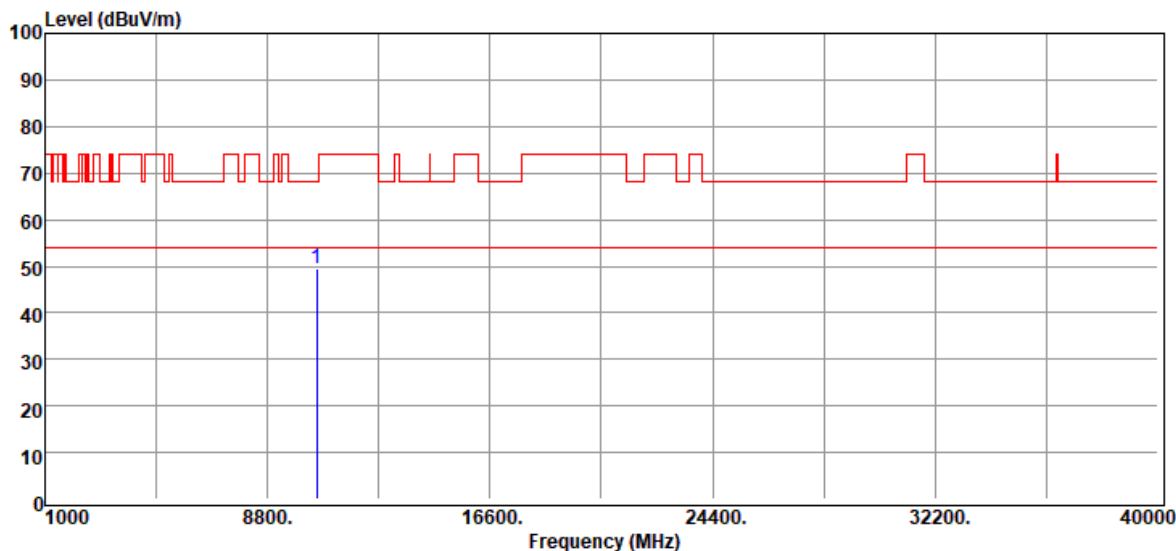
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 2  
 Test Channel :5260 MHz  
 Test Mode :TX CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.7/56  
 Antenna Pol. :VERTICAL  
 Engineer :Kailin



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	36.82	12.74	49.56	68.20	-18.64

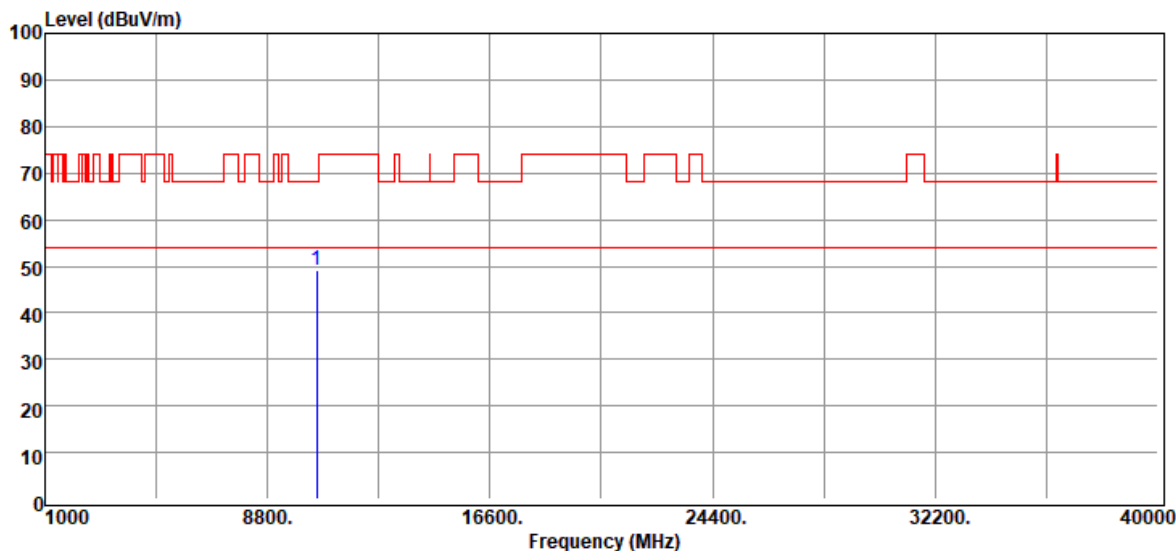
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 2  
 Test Channel :5260 MHz  
 Test Mode :TX CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.7/56  
 Antenna Pol. :HORIZONTAL  
 Engineer :Kailin



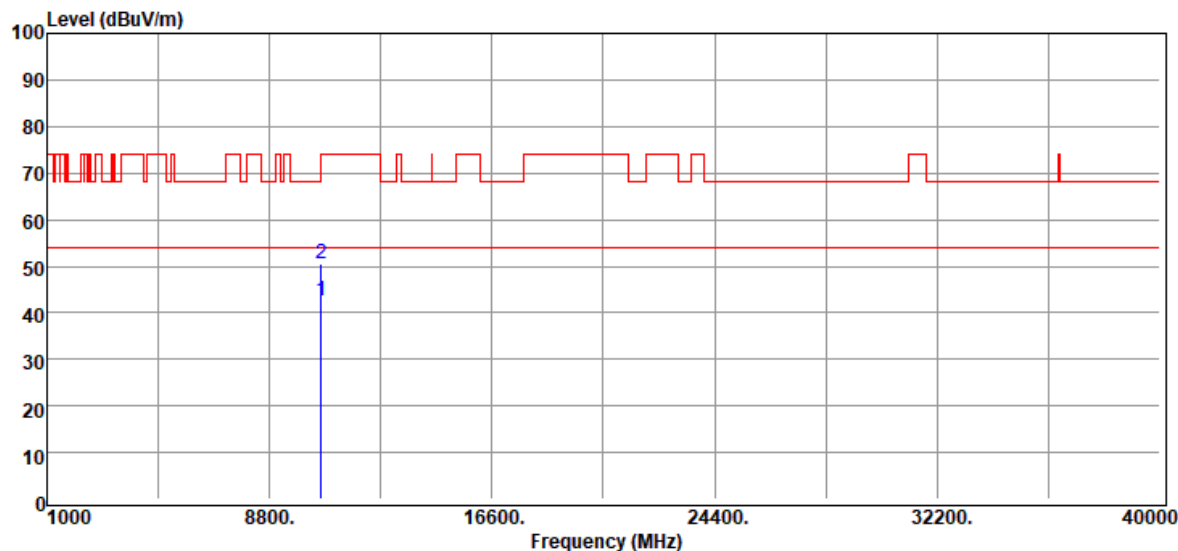
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.00	Peak	36.37	12.74	49.11	68.20	-19.09

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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 2  
 Test Channel :5300 MHz  
 Test Mode :TX CH MID  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.7/56  
 Antenna Pol. :VERTICAL  
 Engineer :Kailin



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	30.08	12.48	42.56	54.00	-11.44
10600.00	Peak	38.15	12.48	50.63	74.00	-23.37

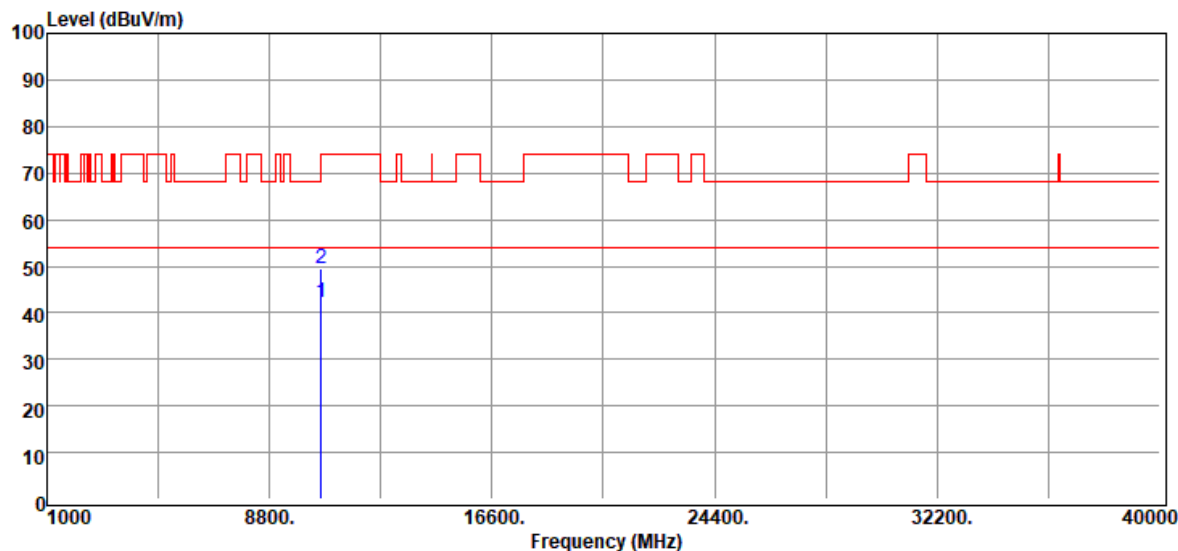
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 2  
 Test Channel :5300 MHz  
 Test Mode :TX CH MID  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.7/56  
 Antenna Pol. :HORIZONTAL  
 Engineer :Kailin



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	29.78	12.48	42.26	54.00	-11.74
10600.00	Peak	37.15	12.48	49.63	74.00	-24.37

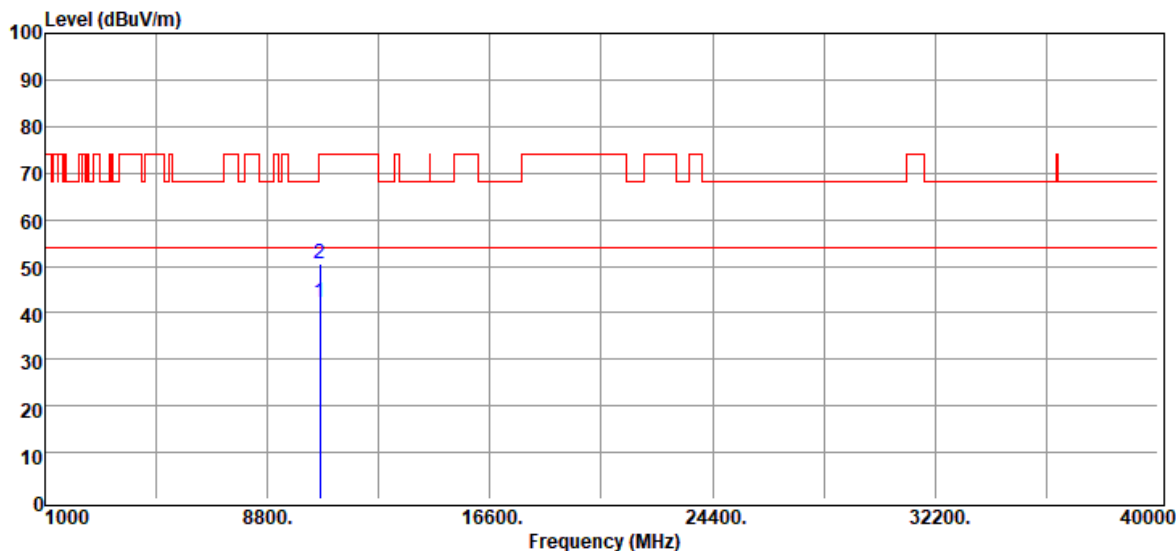
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 2  
 Test Channel :5320 MHz  
 Test Mode :TX CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.7/56  
 Antenna Pol. :VERTICAL  
 Engineer :Kailin



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	29.97	12.21	42.18	54.00	-11.82
10640.00	Peak	38.46	12.21	50.67	74.00	-23.33

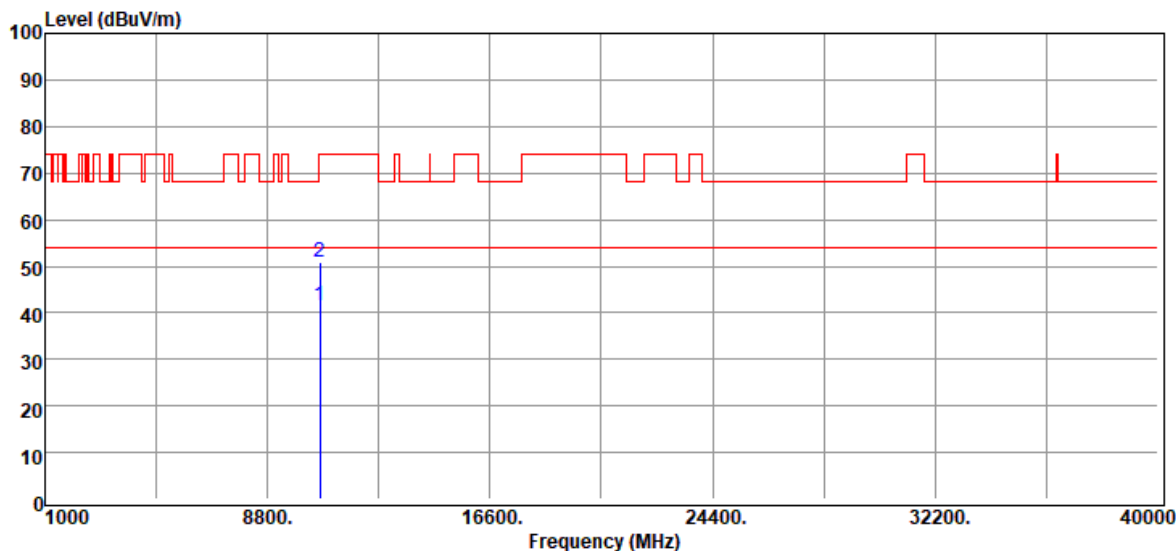
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 2  
 Test Channel :5320 MHz  
 Test Mode :TX CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.7/56  
 Antenna Pol. :HORIZONTAL  
 Engineer :Kailin



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	29.33	12.21	41.54	54.00	-12.46
10640.00	Peak	38.79	12.21	51.00	74.00	-23.00

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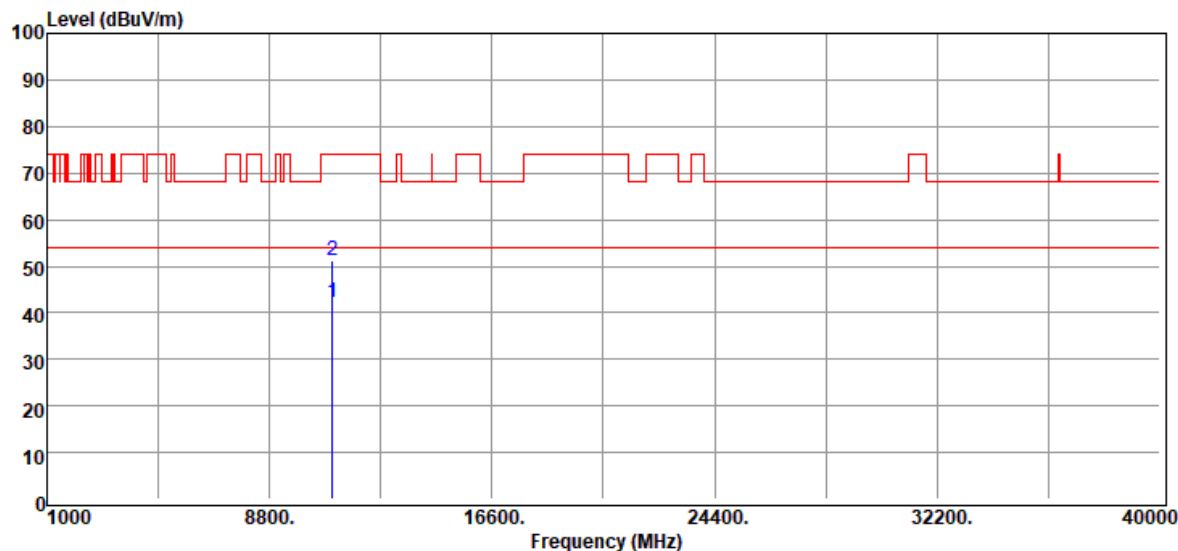
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 3  
 Test Channel :5500 MHz  
 Test Mode :TX CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.7/56  
 Antenna Pol. :VERTICAL  
 Engineer :Kailin



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	31.02	11.06	42.08	54.00	-11.92
11000.00	Peak	40.05	11.06	51.11	74.00	-22.89

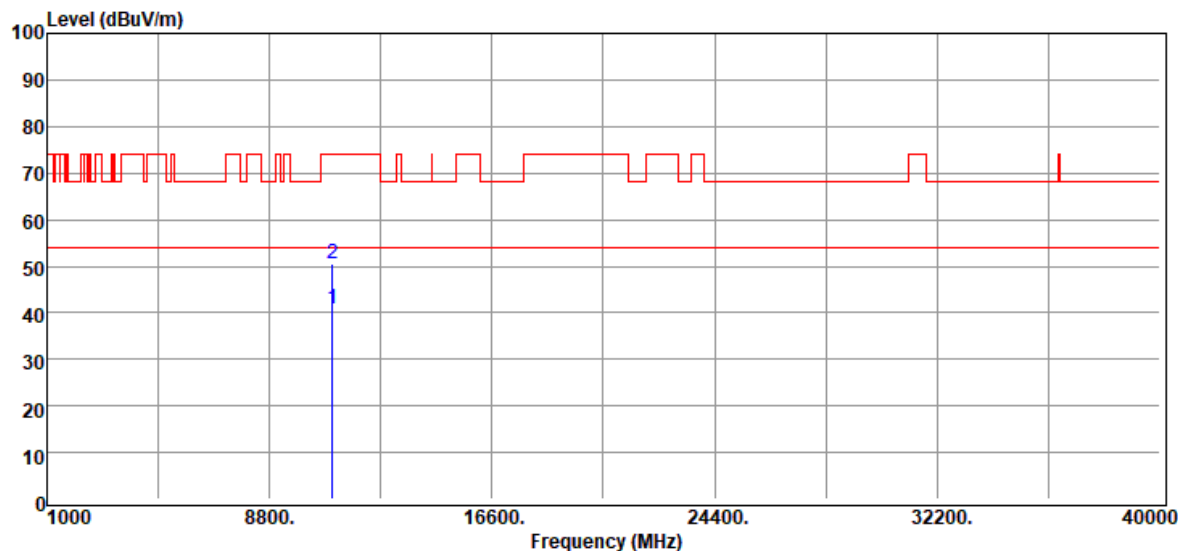
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 3  
 Test Channel :5500 MHz  
 Test Mode :TX CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.7/56  
 Antenna Pol. :HORIZONTAL  
 Engineer :Kailin



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	29.93	11.06	40.99	54.00	-13.01
11000.00	Peak	39.45	11.06	50.51	74.00	-23.49

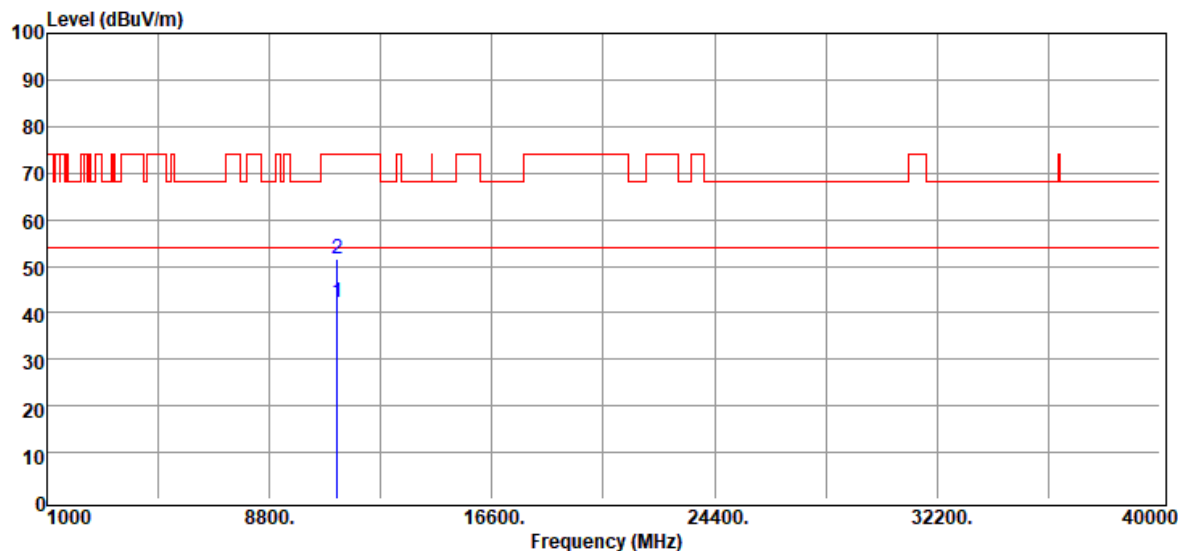
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 3  
 Test Channel :5580 MHz  
 Test Mode :TX CH MID  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.7/57  
 Antenna Pol. :VERTICAL  
 Engineer :Kailin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11160.00	Average	30.15	12.21	42.36	54.00	-11.64
11160.00	Peak	39.45	12.21	51.66	74.00	-22.34

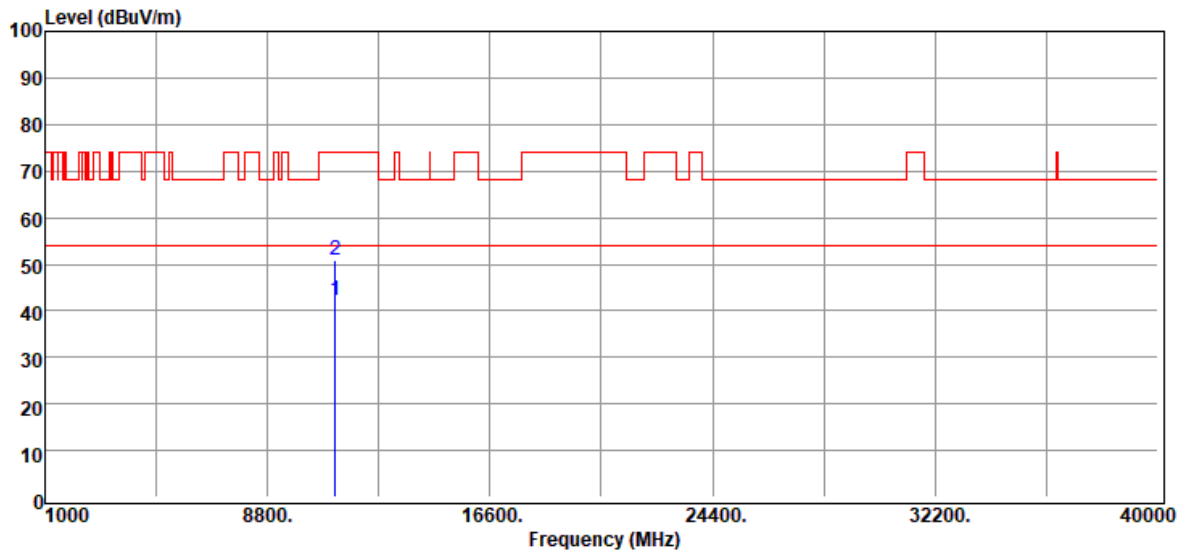
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 3  
 Test Channel :5580 MHz  
 Test Mode :TX CH MID  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.7/57  
 Antenna Pol. :HORIZONTAL  
 Engineer :Kailin



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	30.04	12.21	42.25	54.00	-11.75
11160.00	Peak	38.79	12.21	51.00	74.00	-23.00

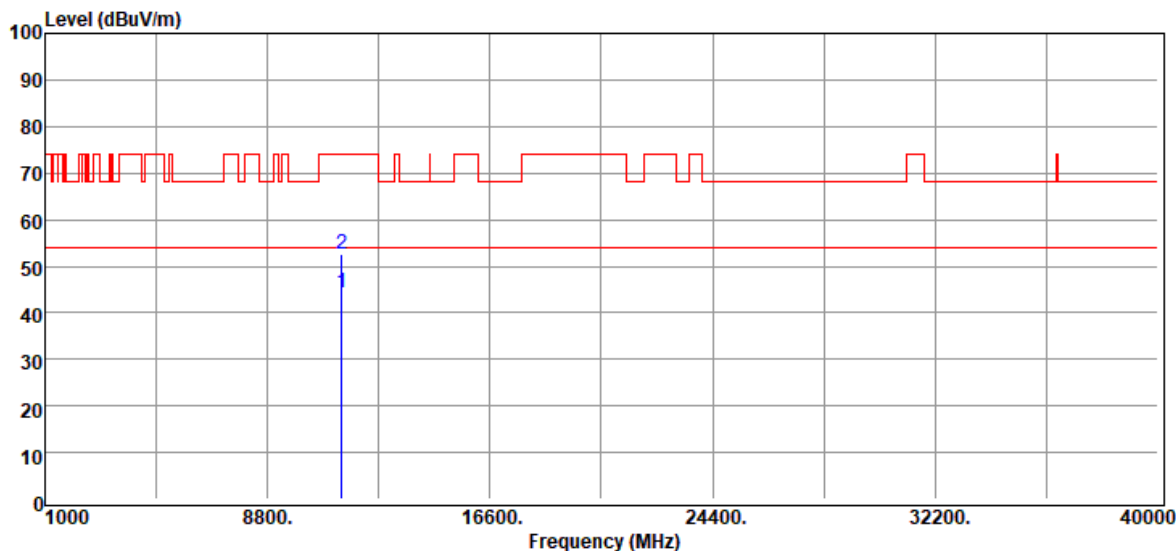
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 3  
 Test Channel :5700 MHz  
 Test Mode :TX CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.5/57  
 Antenna Pol. :VERTICAL  
 Engineer :Kailin



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	31.04	13.08	44.12	54.00	-9.88
11400.00	Peak	39.48	13.08	52.56	74.00	-21.44

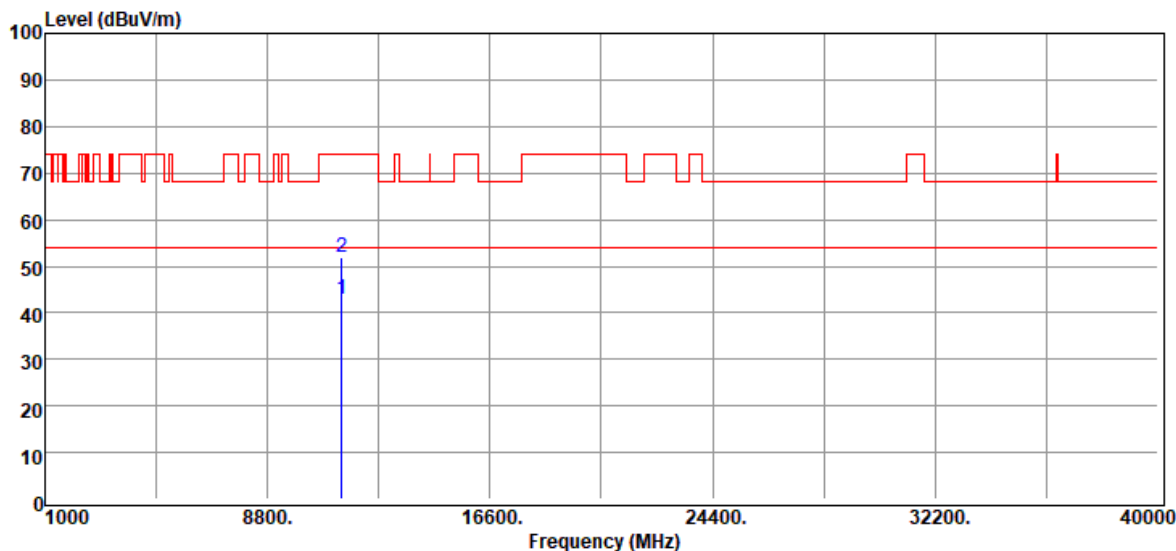
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 3  
 Test Channel :5700 MHz  
 Test Mode :TX CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.5/57  
 Antenna Pol. :HORIZONTAL  
 Engineer :Kailin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11400.00	Average	29.89	13.08	42.97	54.00	-11.03
11400.00	Peak	38.65	13.08	51.73	74.00	-22.27

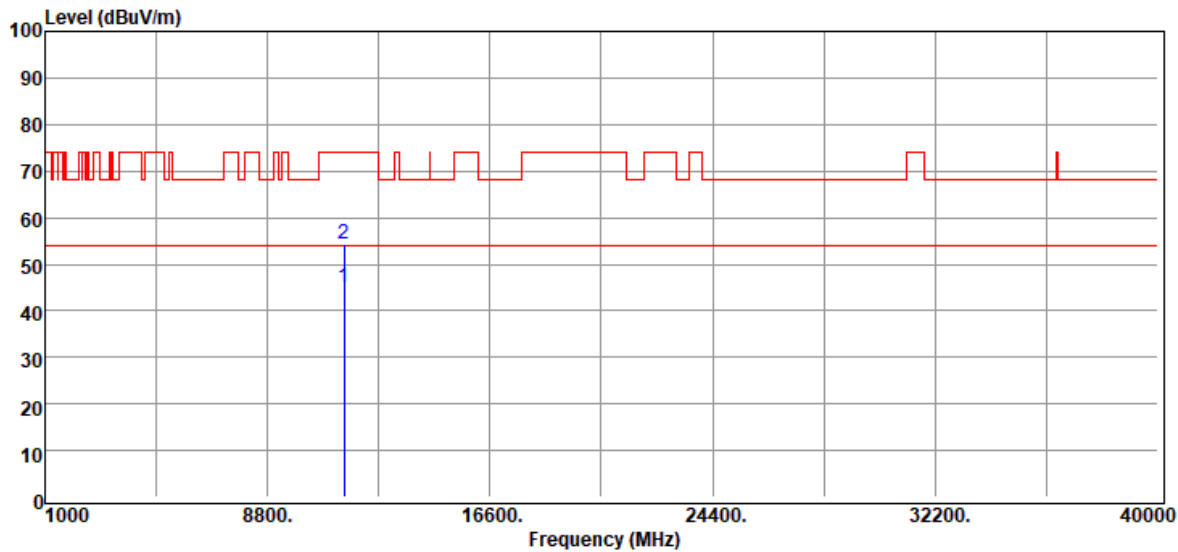
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 4  
 Test Channel :5745 MHz  
 Test Mode :TX CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.5/57  
 Antenna Pol. :VERTICAL  
 Engineer :Kailin



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	31.45	13.42	44.87	54.00	-9.13
11490.00	Peak	40.89	13.42	54.31	74.00	-19.69

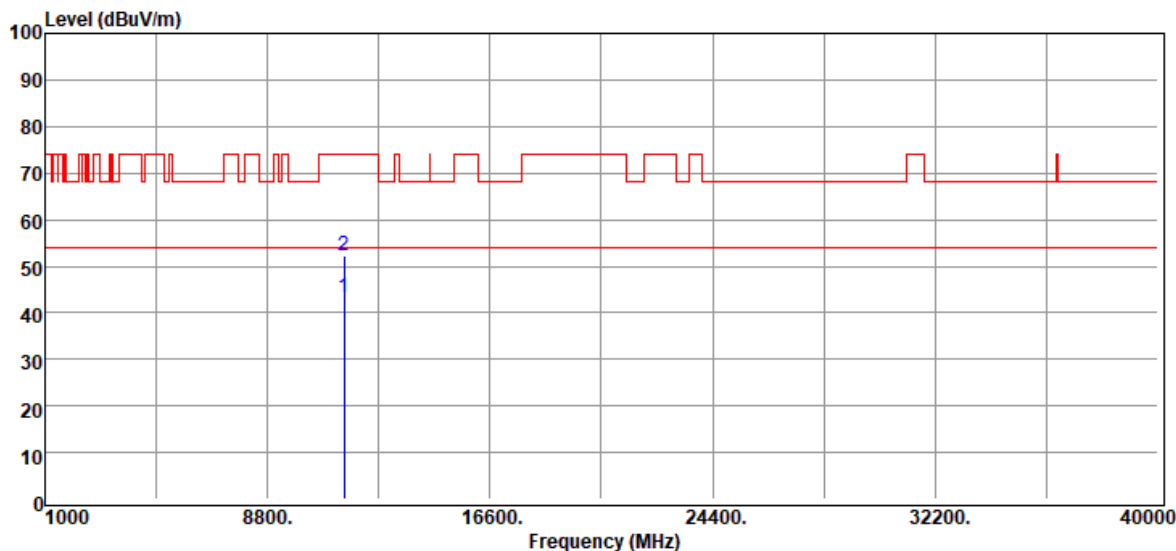
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 4  
 Test Channel :5745 MHz  
 Test Mode :TX CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.5/57  
 Antenna Pol. :HORIZONTAL  
 Engineer :Kailin



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	29.71	13.42	43.13	54.00	-10.87
11490.00	Peak	38.68	13.42	52.10	74.00	-21.90

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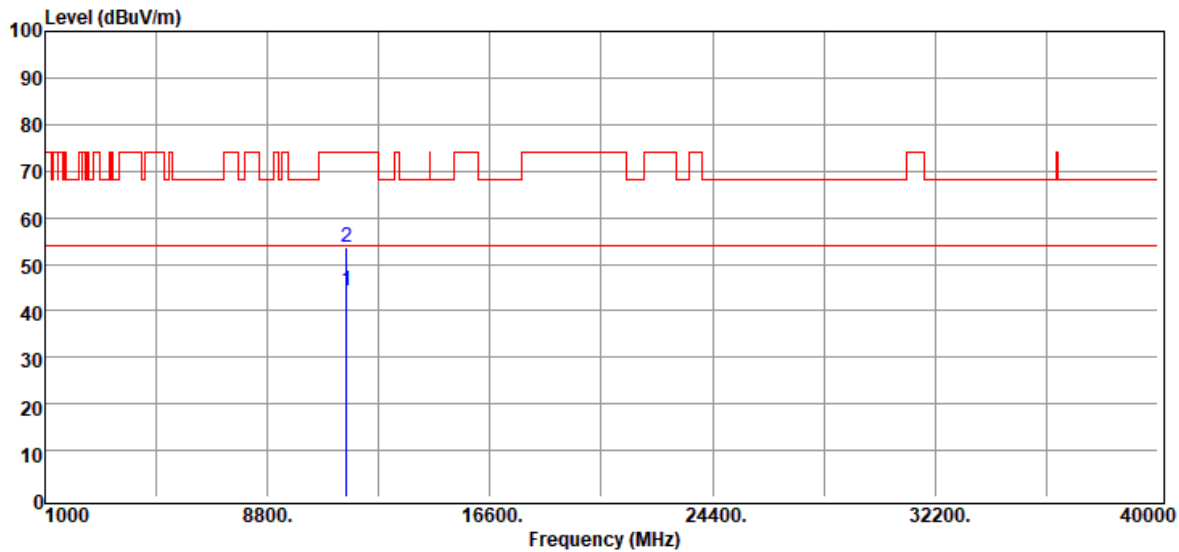
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 4  
 Test Channel :5785 MHz  
 Test Mode :TX CH MID  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.5/58  
 Antenna Pol. :VERTICAL  
 Engineer :Kailin



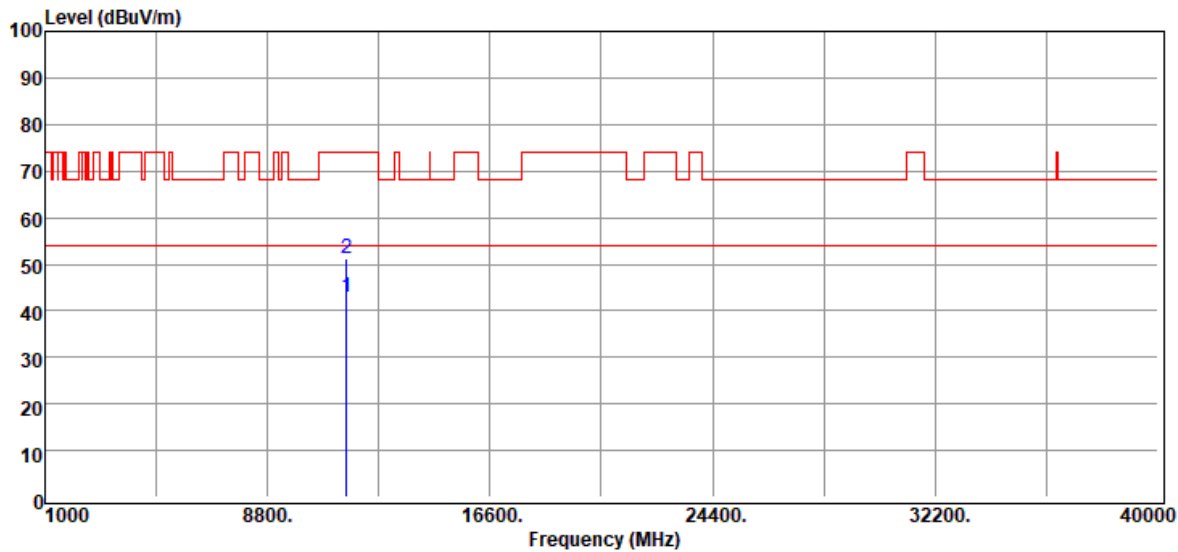
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11570.00	Average	31.08	13.11	44.19	54.00	-9.81
11570.00	Peak	40.49	13.11	53.60	74.00	-20.40

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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 4  
 Test Channel :5785 MHz  
 Test Mode :TX CH MID  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.5/58  
 Antenna Pol. :HORIZONTAL  
 Engineer :Kailin



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	29.71	13.11	42.82	54.00	-11.18
11570.00	Peak	38.00	13.11	51.11	74.00	-22.89

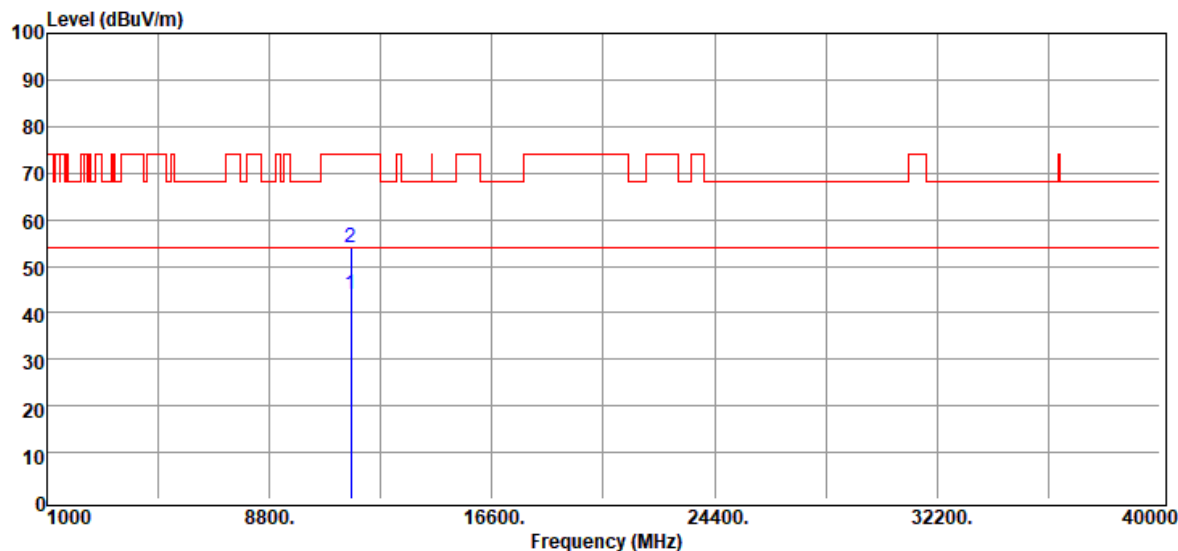
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 4  
 Test Channel :5825 MHz  
 Test Mode :TX CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.5/58  
 Antenna Pol. :VERTICAL  
 Engineer :Kailin



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	30.88	13.05	43.93	54.00	-10.07
11650.00	Peak	40.99	13.05	54.04	74.00	-19.96

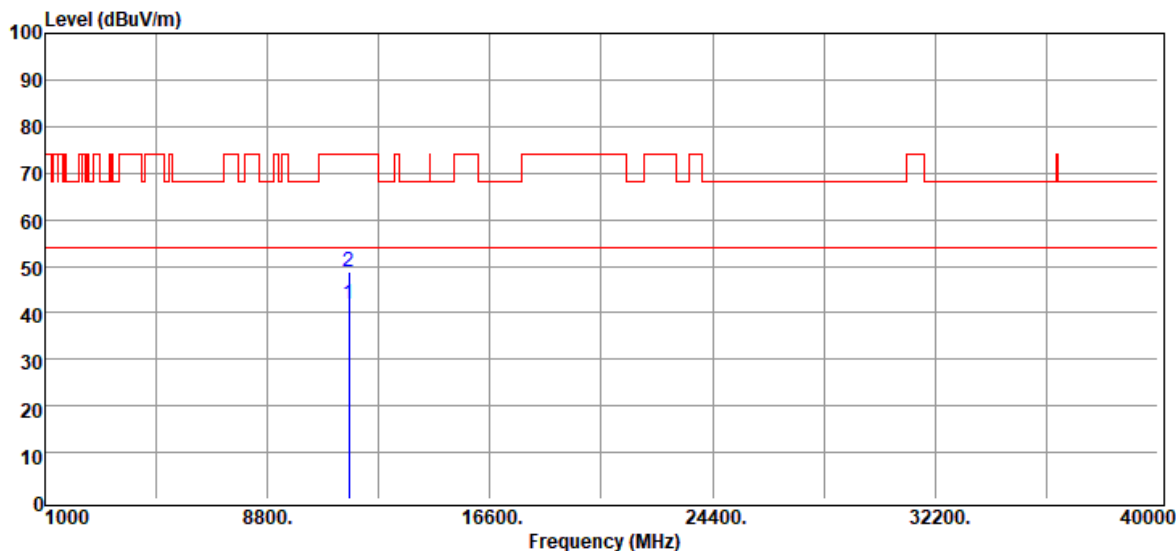
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 4  
 Test Channel :5825 MHz  
 Test Mode :TX CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.5/58  
 Antenna Pol. :HORIZONTAL  
 Engineer :Kailin



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	28.78	13.05	41.83	54.00	-12.17
11650.00	Peak	35.88	13.05	48.93	74.00	-25.07

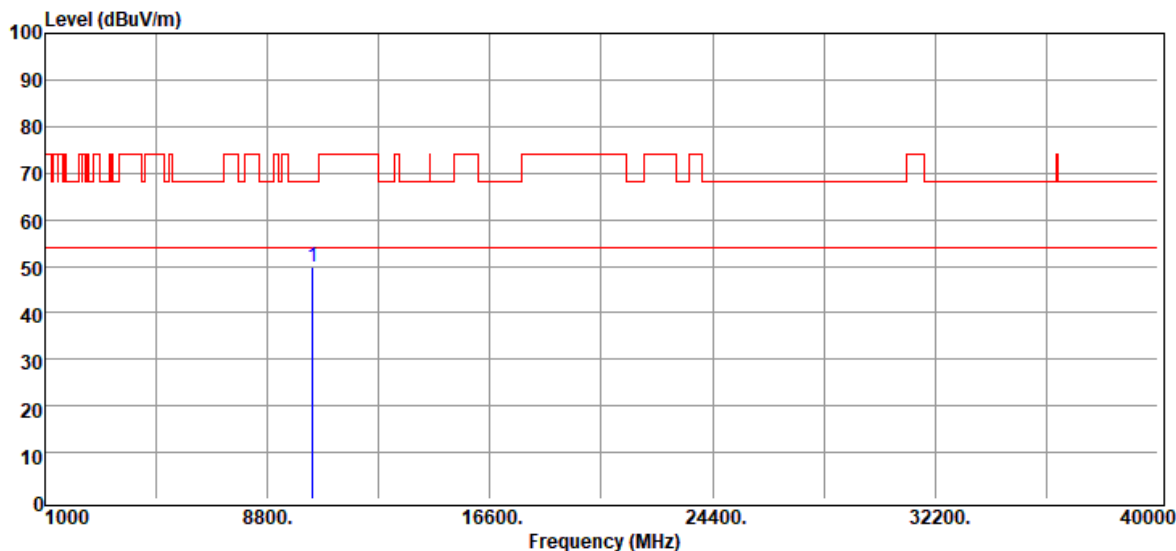
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 1  
 Test Channel :5190 MHz  
 Test Mode :TX CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.6/57  
 Antenna Pol. :VERTICAL  
 Engineer :Kailin



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	37.12	12.62	49.74	68.20	-18.46

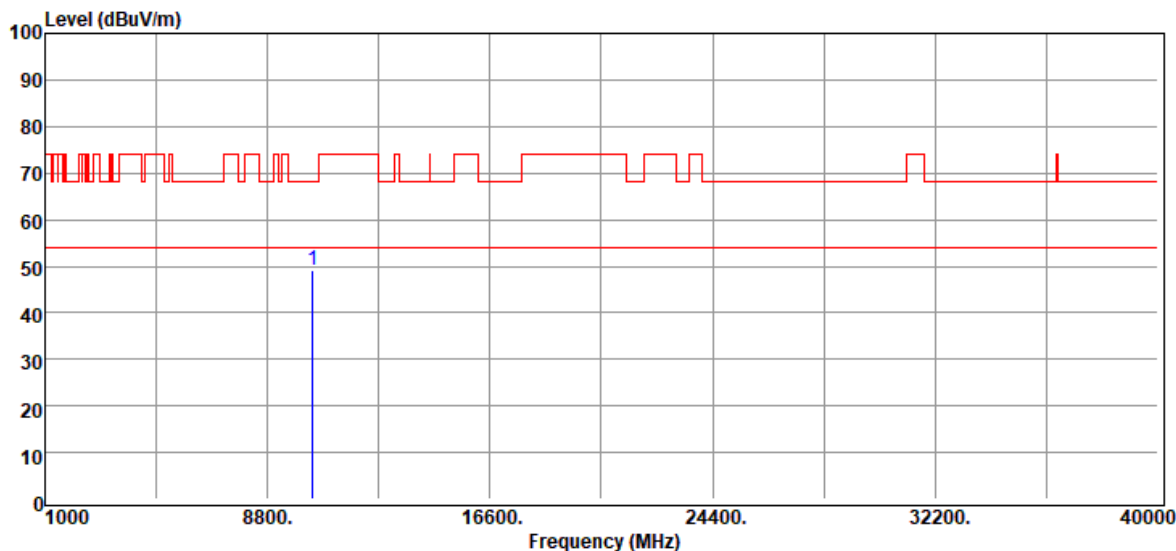
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 1  
 Test Channel :5190 MHz  
 Test Mode :TX CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.6/57  
 Antenna Pol. :HORIZONTAL  
 Engineer :Kailin



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	36.58	12.62	49.20	68.20	-19.00

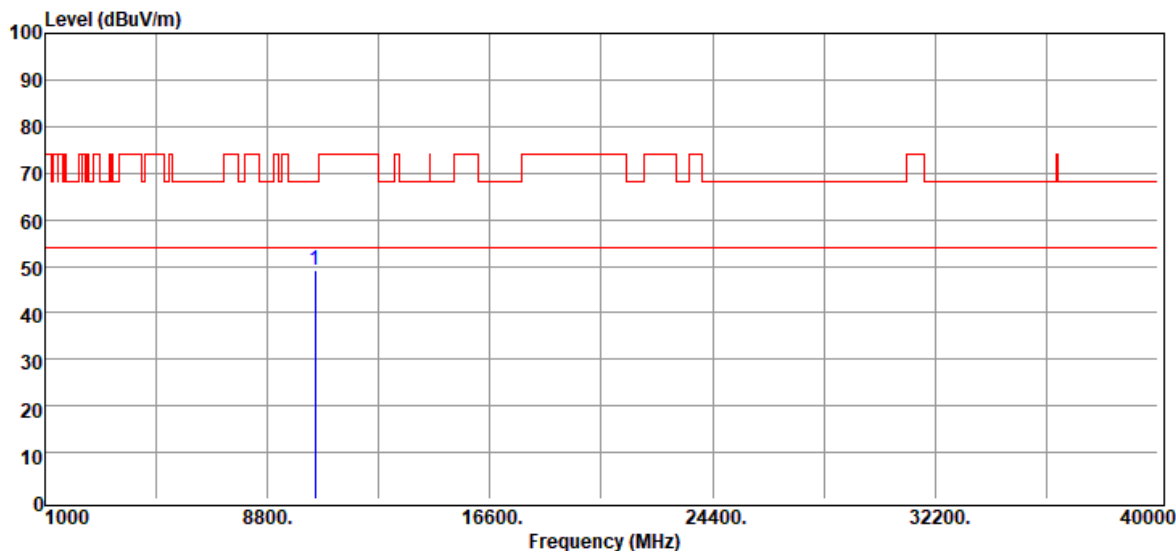
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 1  
 Test Channel :5230 MHz  
 Test Mode :TX CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.6/57  
 Antenna Pol. :VERTICAL  
 Engineer :Kailin



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	36.23	12.75	48.98	68.20	-19.22

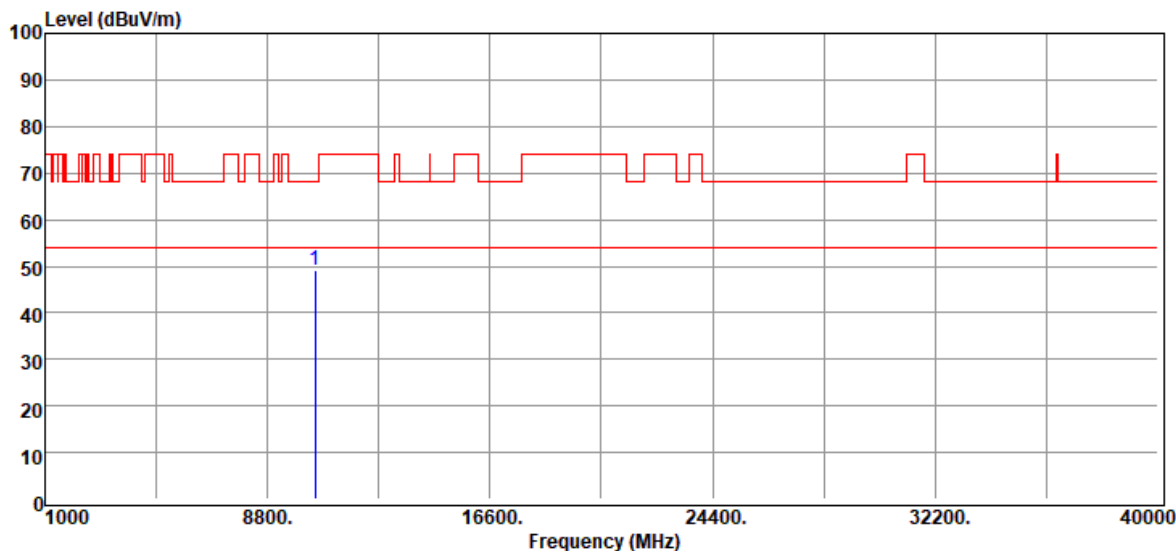
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 1  
 Test Channel :5230 MHz  
 Test Mode :TX CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.6/57  
 Antenna Pol. :HORIZONTAL  
 Engineer :Kailin



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	36.36	12.75	49.11	68.20	-19.09

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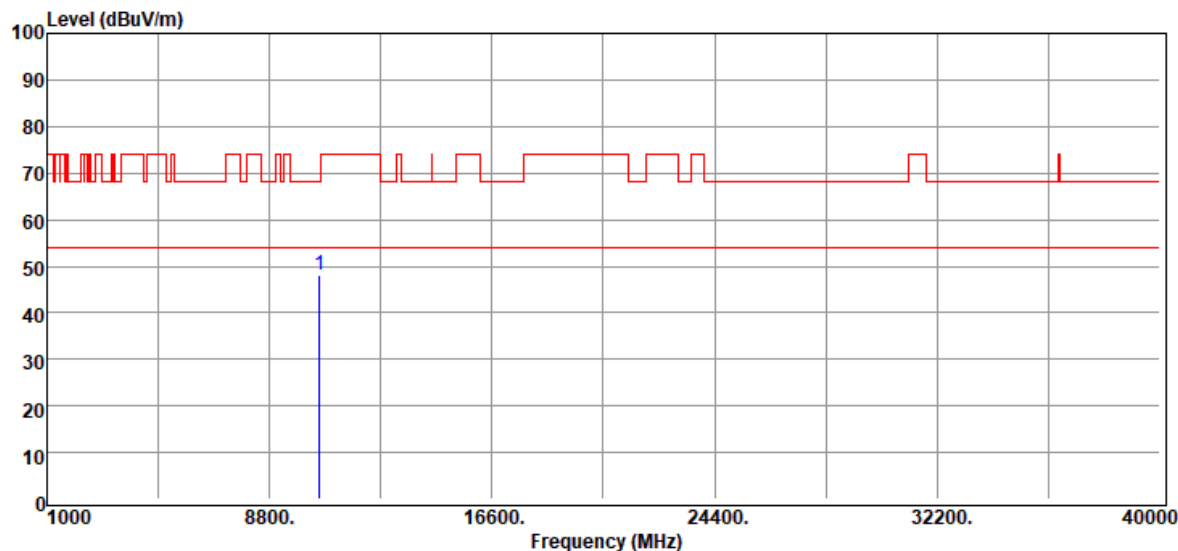
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 2  
 Test Channel :5270 MHz  
 Test Mode :TX CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.6/56  
 Antenna Pol. :VERTICAL  
 Engineer :Kailin



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	35.45	12.68	48.13	68.20	-20.07

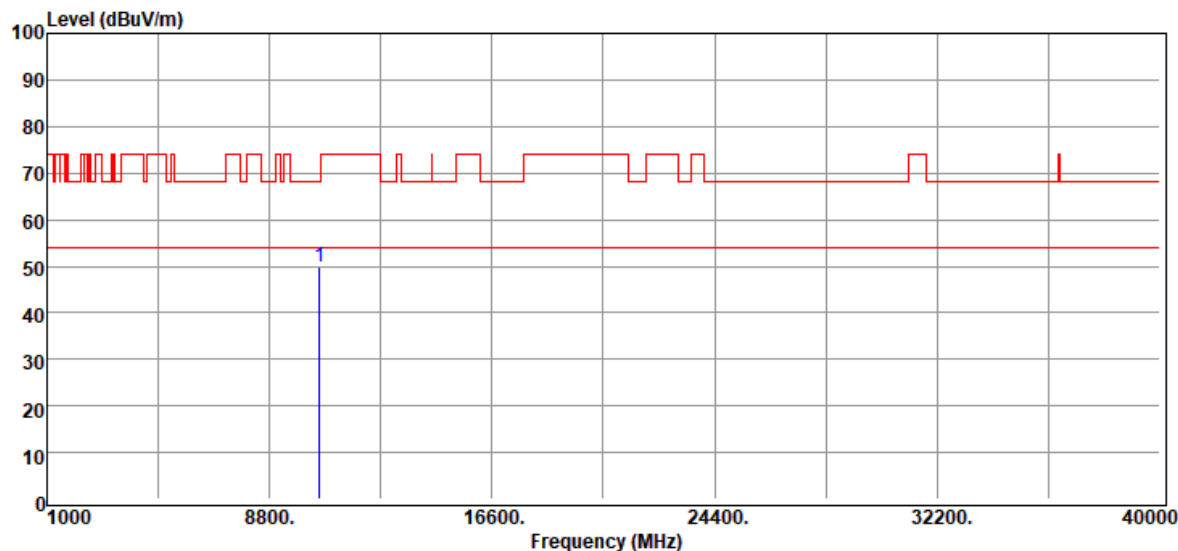
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 2  
 Test Channel :5270 MHz  
 Test Mode :TX CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.6/56  
 Antenna Pol. :HORIZONTAL  
 Engineer :Kailin



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	36.97	12.68	49.65	68.20	-18.55

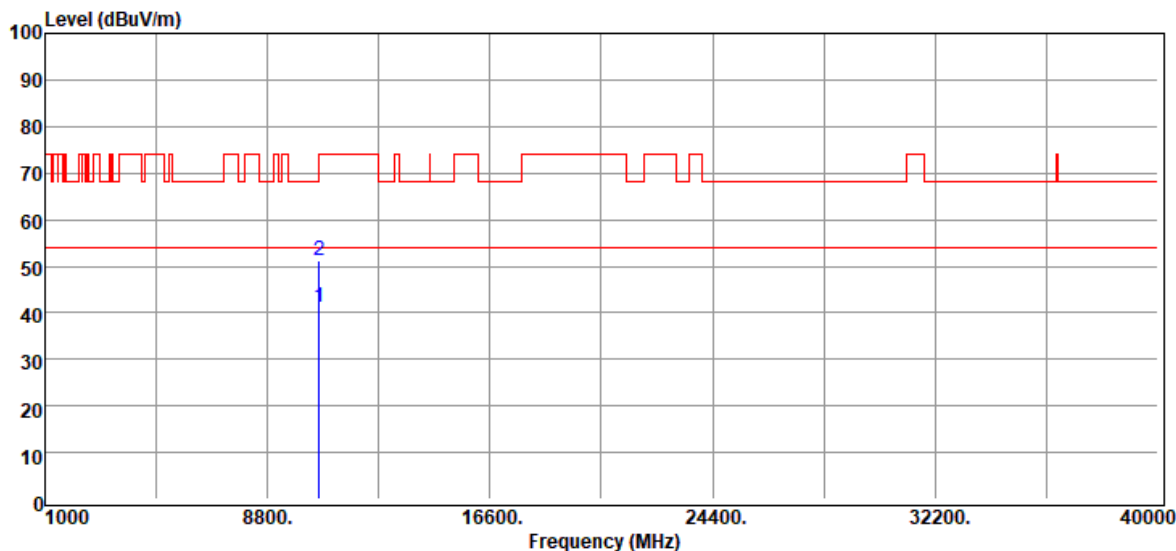
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 2  
 Test Channel :5310 MHz  
 Test Mode :TX CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.6/56  
 Antenna Pol. :VERTICAL  
 Engineer :Kailin



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	28.97	12.35	41.32	54.00	-12.68
10620.00	Peak	38.78	12.35	51.13	74.00	-22.87

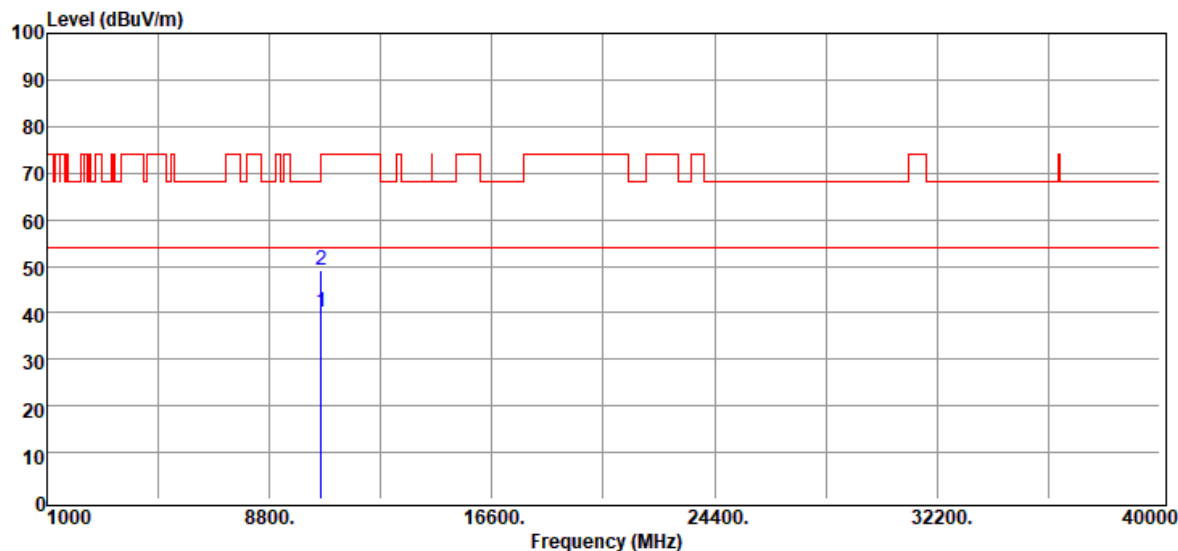
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 2  
 Test Channel :5310 MHz  
 Test Mode :TX CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.6/56  
 Antenna Pol. :HORIZONTAL  
 Engineer :Kailin



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	27.88	12.35	40.23	54.00	-13.77
10620.00	Peak	36.89	12.35	49.24	74.00	-24.76

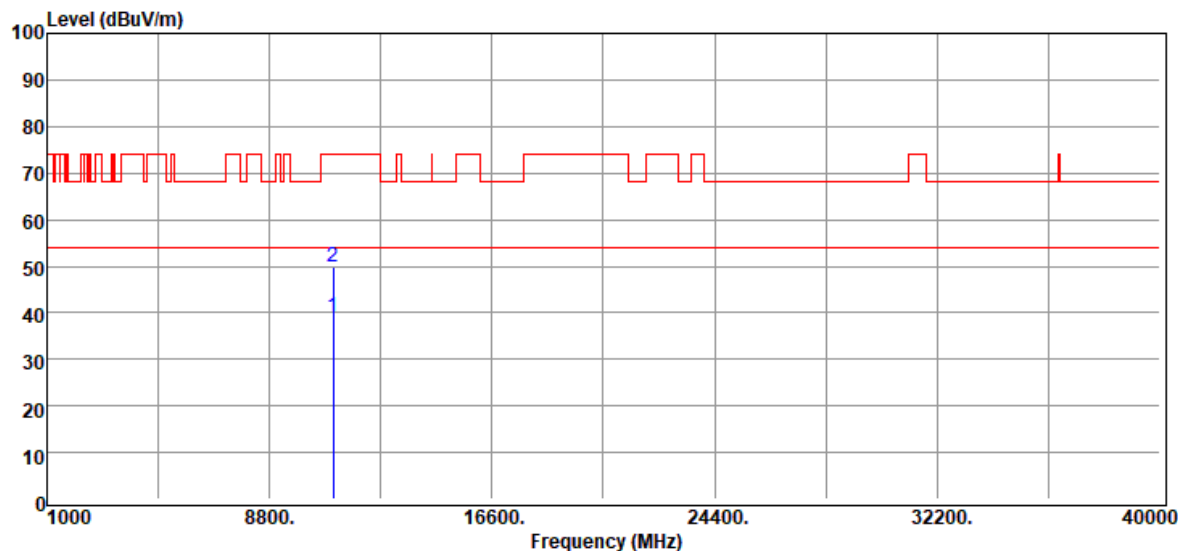
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 3  
 Test Channel :5510 MHz  
 Test Mode :TX CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.6/56  
 Antenna Pol. :VERTICAL  
 Engineer :Kailin



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	27.98	11.20	39.18	54.00	-14.82
11020.00	Peak	38.48	11.20	49.68	74.00	-24.32

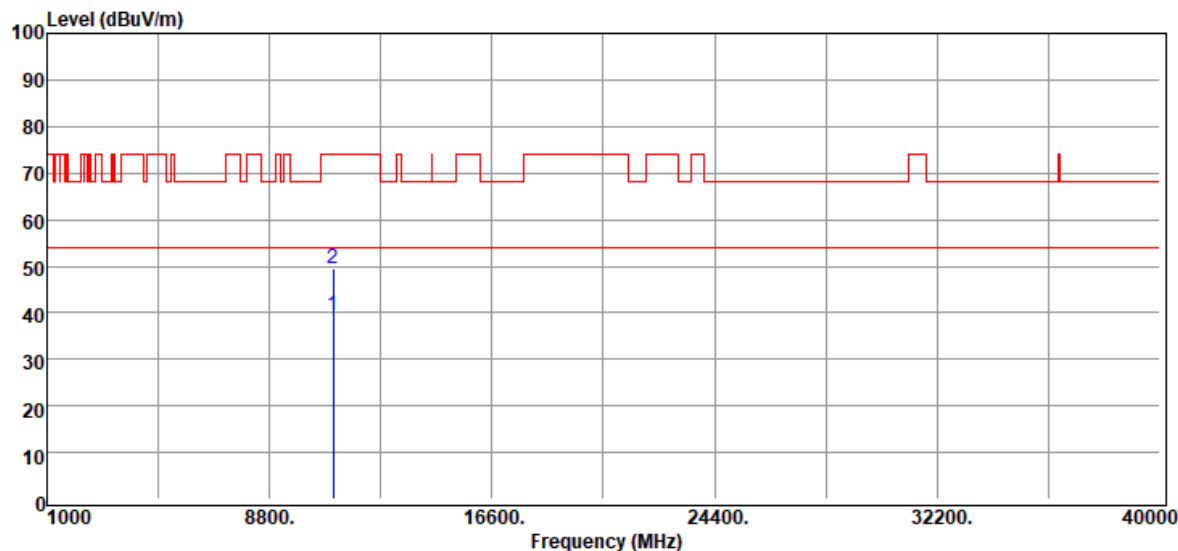
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 3  
 Test Channel :5510 MHz  
 Test Mode :TX CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.6/56  
 Antenna Pol. :HORIZONTAL  
 Engineer :Kailin



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	28.09	11.20	39.29	54.00	-14.71
11020.00	Peak	38.22	11.20	49.42	74.00	-24.58

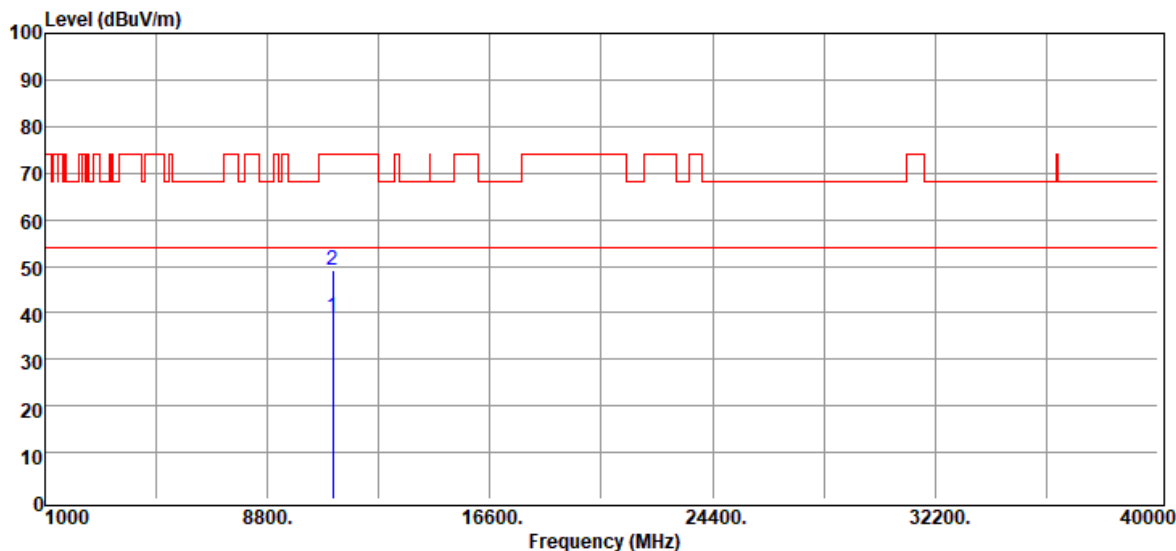
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 3  
 Test Channel :5550 MHz  
 Test Mode :TX CH MID  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.5/57  
 Antenna Pol. :VERTICAL  
 Engineer :Kailin



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	27.49	11.73	39.22	54.00	-14.78
11100.00	Peak	37.31	11.73	49.04	74.00	-24.96

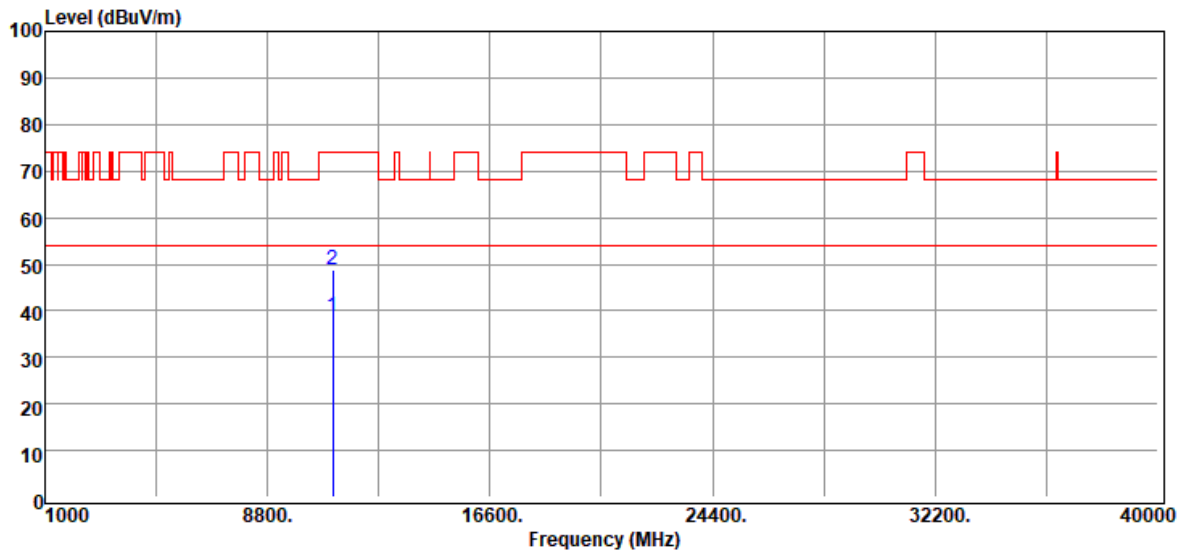
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 3  
 Test Channel :5550 MHz  
 Test Mode :TX CH MID  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.5/57  
 Antenna Pol. :HORIZONTAL  
 Engineer :Kailin



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	27.05	11.73	38.78	54.00	-15.22
11100.00	Peak	36.98	11.73	48.71	74.00	-25.29

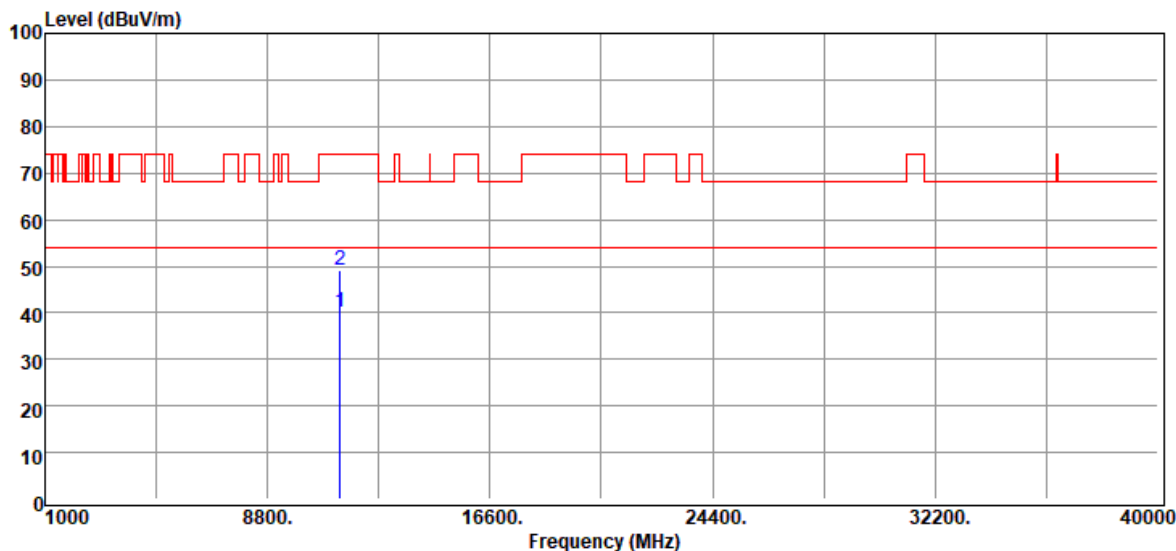
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 3  
 Test Channel :5670 MHz  
 Test Mode :TX CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.5/57  
 Antenna Pol. :VERTICAL  
 Engineer :Kailin



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	27.48	12.50	39.98	54.00	-14.02
11340.00	Peak	36.57	12.50	49.07	74.00	-24.93

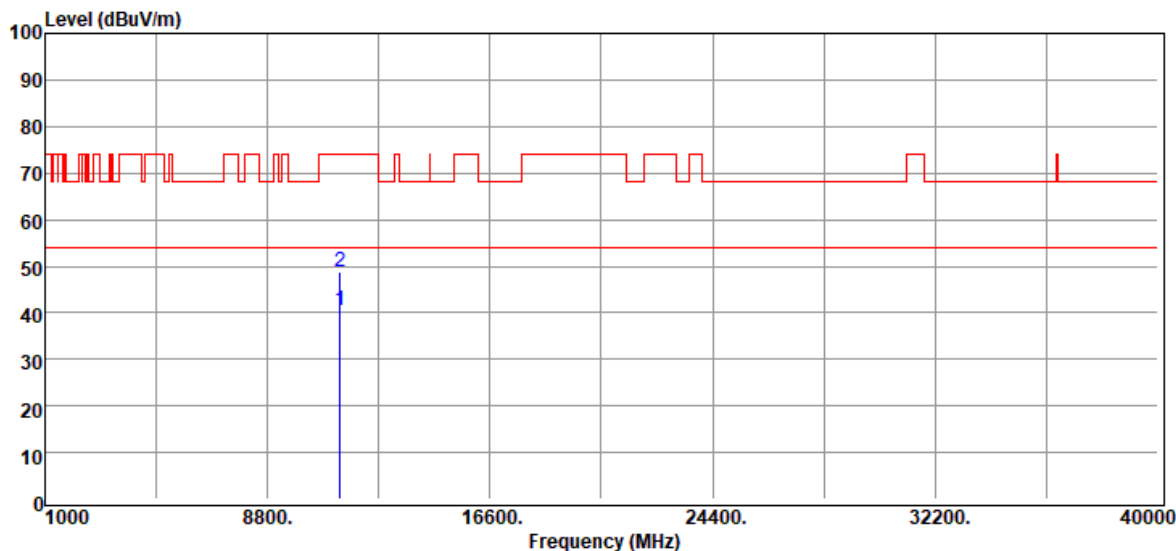
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 3  
 Test Channel :5670 MHz  
 Test Mode :TX CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.5/57  
 Antenna Pol. :HORIZONTAL  
 Engineer :Kailin



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	27.84	12.50	40.34	54.00	-13.66
11340.00	Peak	36.38	12.50	48.88	74.00	-25.12

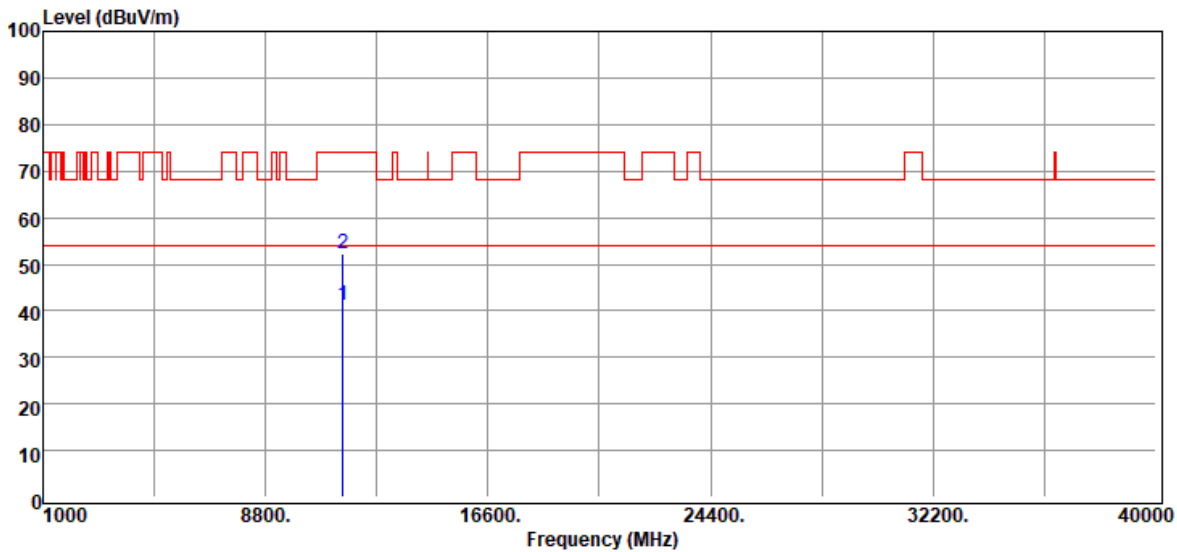
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 4  
 Test Channel :5755 MHz  
 Test Mode :TX CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.5/57  
 Antenna Pol. :VERTICAL  
 Engineer :Kailin



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	27.81	13.41	41.22	54.00	-12.78
11510.00	Peak	38.74	13.41	52.15	74.00	-21.85

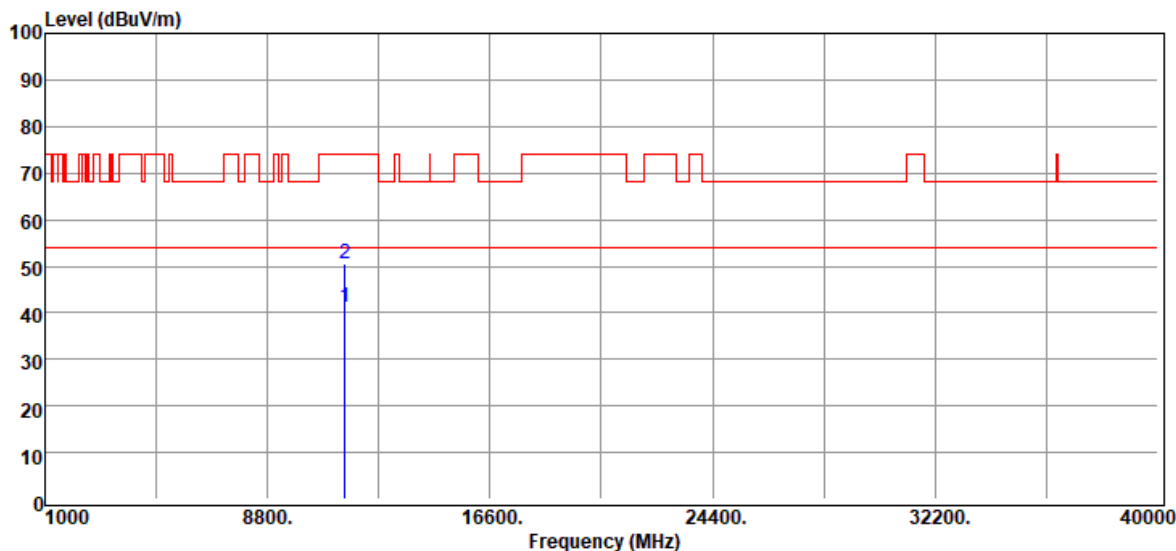
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 4  
 Test Channel :5755 MHz  
 Test Mode :TX CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.5/57  
 Antenna Pol. :HORIZONTAL  
 Engineer :Kailin



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	27.93	13.41	41.34	54.00	-12.66
11510.00	Peak	37.22	13.41	50.63	74.00	-23.37

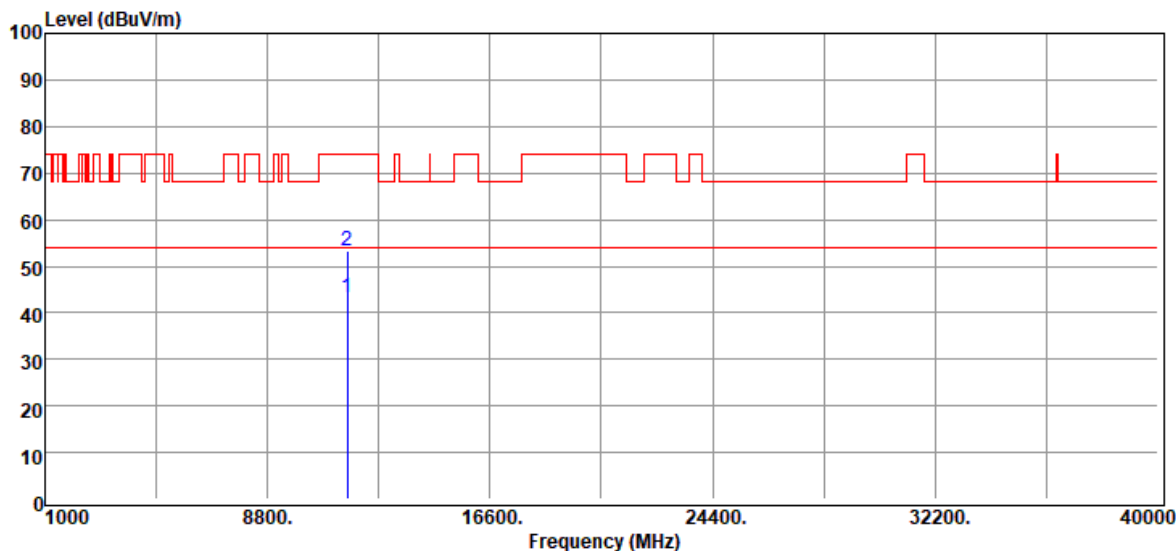
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 4  
 Test Channel :5795 MHz  
 Test Mode :TX CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.5/57  
 Antenna Pol. :VERTICAL  
 Engineer :Kailin



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	30.22	13.02	43.24	54.00	-10.76
11590.00	Peak	40.15	13.02	53.17	74.00	-20.83

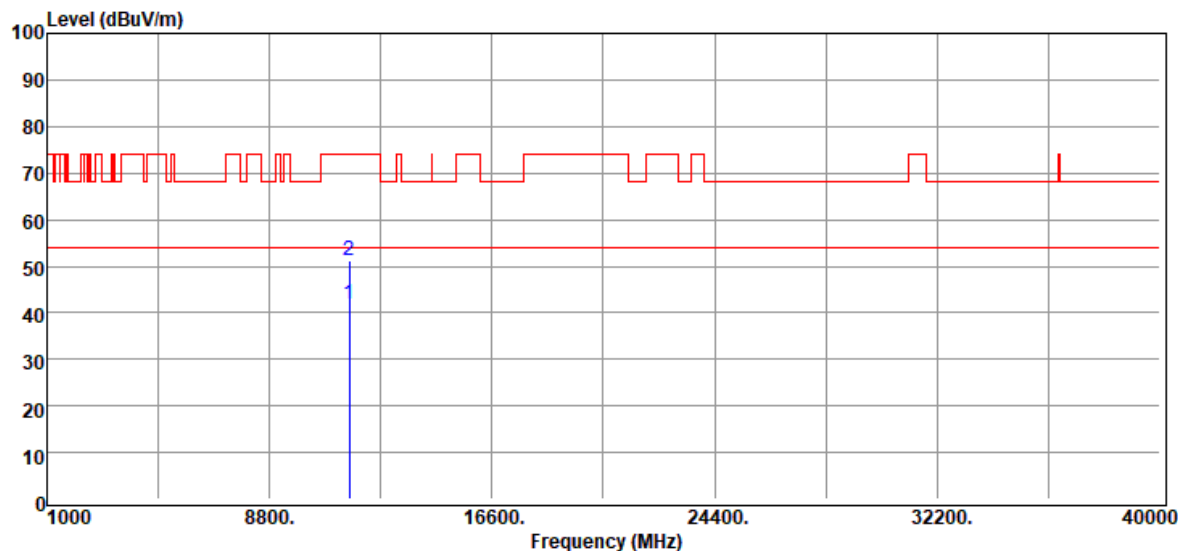
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 4  
 Test Channel :5795 MHz  
 Test Mode :TX CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.5/57  
 Antenna Pol. :HORIZONTAL  
 Engineer :Kailin



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	28.78	13.02	41.80	54.00	-12.20
11590.00	Peak	38.26	13.02	51.28	74.00	-22.72

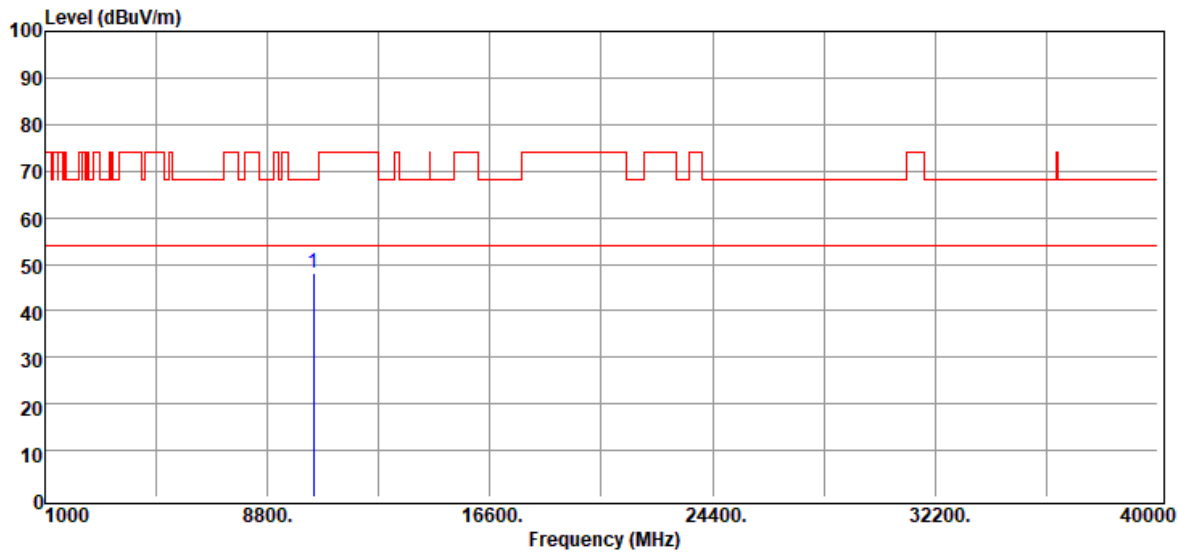
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Report Number :E2/2019/90023  
 Operation Mode :802.11ac80 / Band 1  
 Test Channel :5210 MHz  
 Test Mode :TX CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.4/58  
 Antenna Pol. :VERTICAL  
 Engineer :Kailin



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	35.58	12.67	48.25	68.20	-19.95

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Report Number :E2/2019/90023

Test Date :2019-11-14

Operation Mode :802.11ac80 / Band 1

Temp./Humi. :23.4/58

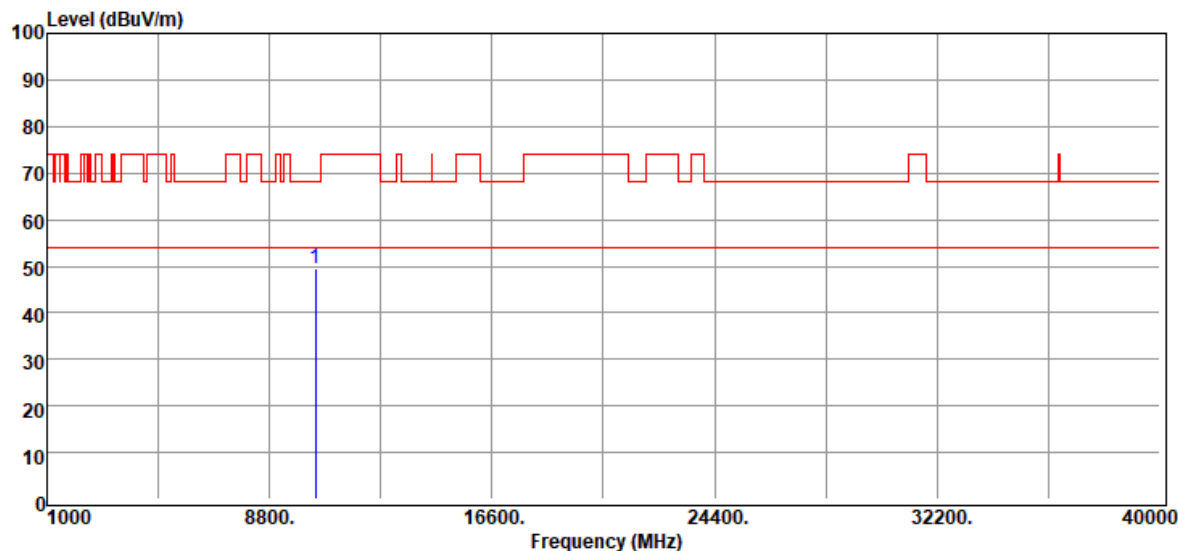
Test Channel :5210 MHz

Antenna Pol. :HORIZONTAL

Test Mode :TX CH LOW

Engineer :Kailin

EUT Pol :E2 Plan



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	36.64	12.67	49.31	68.20	-18.89

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Report Number :E2/2019/90023

Test Date :2019-11-14

Operation Mode :802.11ac80 / Band 2

Temp./Humi. :23.4/58

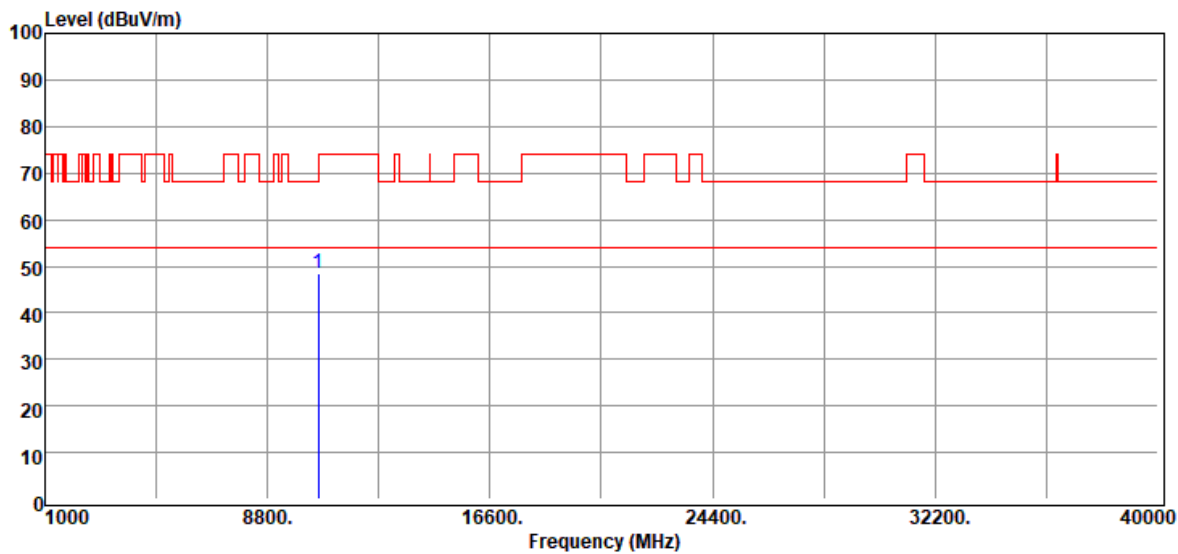
Test Channel :5290 MHz

Antenna Pol. :VERTICAL

Test Mode :TX CH HIGH

Engineer :Kailin

EUT Pol :E2 Plan



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	36.06	12.55	48.61	68.20	-19.59

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Report Number :E2/2019/90023

Test Date :2019-11-14

Operation Mode :802.11ac80 / Band 2

Temp./Humi. :23.4/58

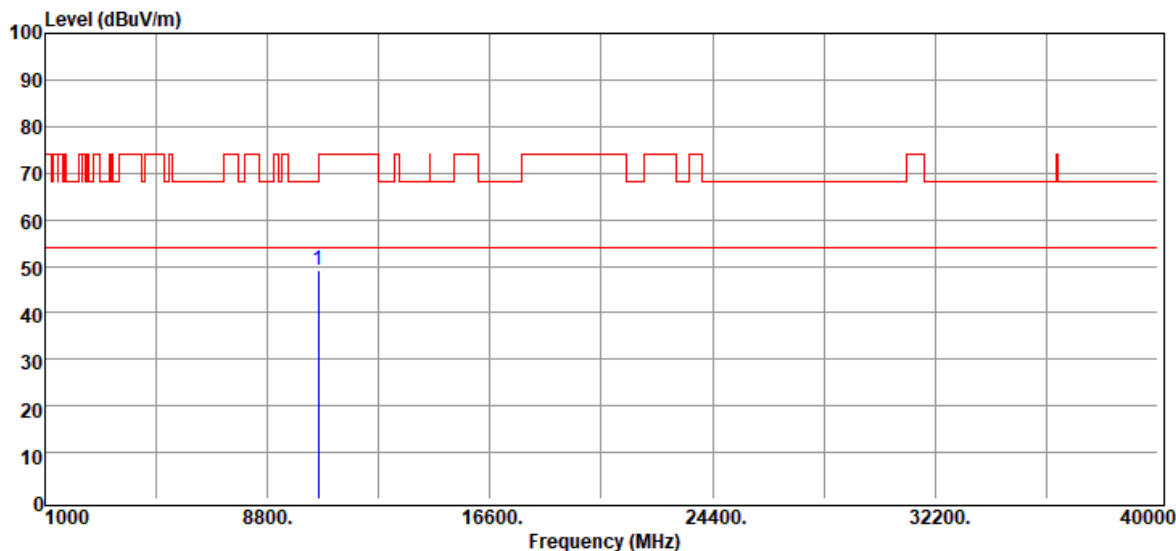
Test Channel :5290 MHz

Antenna Pol. :HORIZONTAL

Test Mode :TX CH HIGH

Engineer :Kailin

EUT Pol :E2 Plan



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	36.43	12.55	48.98	68.20	-19.22

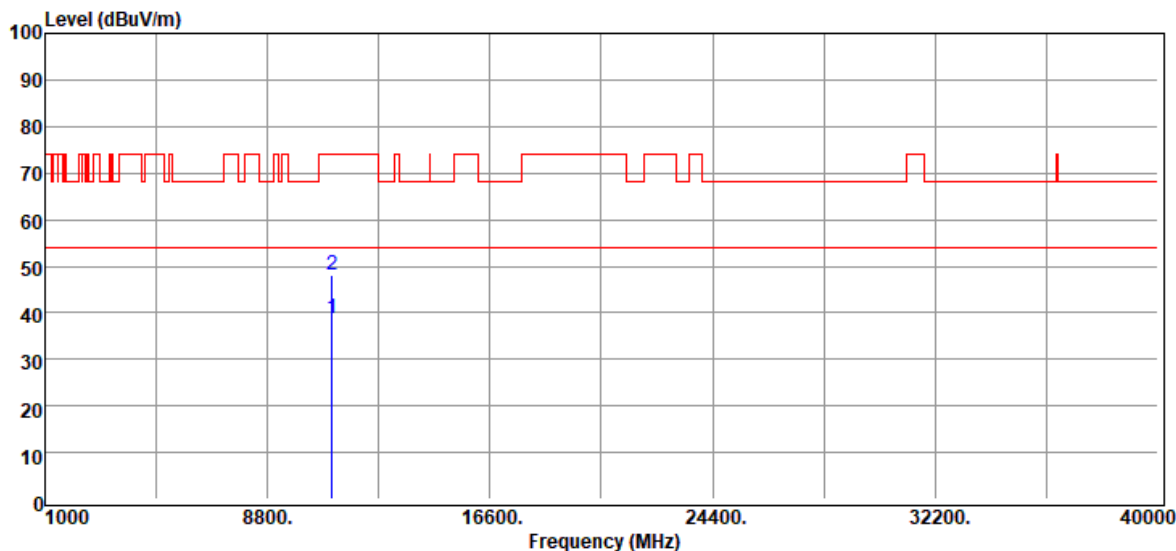
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Report Number :E2/2019/90023  
 Operation Mode :802.11ac80 / Band 3  
 Test Channel :5530 MHz  
 Test Mode :TX CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.4/58  
 Antenna Pol. :VERTICAL  
 Engineer :Kailin



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	27.15	11.47	38.62	54.00	-15.38
11060.00	Peak	36.54	11.47	48.01	74.00	-25.99

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Report Number :E2/2019/90023

Operation Mode :802.11ac80 / Band 3

Test Channel :5530 MHz

Test Mode :TX CH LOW

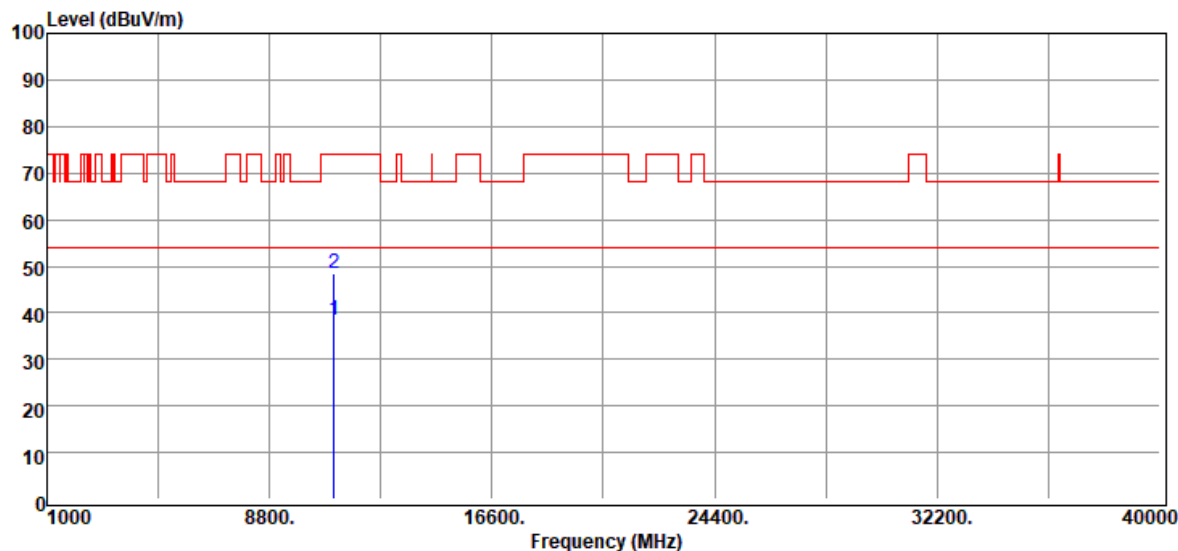
EUT Pol :E2 Plan

Test Date :2019-11-14

Temp./Humi. :23.4/58

Antenna Pol. :HORIZONTAL

Engineer :Kailin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11060.00	Average	26.97	11.47	38.44	54.00	-15.56
11060.00	Peak	36.93	11.47	48.40	74.00	-25.60

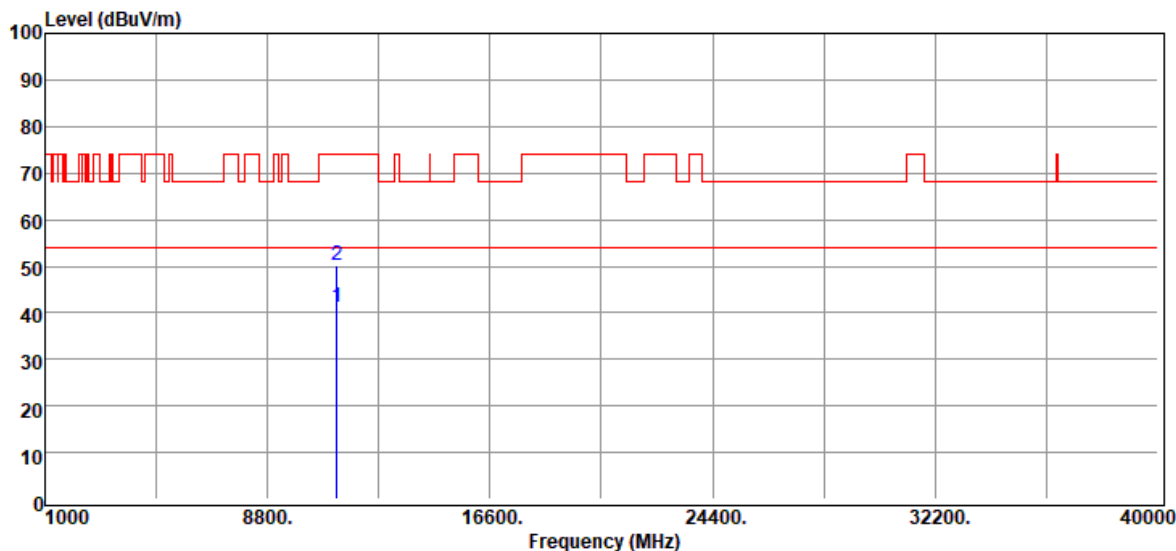
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Report Number :E2/2019/90023  
 Operation Mode :802.11ac80 / Band 3  
 Test Channel :5610 MHz  
 Test Mode :TX CH MID  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.4/58  
 Antenna Pol. :VERTICAL  
 Engineer :Kailin



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	28.73	12.45	41.18	54.00	-12.82
11220.00	Peak	37.86	12.45	50.31	74.00	-23.69

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Report Number :E2/2019/90023

Operation Mode :802.11ac80 / Band 3

Test Channel :5610 MHz

Test Mode :TX CH MID

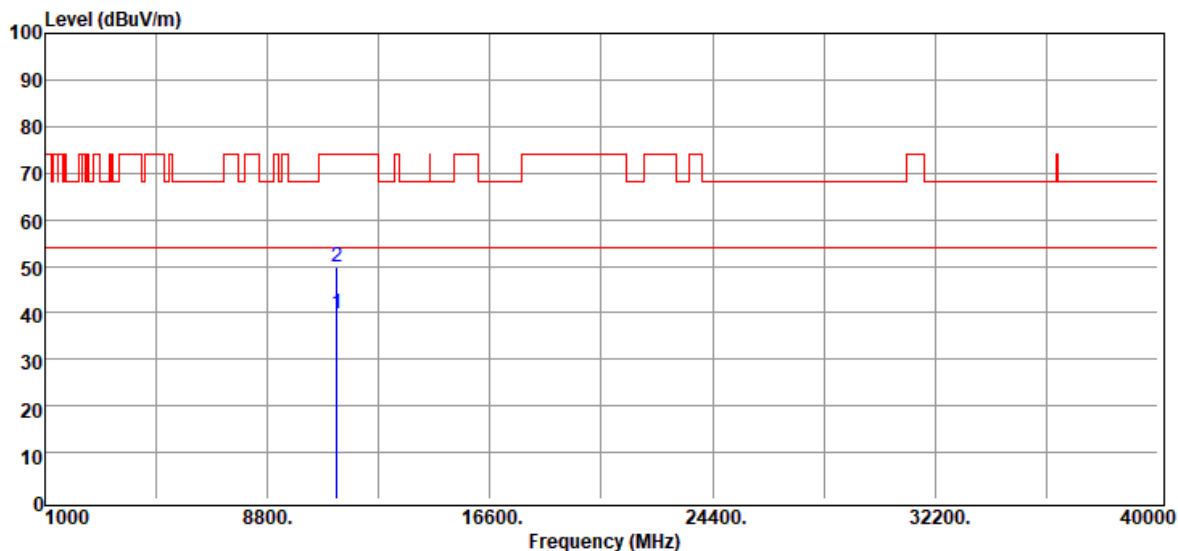
EUT Pol :E2 Plan

Test Date :2019-11-14

Temp./Humi. :23.4/58

Antenna Pol. :HORIZONTAL

Engineer :Kailin



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	27.43	12.45	39.88	54.00	-14.12
11220.00	Peak	37.47	12.45	49.92	74.00	-24.08

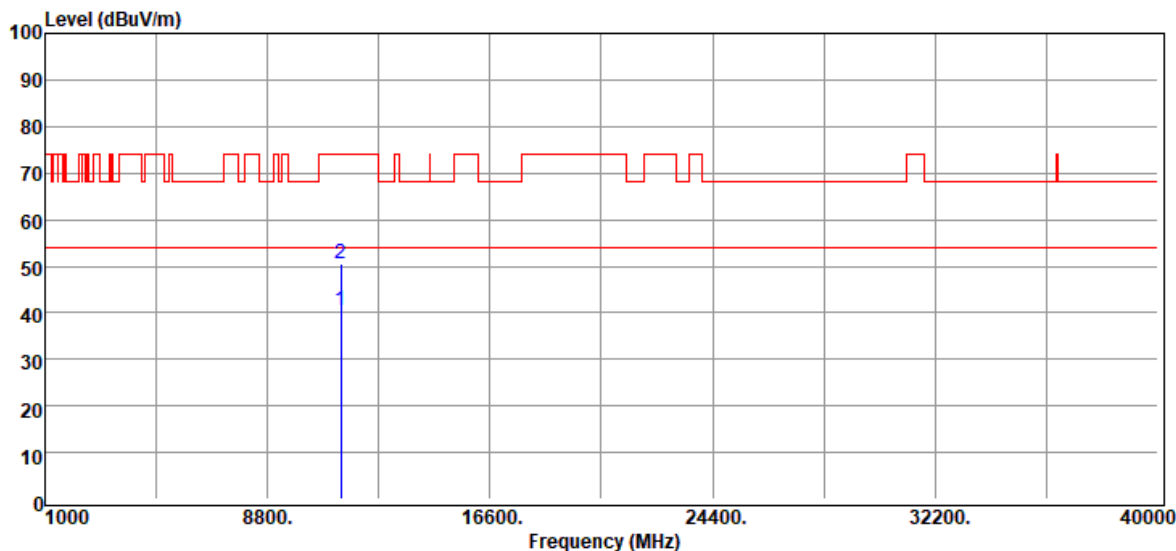
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Report Number :E2/2019/90023  
 Operation Mode :802.11ac80 / Band 3  
 Test Channel :5690 MHz  
 Test Mode :TX CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.4/58  
 Antenna Pol. :VERTICAL  
 Engineer :Kailin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11380.00	Average	27.49	12.89	40.38	54.00	-13.62
11380.00	Peak	37.64	12.89	50.53	74.00	-23.47

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Report Number :E2/2019/90023

Test Date :2019-11-14

Operation Mode :802.11ac80 / Band 3

Temp./Humi. :23.4/58

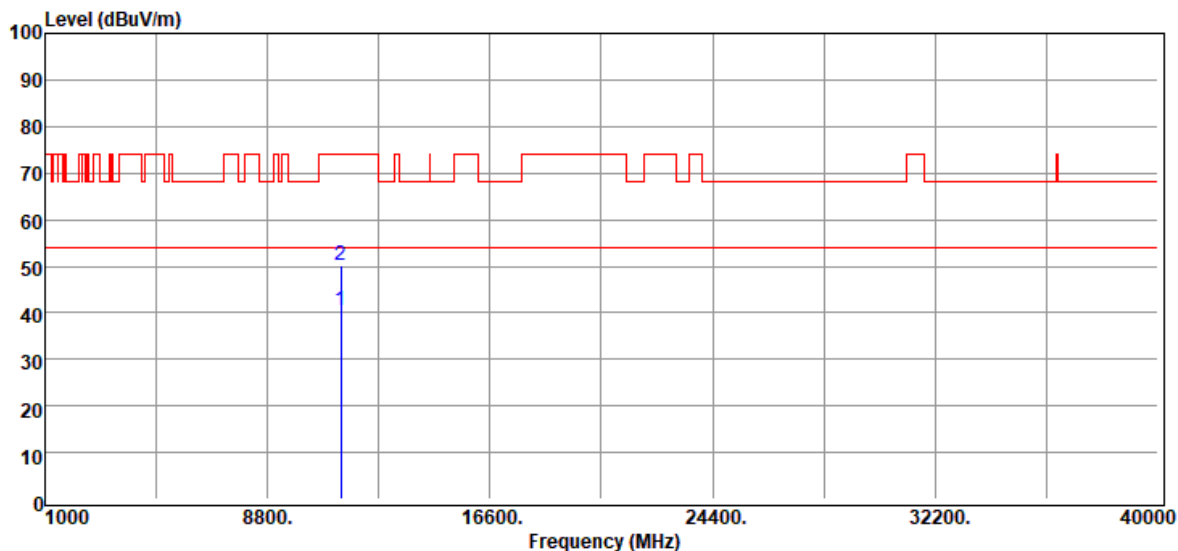
Test Channel :5690 MHz

Antenna Pol. :HORIZONTAL

Test Mode :TX CH HIGH

Engineer :Kailin

EUT Pol :E2 Plan



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11380.00	Average	27.68	12.89	40.57	54.00	-13.43
11380.00	Peak	37.19	12.89	50.08	74.00	-23.92

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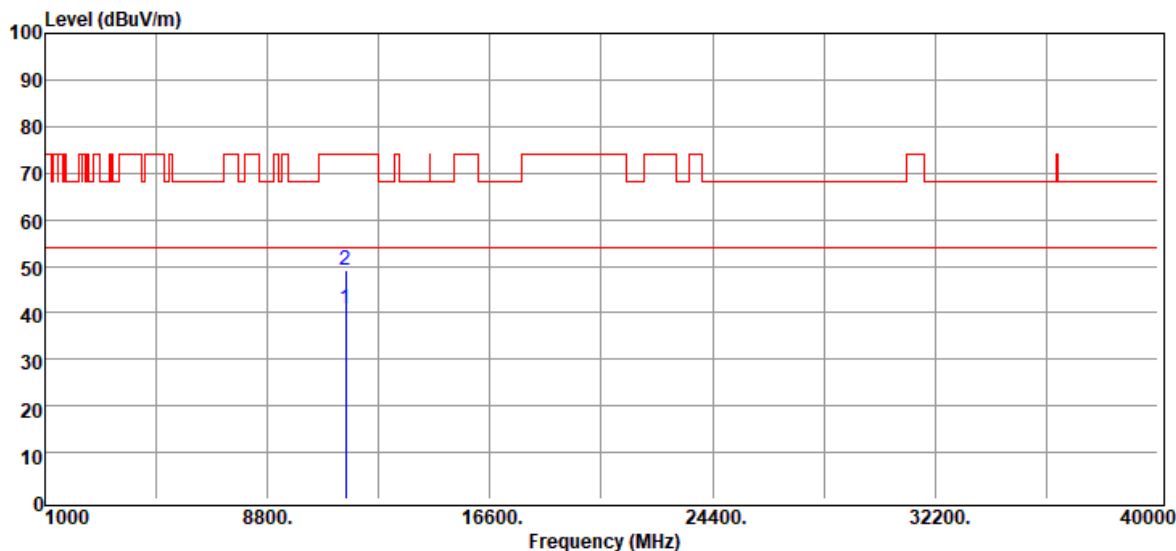
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Report Number :E2/2019/90023  
 Operation Mode :802.11ac80 / Band 4  
 Test Channel :5775 MHz  
 Test Mode :TX CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-11-14  
 Temp./Humi. :23.4/58  
 Antenna Pol. :VERTICAL  
 Engineer :Kailin



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	27.49	13.21	40.70	54.00	-13.30
11550.00	Peak	35.77	13.21	48.98	74.00	-25.02

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Report Number :E2/2019/90023

Test Date :2019-11-14

Operation Mode :802.11ac80 / Band 4

Temp./Humi. :23.4/58

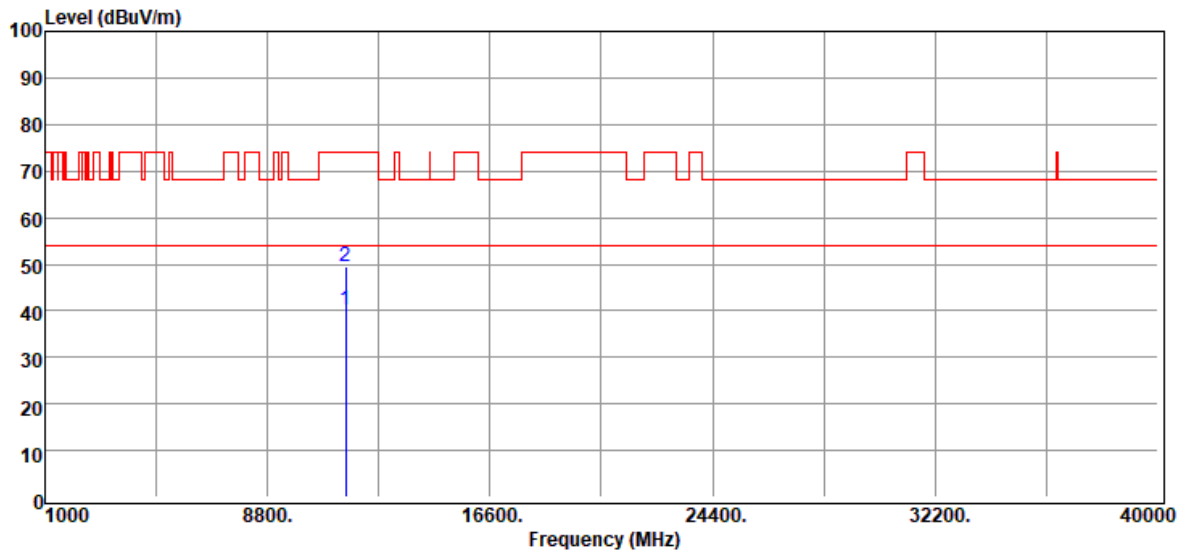
Test Channel :5775 MHz

Antenna Pol. :HORIZONTAL

Test Mode :TX CH LOW

Engineer :Kailin

EUT Pol :E2 Plan



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	26.97	13.21	40.18	54.00	-13.82
11550.00	Peak	36.26	13.21	49.47	74.00	-24.53

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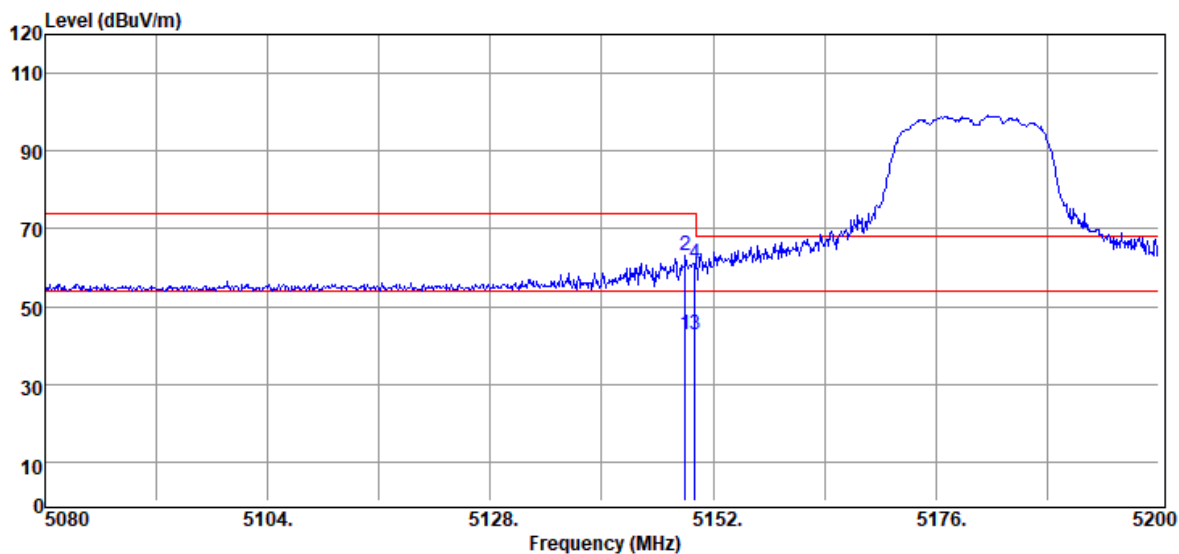
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### 11.7.3 Band edge falling to restricted band

Report Number :E2/2019/90023  
 Operation Mode :802.11a / Band 1  
 Test Channel :5180 MHz  
 Test Mode :BE CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-10-24  
 Temp./Humi. :22.4/63  
 Antenna Pol. :VERTICAL  
 Engineer :Enzo



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5149.00	Average	41.24	1.71	42.95	54.00	-11.05
5149.00	Peak	61.47	1.71	63.18	74.00	-10.82
5150.00	Average	40.98	1.71	42.69	54.00	-11.31
5150.00	Peak	59.14	1.71	60.85	74.00	-13.15

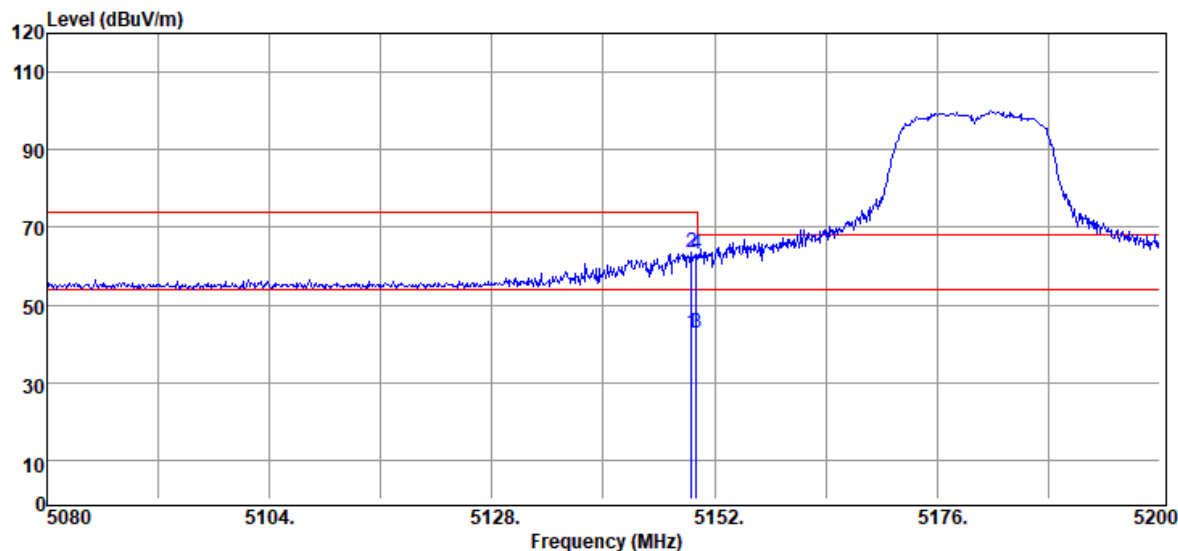
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Report Number :E2/2019/90023  
 Operation Mode :802.11a / Band 1  
 Test Channel :5180 MHz  
 Test Mode :BE CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-10-24  
 Temp./Humi. :22.4/63  
 Antenna Pol. :HORIZONTAL  
 Engineer :Enzo



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5149.48	Average	41.17	1.71	42.88	54.00	-11.12
5149.48	Peak	61.92	1.71	63.63	74.00	-10.37
5150.00	Average	41.25	1.71	42.96	54.00	-11.04
5150.00	Peak	61.43	1.71	63.14	74.00	-10.86

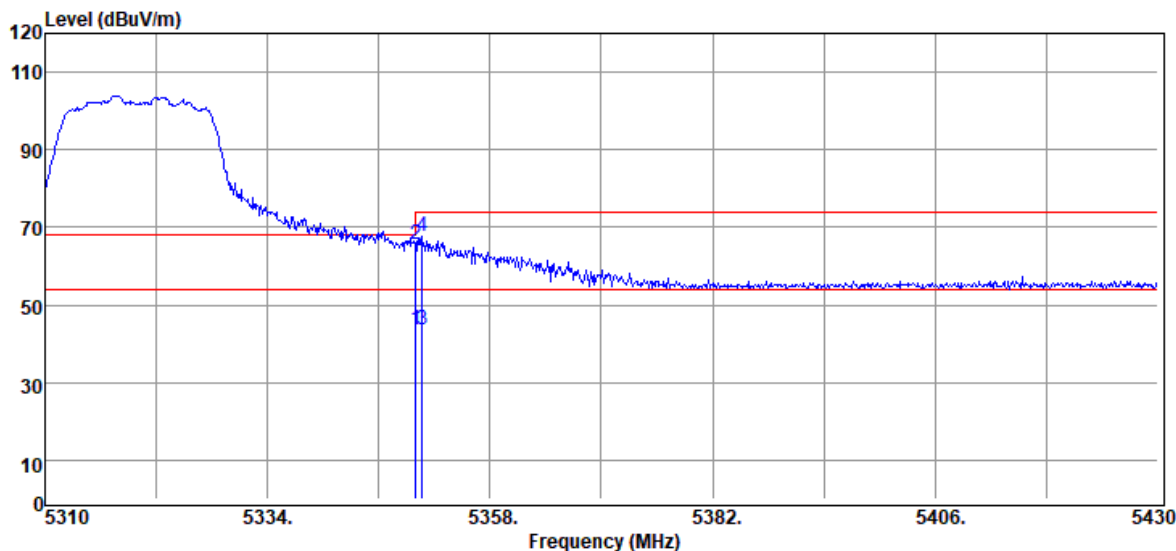
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Report Number :E2/2019/90023  
 Operation Mode :802.11a / Band 2  
 Test Channel :5320 MHz  
 Test Mode :BE CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-10-24  
 Temp./Humi. :22.4/63  
 Antenna Pol. :VERTICAL  
 Engineer :Enzo



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	41.45	2.07	43.52	54.00	-10.48
5350.00	Peak	63.57	2.07	65.64	74.00	-8.36
5350.68	Average	41.48	2.07	43.55	54.00	-10.45
5350.68	Peak	65.46	2.07	67.53	74.00	-6.47

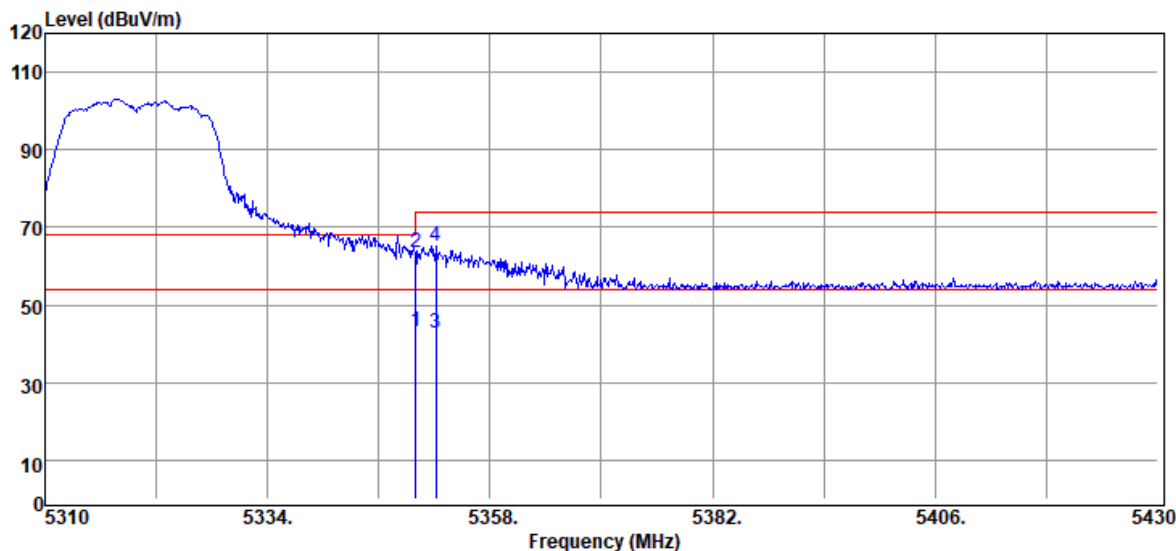
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Report Number :E2/2019/90023  
 Operation Mode :802.11a / Band 2  
 Test Channel :5320 MHz  
 Test Mode :BE CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-10-24  
 Temp./Humi. :22.4/63  
 Antenna Pol. :HORIZONTAL  
 Engineer :Enzo



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	41.05	2.07	43.12	54.00	-10.88
5350.00	Peak	61.43	2.07	63.50	74.00	-10.50
5352.12	Average	40.52	2.07	42.59	54.00	-11.41
5352.12	Peak	63.21	2.07	65.28	74.00	-8.72

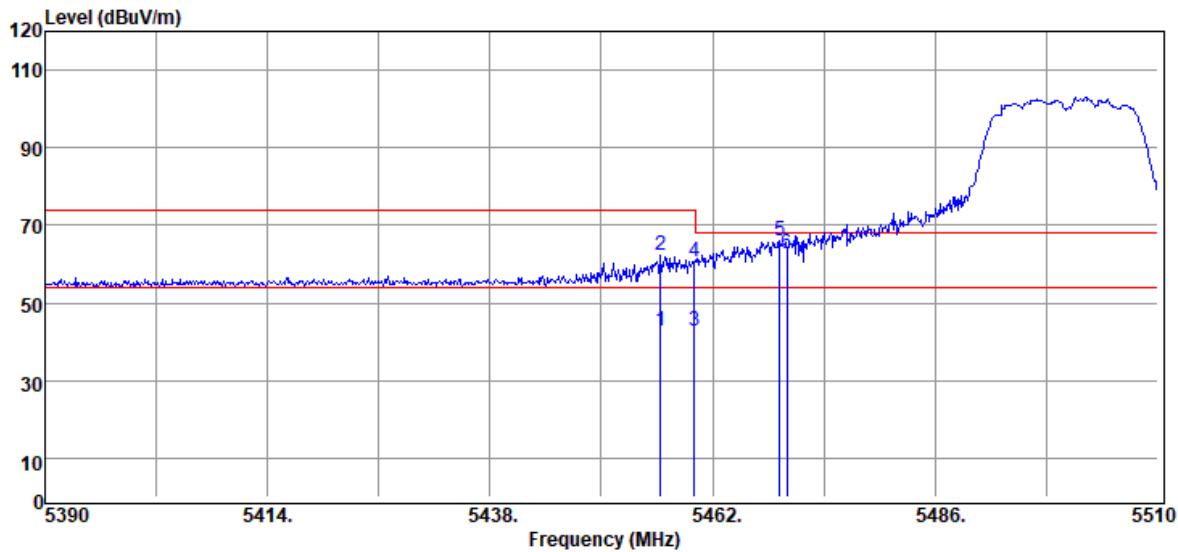
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Report Number :E2/2019/90023  
 Operation Mode :802.11a / Band 3  
 Test Channel :5500 MHz  
 Test Mode :BE CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-10-24  
 Temp./Humi. :22.4/63  
 Antenna Pol. :VERTICAL  
 Engineer :Enzo



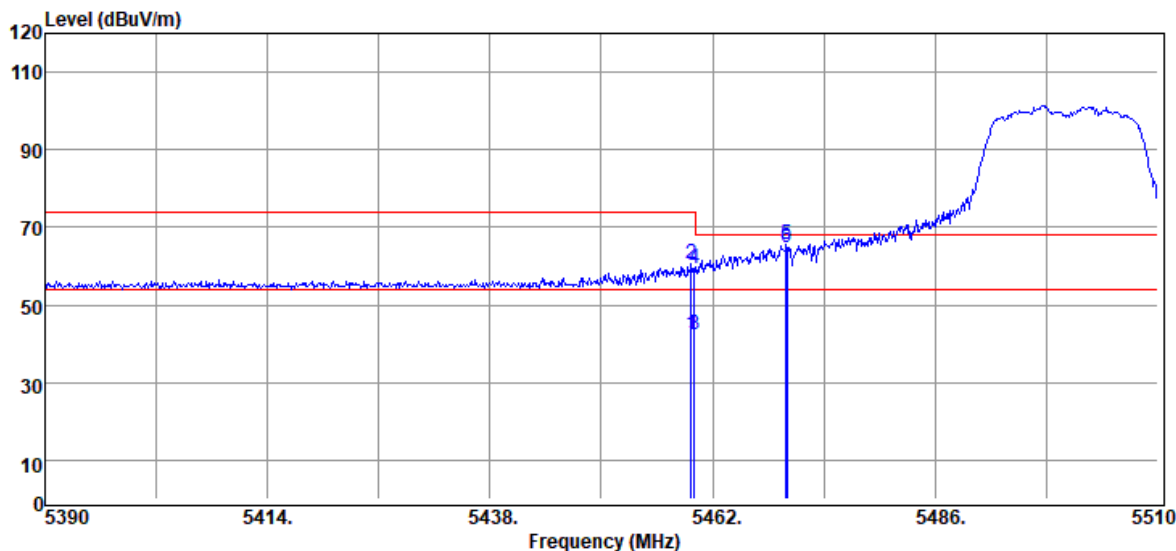
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5456.36	Average	40.57	2.04	42.61	54.00	-11.39
5456.36	Peak	60.31	2.04	62.35	74.00	-11.65
5460.00	Average	40.80	2.02	42.82	54.00	-11.18
5460.00	Peak	58.80	2.02	60.82	74.00	-13.18
5469.20	Peak	63.99	1.99	65.98	68.20	-2.22
5470.00	Peak	60.69	1.99	62.68	68.20	-5.52

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Report Number :E2/2019/90023  
 Operation Mode :802.11a / Band 3  
 Test Channel :5500 MHz  
 Test Mode :BE CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-10-24  
 Temp./Humi. :22.4/63  
 Antenna Pol. :HORIZONTAL  
 Engineer :Enzo



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5459.72	Average	40.33	2.02	42.35	54.00	-11.65
5459.72	Peak	58.47	2.02	60.49	74.00	-13.51
5460.00	Average	40.43	2.02	42.45	54.00	-11.55
5460.00	Peak	57.21	2.02	59.23	74.00	-14.77
5469.92	Peak	63.62	1.99	65.61	68.20	-2.59
5470.00	Peak	62.72	1.99	64.71	68.20	-3.49

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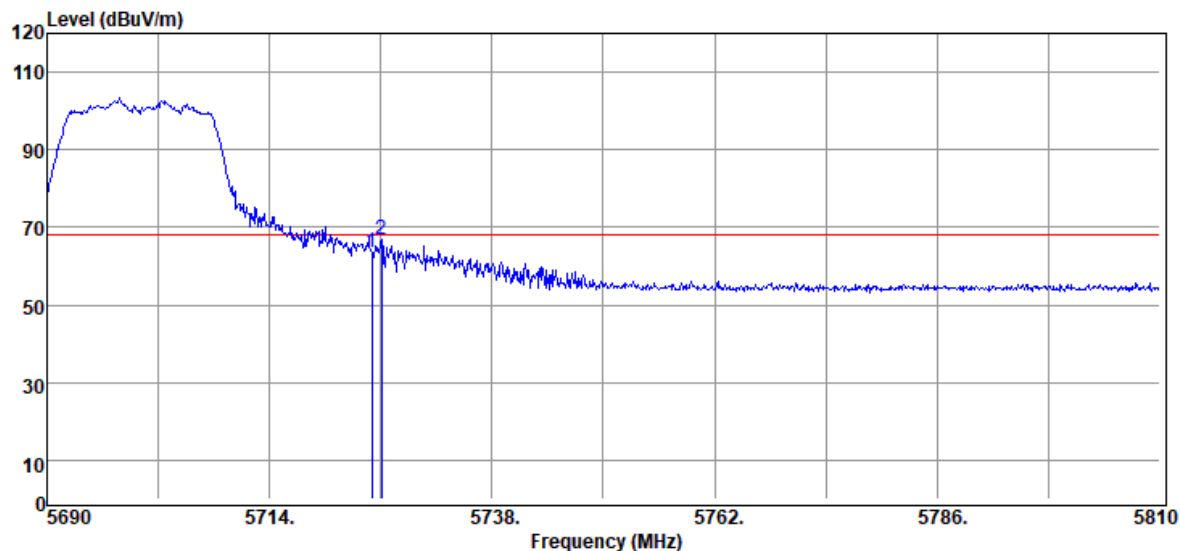
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Report Number :E2/2019/90023  
 Operation Mode :802.11a / Band 3  
 Test Channel :5700 MHz  
 Test Mode :BE CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-10-24  
 Temp./Humi. :22.4/63  
 Antenna Pol. :VERTICAL  
 Engineer :Enzo



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	61.48	2.09	63.57	68.20	-4.63
5726.12	Peak	64.62	2.08	66.70	68.20	-1.50

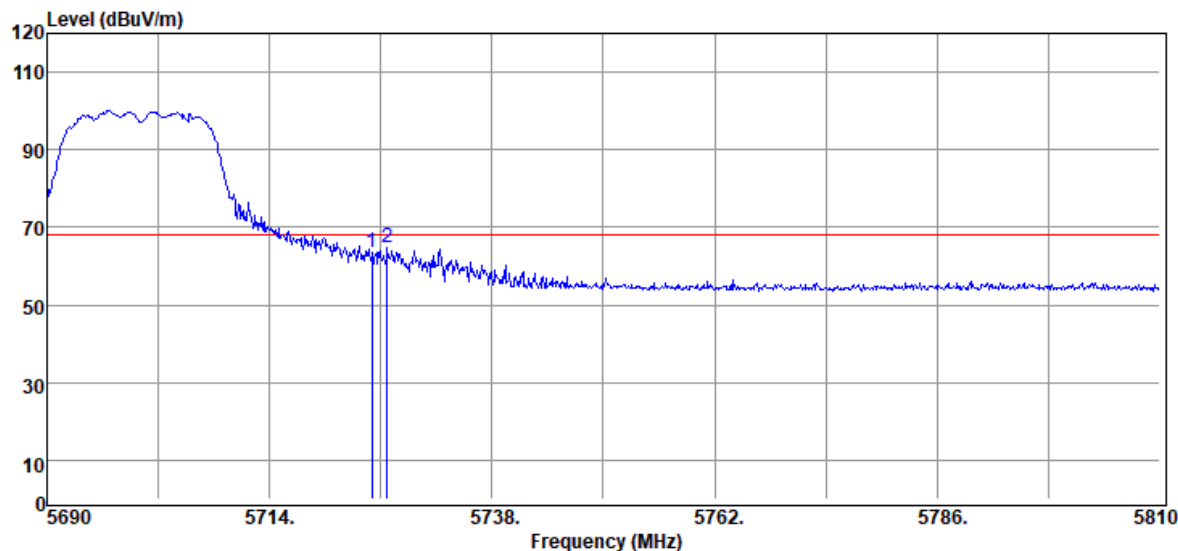
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Report Number :E2/2019/90023  
 Operation Mode :802.11a / Band 3  
 Test Channel :5700 MHz  
 Test Mode :BE CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-10-24  
 Temp./Humi. :22.4/63  
 Antenna Pol. :HORIZONTAL  
 Engineer :Enzo



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	61.26	2.09	63.35	68.20	-4.85
5726.72	Peak	62.84	2.07	64.91	68.20	-3.29

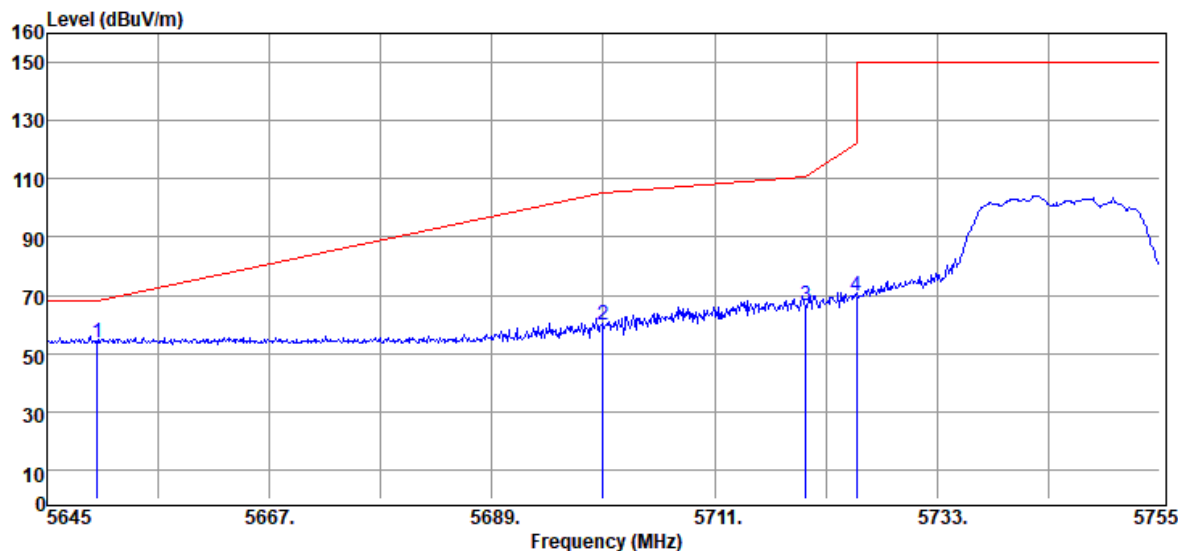
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Report Number :E2/2019/90023  
 Operation Mode :802.11a / Band 4  
 Test Channel :5745 MHz  
 Test Mode :BE CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-10-24  
 Temp./Humi. :22.4/63  
 Antenna Pol. :VERTICAL  
 Engineer :Enzo



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	51.69	2.06	53.75	68.20	-14.45
5700.00	Peak	57.31	2.23	59.54	105.20	-45.66
5720.00	Peak	64.53	2.13	66.66	110.80	-44.14
5725.00	Peak	67.63	2.09	69.72	122.20	-52.48

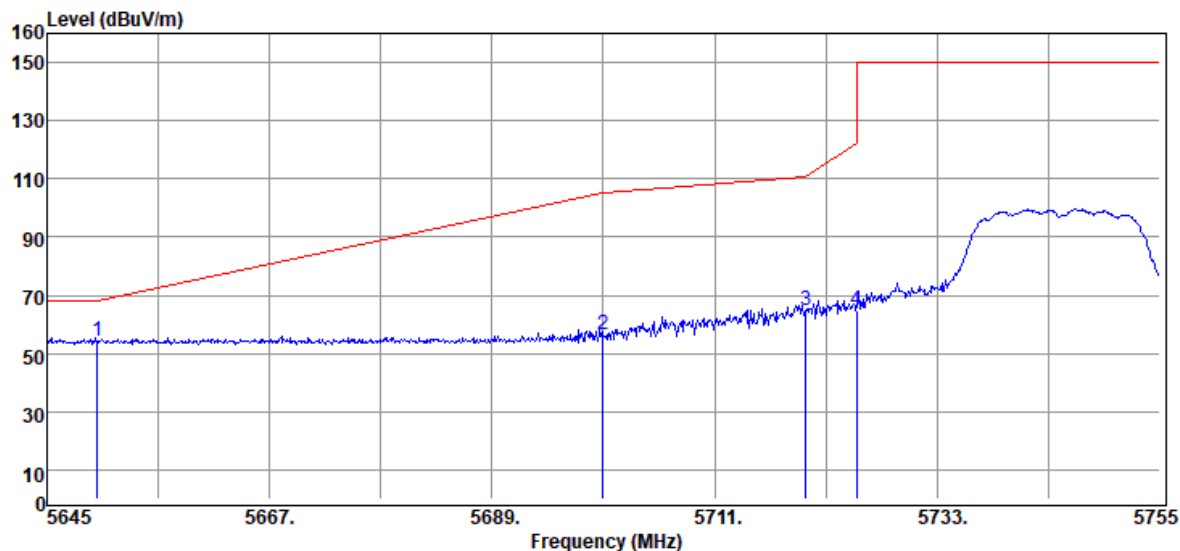
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Report Number :E2/2019/90023  
 Operation Mode :802.11a / Band 4  
 Test Channel :5745 MHz  
 Test Mode :BE CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-10-24  
 Temp./Humi. :22.4/63  
 Antenna Pol. :HORIZONTAL  
 Engineer :Enzo



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	52.47	2.06	54.53	68.20	-13.67
5700.00	Peak	54.08	2.23	56.31	105.20	-48.89
5720.00	Peak	62.85	2.13	64.98	110.80	-45.82
5725.00	Peak	62.87	2.09	64.96	122.20	-57.24

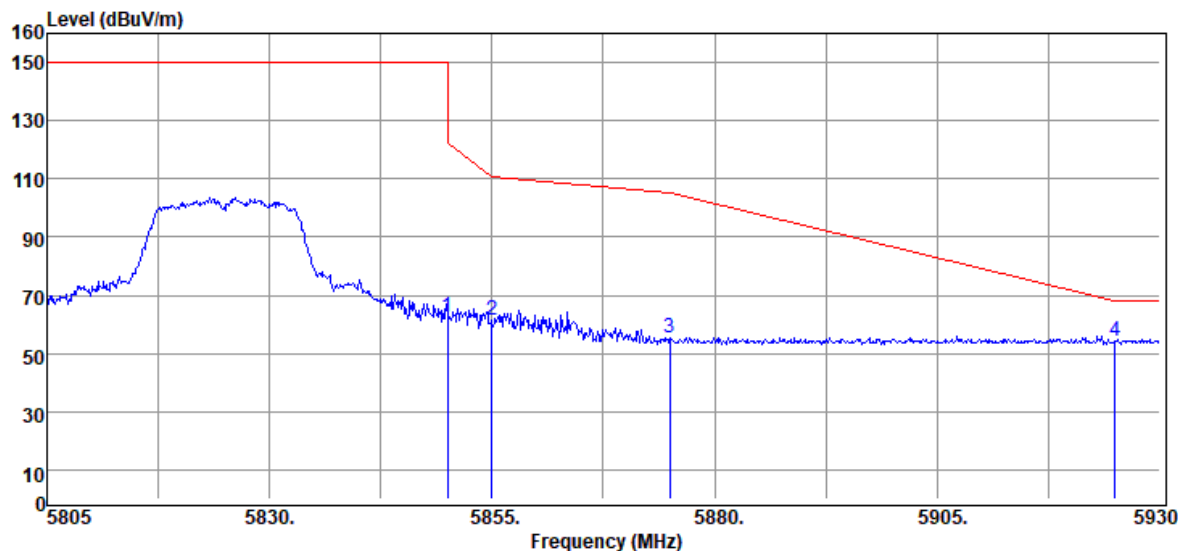
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Report Number :E2/2019/90023  
 Operation Mode :802.11a / Band 4  
 Test Channel :5825 MHz  
 Test Mode :BE CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-10-24  
 Temp./Humi. :22.4/63  
 Antenna Pol. :VERTICAL  
 Engineer :Enzo



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	60.98	1.69	62.67	122.20	-59.53
5855.00	Peak	59.78	1.69	61.47	110.80	-49.33
5875.00	Peak	53.62	1.70	55.32	105.20	-49.88
5925.00	Peak	52.13	1.96	54.09	68.20	-14.11

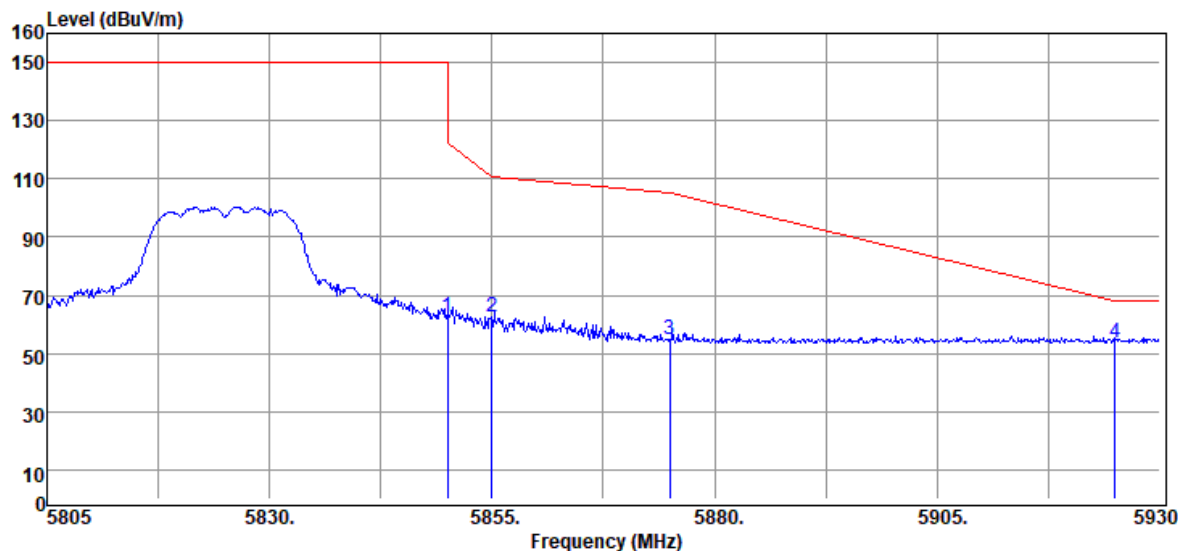
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Report Number :E2/2019/90023  
 Operation Mode :802.11a / Band 4  
 Test Channel :5825 MHz  
 Test Mode :BE CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-10-24  
 Temp./Humi. :22.4/63  
 Antenna Pol. :HORIZONTAL  
 Engineer :Enzo



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	60.94	1.69	62.63	122.20	-59.57
5855.00	Peak	61.12	1.69	62.81	110.80	-47.99
5875.00	Peak	53.20	1.70	54.90	105.20	-50.30
5925.00	Peak	51.98	1.96	53.94	68.20	-14.26

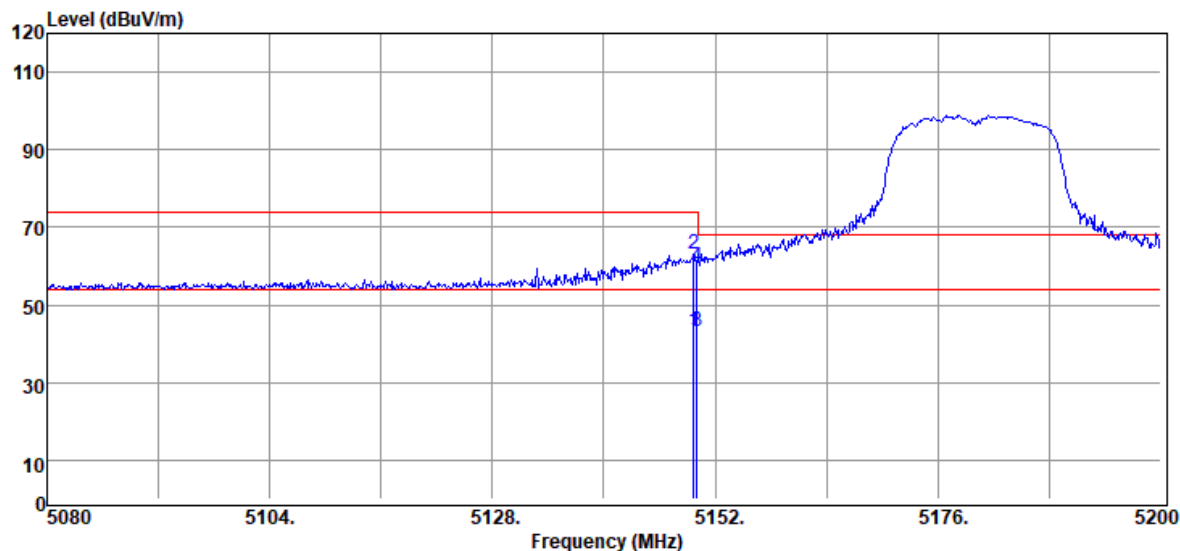
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 1  
 Test Channel :5180 MHz  
 Test Mode :BE CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-10-24  
 Temp./Humi. :22.4/63  
 Antenna Pol. :VERTICAL  
 Engineer :Enzo



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5149.72	Average	41.63	1.71	43.34	54.00	-10.66
5149.72	Peak	61.33	1.71	63.04	74.00	-10.96
5150.00	Average	41.29	1.71	43.00	54.00	-11.00
5150.00	Peak	58.02	1.71	59.73	74.00	-14.27

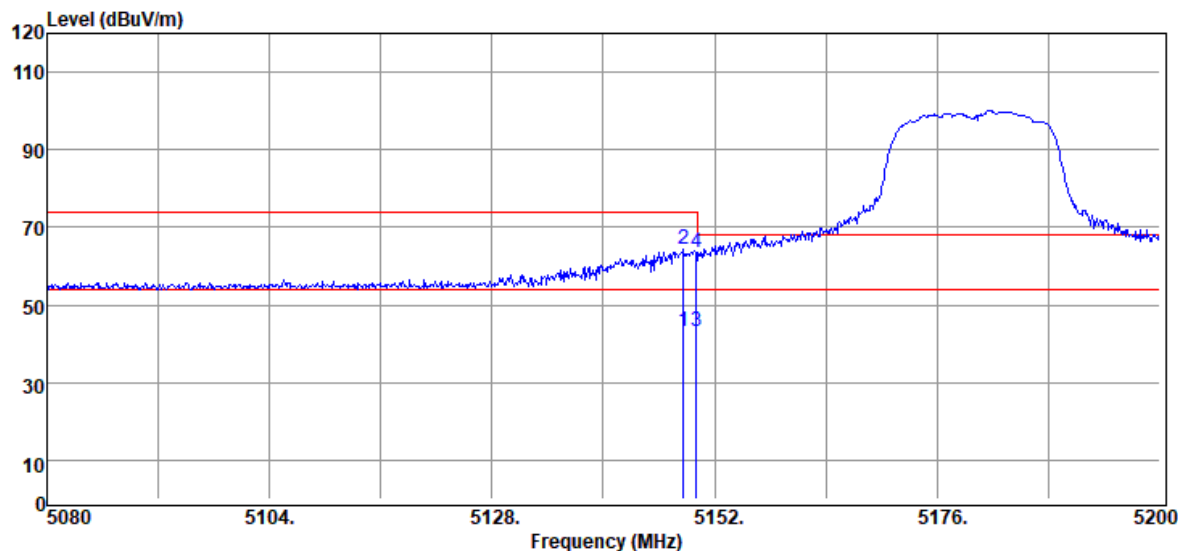
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 1  
 Test Channel :5180 MHz  
 Test Mode :BE CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-10-24  
 Temp./Humi. :22.4/63  
 Antenna Pol. :HORIZONTAL  
 Engineer :Enzo



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5148.64	Average	41.46	1.71	43.17	54.00	-10.83
5148.64	Peak	62.58	1.71	64.29	74.00	-9.71
5150.00	Average	41.55	1.71	43.26	54.00	-10.74
5150.00	Peak	61.79	1.71	63.50	74.00	-10.50

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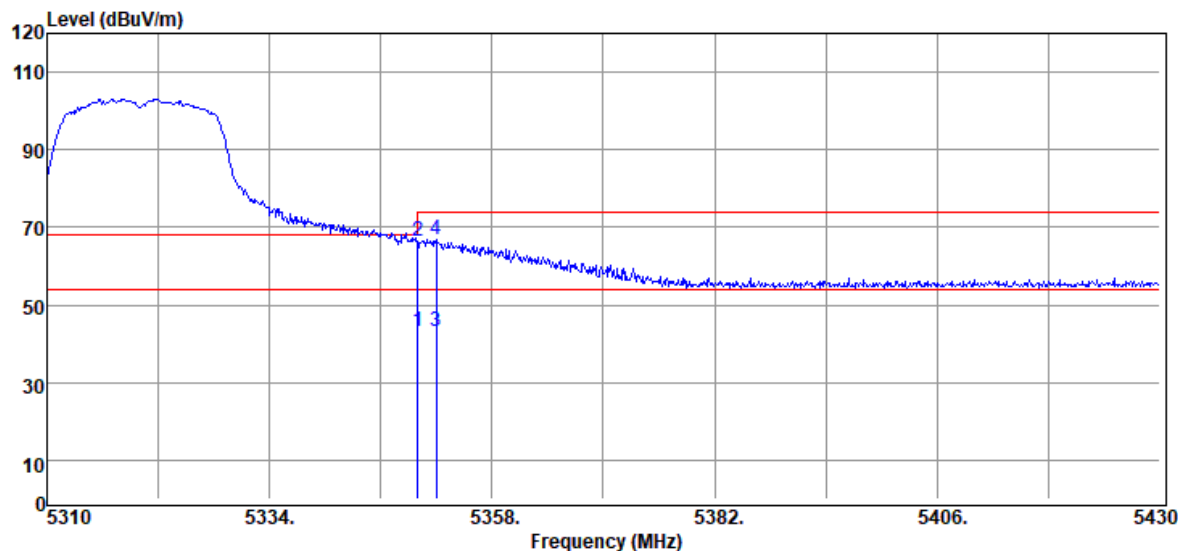
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 2  
 Test Channel :5320 MHz  
 Test Mode :BE CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-10-24  
 Temp./Humi. :22.4/63  
 Antenna Pol. :VERTICAL  
 Engineer :Enzo



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	40.98	2.07	43.05	54.00	-10.95
5350.00	Peak	64.26	2.07	66.33	74.00	-7.67
5352.00	Average	41.06	2.07	43.13	54.00	-10.87
5352.00	Peak	64.97	2.07	67.04	74.00	-6.96

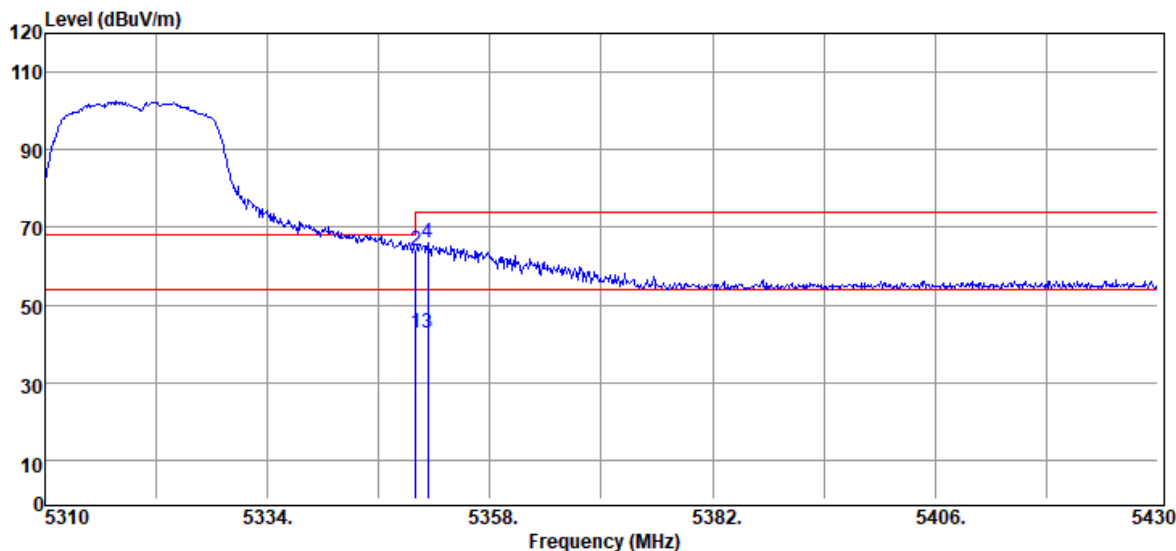
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 2  
 Test Channel :5320 MHz  
 Test Mode :BE CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-10-24  
 Temp./Humi. :22.4/63  
 Antenna Pol. :HORIZONTAL  
 Engineer :Enzo



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	40.77	2.07	42.84	54.00	-11.16
5350.00	Peak	61.96	2.07	64.03	74.00	-9.97
5351.28	Average	40.71	2.07	42.78	54.00	-11.22
5351.28	Peak	63.95	2.07	66.02	74.00	-7.98

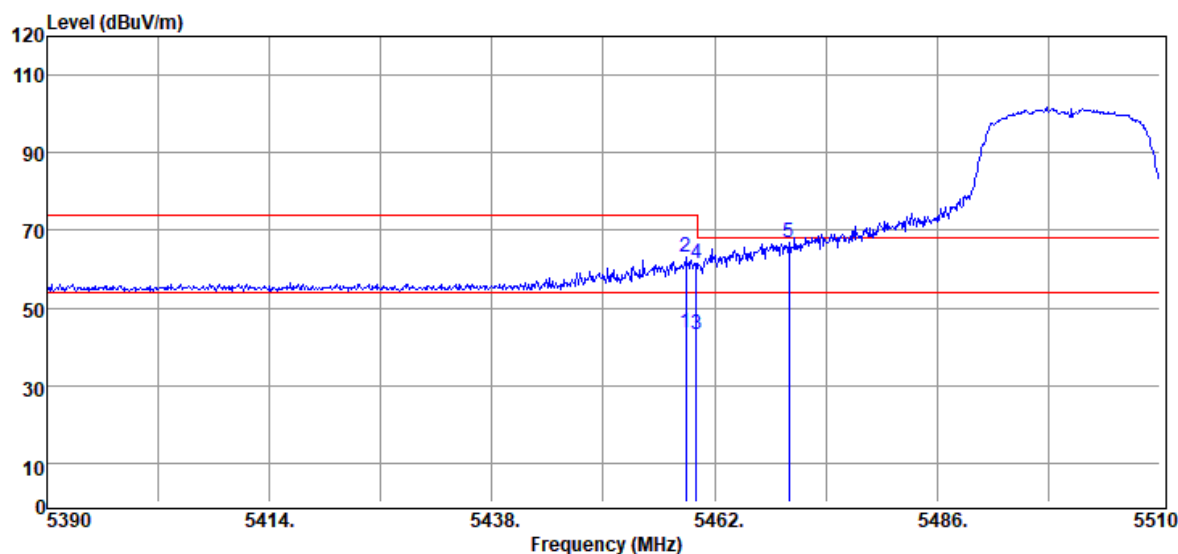
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Report Number :E2/2019/90023  
Operation Mode :802.11n20 / Band 3  
Test Channel :5500 MHz  
Test Mode :BE CH LOW  
EUT Pol :E2 Plan

Test Date :2019-10-25  
Temp./Humi. :22.4/63  
Antenna Pol. :VERTICAL  
Engineer :Enzo



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5458.88	Average	41.37	2.03	43.40	54.00	-10.60
5458.88	Peak	61.27	2.03	63.30	74.00	-10.70
5460.00	Average	41.05	2.02	43.07	54.00	-10.93
5460.00	Peak	59.33	2.02	61.35	74.00	-12.65
5470.00	Peak	64.81	1.99	66.80	68.20	-1.40

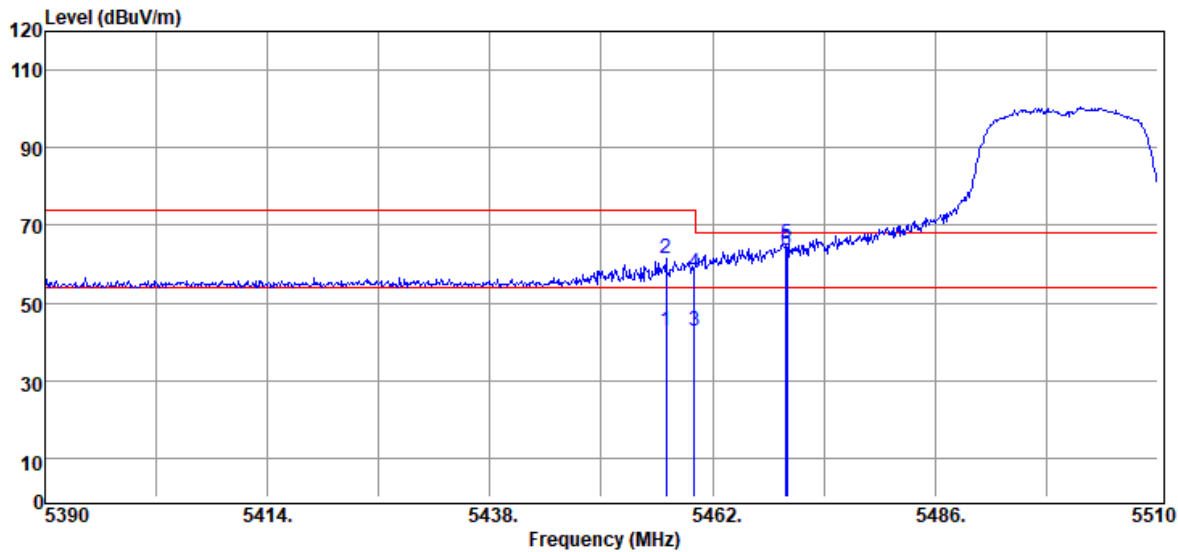
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 3  
 Test Channel :5500 MHz  
 Test Mode :BE CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-10-24  
 Temp./Humi. :22.4/63  
 Antenna Pol. :HORIZONTAL  
 Engineer :Enzo



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5456.96	Average	40.78	2.03	42.81	54.00	-11.19
5456.96	Peak	59.53	2.03	61.56	74.00	-12.44
5460.00	Average	40.85	2.02	42.87	54.00	-11.13
5460.00	Peak	55.60	2.02	57.62	74.00	-16.38
5469.92	Peak	63.39	1.99	65.38	68.20	-2.82
5470.00	Peak	61.70	1.99	63.69	68.20	-4.51

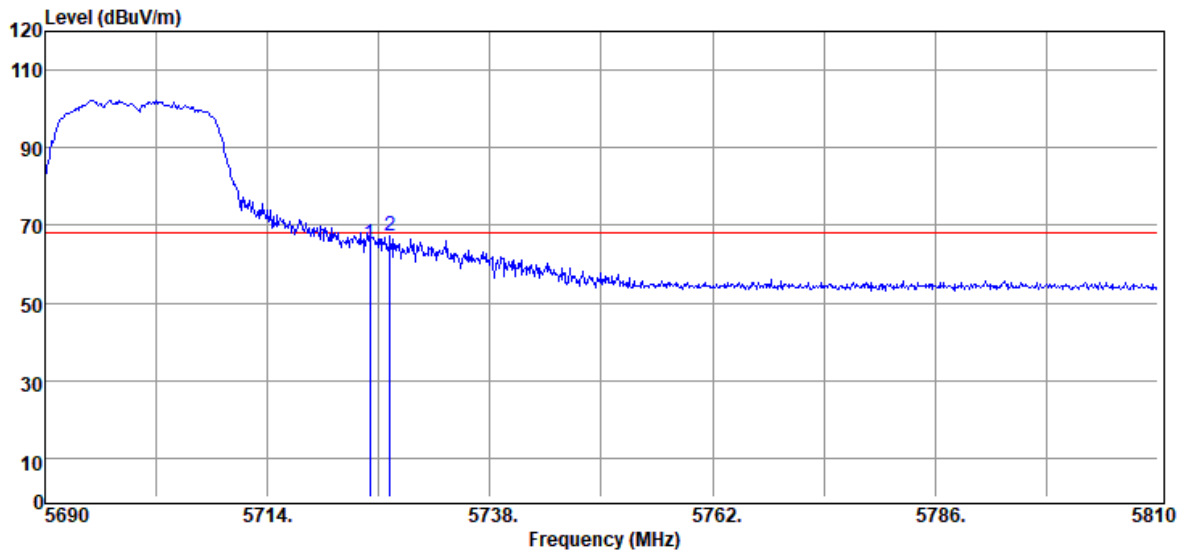
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 3  
 Test Channel :5700 MHz  
 Test Mode :BE CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-10-25  
 Temp./Humi. :22.4/63  
 Antenna Pol. :VERTICAL  
 Engineer :Enzo



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	63.14	2.09	65.23	68.20	-2.97
5727.20	Peak	65.36	2.08	67.44	68.20	-0.76

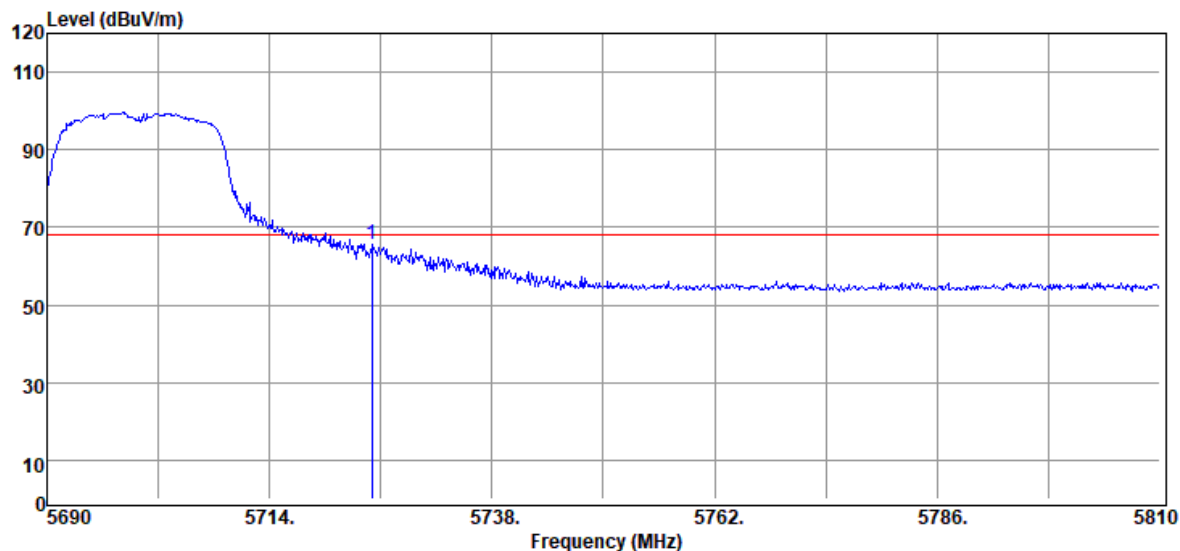
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 3  
 Test Channel :5700 MHz  
 Test Mode :BE CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-10-25  
 Temp./Humi. :22.4/63  
 Antenna Pol. :HORIZONTAL  
 Engineer :Enzo



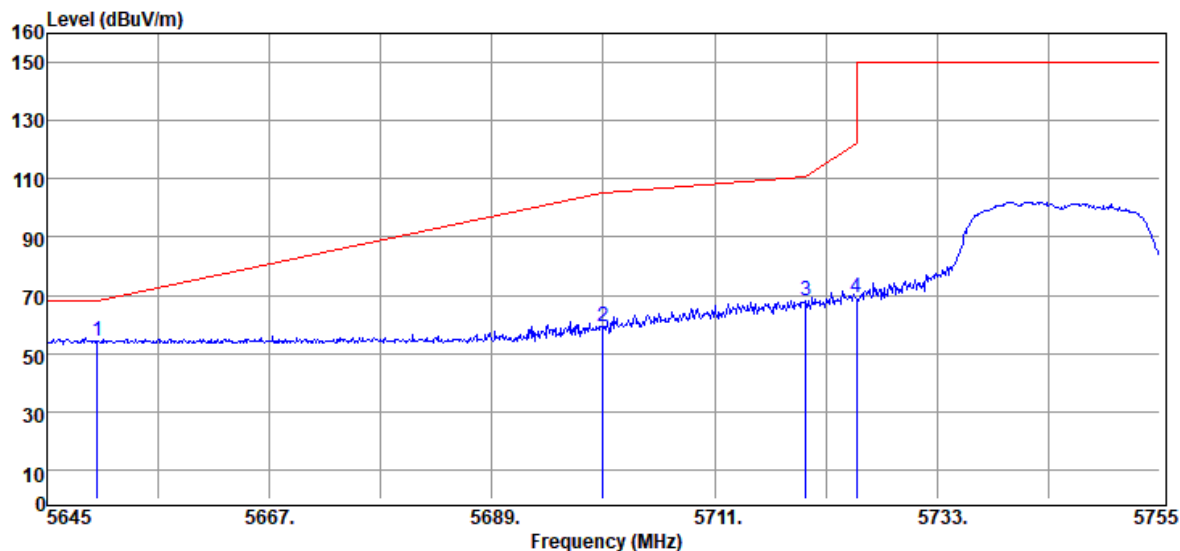
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.00	Peak	63.43	2.09	65.52	68.20	-2.68

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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 4  
 Test Channel :5745 MHz  
 Test Mode :BE CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-10-25  
 Temp./Humi. :22.4/63  
 Antenna Pol. :VERTICAL  
 Engineer :Enzo



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	52.17	2.06	54.23	68.20	-13.97
5700.00	Peak	57.02	2.23	59.25	105.20	-45.95
5720.00	Peak	66.08	2.13	68.21	110.80	-42.59
5725.00	Peak	67.35	2.09	69.44	122.20	-52.76

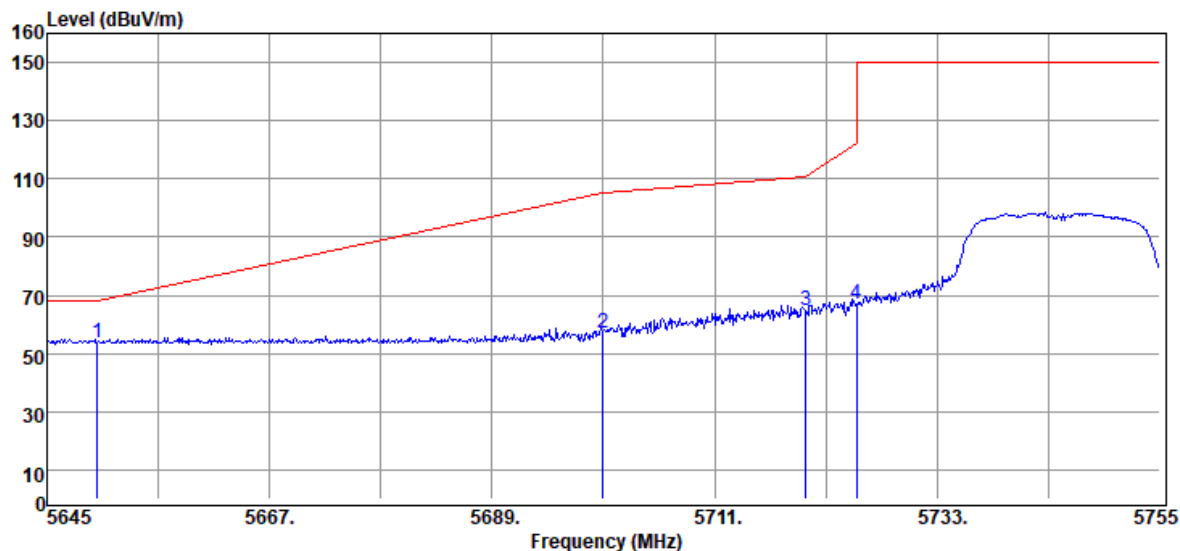
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 4  
 Test Channel :5745 MHz  
 Test Mode :BE CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-10-25  
 Temp./Humi. :22.4/63  
 Antenna Pol. :HORIZONTAL  
 Engineer :Enzo



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	51.86	2.06	53.92	68.20	-14.28
5700.00	Peak	54.98	2.23	57.21	105.20	-47.99
5720.00	Peak	62.40	2.13	64.53	110.80	-46.27
5725.00	Peak	64.67	2.09	66.76	122.20	-55.44

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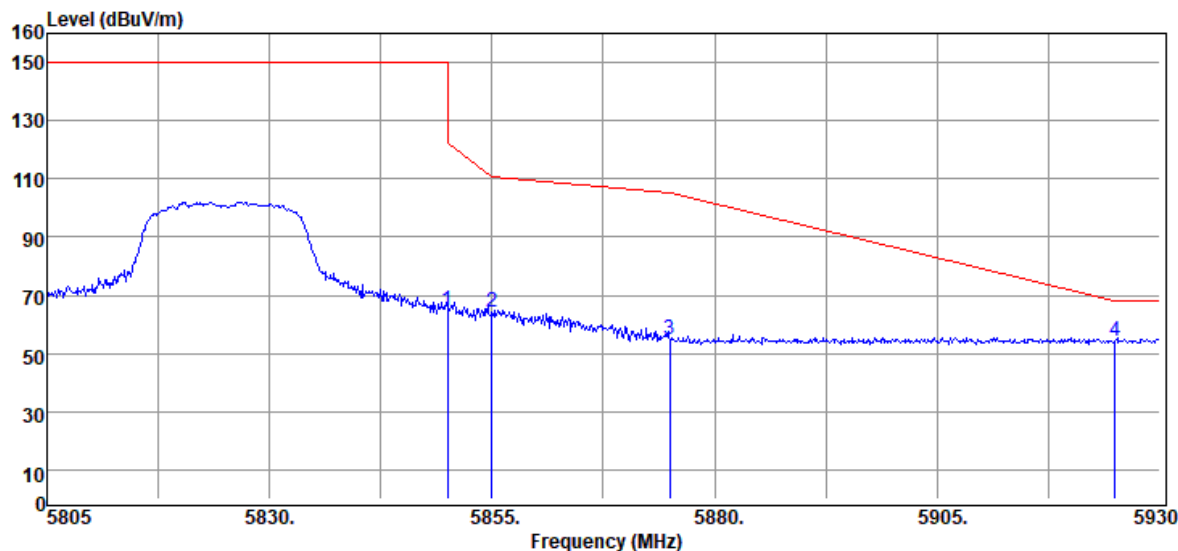
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 4  
 Test Channel :5825 MHz  
 Test Mode :BE CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-10-25  
 Temp./Humi. :22.4/63  
 Antenna Pol. :VERTICAL  
 Engineer :Enzo



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	63.01	1.69	64.70	122.20	-57.50
5855.00	Peak	62.59	1.69	64.28	110.80	-46.52
5875.00	Peak	53.25	1.70	54.95	105.20	-50.25
5925.00	Peak	52.13	1.96	54.09	68.20	-14.11

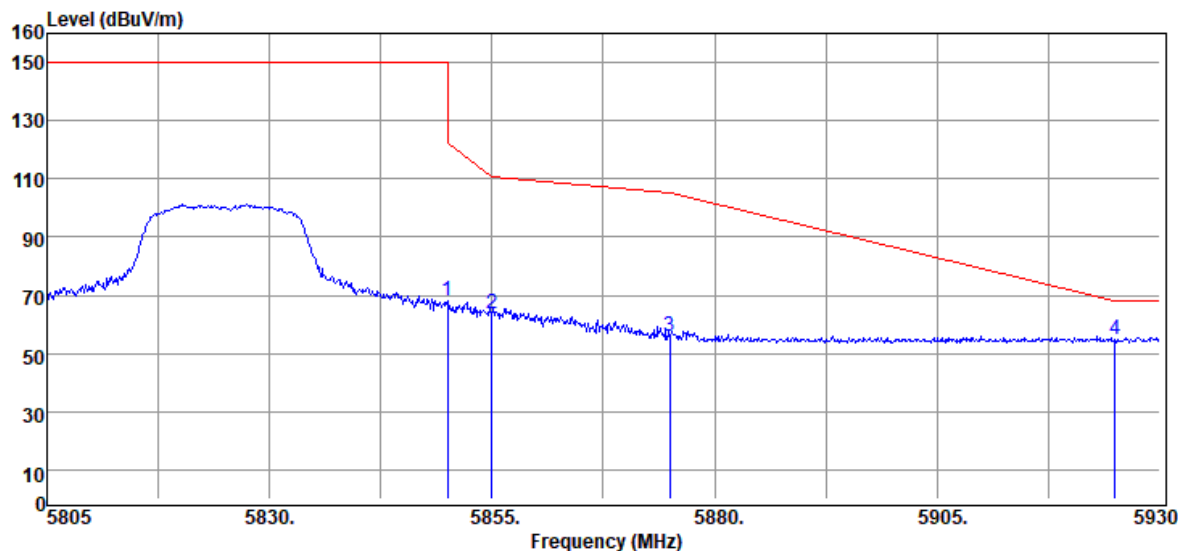
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Report Number :E2/2019/90023  
 Operation Mode :802.11n20 / Band 4  
 Test Channel :5825 MHz  
 Test Mode :BE CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-10-25  
 Temp./Humi. :22.4/63  
 Antenna Pol. :HORIZONTAL  
 Engineer :Enzo



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	66.26	1.69	67.95	122.20	-54.25
5855.00	Peak	61.79	1.69	63.48	110.80	-47.32
5875.00	Peak	54.46	1.70	56.16	105.20	-49.04
5925.00	Peak	52.86	1.96	54.82	68.20	-13.38

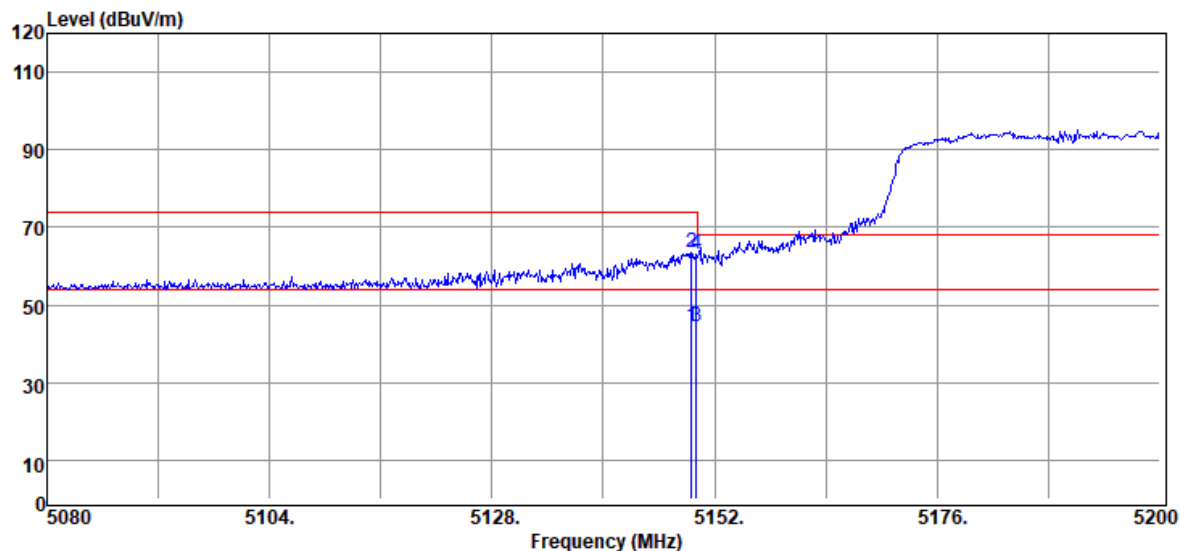
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 1  
 Test Channel :5190 MHz  
 Test Mode :BE CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-10-25  
 Temp./Humi. :22.4/63  
 Antenna Pol. :VERTICAL  
 Engineer :Enzo



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5149.48	Average	42.87	1.71	44.58	54.00	-9.42
5149.48	Peak	61.66	1.71	63.37	74.00	-10.63
5150.00	Average	42.91	1.71	44.62	54.00	-9.38
5150.00	Peak	61.60	1.71	63.31	74.00	-10.69

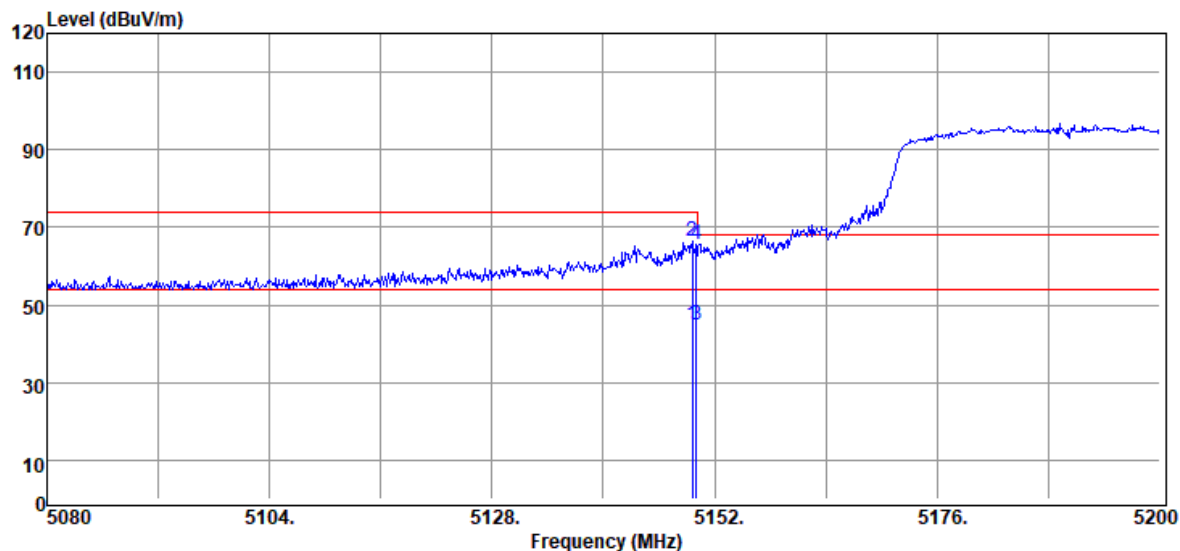
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 1  
 Test Channel :5190 MHz  
 Test Mode :BE CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-10-25  
 Temp./Humi. :22.4/63  
 Antenna Pol. :HORIZONTAL  
 Engineer :Enzo



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5149.60	Average	43.29	1.71	45.00	54.00	-9.00
5149.60	Peak	64.92	1.71	66.63	74.00	-7.37
5150.00	Average	43.31	1.71	45.02	54.00	-8.98
5150.00	Peak	63.75	1.71	65.46	74.00	-8.54

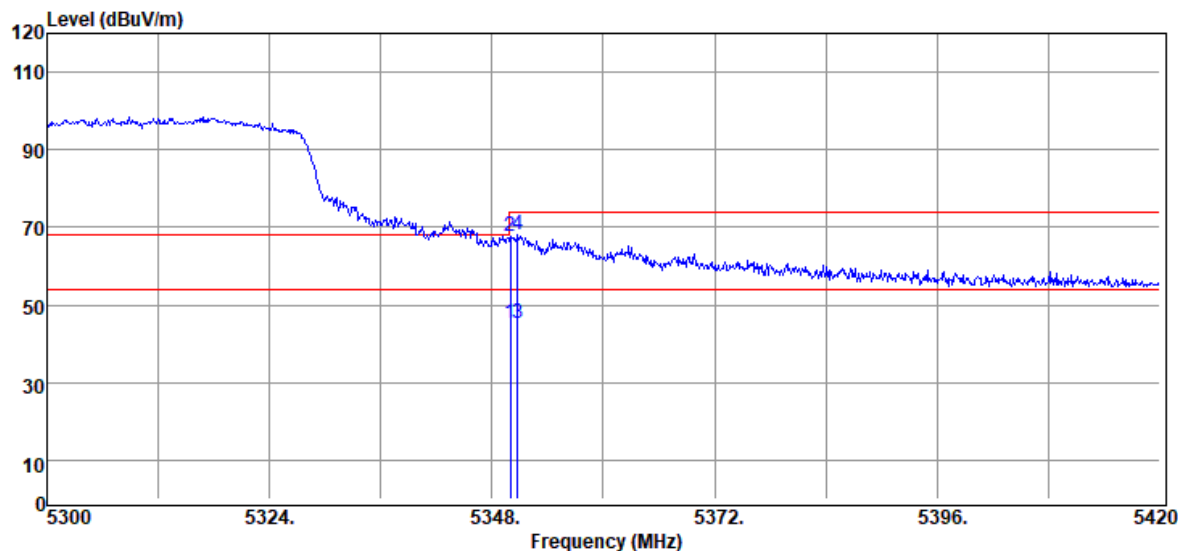
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 2  
 Test Channel :5310 MHz  
 Test Mode :BE CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-10-25  
 Temp./Humi. :22.4/63  
 Antenna Pol. :VERTICAL  
 Engineer :Enzo



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	43.34	2.07	45.41	54.00	-8.59
5350.00	Peak	65.56	2.07	67.63	74.00	-6.37
5350.76	Average	43.38	2.07	45.45	54.00	-8.55
5350.76	Peak	65.92	2.07	67.99	74.00	-6.01

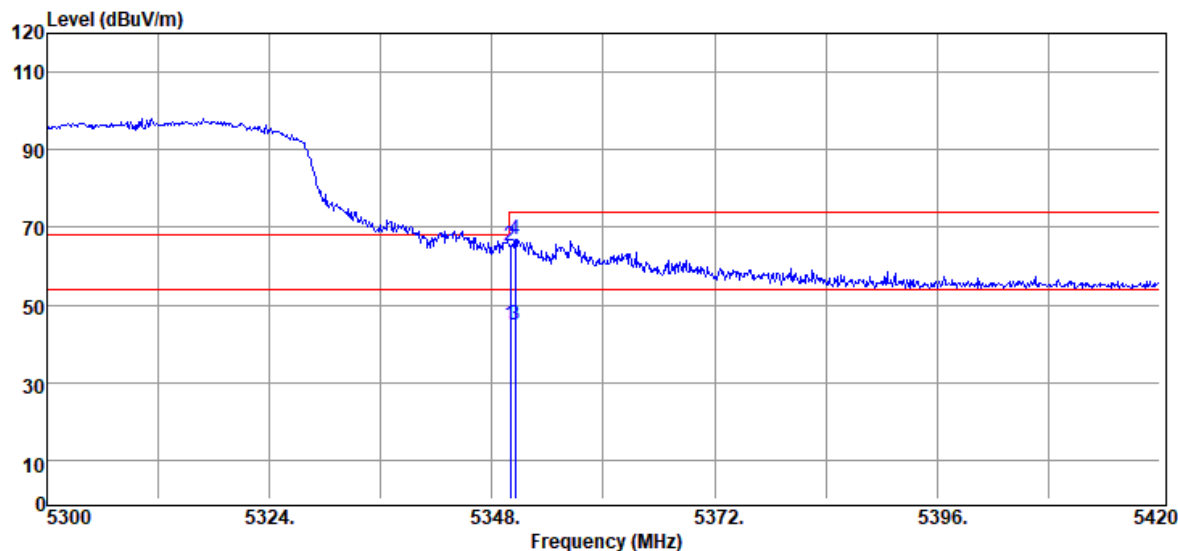
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Report Number :E2/2019/90023  
Operation Mode :802.11n40 / Band 2  
Test Channel :5310 MHz  
Test Mode :BE CH HIGH  
EUT Pol :E2 Plan

Test Date :2019-10-25  
Temp./Humi. :22.4/63  
Antenna Pol. :HORIZONTAL  
Engineer :Enzo



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	42.87	2.07	44.94	54.00	-9.06
5350.00	Peak	63.02	2.07	65.09	74.00	-8.91
5350.52	Average	42.95	2.07	45.02	54.00	-8.98
5350.52	Peak	64.98	2.07	67.05	74.00	-6.95

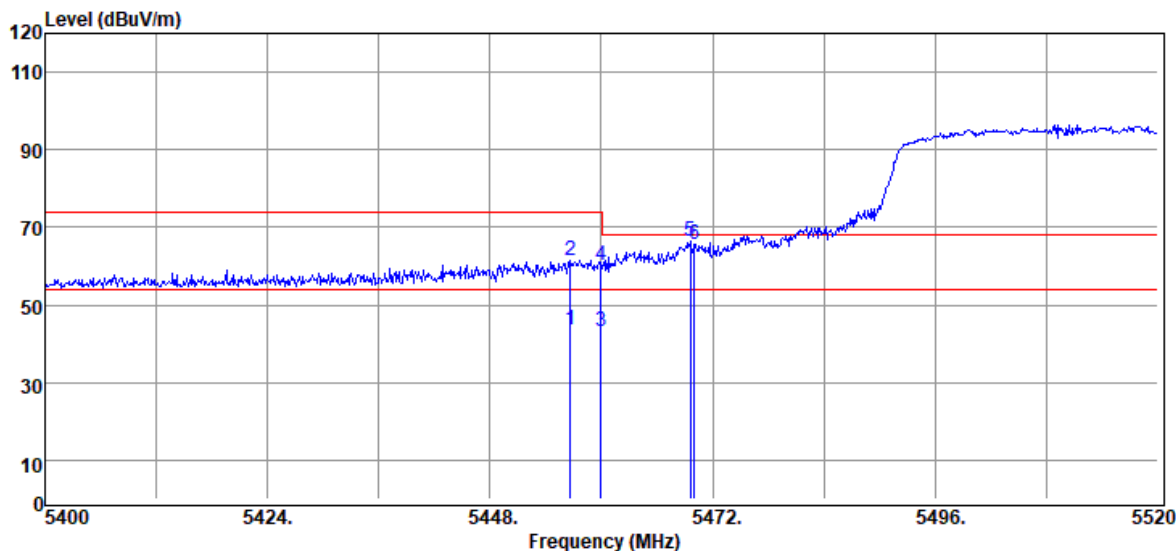
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 3  
 Test Channel :5510 MHz  
 Test Mode :BE CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-10-25  
 Temp./Humi. :22.4/63  
 Antenna Pol. :VERTICAL  
 Engineer :Enzo



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5456.64	Average	41.71	2.04	43.75	54.00	-10.25
5456.64	Peak	59.56	2.04	61.60	74.00	-12.40
5460.00	Average	41.36	2.02	43.38	54.00	-10.62
5460.00	Peak	57.99	2.02	60.01	74.00	-13.99
5469.60	Peak	64.51	1.99	66.50	68.20	-1.70
5470.00	Peak	63.47	1.99	65.46	68.20	-2.74

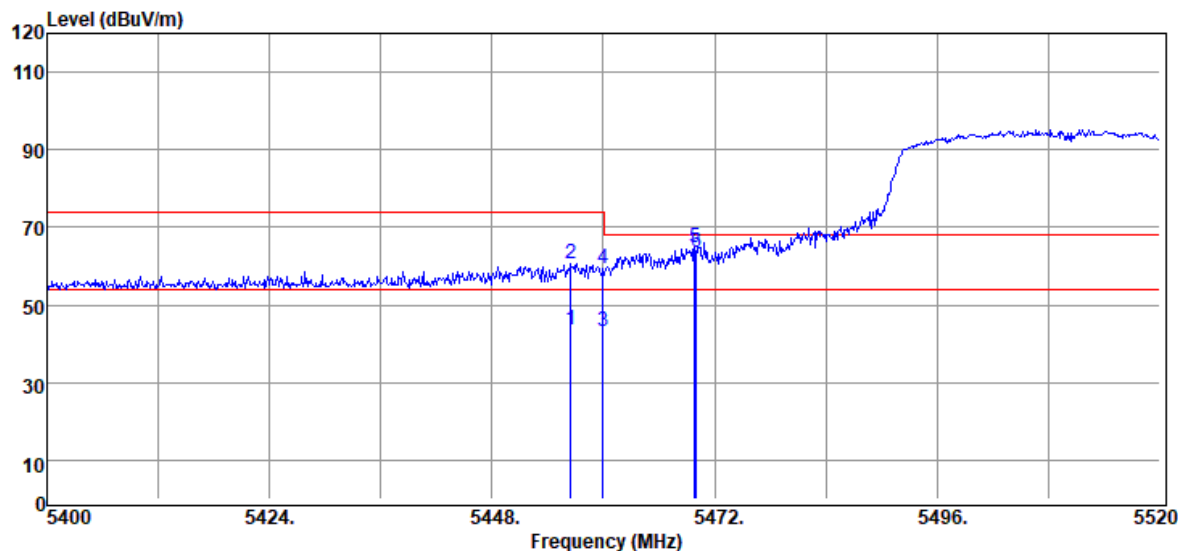
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 3  
 Test Channel :5510 MHz  
 Test Mode :BE CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-10-25  
 Temp./Humi. :22.4/63  
 Antenna Pol. :HORIZONTAL  
 Engineer :Enzo



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5456.52	Average	41.47	2.04	43.51	54.00	-10.49
5456.52	Peak	58.79	2.04	60.83	74.00	-13.17
5460.00	Average	41.35	2.02	43.37	54.00	-10.63
5460.00	Peak	57.48	2.02	59.50	74.00	-14.50
5469.84	Peak	62.74	1.99	64.73	68.20	-3.47
5470.00	Peak	61.71	1.99	63.70	68.20	-4.50

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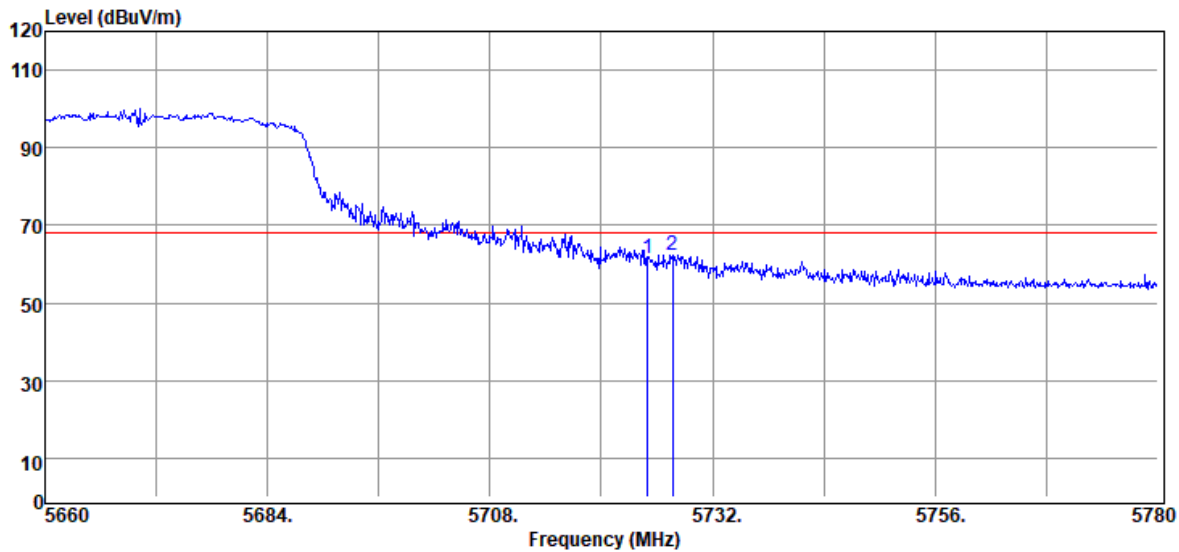
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 3  
 Test Channel :5670 MHz  
 Test Mode :BE CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-10-25  
 Temp./Humi. :22.4/63  
 Antenna Pol. :VERTICAL  
 Engineer :Enzo



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	59.17	2.09	61.26	68.20	-6.94
5727.68	Peak	60.35	2.07	62.42	68.20	-5.78

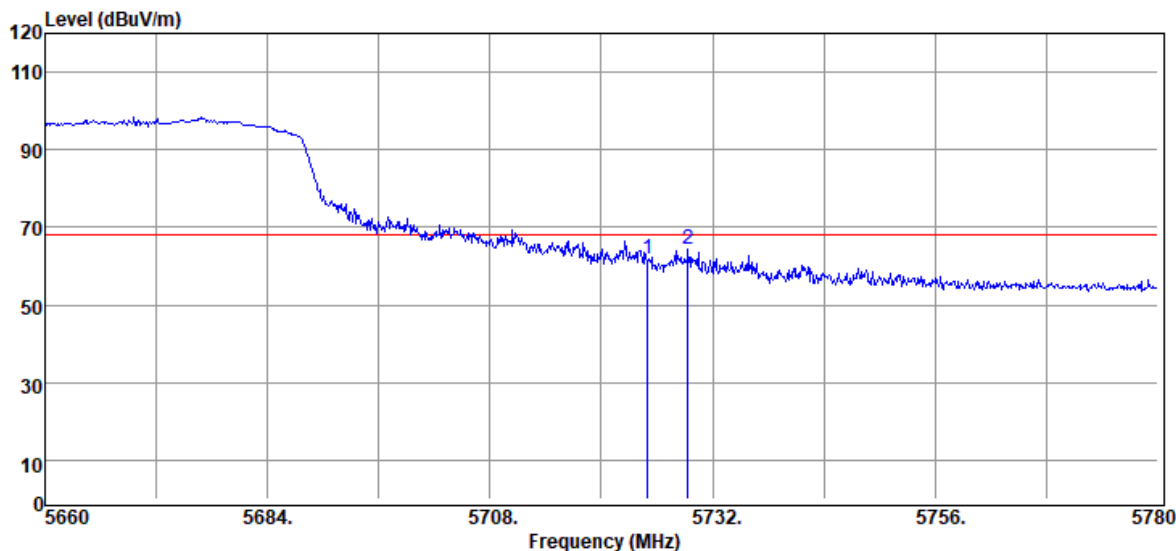
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 3  
 Test Channel :5670 MHz  
 Test Mode :BE CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-10-25  
 Temp./Humi. :22.4/63  
 Antenna Pol. :HORIZONTAL  
 Engineer :Enzo



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	59.87	2.09	61.96	68.20	-6.24
5729.36	Peak	62.20	2.07	64.27	68.20	-3.93

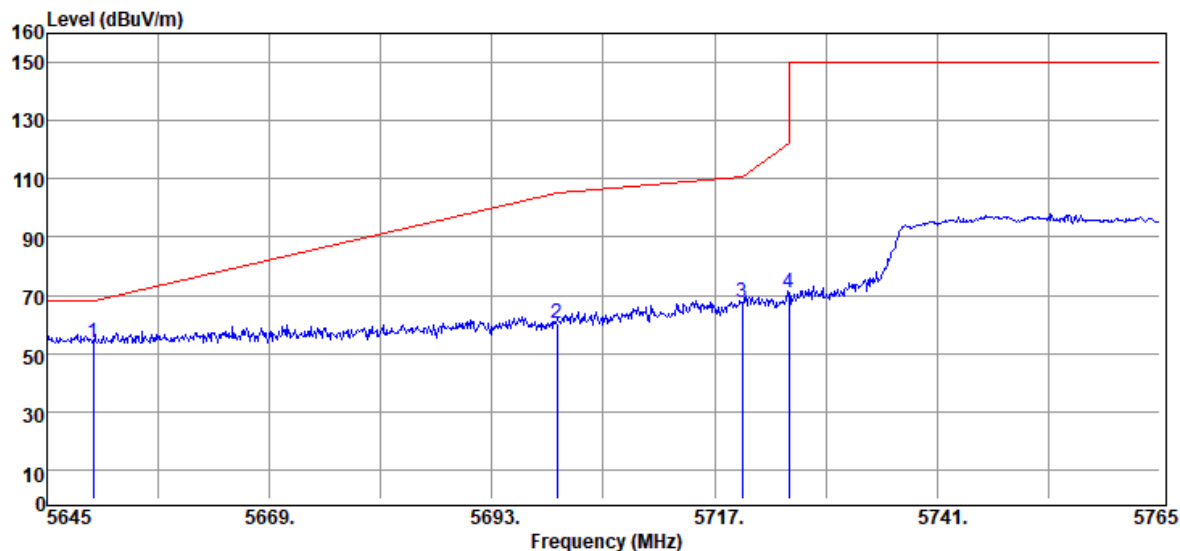
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Report Number :E2/2019/90023  
Operation Mode :802.11n40 / Band 4  
Test Channel :5755 MHz  
Test Mode :BE CH LOW  
EUT Pol :E2 Plan

Test Date :2019-10-25  
Temp./Humi. :22.4/63  
Antenna Pol. :VERTICAL  
Engineer :Enzo



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	51.84	2.06	53.90	68.20	-14.30
5700.00	Peak	58.28	2.23	60.51	105.20	-44.69
5720.00	Peak	65.42	2.13	67.55	110.80	-43.25
5725.00	Peak	68.68	2.09	70.77	122.20	-51.43

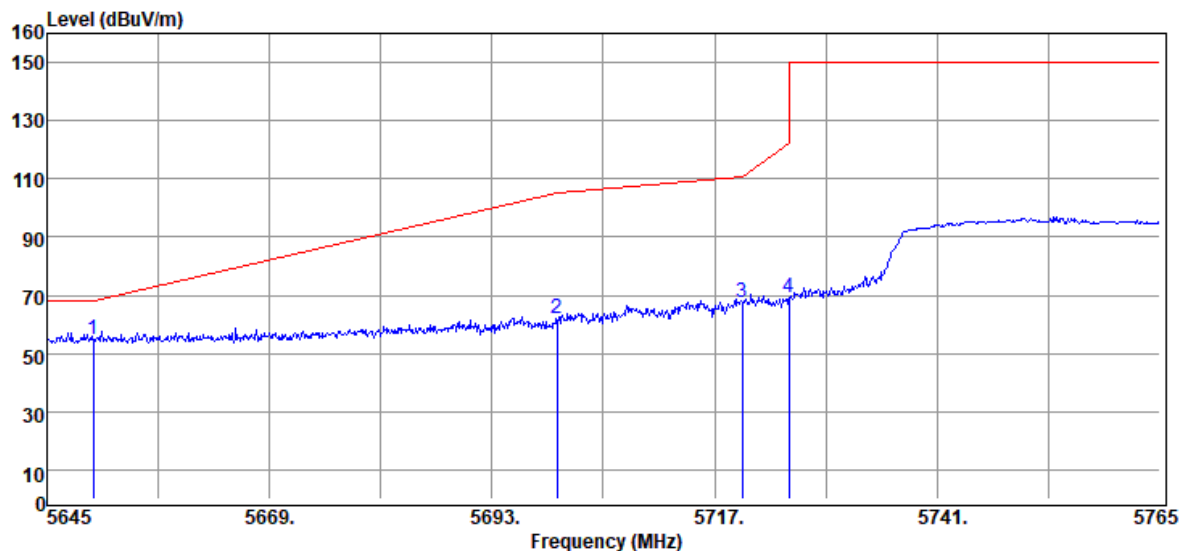
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 4  
 Test Channel :5755 MHz  
 Test Mode :BE CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-10-25  
 Temp./Humi. :22.4/63  
 Antenna Pol. :HORIZONTAL  
 Engineer :Enzo



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	52.85	2.06	54.91	68.20	-13.29
5700.00	Peak	59.60	2.23	61.83	105.20	-43.37
5720.00	Peak	65.26	2.13	67.39	110.80	-43.41
5725.00	Peak	66.85	2.09	68.94	122.20	-53.26

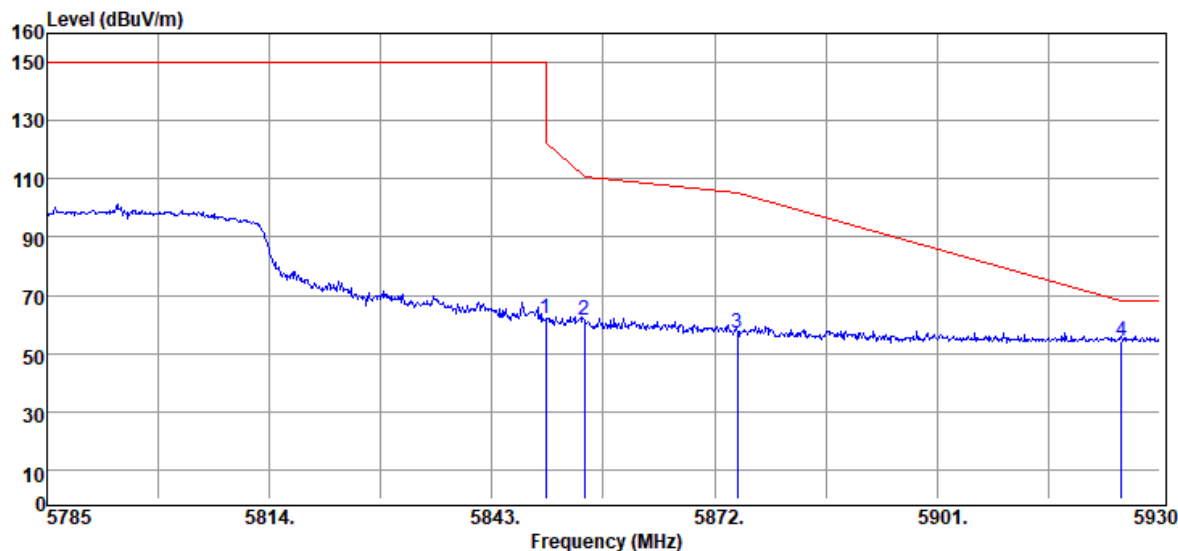
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 4  
 Test Channel :5795 MHz  
 Test Mode :BE CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-10-25  
 Temp./Humi. :22.4/63  
 Antenna Pol. :VERTICAL  
 Engineer :Enzo



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	60.33	1.69	62.02	122.20	-60.18
5855.00	Peak	59.74	1.69	61.43	110.80	-49.37
5875.00	Peak	55.55	1.70	57.25	105.20	-47.95
5925.00	Peak	52.48	1.96	54.44	68.20	-13.76

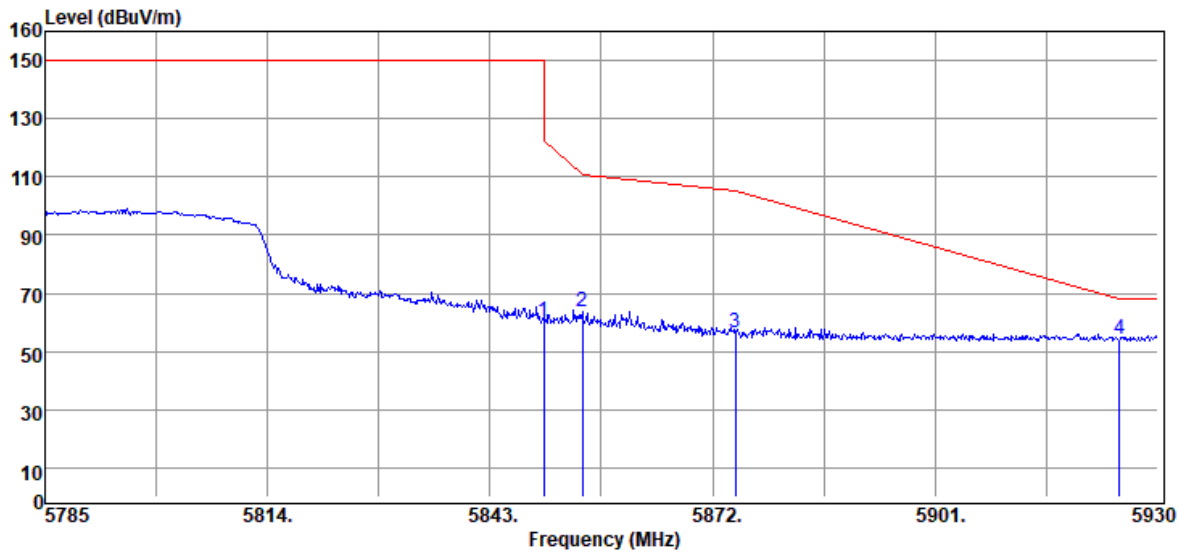
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Report Number :E2/2019/90023  
 Operation Mode :802.11n40 / Band 4  
 Test Channel :5795 MHz  
 Test Mode :BE CH HIGH  
 EUT Pol :E2 Plan

Test Date :2019-10-25  
 Temp./Humi. :22.4/63  
 Antenna Pol. :HORIZONTAL  
 Engineer :Enzo



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	58.83	1.69	60.52	122.20	-61.68
5855.00	Peak	61.85	1.69	63.54	110.80	-47.26
5875.00	Peak	54.83	1.70	56.53	105.20	-48.67
5925.00	Peak	52.16	1.96	54.12	68.20	-14.08

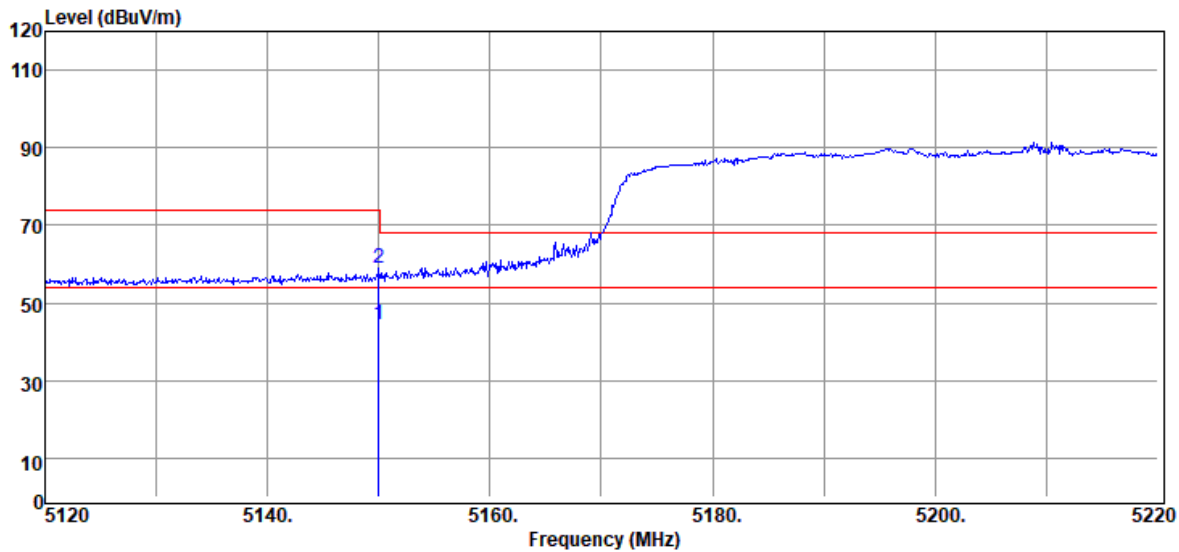
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Report Number :E2/2019/90023  
 Operation Mode :802.11ac80 / Band 1  
 Test Channel :5210 MHz  
 Test Mode :BE CH LOW  
 EUT Pol :E2 Plan

Test Date :2019-10-25  
 Temp./Humi. :22.4/63  
 Antenna Pol. :VERTICAL  
 Engineer :Enzo



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	42.80	1.71	44.51	54.00	-9.49
5150.00	Peak	57.26	1.71	58.97	74.00	-15.03

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Report Number :E2/2019/90023

Test Date :2019-10-25

Operation Mode :802.11ac80 / Band 1

Temp./Humi. :22.4/63

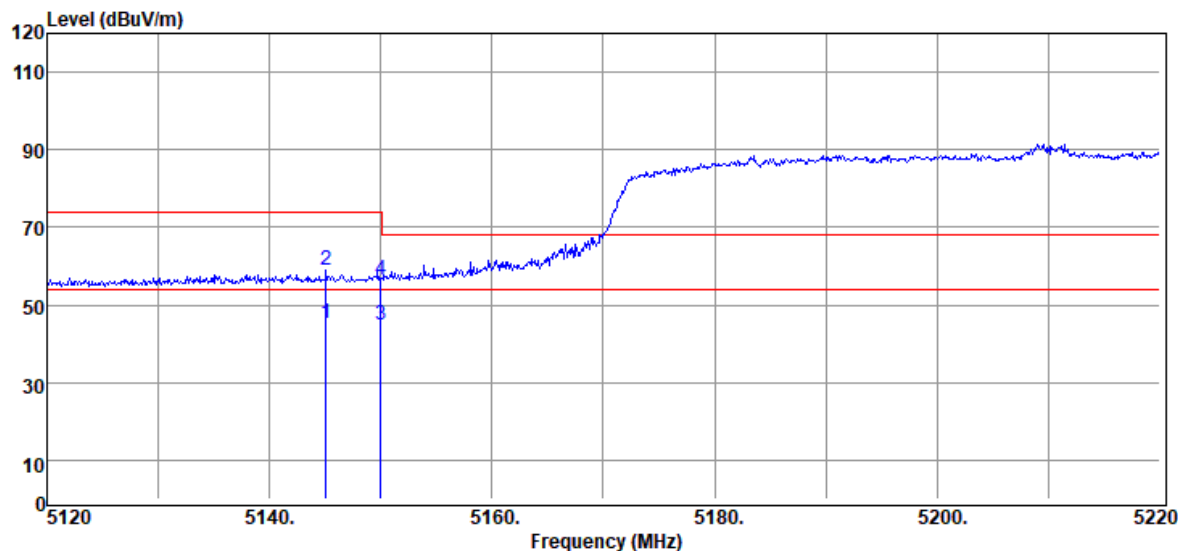
Test Channel :5210 MHz

Antenna Pol. :HORIZONTAL

Test Mode :BE CH LOW

Engineer :Enzo

EUT Pol :E2 Plan



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5145.10	Average	43.47	1.70	45.17	54.00	-8.83
5145.10	Peak	57.27	1.70	58.97	74.00	-15.03
5150.00	Average	43.32	1.71	45.03	54.00	-8.97
5150.00	Peak	54.93	1.71	56.64	74.00	-17.36

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Report Number :E2/2019/90023

Test Date :2019-10-25

Operation Mode :802.11ac80 / Band 2

Temp./Humi. :22.4/63

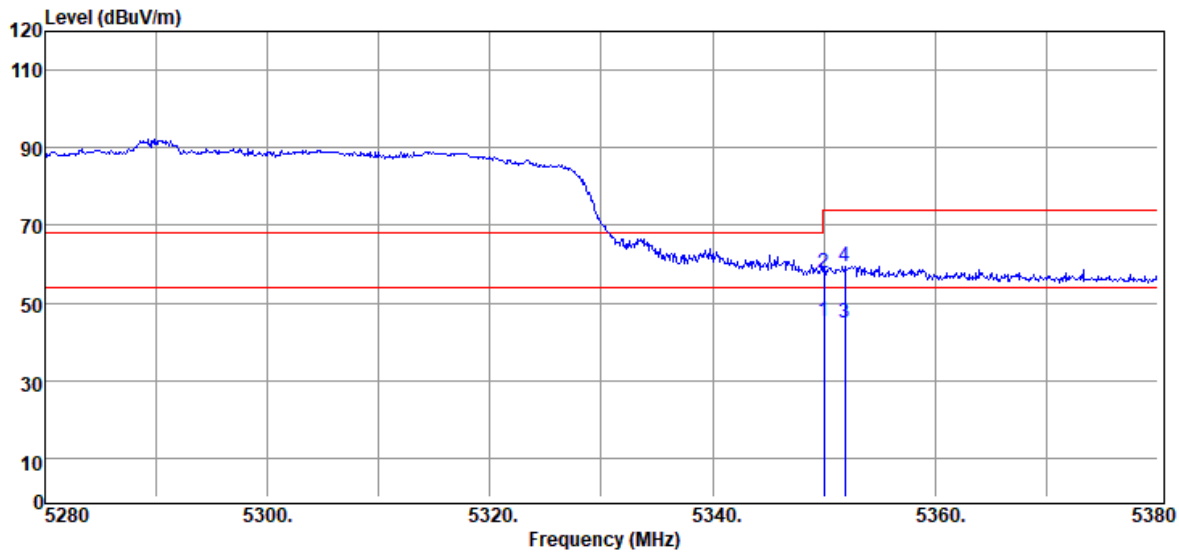
Test Channel :5290 MHz

Antenna Pol. :HORIZONTAL

Test Mode :BE CH HIGH

Engineer :Enzo

EUT Pol :E2 Plan



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	43.31	2.07	45.38	54.00	-8.62
5350.00	Peak	55.84	2.07	57.91	74.00	-16.09
5351.90	Average	42.72	2.07	44.79	54.00	-9.21
5351.90	Peak	57.49	2.07	59.56	74.00	-14.44

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Report Number :E2/2019/90023

Test Date :2019-10-25

Operation Mode :802.11ac80 / Band 2

Temp./Humi. :22.4/63

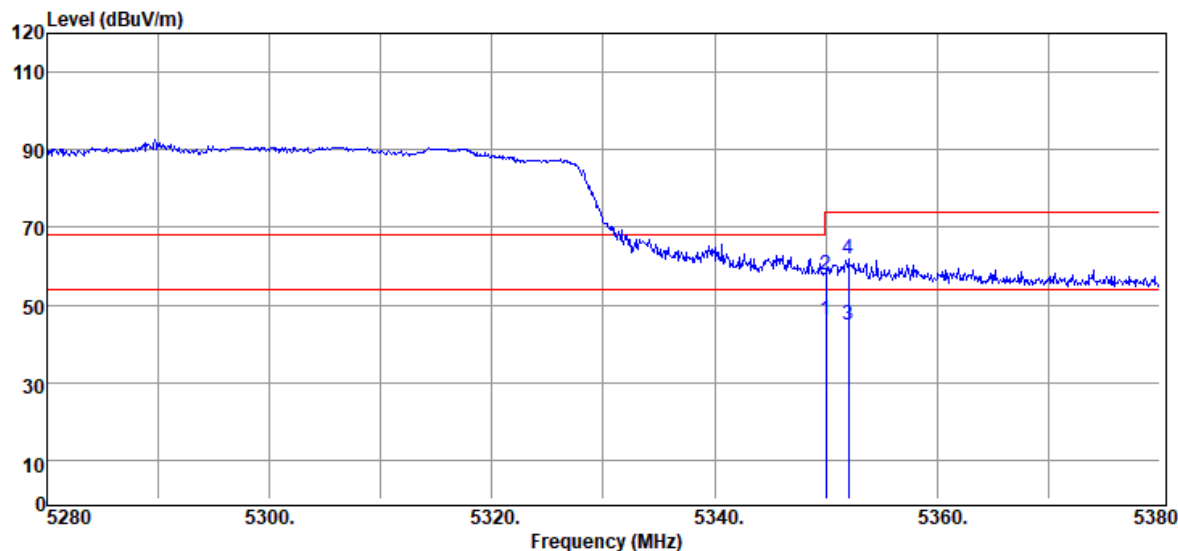
Test Channel :5290 MHz

Antenna Pol. :VERTICAL

Test Mode :BE CH HIGH

Engineer :Enzo

EUT Pol :E2 Plan



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	43.91	2.07	45.98	54.00	-8.02
5350.00	Peak	55.81	2.07	57.88	74.00	-16.12
5352.00	Average	42.65	2.07	44.72	54.00	-9.28
5352.00	Peak	59.66	2.07	61.73	74.00	-12.27

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Report Number :E2/2019/90023

Test Date :2019-10-25

Operation Mode :802.11ac80 / Band 3

Temp./Humi. :22.4/63

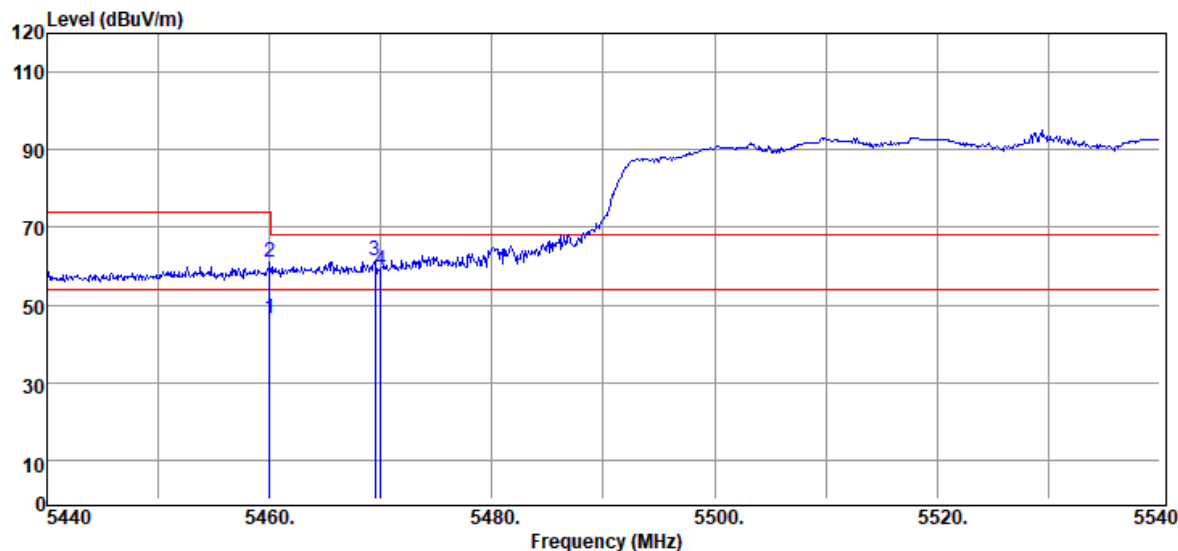
Test Channel :5530 MHz

Antenna Pol. :VERTICAL

Test Mode :BE CH LOW

Engineer :Enzo

EUT Pol :E2 Plan



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	44.63	2.02	46.65	54.00	-7.35
5460.00	Peak	58.93	2.02	60.95	74.00	-13.05
5469.50	Peak	59.30	1.99	61.29	68.20	-6.91
5470.00	Peak	57.06	1.99	59.05	68.20	-9.15

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Report Number :E2/2019/90023

Test Date :2019-10-25

Operation Mode :802.11ac80 / Band 3

Temp./Humi. :22.4/63

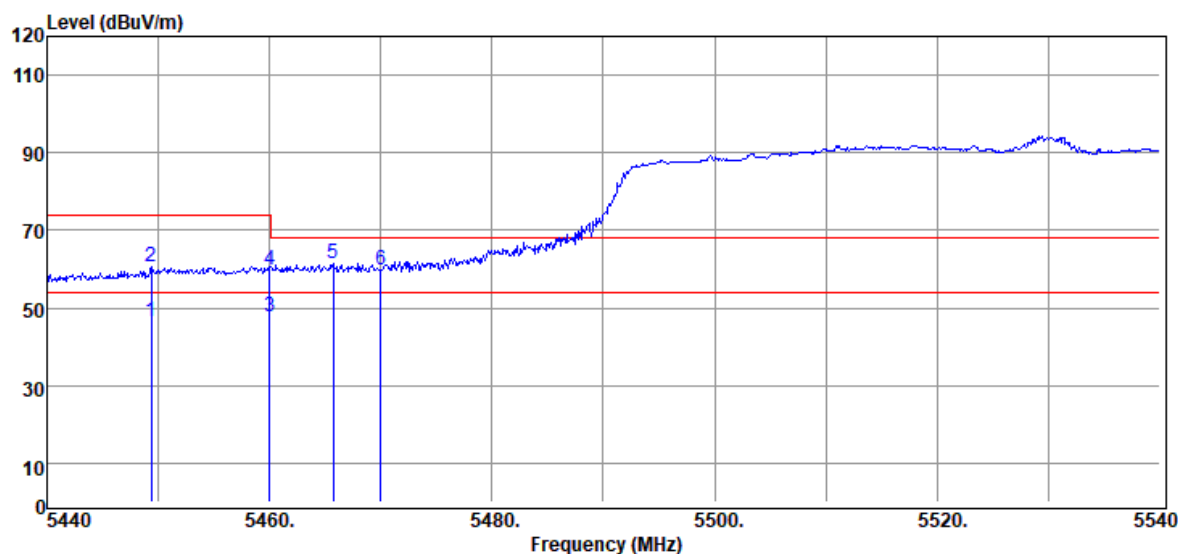
Test Channel :5530 MHz

Antenna Pol. :HORIZONTAL

Test Mode :BE CH LOW

Engineer :Enzo

EUT Pol :E2 Plan



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5449.40	Average	44.32	2.08	46.40	54.00	-7.60
5449.40	Peak	58.51	2.08	60.59	74.00	-13.41
5460.00	Average	45.77	2.02	47.79	54.00	-6.21
5460.00	Peak	57.95	2.02	59.97	74.00	-14.03
5465.70	Peak	59.40	2.01	61.41	68.20	-6.79
5470.00	Peak	57.69	1.99	59.68	68.20	-8.52

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Report Number :E2/2019/90023

Test Date :2019-10-25

Operation Mode :802.11ac80 / Band 4

Temp./Humi. :22.4/63

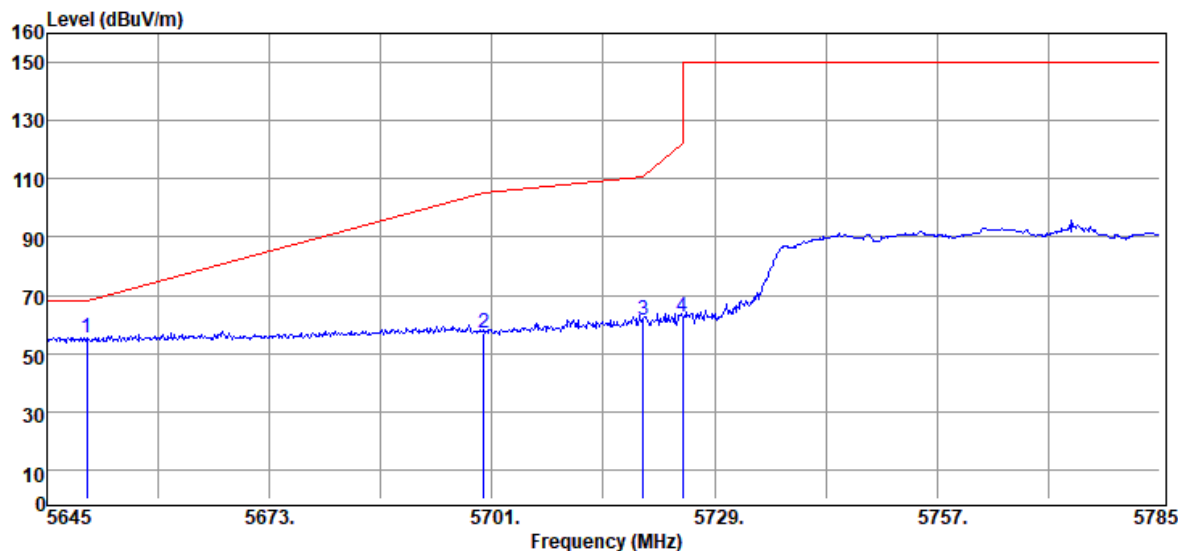
Test Channel :5775 MHz

Antenna Pol. :VERTICAL

Test Mode :BE CH LOW

Engineer :Enzo

EUT Pol :E2 Plan



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	53.04	2.06	55.10	68.20	-13.10
5700.00	Peak	54.98	2.23	57.21	105.20	-47.99
5720.00	Peak	59.39	2.13	61.52	110.80	-49.28
5725.00	Peak	60.25	2.09	62.34	122.20	-59.86

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Report Number :E2/2019/90023

Operation Mode :802.11ac80 / Band 4

Test Channel :5775 MHz

Test Mode :BE CH LOW

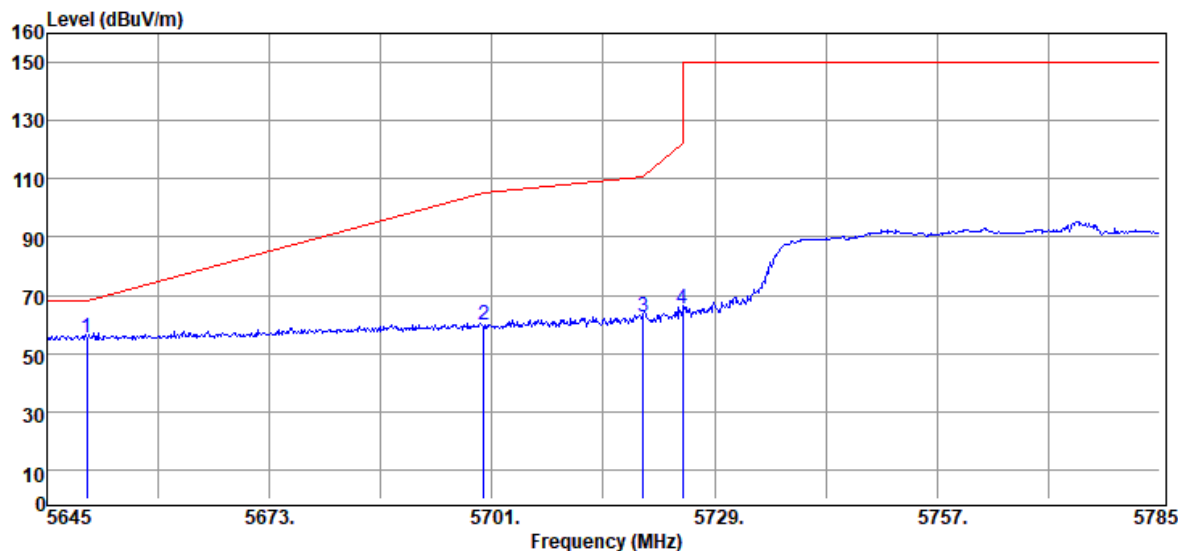
EUT Pol :E2 Plan

Test Date :2019-10-25

Temp./Humi. :22.4/63

Antenna Pol. :HORIZONTAL

Engineer :Enzo



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	53.09	2.06	55.15	68.20	-13.05
5700.00	Peak	57.82	2.23	60.05	105.20	-45.15
5720.00	Peak	60.31	2.13	62.44	110.80	-48.36
5725.00	Peak	63.46	2.09	65.55	122.20	-56.65

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Report Number :E2/2019/90023

Test Date :2019-10-25

Operation Mode :802.11ac80 / Band 4

Temp./Humi. :22.4/63

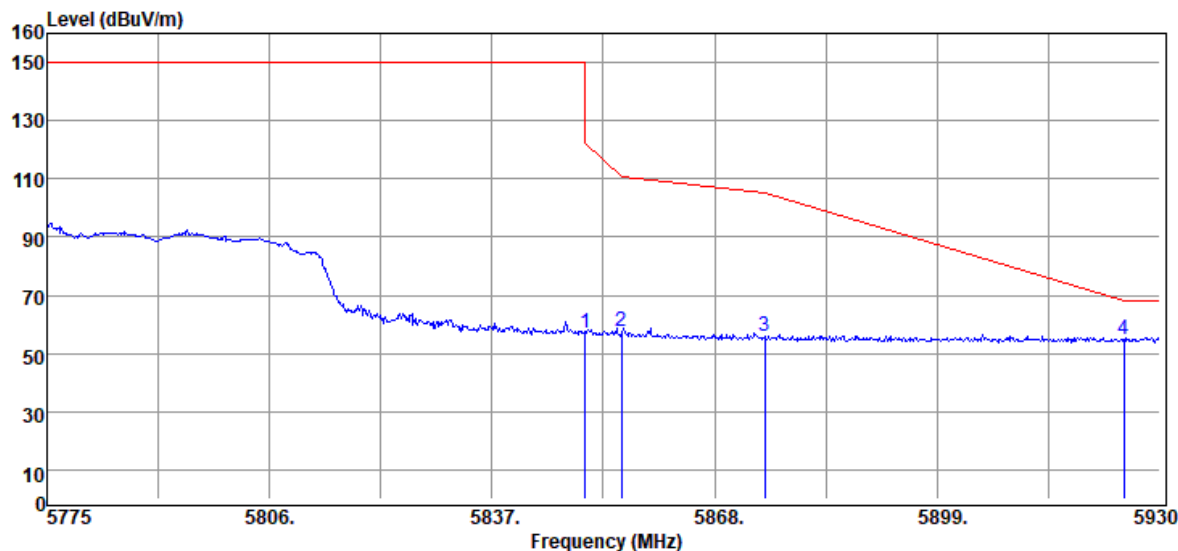
Test Channel :5775 MHz

Antenna Pol. :VERTICAL

Test Mode :BE CH HIGH

Engineer :Enzo

EUT Pol :E2 Plan



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	55.14	1.69	56.83	122.20	-65.37
5855.00	Peak	55.93	1.69	57.62	110.80	-53.18
5875.00	Peak	54.47	1.70	56.17	105.20	-49.03
5925.00	Peak	52.64	1.96	54.60	68.20	-13.60

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Report Number :E2/2019/90023

Operation Mode :802.11ac80 / Band 4

Test Channel :5775 MHz

Test Mode :BE CH HIGH

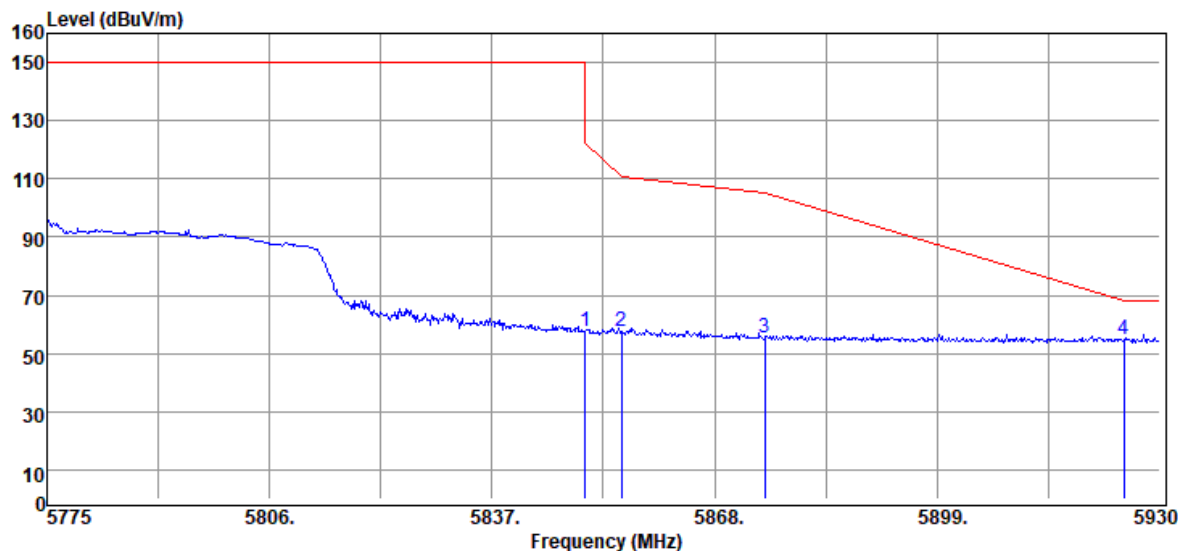
EUT Pol :E2 Plan

Test Date :2019-10-25

Temp./Humi. :22.4/63

Antenna Pol. :HORIZONTAL

Engineer :Enzo



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	56.07	1.69	57.76	122.20	-64.44
5855.00	Peak	55.86	1.69	57.55	110.80	-53.25
5875.00	Peak	53.62	1.70	55.32	105.20	-49.88
5925.00	Peak	52.96	1.96	54.92	68.20	-13.28

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## 12 TRANSMISSION IN THE ABSENCE OF DATA

### 12.1 Standard Applicable

According to §15.407(c)

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

### 12.2 Result

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

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## 13 FREQUENCY STABILITY

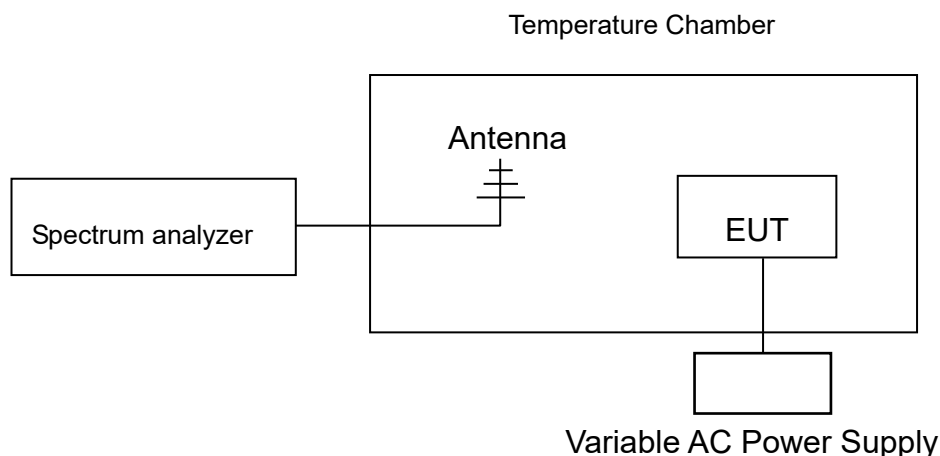
### 13.1 Standard Applicable

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 Block	PASTERNAK	PE8210	RF32	11/20/2019	11/19/2020
Spectrum Analyzer	Agilent	N9010A	MY57120200	03/06/2019	03/05/2020
Temperature Chamber	TERCHY	MHK-120LK	1020582	07/09/2019	07/08/2020
Attenuator	Marvelous	MVE2213-10	RF31	11/20/2019	11/19/2020

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### 13.5 Measurement Result

#### Start up

Operation Mode	802.11 a	Test Date	20200106
Temperature	: 22.1°C	Test By	Henry
Humidity	: 68%		

Test Temp.(°C)	Test Voltage(V)	Channel	Measured Frequency (MHz)	Spectrum Frequency (MHz)	ΔFrequency (MHz)
0	4.416	36	5180	5,179.96115	0.00000750
	3.264	36	5180	5,179.96151	0.00000743
25	3.84	36	5180	5,179.96200	0.00000734
40	4.416	36	5180	5,179.96137	0.00000746
	3.264	36	5180	5,179.96138	0.00000746

#### 2 minutes

Operation Mode	802.11 a	Test Date	20200106
Temperature	: 22.1°C	Test By	Henry
Humidity	: 68%		

Test Temp.(°C)	Test Voltage(V)	Channel	Measured Frequency (MHz)	Spectrum Frequency (MHz)	ΔFrequency (MHz)
0	4.416	36	5180	5,179.96132	0.00000747
	3.264	36	5180	5,179.96140	0.00000745
25	3.84	36	5180	5,179.96128	0.00000747
40	4.416	36	5180	5,179.96194	0.00000735
	3.264	36	5180	5,179.96150	0.00000743

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## 5 minutes

Operation Mode	802.11 a	Test Date	20200106
Temperature	: 22.1°C	Test By	Henry
Humidity	: 68%		

Test Temp.(°C)	Test Voltage(V)	Channel	Measured Frequency (MHz)	Spectrum Frequency (MHz)	ΔFrequency (MHz)
0	4.416	36	5180	5,179.96144	0.00000744
	3.264	36	5180	5,179.96171	0.00000739
25	3.84	36	5180	5,179.96180	0.00000737
40	4.416	36	5180	5,179.96119	0.00000749
	3.264	36	5180	5,179.96120	0.00000749

## 10 minutes

Operation Mode	802.11 a	Test Date	20200106
Temperature	: 22.1°C	Test By	Henry
Humidity	: 68%		

Test Temp.(°C)	Test Voltage(V)	Channel	Measured Frequency (MHz)	Spectrum Frequency (MHz)	ΔFrequency (MHz)
0	4.416	36	5180	5,179.96176	0.00000738
	3.264	36	5180	5,179.96173	0.00000739
25	3.84	36	5180	5,179.96173	0.00000739
40	4.416	36	5180	5,179.96181	0.00000737
	3.264	36	5180	5,179.96142	0.00000745

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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 as permanently attached and no consideration of replacement. Please see EUT photo for details.

*~ End of Report ~*

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