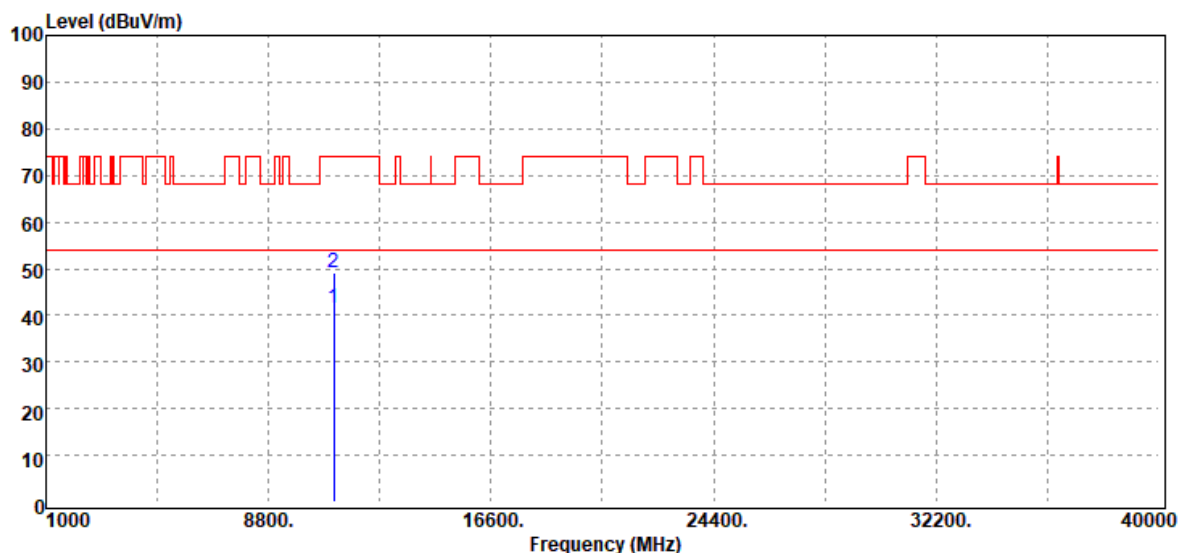


Project Number :T190506W05
Operation Band :802.11n40 / Band3
Fundamental Frequency :5550 MHz
Operation Mode :Tx CH Mid
EUT Pol. :E2 Plan

Test Date :2019-05-18
Temp./Humi. :21/52
Engineer :Kane
Measurement Antenna Pol. :VERTICAL



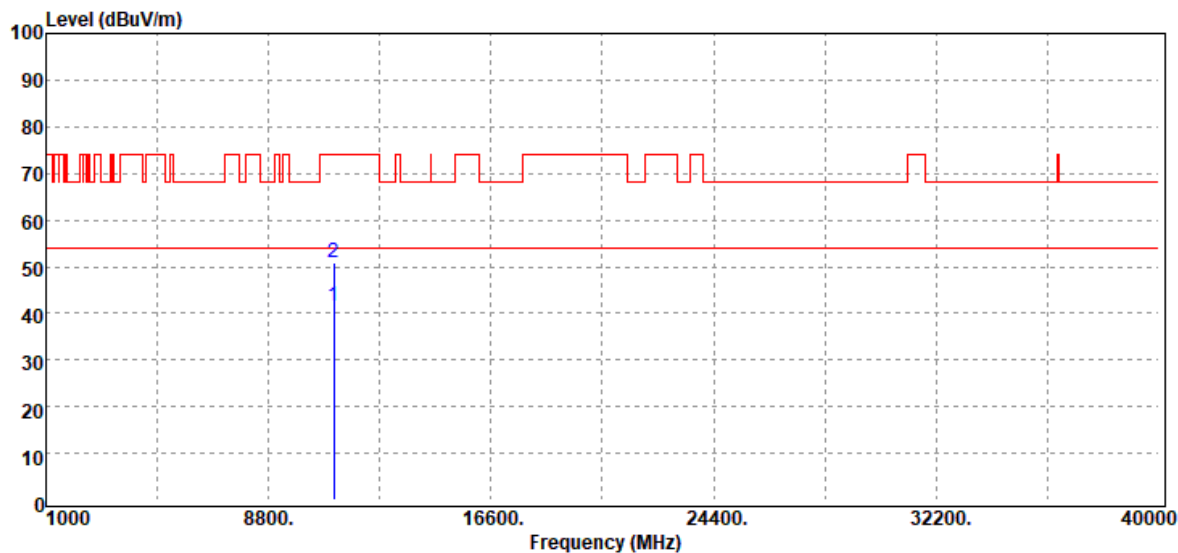
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
11100.00	Average	24.04	17.36	41.40	54.00	-12.60
11100.00	Peak	31.75	17.36	49.11	74.00	-24.89

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Project Number	:T190506W05	Test Date	:2019-05-18
Operation Band	:802.11n40 / Band3	Temp./Humi.	:21/52
Fundamental Frequency	:5550 MHz	Engineer	:Kane
Operation Mode	:Tx CH Mid	Measurement Antenna Pol.	:HORIZONTAL
EUT Pol.	:E2 Plan		



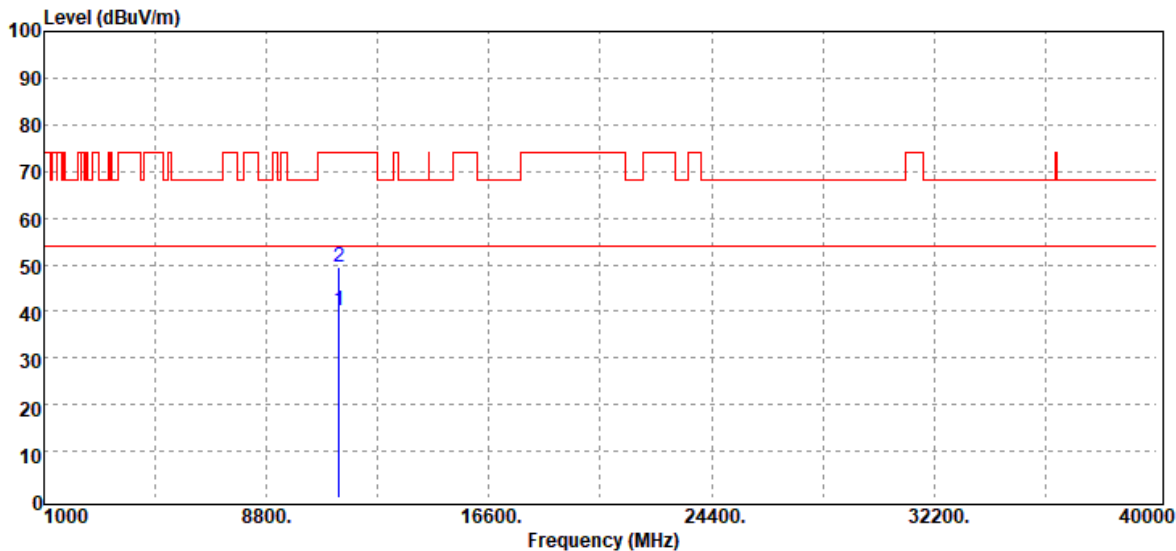
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11100.00	Average	24.00	17.36	41.36	54.00	-12.64
11100.00	Peak	33.39	17.36	50.75	74.00	-23.25

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Project Number	:T190506W05	Test Date	:2019-05-18
Operation Band	:802.11n40 / Band3	Temp./Humi.	:21/52
Fundamental Frequency	:5670 MHz	Engineer	:Kane
Operation Mode	:Tx CH High	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:E2 Plan		



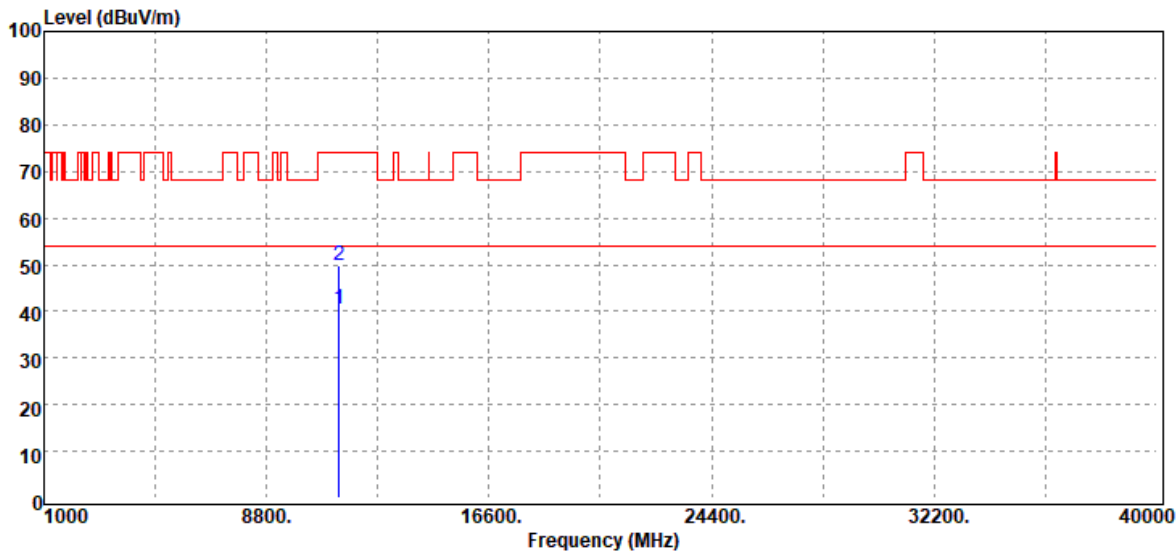
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11340.00	Average	23.97	16.32	40.29	54.00	-13.71
11340.00	Peak	33.13	16.32	49.45	74.00	-24.55

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Project Number	:T190506W05	Test Date	:2019-05-18
Operation Band	:802.11n40 / Band3	Temp./Humi.	:21/52
Fundamental Frequency	:5670 MHz	Engineer	:Kane
Operation Mode	:Tx CH High	Measurement Antenna Pol.	:HORIZONTAL
EUT Pol.	:E2 Plan		



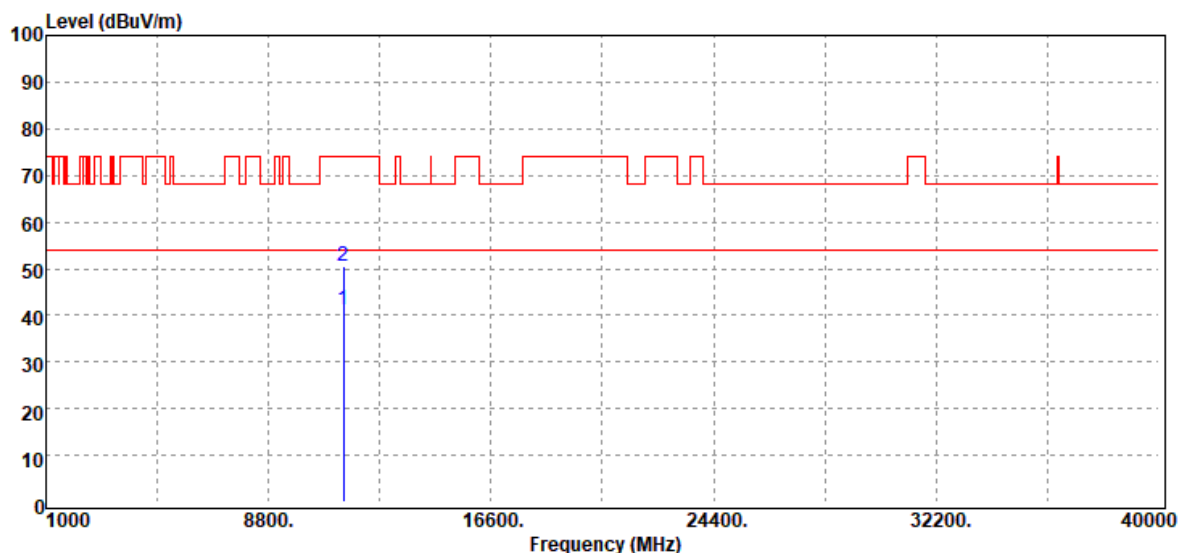
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
11340.00	Average	24.04	16.32	40.36	54.00	-13.64
11340.00	Peak	33.43	16.32	49.75	74.00	-24.25

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Project Number	:T190506W05	Test Date	:2019-05-18
Operation Band	:802.11n40 / Band3/4	Temp./Humi.	:21/52
Fundamental Frequency	:5710 MHz	Engineer	:Kane
Operation Mode	:Tx CH 142	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:E2 Plan		



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
11420.00	Average	24.16	17.08	41.24	54.00	-12.76
11420.00	Peak	33.55	17.08	50.63	74.00	-23.37

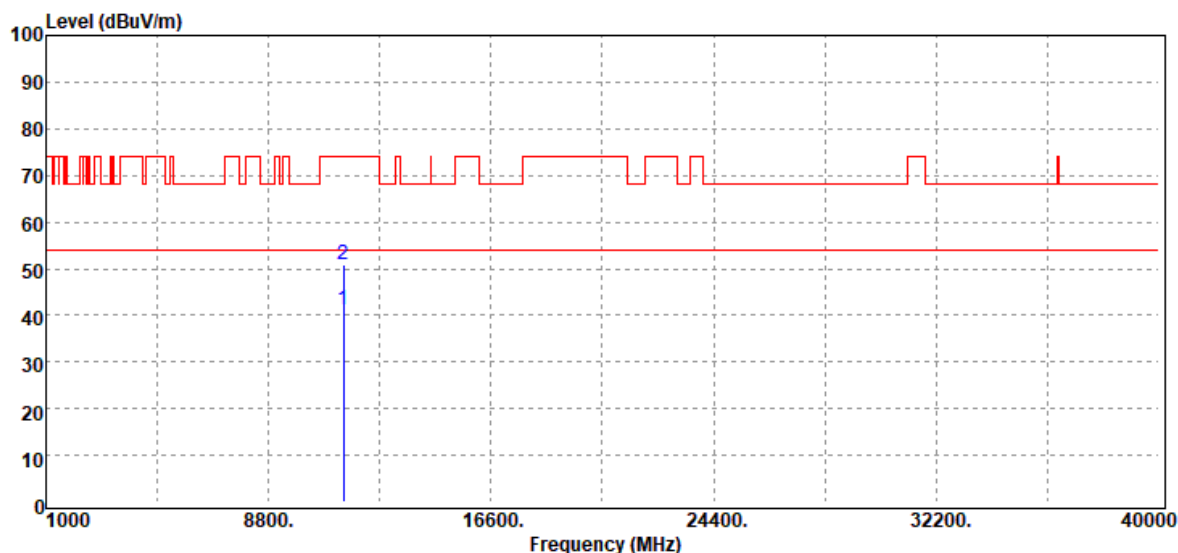
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Project Number :T190506W05
Operation Band :802.11n40 / Band3/4
Fundamental Frequency :5710 MHz
Operation Mode :Tx CH 142
EUT Pol. :E2 Plan

Test Date :2019-05-18
Temp./Humi. :21/52
Engineer :Kane
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11420.00	Average	24.26	17.08	41.34	54.00	-12.66
11420.00	Peak	33.71	17.08	50.79	74.00	-23.21

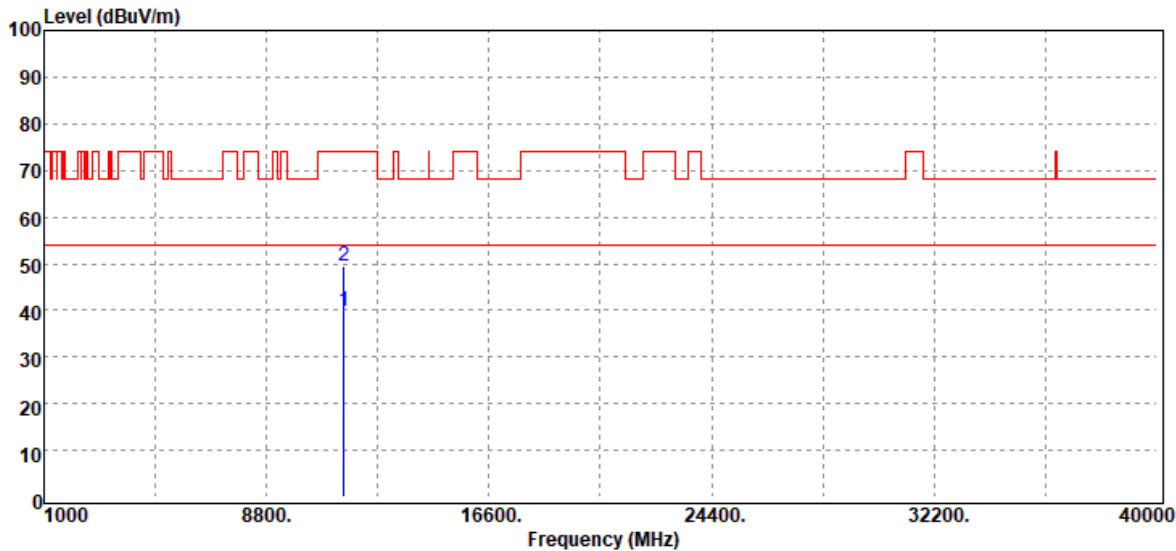
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Radiated Spurious Emission Measurement Result 802.11n HT40 5725~5850 MHz

Project Number	:T190506W05	Test Date	:2019-05-18
Operation Band	:802.11n40 / Band4	Temp./Humi.	:21/52
Fundamental Frequency	:5755 MHz	Engineer	:Kane
Operation Mode	:Tx CH Low	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:E2 Plan		



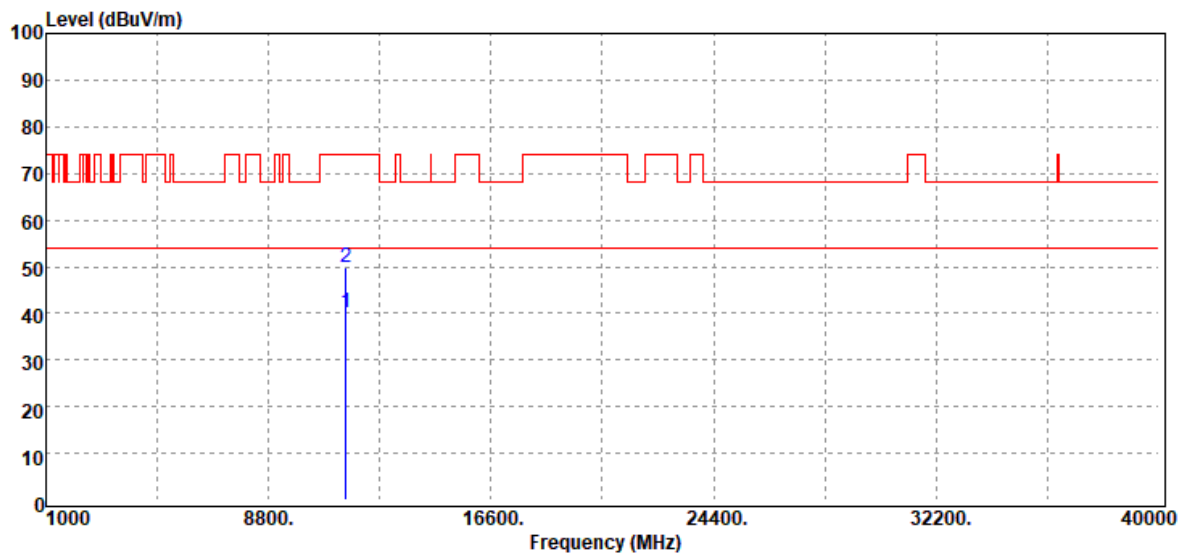
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11510.00	Average	24.10	15.83	39.93	54.00	-14.07
11510.00	Peak	33.76	15.83	49.59	74.00	-24.41

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Project Number	:T190506W05	Test Date	:2019-05-18
Operation Band	:802.11n40 / Band4	Temp./Humi.	:21/52
Fundamental Frequency	:5755 MHz	Engineer	:Kane
Operation Mode	:Tx CH Low	Measurement Antenna Pol.	:HORIZONTAL
EUT Pol.	:E2 Plan		



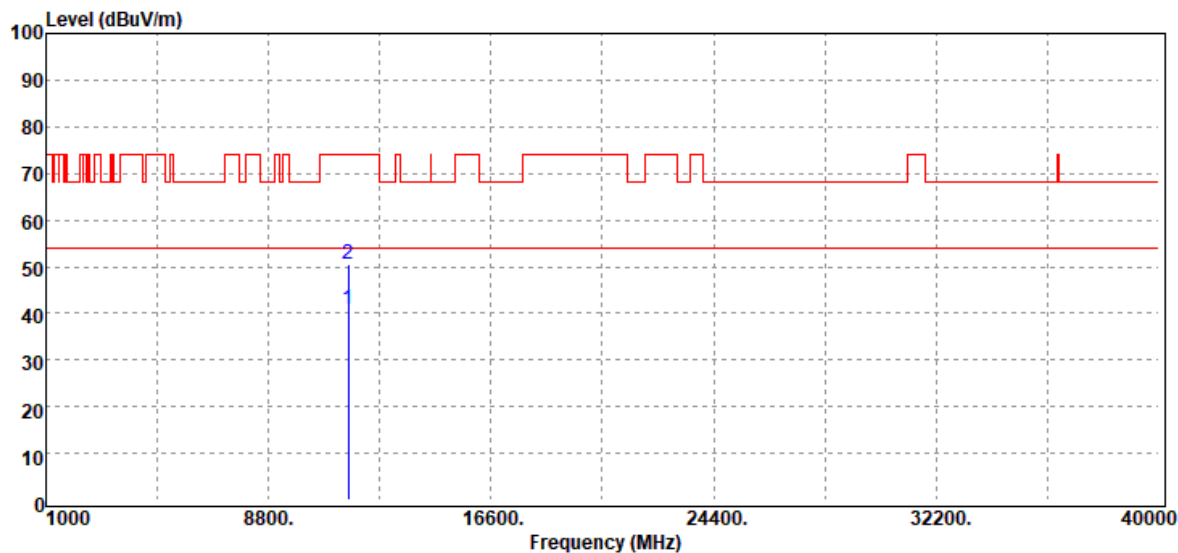
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
11510.00	Average	24.18	15.83	40.01	54.00	-13.99
11510.00	Peak	33.93	15.83	49.76	74.00	-24.24

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Project Number	:T190506W05	Test Date	:2019-05-18
Operation Band	:802.11n40 / Band4	Temp./Humi.	:21/52
Fundamental Frequency	:5795 MHz	Engineer	:Kane
Operation Mode	:Tx CH High	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:E2 Plan		



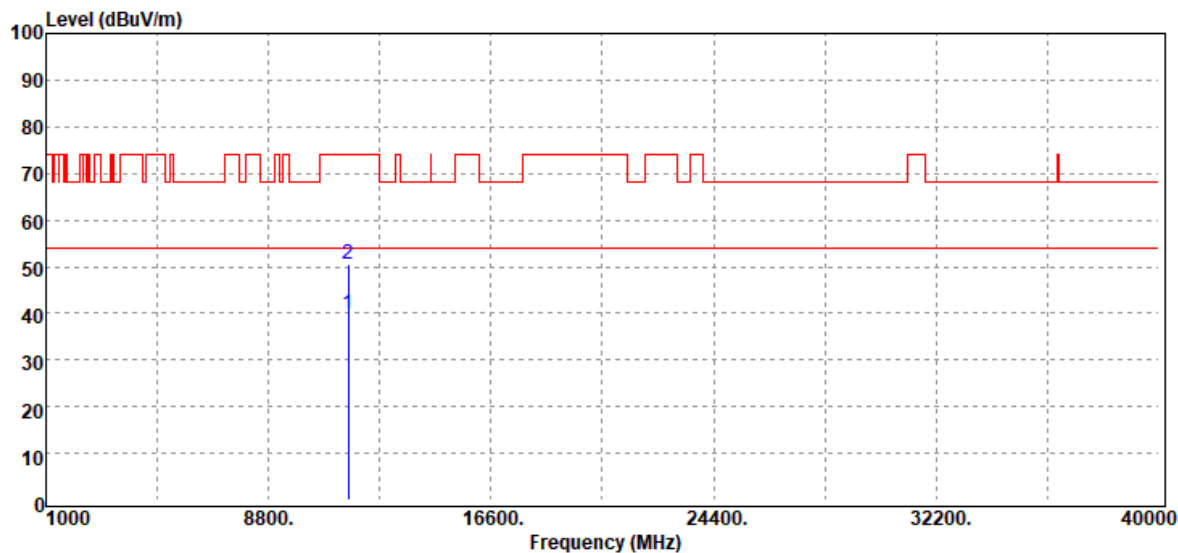
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
11590.00	Average	24.01	16.74	40.75	54.00	-13.25
11590.00	Peak	33.82	16.74	50.56	74.00	-23.44

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Project Number	:T190506W05	Test Date	:2019-05-18
Operation Band	:802.11n40 / Band4	Temp./Humi.	:21/52
Fundamental Frequency	:5795 MHz	Engineer	:Kane
Operation Mode	:Tx CH High	Measurement Antenna Pol.	:HORIZONTAL
EUT Pol.	:E2 Plan		



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
11590.00	Average	23.12	16.74	39.86	54.00	-14.14
11590.00	Peak	33.90	16.74	50.64	74.00	-23.36

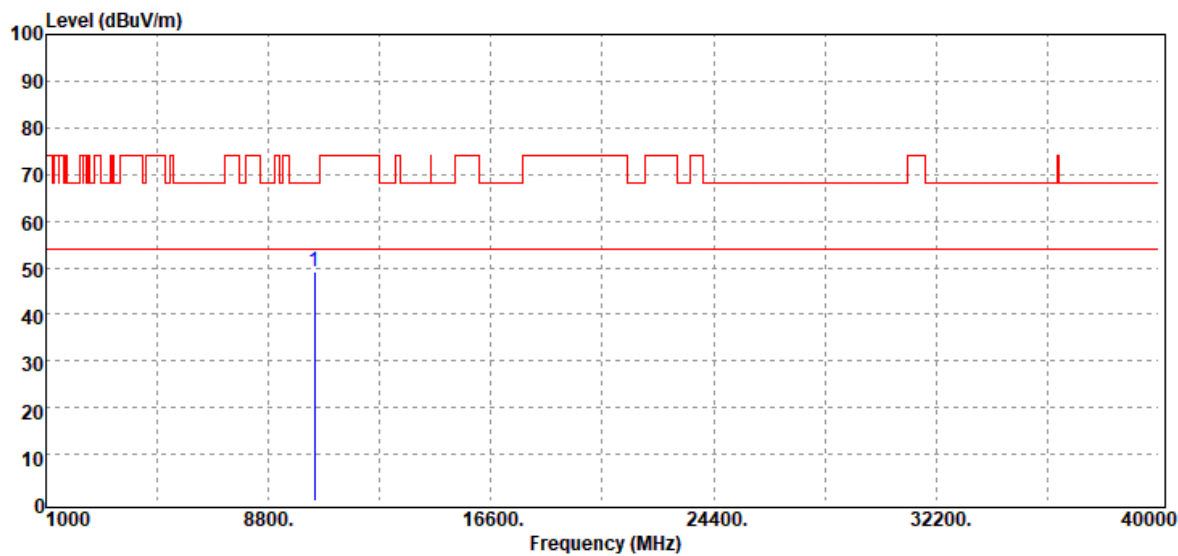
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Radiated Spurious Emission Measurement Result 802.11ac VHT80 5150~5250 MHz

Project Number	:T190506W05	Test Date	:2019-05-18
Operation Band	:802.11ac80 / Band1	Temp./Humi.	:21/52
Fundamental Frequency	:5210 MHz	Engineer	:Kane
Operation Mode	:Tx CH Low	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:E2 Plan		



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
10420.00	Peak	33.67	15.31	48.98	68.20	-19.22

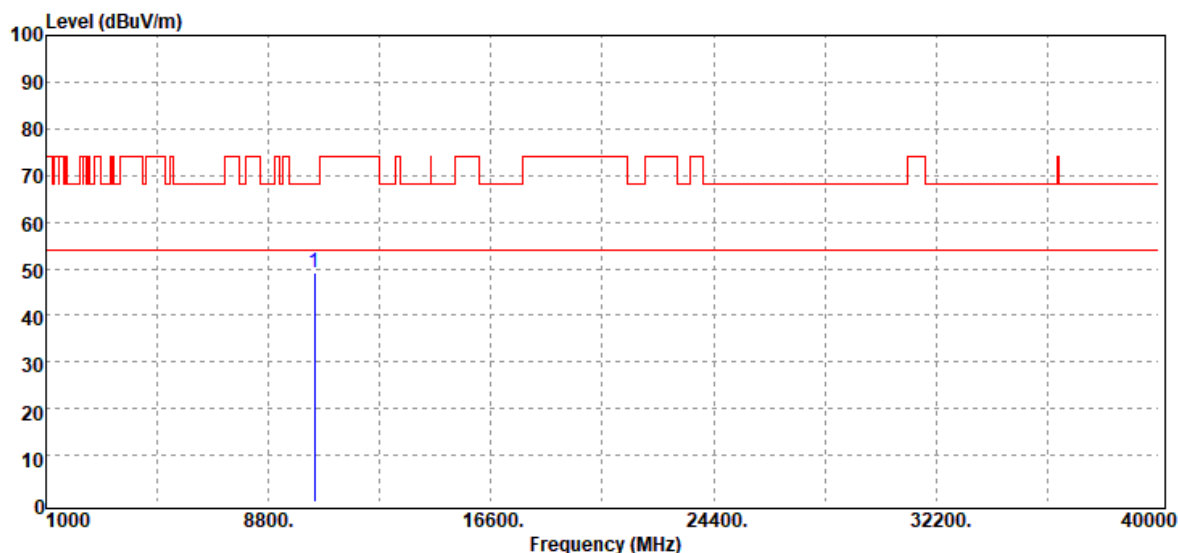
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Project Number :T190506W05
Operation Band :802.11ac80 / Band1
Fundamental Frequency :5210 MHz
Operation Mode :Tx CH Low
EUT Pol. :E2 Plan

Test Date :2019-05-18
Temp./Humi. :21/52
Engineer :Kane
Measurement Antenna Pol. :HORIZONTAL



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
10420.00	Peak	33.95	15.31	49.26	68.20	-18.94

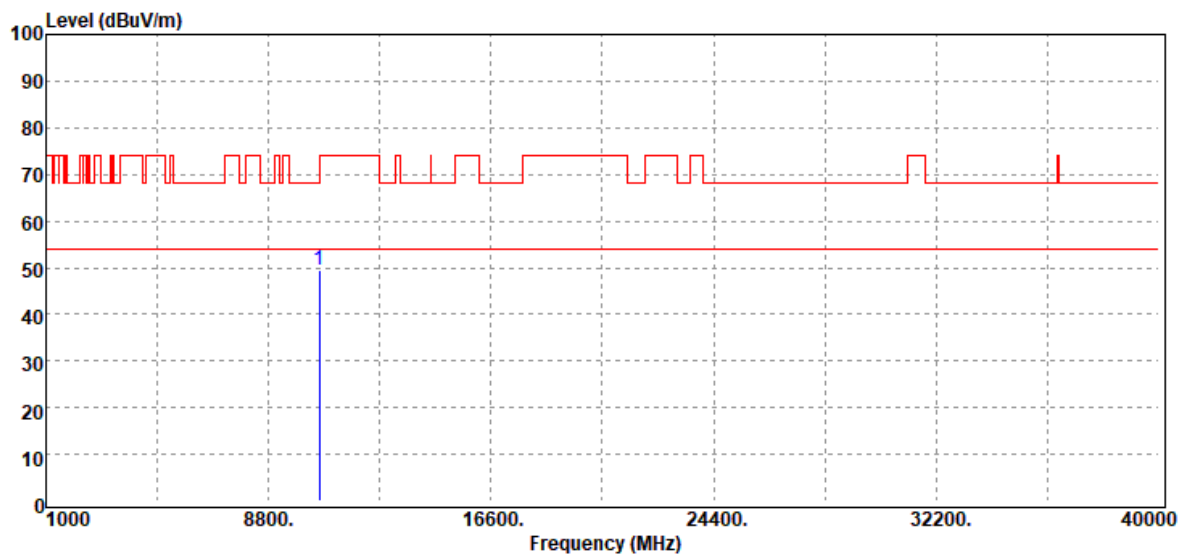
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Radiated Spurious Emission Measurement Result 802.11ac VHT80 5250~5350 MHz

Project Number	:T190506W05	Test Date	:2019-05-18
Operation Band	:802.11ac80 / Band2	Temp./Humi.	:21/52
Fundamental Frequency	:5290 MHz	Engineer	:Kane
Operation Mode	:Tx CH High	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:E2 Plan		



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level	dB	FS	@3m	dB
	PK/QP/AV	dBμV		dBμV/m	dBμV/m	
10580.00	Peak	34.25	15.21	49.46	68.20	-18.74

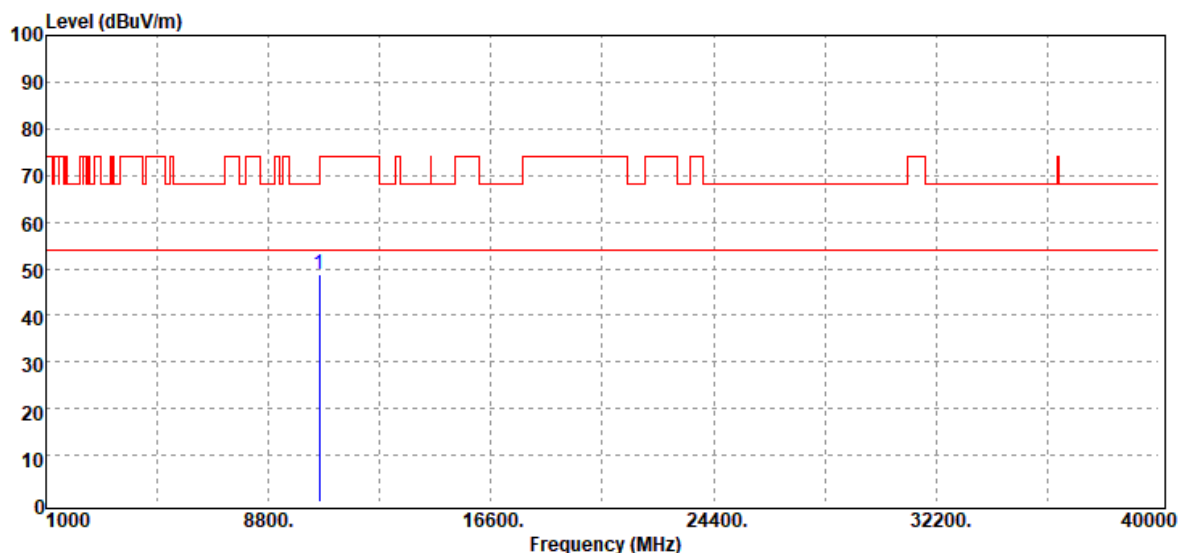
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Project Number :T190506W05
Operation Band :802.11ac80 / Band2
Fundamental Frequency :5290 MHz
Operation Mode :Tx CH High
EUT Pol. :E2 Plan

Test Date :2019-05-18
Temp./Humi. :21/52
Engineer :Kane
Measurement Antenna Pol. :HORIZONTAL



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
10580.00	Peak	33.60	15.21	48.81	68.20	-19.39

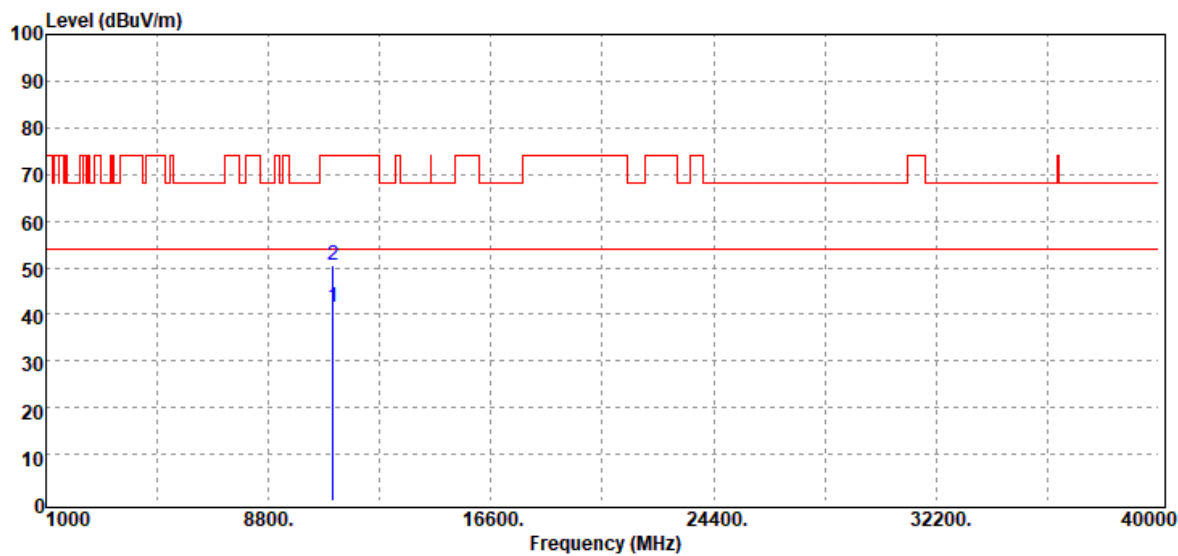
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Radiated Spurious Emission Measurement Result 802.11ac VHT80 5470~5725 MHz

Project Number	:T190506W05	Test Date	:2019-05-18
Operation Band	:802.11ac80 / Band3	Temp./Humi.	:21/52
Fundamental Frequency	:5530 MHz	Engineer	:Kane
Operation Mode	:Tx CH Low	Measurement Antenna Pol.	:VERTICAL
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
11060.00	Average	23.97	17.46	41.43	54.00	-12.57
11060.00	Peak	32.90	17.46	50.36	74.00	-23.64

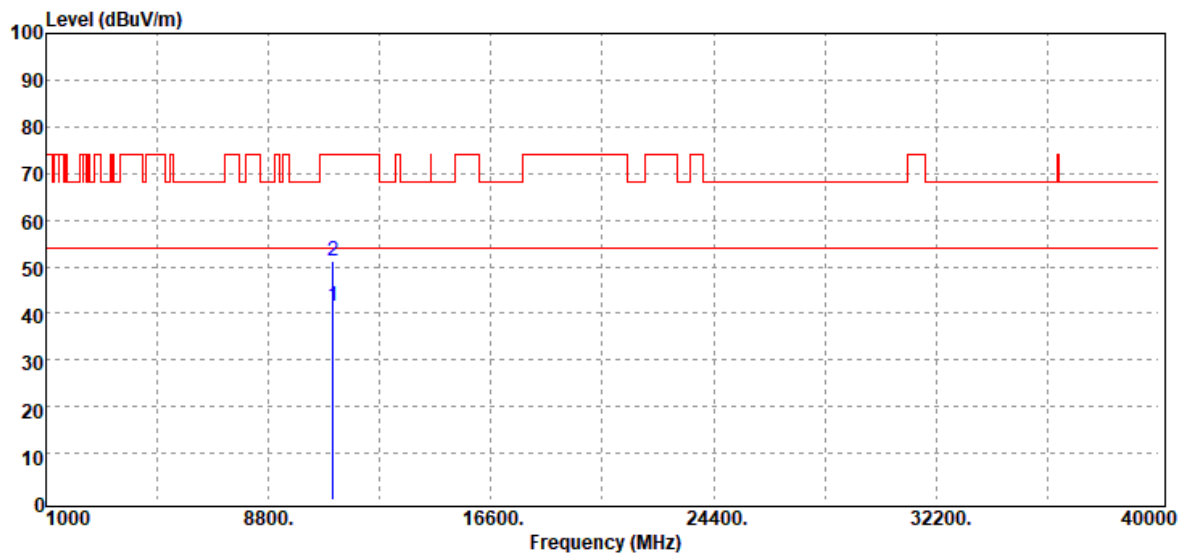
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Project Number :T190506W05
Operation Band :802.11ac80 / Band3
Fundamental Frequency :5530 MHz
Operation Mode :Tx CH Low
EUT Pol. :E2 Plan

Test Date :2019-05-18
Temp./Humi. :21/52
Engineer :Kane
Measurement Antenna Pol. :HORIZONTAL



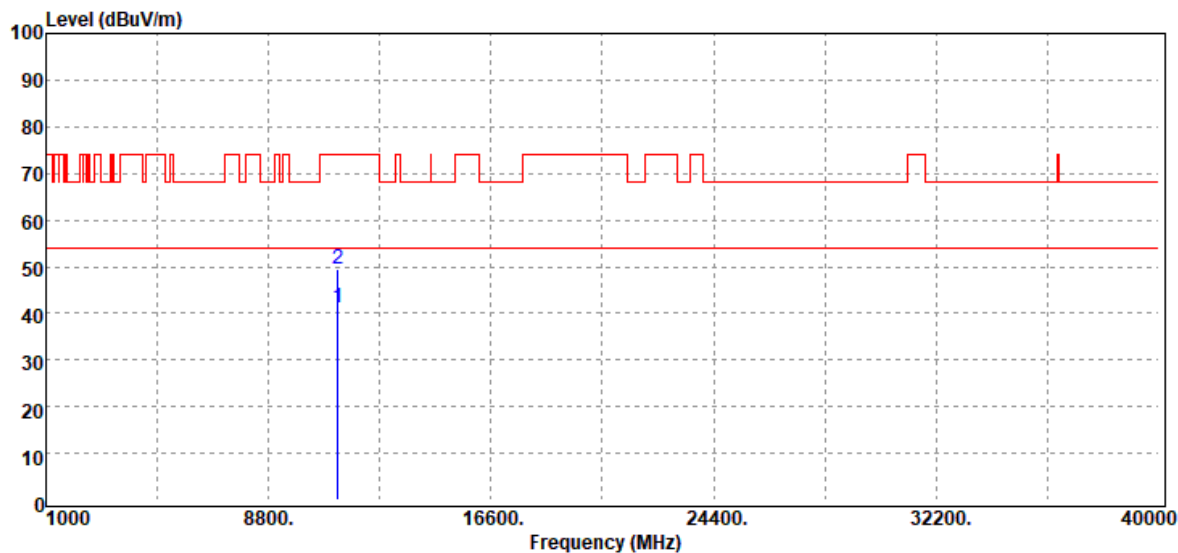
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11060.00	Average	24.03	17.46	41.49	54.00	-12.51
11060.00	Peak	33.77	17.46	51.23	74.00	-22.77

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Project Number	:T190506W05	Test Date	:2019-05-18
Operation Band	:802.11ac80 / Band3	Temp./Humi.	:21/52
Fundamental Frequency	:5610 MHz	Engineer	:Kane
Operation Mode	:Tx CH Mid	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:E2 Plan		



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
11220.00	Average	24.41	16.62	41.03	54.00	-12.97
11220.00	Peak	32.97	16.62	49.59	74.00	-24.41

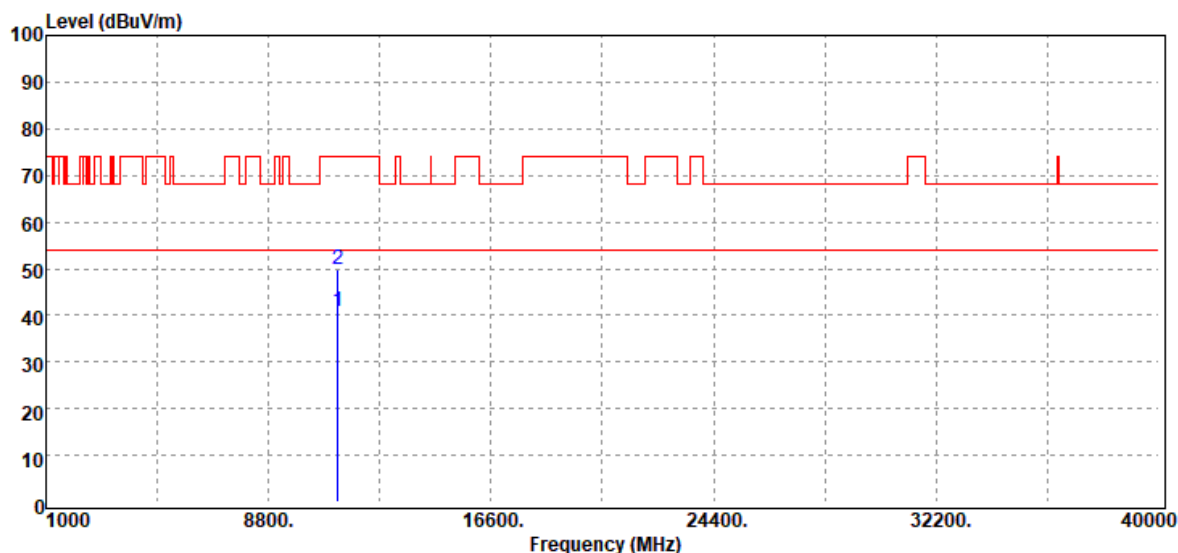
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Project Number :T190506W05
 Operation Band :802.11ac80 / Band3
 Fundamental Frequency :5610 MHz
 Operation Mode :Tx CH Mid
 EUT Pol. :E2 Plan

Test Date :2019-05-18
 Temp./Humi. :21/52
 Engineer :Kane
 Measurement Antenna Pol. :HORIZONTAL



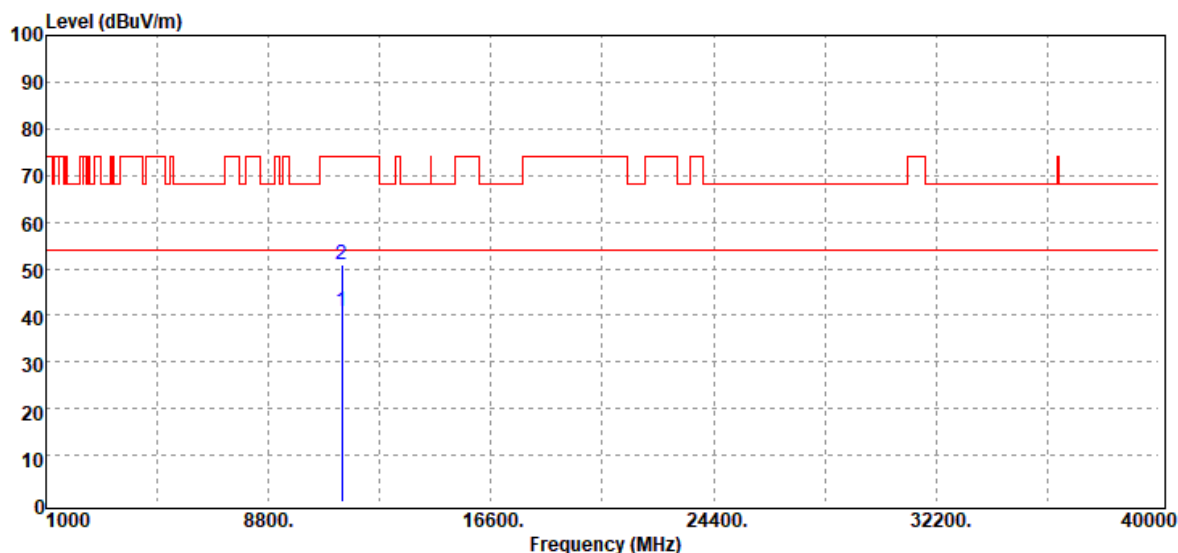
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
11220.00	Average	24.18	16.62	40.80	54.00	-13.20
11220.00	Peak	33.35	16.62	49.97	74.00	-24.03

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Project Number	:T190506W05	Test Date	:2019-05-18
Operation Band	:802.11ac80 / Band3/4	Temp./Humi.	:21/52
Fundamental Frequency	:5690 MHz	Engineer	:Kane
Operation Mode	:Tx CH High	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:E2 Plan		



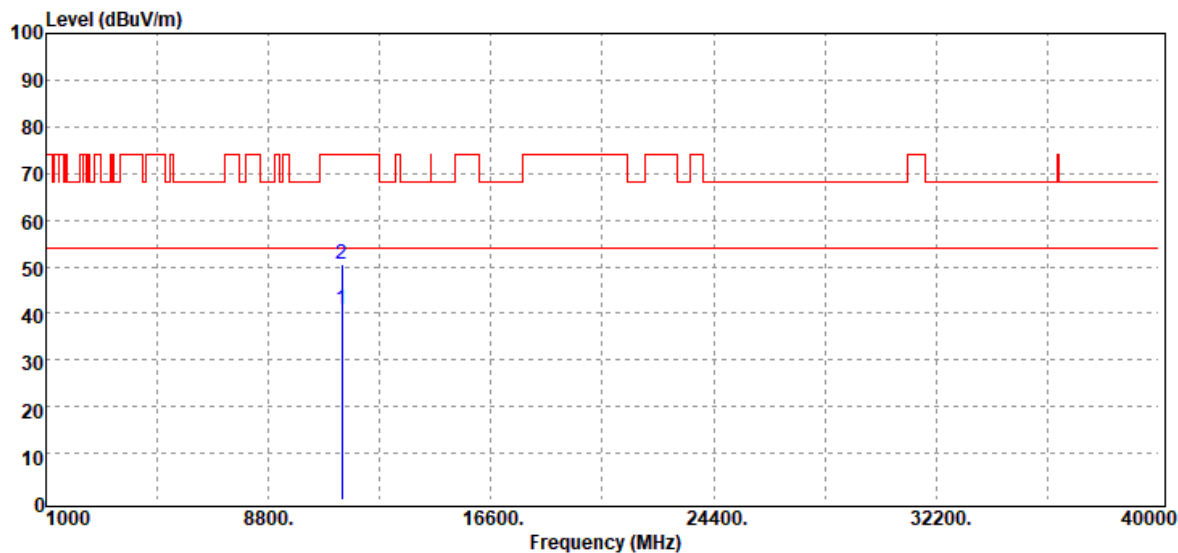
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
11380.00	Average	24.17	16.77	40.94	54.00	-13.06
11380.00	Peak	34.10	16.77	50.87	74.00	-23.13

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Project Number	:T190506W05	Test Date	:2019-05-18
Operation Band	:802.11ac80 / Band3/4	Temp./Humi.	:21/52
Fundamental Frequency	:5690 MHz	Engineer	:Kane
Operation Mode	:Tx CH High	Measurement Antenna Pol.	:HORIZONTAL
EUT Pol.	:E2 Plan		



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
11380.00	Average	24.05	16.77	40.82	54.00	-13.18
11380.00	Peak	33.86	16.77	50.63	74.00	-23.37

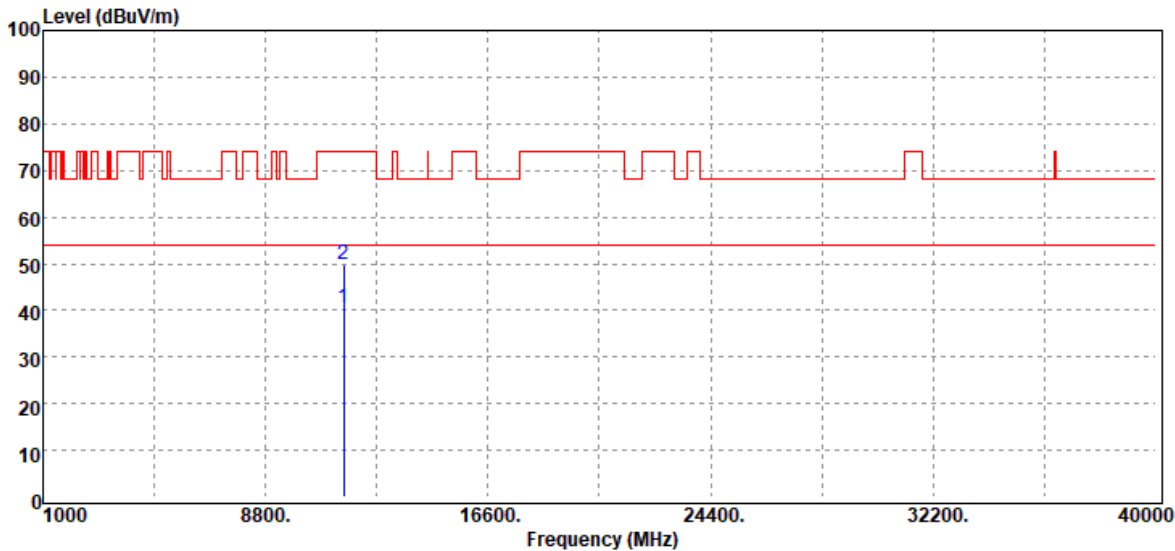
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Radiated Spurious Emission Measurement Result 802.11ac VHT80 5725~5850 MHz

Project Number	:T190506W05	Test Date	:2019-05-18
Operation Band	:802.11ac80 / Band4	Temp./Humi.	:21/52
Fundamental Frequency	:5775 MHz	Engineer	:Kane
Operation Mode	:Tx CH Low	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:E2 Plan		



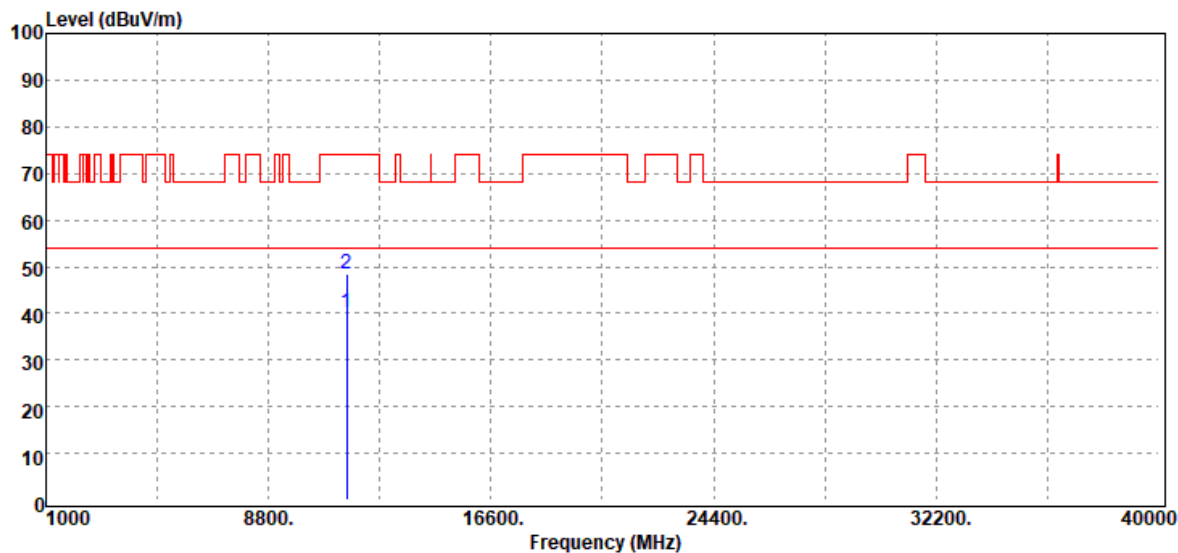
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11550.00	Average	24.28	16.09	40.37	54.00	-13.63
11550.00	Peak	33.73	16.09	49.82	74.00	-24.18

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Project Number	:T190506W05	Test Date	:2019-05-18
Operation Band	:802.11ac80 / Band4	Temp./Humi.	:21/52
Fundamental Frequency	:5775 MHz	Engineer	:Kane
Operation Mode	:Tx CH Low	Measurement Antenna Pol.	:HORIZONTAL
EUT Pol.	:E2 Plan		



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
11550.00	Average	24.09	16.09	40.18	54.00	-13.82
11550.00	Peak	32.23	16.09	48.32	74.00	-25.68

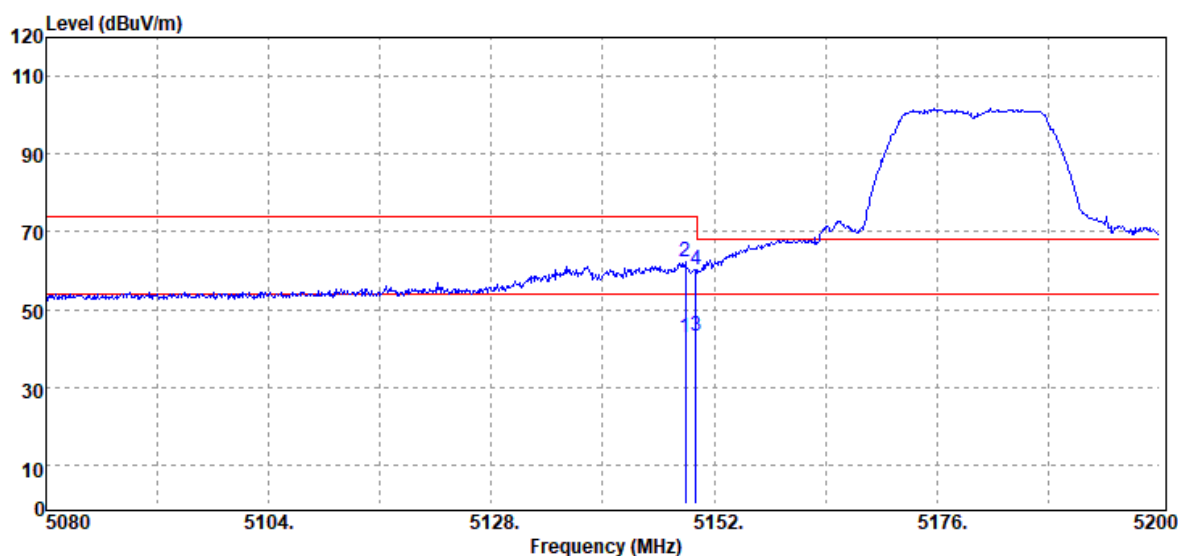
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Band edge falling to restricted band**802.11a mode**

Project Number :T190506W05
 Operation Band :802.11a / Band1
 Fundamental Frequency :5180 MHz
 Operation Mode :BE CH Low
 EUT Pol. :E2 Plan

Test Date :2019-05-17
 Temp./Humi. :20/50
 Engineer :Kane
 Measurement Antenna Pol. :VERTICAL



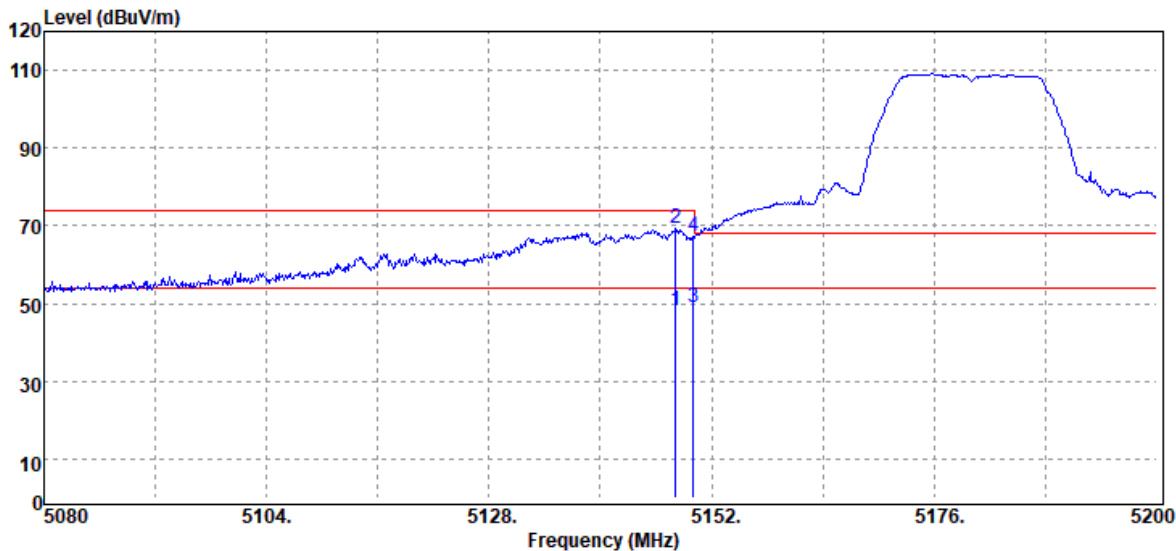
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5148.88	Average	37.94	4.92	42.86	54.00	-11.14
5148.88	Peak	57.27	4.92	62.19	74.00	-11.81
5150.00	Average	38.32	4.92	43.24	54.00	-10.76
5150.00	Peak	55.25	4.92	60.17	74.00	-13.83

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Project Number	:T190506W05	Test Date	:2019-05-17
Operation Band	:802.11a / Band1	Temp./Humi.	:20/50
Fundamental Frequency	:5180 MHz	Engineer	:Kane
Operation Mode	:BE CH Low	Measurement Antenna Pol.	:HORIZONTAL
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
5148.16	Average	43.27	4.92	48.19	54.00	-5.81
5148.16	Peak	64.29	4.92	69.21	74.00	-4.79
5150.00	Average	43.97	4.92	48.89	54.00	-5.11
5150.00	Peak	62.21	4.92	67.13	74.00	-6.87

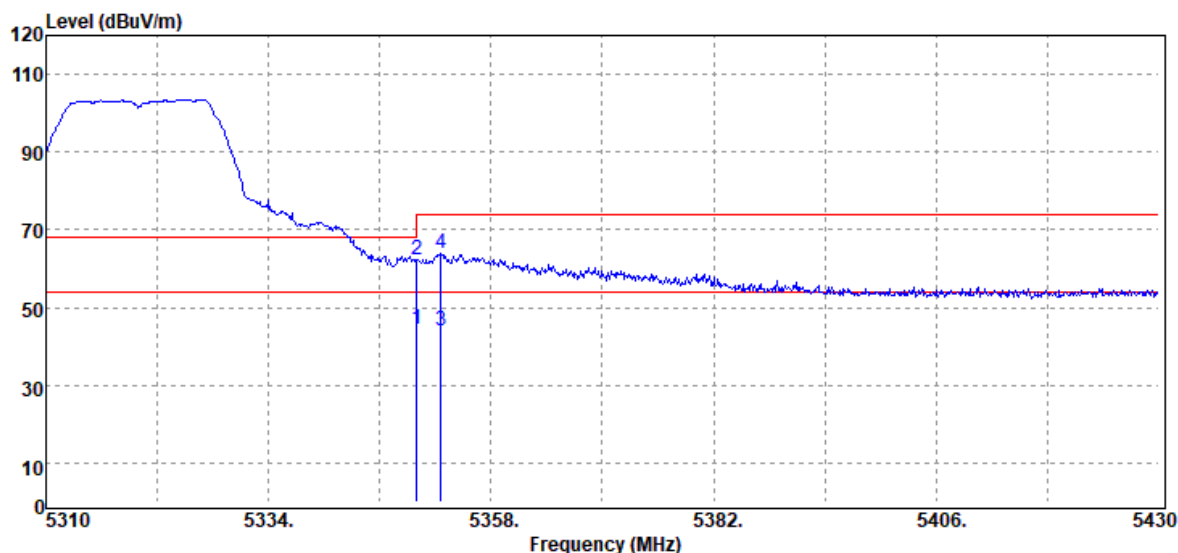
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Project Number :T190506W05
 Operation Band :802.11a / Band2
 Fundamental Frequency :5320 MHz
 Operation Mode :BE CH High
 EUT Pol. :E2 Plan

Test Date :2019-05-17
 Temp./Humi. :20/50
 Engineer :Kane
 Measurement Antenna Pol. :VERTICAL



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	5.21	44.63	54.00	-9.37
5350.00	Peak	56.95	5.21	62.16	74.00	-11.84
5352.60	Average	38.92	5.22	44.14	54.00	-9.86
5352.60	Peak	58.61	5.22	63.83	74.00	-10.17

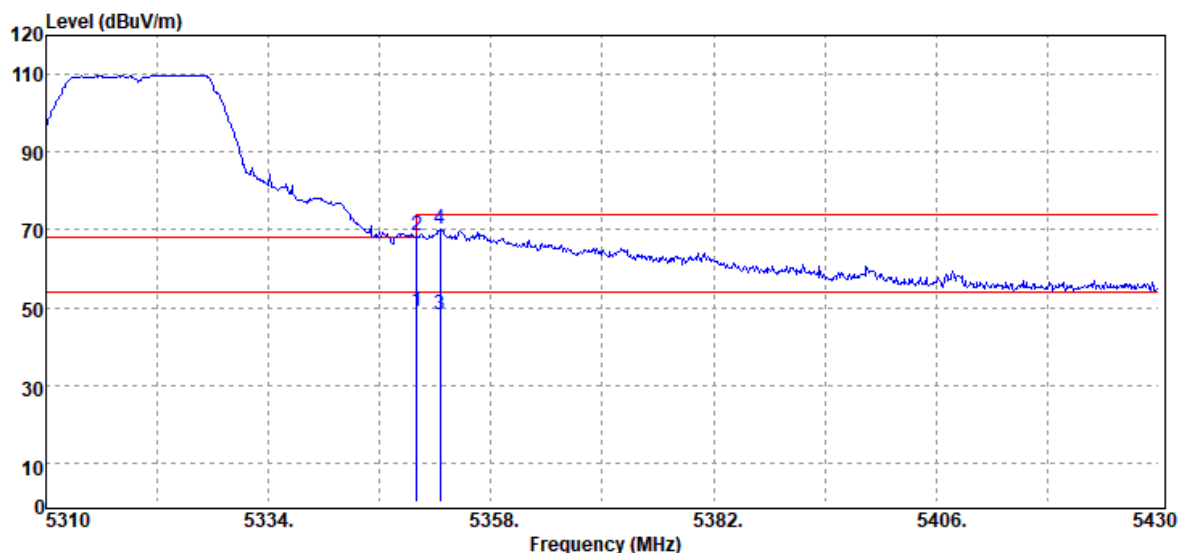
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Project Number :T190506W05
 Operation Band :802.11a / Band2
 Fundamental Frequency :5320 MHz
 Operation Mode :BE CH High
 EUT Pol. :E2 Plan

Test Date :2019-05-17
 Temp./Humi. :20/50
 Engineer :Kane
 Measurement Antenna Pol. :HORIZONTAL



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	43.89	5.21	49.10	54.00	-4.90
5350.00	Peak	63.13	5.21	68.34	74.00	-5.66
5352.48	Average	43.02	5.22	48.24	54.00	-5.76
5352.48	Peak	64.77	5.22	69.99	74.00	-4.01

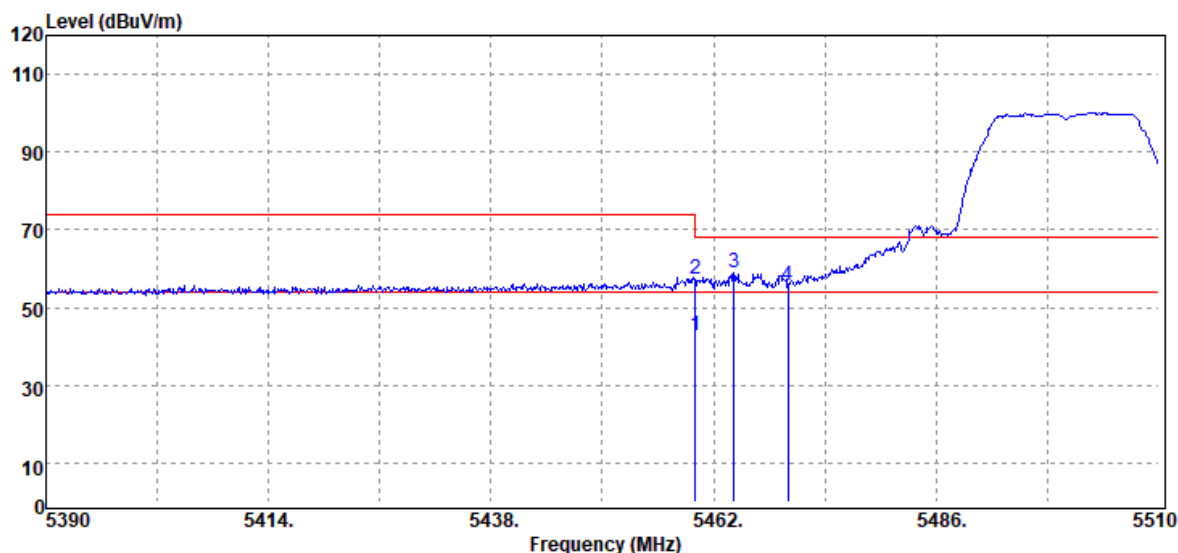
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Project Number :T190506W05
Operation Band :802.11a / Band3
Fundamental Frequency :5500 MHz
Operation Mode :BE CH Low
EUT Pol. :E2 Plan

Test Date :2019-05-17
Temp./Humi. :20/50
Engineer :Kane
Measurement Antenna Pol. :VERTICAL



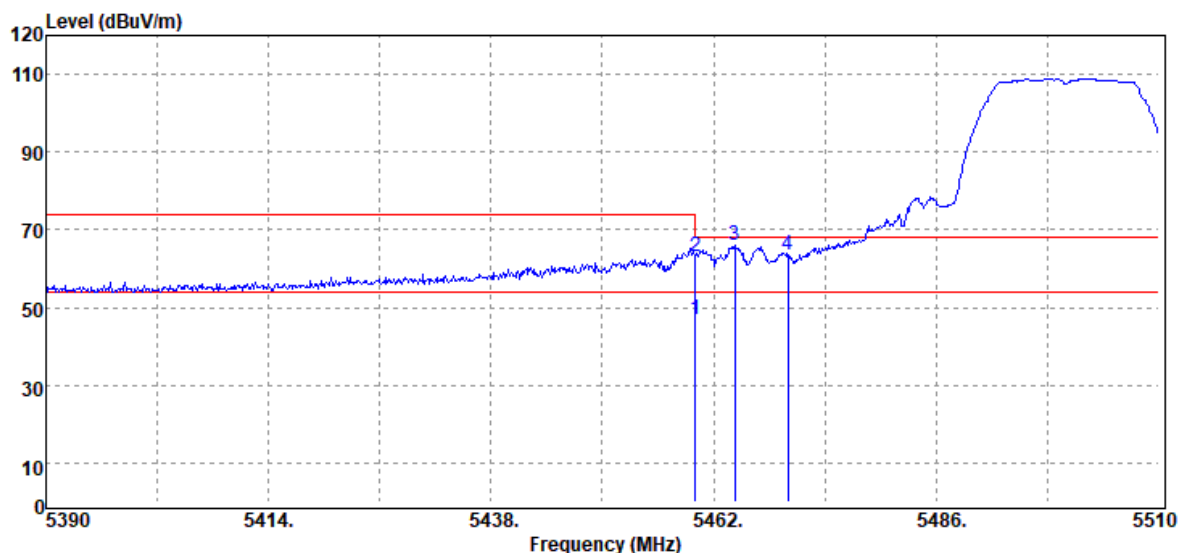
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5460.00	Average	37.09	5.63	42.72	54.00	-11.28
5460.00	Peak	51.73	5.63	57.36	74.00	-16.64
5464.16	Peak	53.45	5.63	59.08	68.20	-9.12
5470.00	Peak	50.09	5.65	55.74	68.20	-12.46

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Project Number	:T190506W05	Test Date	:2019-05-17
Operation Band	:802.11a / Band3	Temp./Humi.	:20/50
Fundamental Frequency	:5500 MHz	Engineer	:Kane
Operation Mode	:BE CH Low	Measurement Antenna Pol.	:HORIZONTAL
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	41.12	5.63	46.75	54.00	-7.25
5460.00	Peak	57.39	5.63	63.02	74.00	-10.98
5464.28	Peak	60.27	5.63	65.90	68.20	-2.30
5470.00	Peak	57.83	5.65	63.48	68.20	-4.72

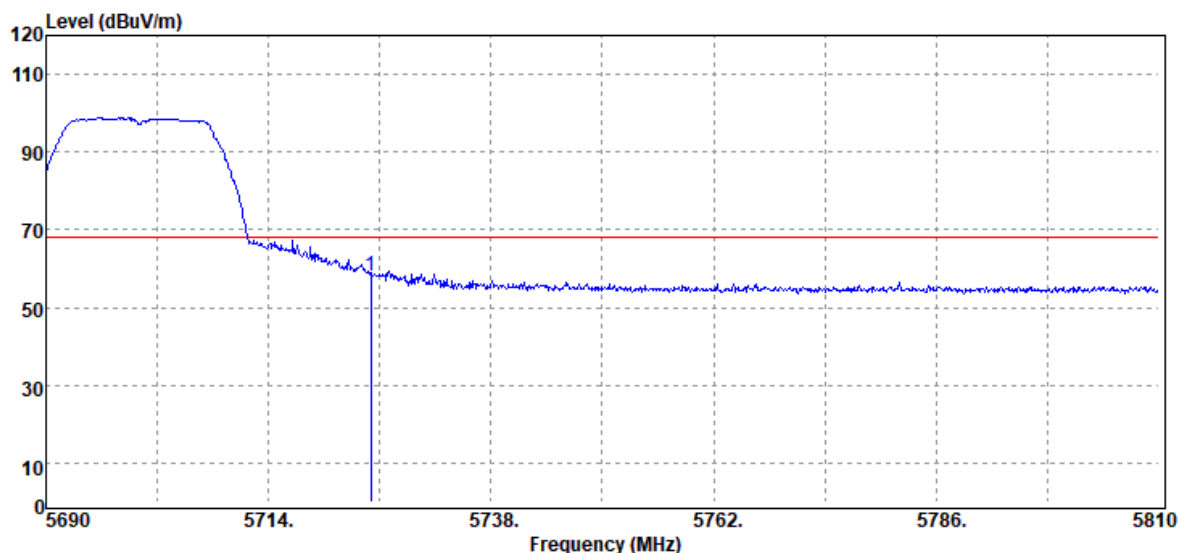
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Project Number :T190506W05
Operation Band :802.11a / Band3
Fundamental Frequency :5700 MHz
Operation Mode :BE CH High
EUT Pol. :E2 Plan

Test Date :2019-05-17
Temp./Humi. :20/50
Engineer :Kane
Measurement Antenna Pol. :VERTICAL



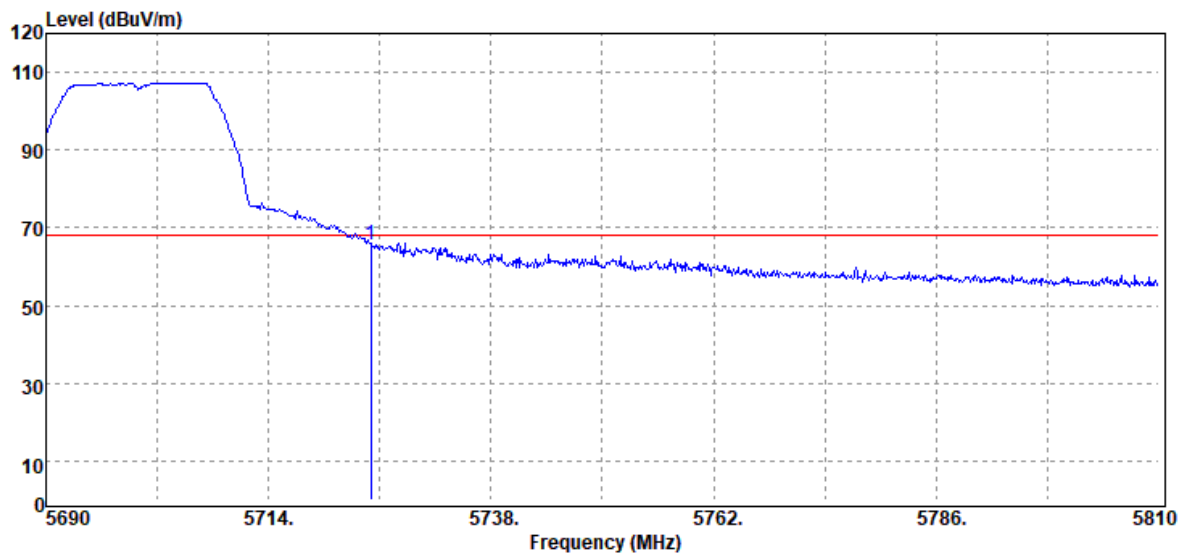
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
5725.00	Peak	51.97	6.34	58.31	68.20	-9.89

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Project Number	:T190506W05	Test Date	:2019-05-17
Operation Band	:802.11a / Band3	Temp./Humi.	:20/50
Fundamental Frequency	:5700 MHz	Engineer	:Kane
Operation Mode	:BE CH High	Measurement Antenna Pol.	:HORIZONTAL
EUT Pol.	:E2 Plan		



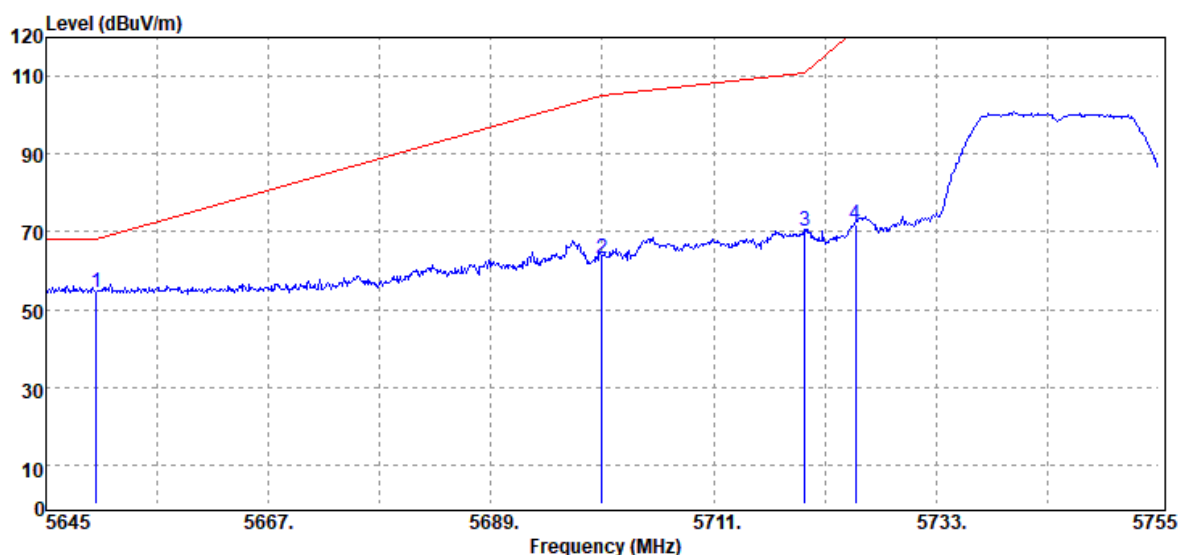
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
5725.00	Peak	59.44	6.34	65.78	68.20	-2.42

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Project Number :T190506W05
 Operation Band :802.11a / Band4
 Fundamental Frequency :5745 MHz
 Operation Mode :BE CH Low
 EUT Pol. :E2 Plan

Test Date :2019-05-17
 Temp./Humi. :20/50
 Engineer :Kane
 Measurement Antenna Pol. :VERTICAL



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	48.40	6.04	54.44	68.20	-13.76
5700.00	Peak	56.90	6.32	63.22	105.20	-41.98
5720.00	Peak	63.97	6.33	70.30	110.80	-40.50
5725.00	Peak	65.62	6.34	71.96	122.20	-50.24

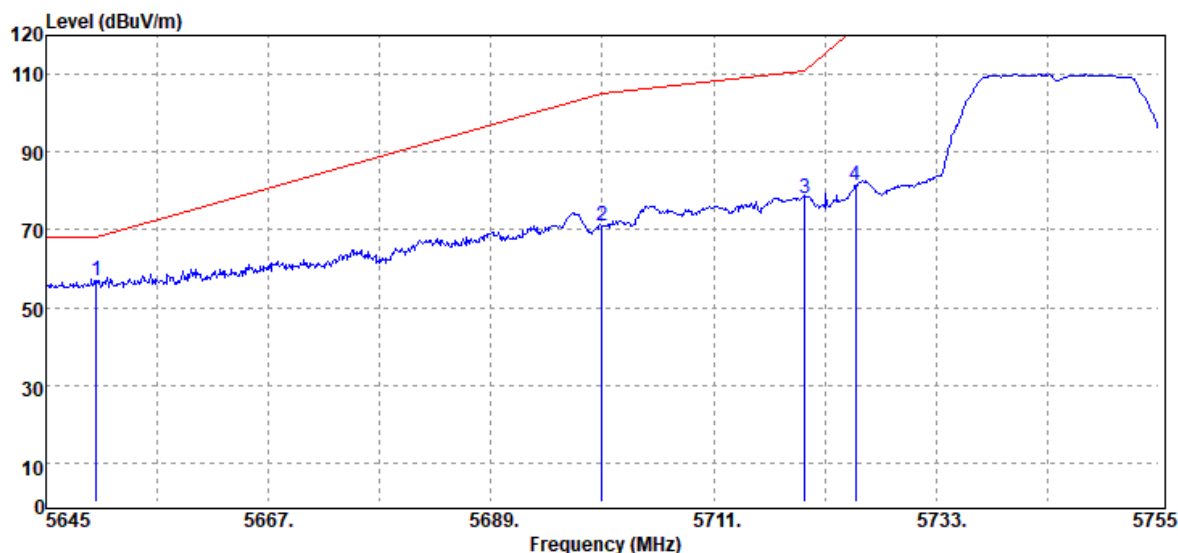
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Project Number :T190506W05
 Operation Band :802.11a / Band4
 Fundamental Frequency :5745 MHz
 Operation Mode :BE CH Low
 EUT Pol. :E2 Plan

Test Date :2019-05-17
 Temp./Humi. :20/50
 Engineer :Kane
 Measurement Antenna Pol. :HORIZONTAL



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	50.84	6.04	56.88	68.20	-11.32
5700.00	Peak	64.85	6.32	71.17	105.20	-34.03
5720.00	Peak	71.92	6.33	78.25	110.80	-32.55
5725.00	Peak	74.90	6.34	81.24	122.20	-40.96

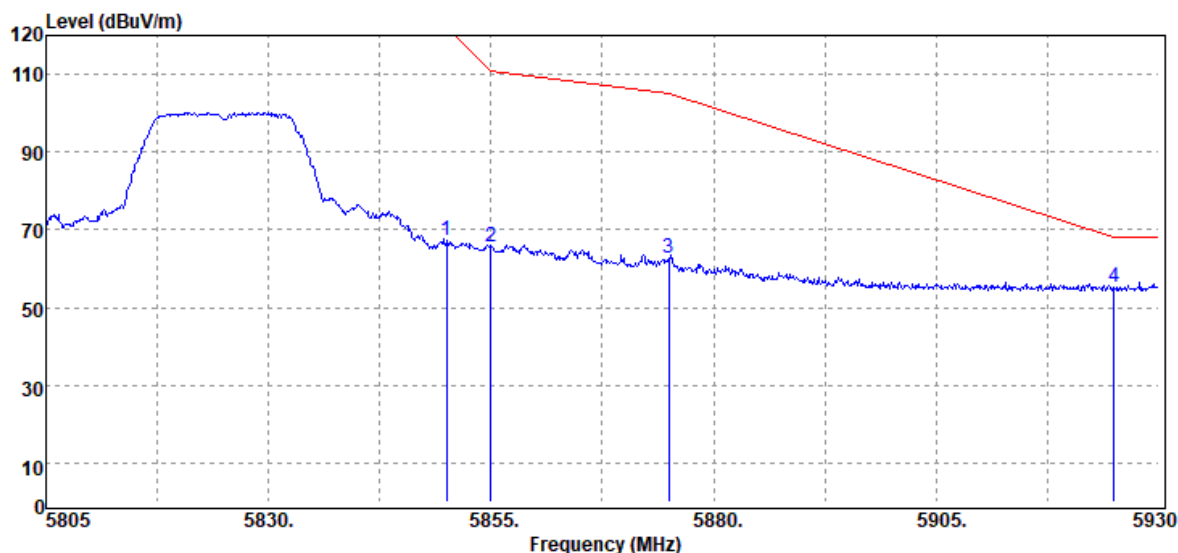
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Project Number :T190506W05
 Operation Band :802.11a / Band4
 Fundamental Frequency :5825 MHz
 Operation Mode :BE CH High
 EUT Pol. :E2 Plan

Test Date :2019-05-17
 Temp./Humi. :20/50
 Engineer :Kane
 Measurement Antenna Pol. :VERTICAL



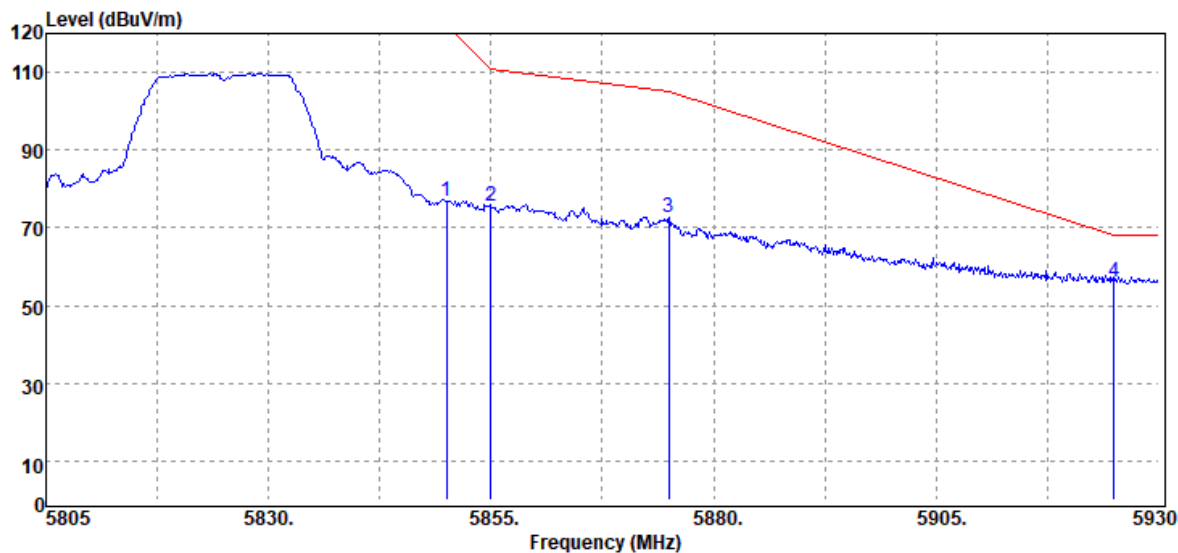
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	60.68	6.39	67.07	122.20	-55.13
5855.00	Peak	59.11	6.38	65.49	110.80	-45.31
5875.00	Peak	56.29	6.37	62.66	105.20	-42.54
5925.00	Peak	48.70	6.42	55.12	68.20	-13.08

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Project Number	:T190506W05	Test Date	:2019-05-17
Operation Band	:802.11a / Band4	Temp./Humi.	:20/50
Fundamental Frequency	:5825 MHz	Engineer	:Kane
Operation Mode	:BE CH High	Measurement Antenna Pol.	:HORIZONTAL
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	70.54	6.39	76.93	122.20	-45.27
5855.00	Peak	69.27	6.38	75.65	110.80	-35.15
5875.00	Peak	66.20	6.37	72.57	105.20	-32.63
5925.00	Peak	49.67	6.42	56.09	68.20	-12.11

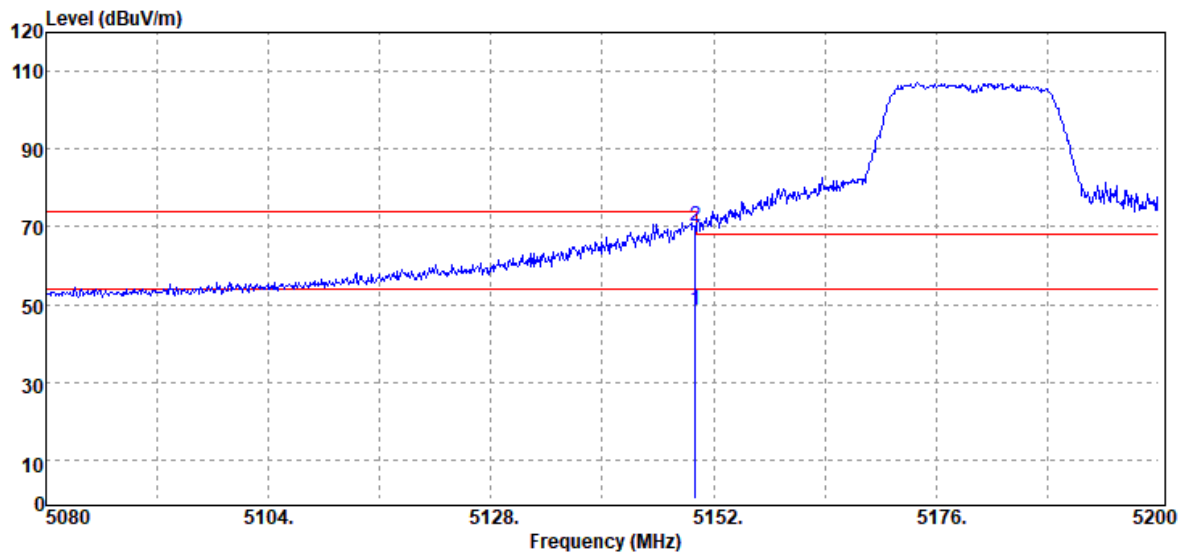
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802.11n20 HT mode

Project Number	:T190506W05	Test Date	:2019-05-15
Operation Band	:802.11n20 / Band1	Temp./Humi.	:20/50
Fundamental Frequency	:5180 MHz	Engineer	:Kane
Operation Mode	:BE CH Low	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:E2 Plan		



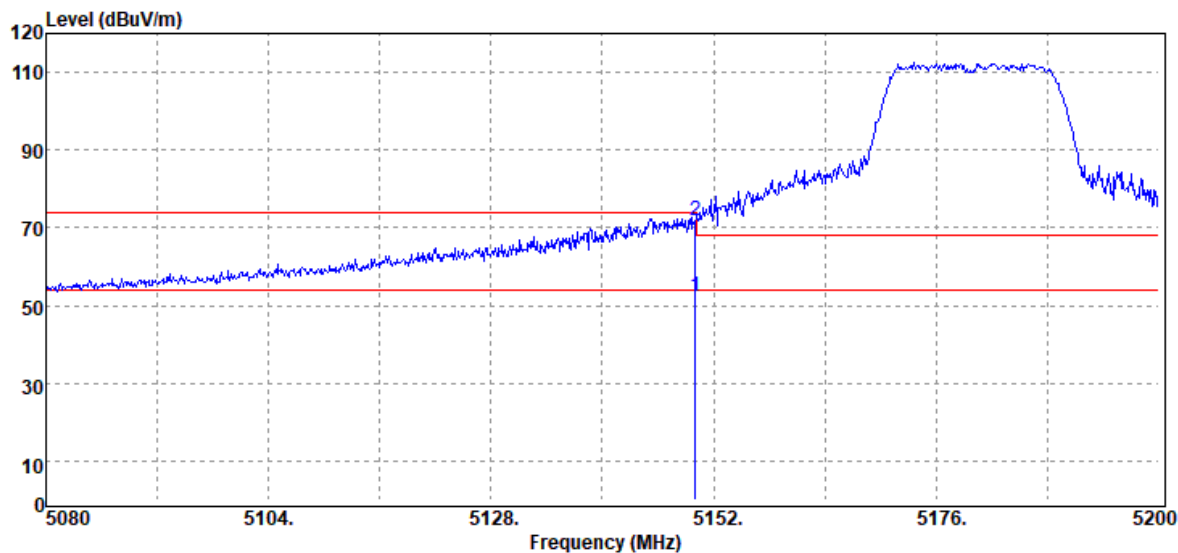
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.00	Average	43.58	4.92	48.50	54.00	-5.50
5150.00	Peak	65.44	4.92	70.36	74.00	-3.64

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Project Number	:T190506W05	Test Date	:2019-05-15
Operation Band	:802.11n20 / Band1	Temp./Humi.	:20/50
Fundamental Frequency	:5180 MHz	Engineer	:Kane
Operation Mode	:BE CH Low	Measurement Antenna Pol.	:HORIZONTAL
EUT Pol.	:E2 Plan		



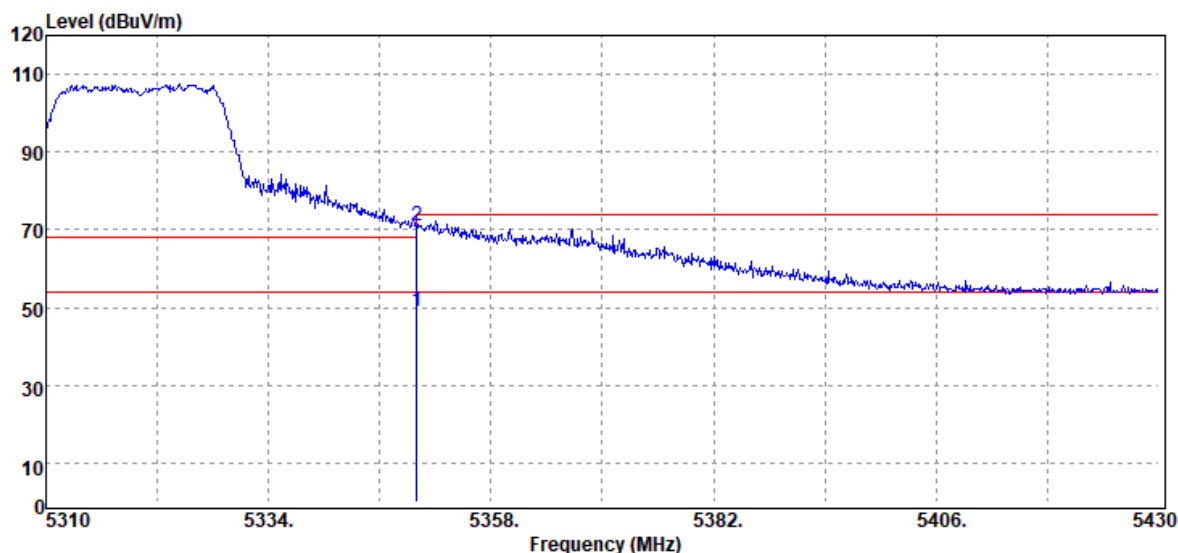
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.00	Average	47.23	4.92	52.15	54.00	-1.85
5150.00	Peak	66.81	4.92	71.73	74.00	-2.27

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Project Number	:T190506W05	Test Date	:2019-05-15
Operation Band	:802.11n20 / Band2	Temp./Humi.	:20/50
Fundamental Frequency	:5320 MHz	Engineer	:Kane
Operation Mode	:BE CH High	Measurement Antenna Pol.	:VERTICAL
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	43.87	5.21	49.08	54.00	-4.92
5350.00	Peak	65.85	5.21	71.06	74.00	-2.94

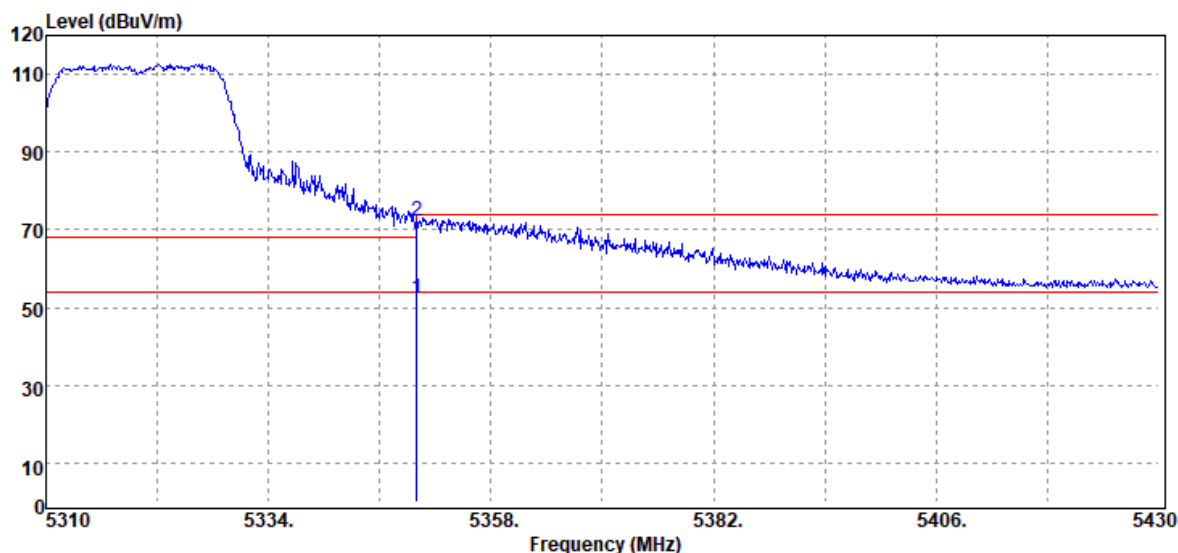
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Project Number :T190506W05
 Operation Band :802.11n20 / Band2
 Fundamental Frequency :5320 MHz
 Operation Mode :BE CH High
 EUT Pol. :E2 Plan

Test Date :2019-05-15
 Temp./Humi. :20/50
 Engineer :Kane
 Measurement Antenna Pol. :HORIZONTAL



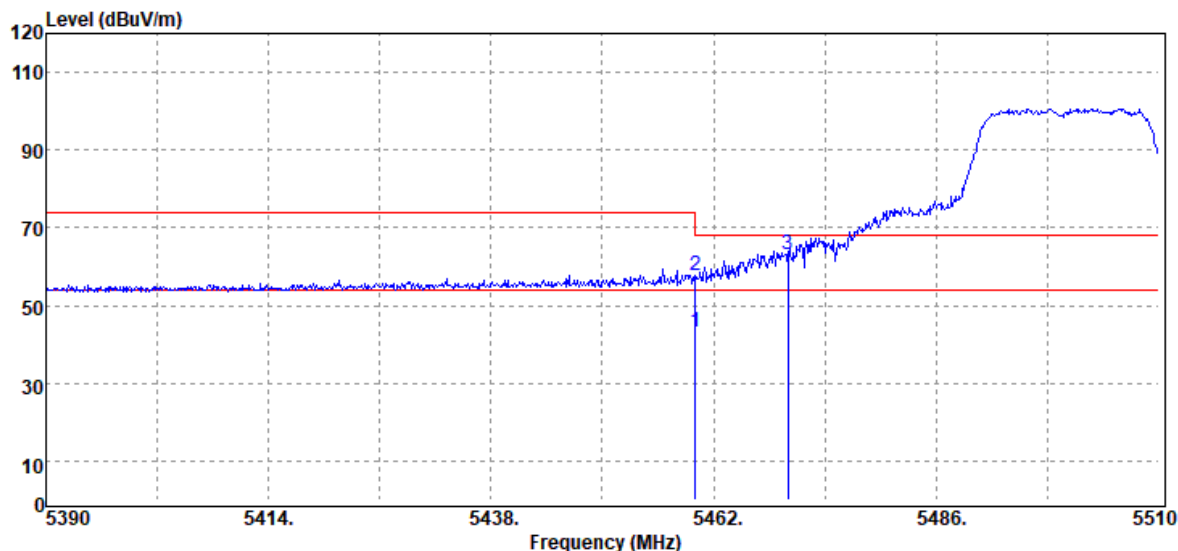
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.00	Average	46.90	5.21	52.11	54.00	-1.89
5350.00	Peak	67.14	5.21	72.35	74.00	-1.65

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Project Number	:T190506W05	Test Date	:2019-05-15
Operation Band	:802.11n20 / Band3	Temp./Humi.	:20/50
Fundamental Frequency	:5500 MHz	Engineer	:Kane
Operation Mode	:BE CH Low	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:E2 Plan		



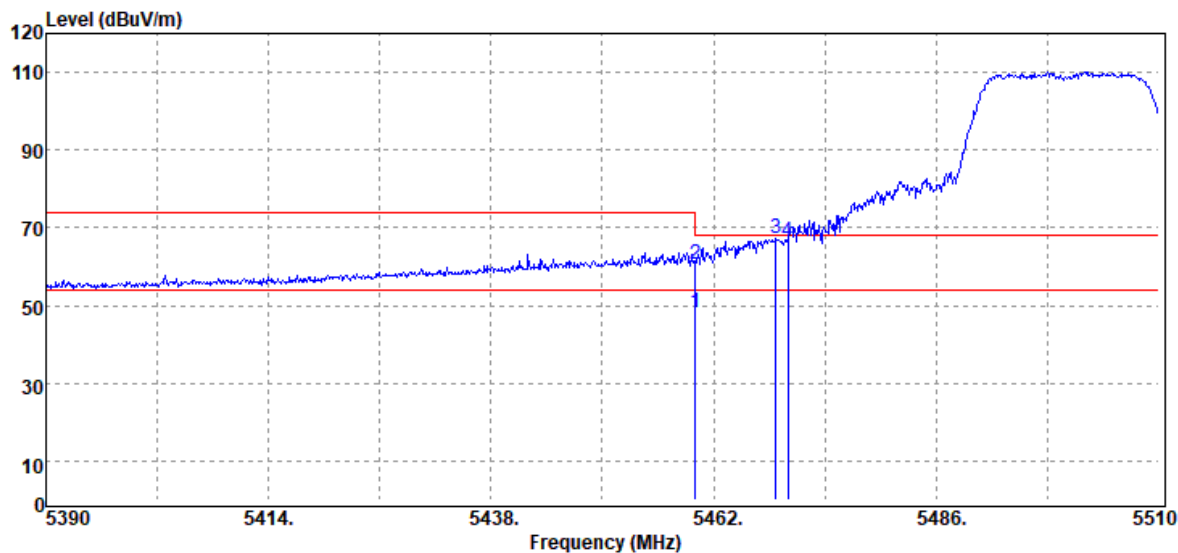
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5460.00	Average	37.62	5.63	43.25	54.00	-10.75
5460.00	Peak	52.22	5.63	57.85	74.00	-16.15
5470.00	Peak	57.53	5.65	63.18	68.20	-5.02

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Project Number	:T190506W05	Test Date	:2019-05-15
Operation Band	:802.11n20 / Band3	Temp./Humi.	:20/50
Fundamental Frequency	:5500 MHz	Engineer	:Kane
Operation Mode	:BE CH Low	Measurement Antenna Pol.	:HORIZONTAL
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	42.41	5.63	48.04	54.00	-5.96
5460.00	Peak	55.18	5.63	60.81	74.00	-13.19
5468.72	Peak	61.46	5.64	67.10	68.20	-1.10
5470.00	Peak	60.86	5.65	66.51	68.20	-1.69

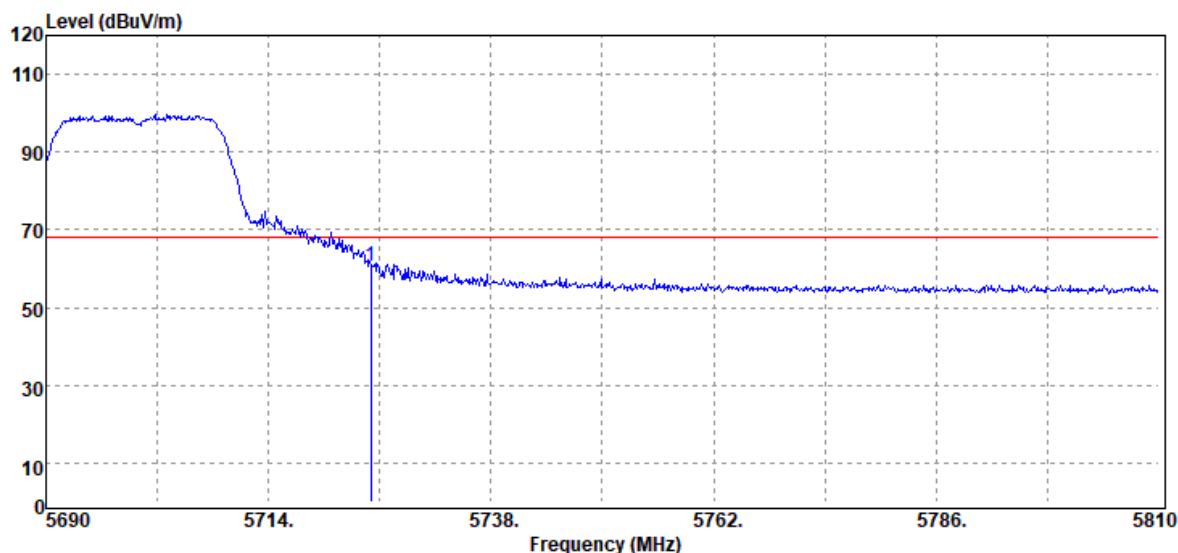
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Project Number :T190506W05
Operation Band :802.11n20 / Band3
Fundamental Frequency :5700 MHz
Operation Mode :BE CH High
EUT Pol. :E2 Plan

Test Date :2019-05-15
Temp./Humi. :20/50
Engineer :Kane
Measurement Antenna Pol. :VERTICAL



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
5725.00	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
5725.00	Peak	54.22	6.34	60.56	68.20	-7.64

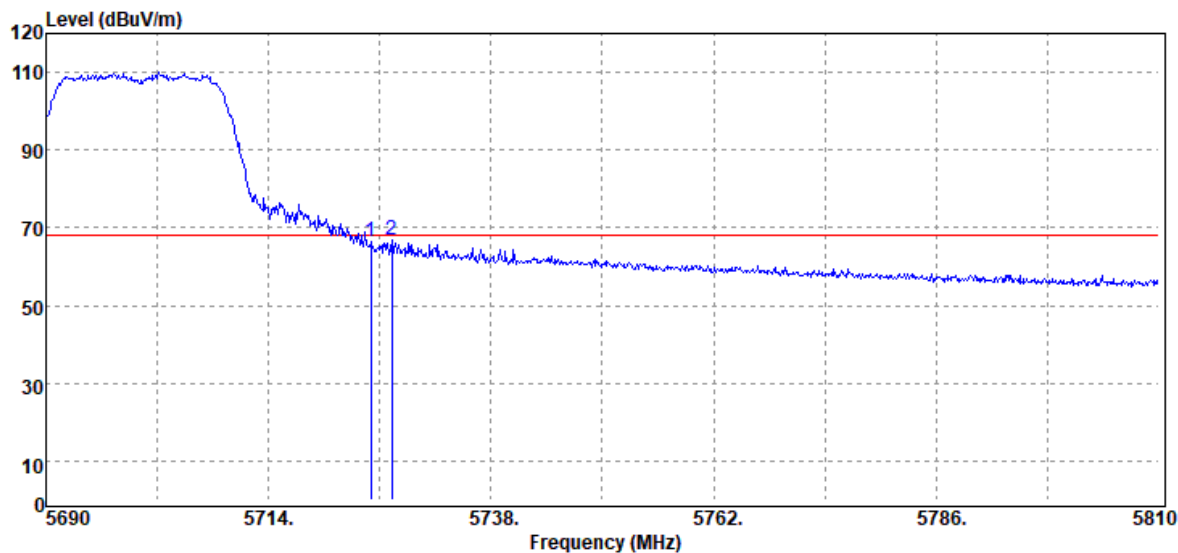
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Project Number :T190506W05
Operation Band :802.11n20 / Band3
Fundamental Frequency :5700 MHz
Operation Mode :BE CH High
EUT Pol. :E2 Plan

Test Date :2019-05-15
Temp./Humi. :20/50
Engineer :Kane
Measurement Antenna Pol. :HORIZONTAL



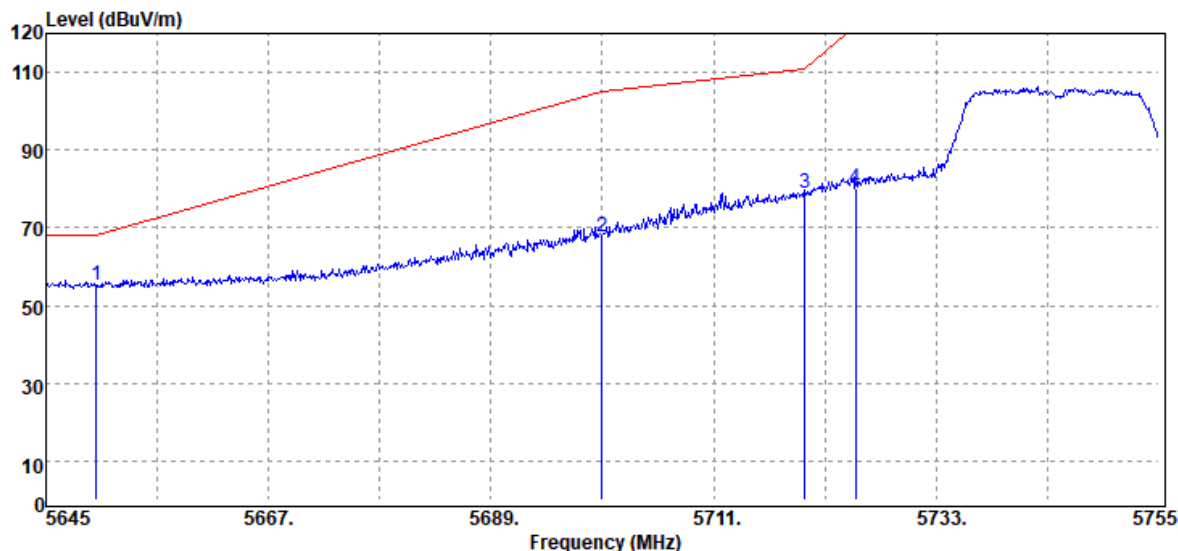
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.00	Peak	60.10	6.34	66.44	68.20	-1.76
5727.32	Peak	60.38	6.34	66.72	68.20	-1.48

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Project Number	:T190506W05	Test Date	:2019-05-15
Operation Band	:802.11n20 / Band4	Temp./Humi.	:20/50
Fundamental Frequency	:5745 MHz	Engineer	:Kane
Operation Mode	:BE CH Low	Measurement Antenna Pol.	:VERTICAL
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	49.04	6.04	55.08	68.20	-13.12
5700.00	Peak	61.17	6.32	67.49	105.20	-37.71
5720.00	Peak	72.74	6.33	79.07	110.80	-31.73
5725.00	Peak	73.94	6.34	80.28	122.20	-41.92

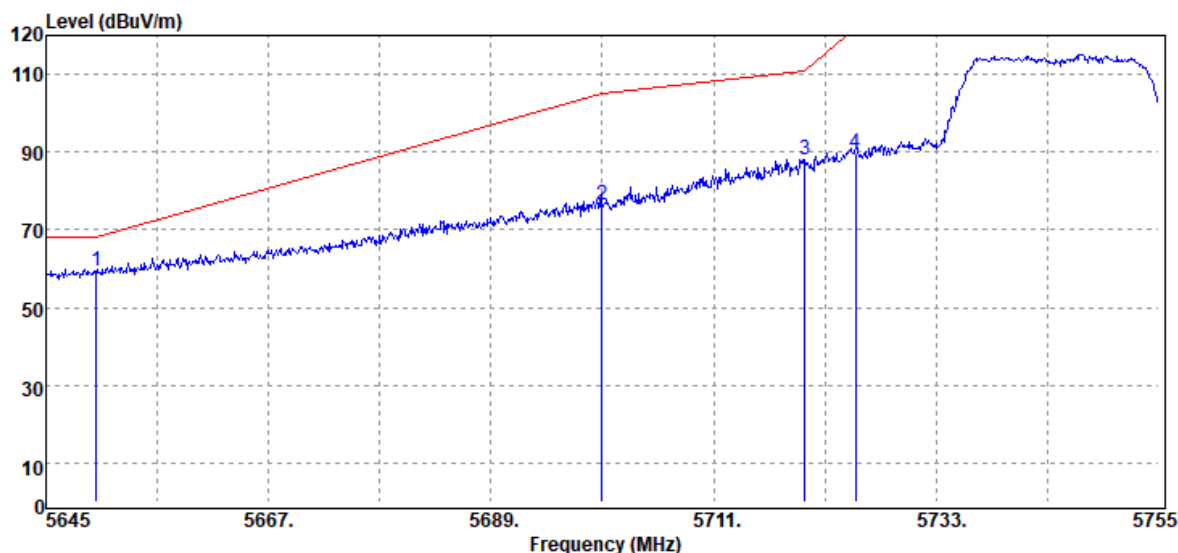
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Project Number :T190506W05
 Operation Band :802.11n20 / Band4
 Fundamental Frequency :5745 MHz
 Operation Mode :BE CH Low
 EUT Pol. :E2 Plan

Test Date :2019-05-15
 Temp./Humi. :20/50
 Engineer :Kane
 Measurement Antenna Pol. :HORIZONTAL



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	53.31	6.04	59.35	68.20	-8.85
5700.00	Peak	69.91	6.32	76.23	105.20	-28.97
5720.00	Peak	81.78	6.33	88.11	110.80	-22.69
5725.00	Peak	83.52	6.34	89.86	122.20	-32.34

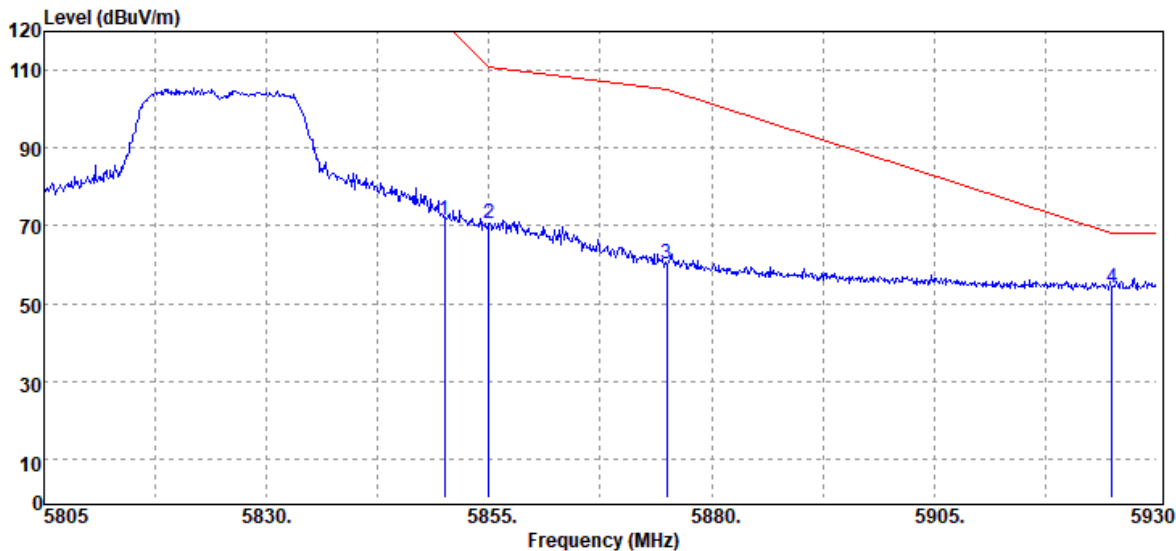
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Project Number :T190506W05
Operation Band :802.11n20 / Band4
Fundamental Frequency :5825 MHz
Operation Mode :BE CH High
EUT Pol. :E2 Plan

Test Date :2019-05-15
Temp./Humi. :20/50
Engineer :Kane
Measurement Antenna Pol. :VERTICAL



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	64.84	6.39	71.23	122.20	-50.97
5855.00	Peak	64.39	6.38	70.77	110.80	-40.03
5875.00	Peak	53.68	6.37	60.05	105.20	-45.15
5925.00	Peak	47.74	6.42	54.16	68.20	-14.04

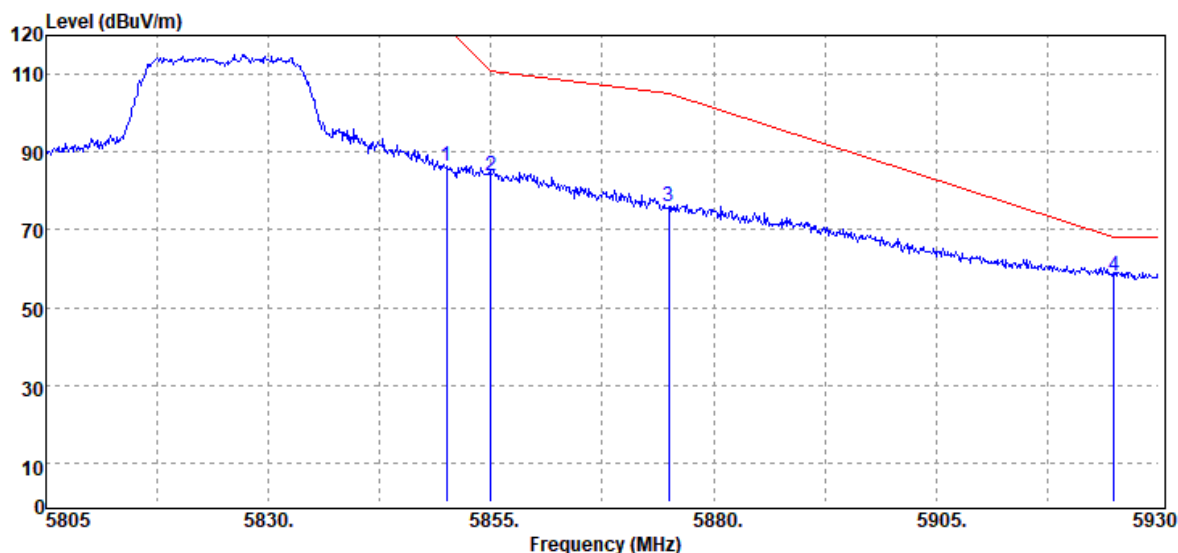
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Project Number :T190506W05
 Operation Band :802.11n20 / Band4
 Fundamental Frequency :5825 MHz
 Operation Mode :BE CH High
 EUT Pol. :E2 Plan

Test Date :2019-05-15
 Temp./Humi. :20/50
 Engineer :Kane
 Measurement Antenna Pol. :HORIZONTAL



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	80.08	6.39	86.47	122.20	-35.73
5855.00	Peak	77.34	6.38	83.72	110.80	-27.08
5875.00	Peak	69.70	6.37	76.07	105.20	-29.13
5925.00	Peak	51.67	6.42	58.09	68.20	-10.11

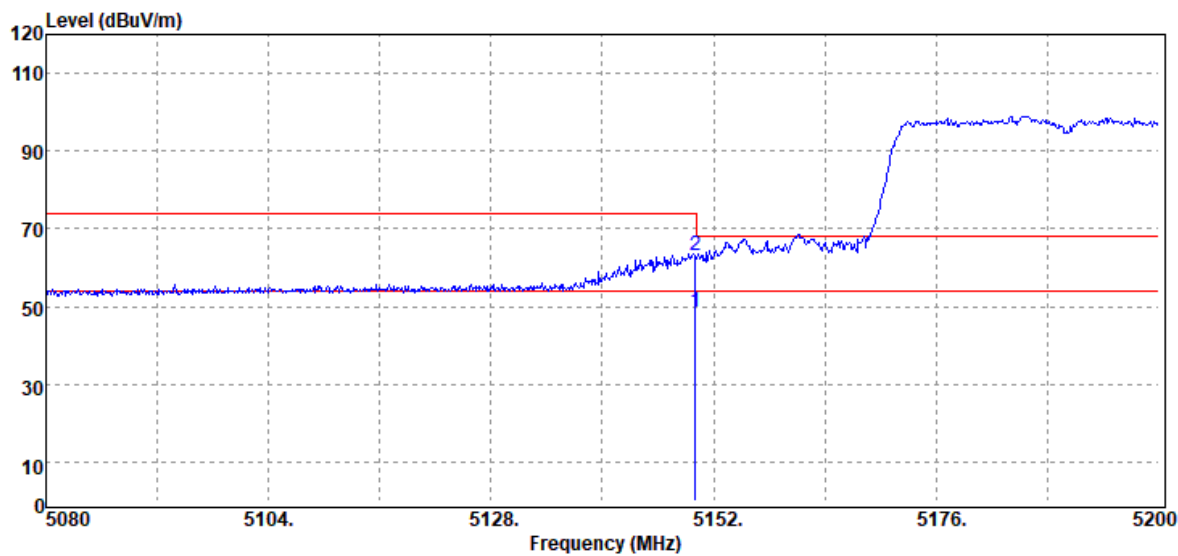
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802.11n40 HT mode

Project Number	:T190506W05	Test Date	:2019-05-15
Operation Band	:802.11n40 / Band1	Temp./Humi.	:20/50
Fundamental Frequency	:5190 MHz	Engineer	:Kane
Operation Mode	:BE CH Low	Measurement Antenna Pol.	:VERTICAL
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
5150.00	Average	43.54	4.92	48.46	54.00	-5.54
5150.00	Peak	58.01	4.92	62.93	74.00	-11.07

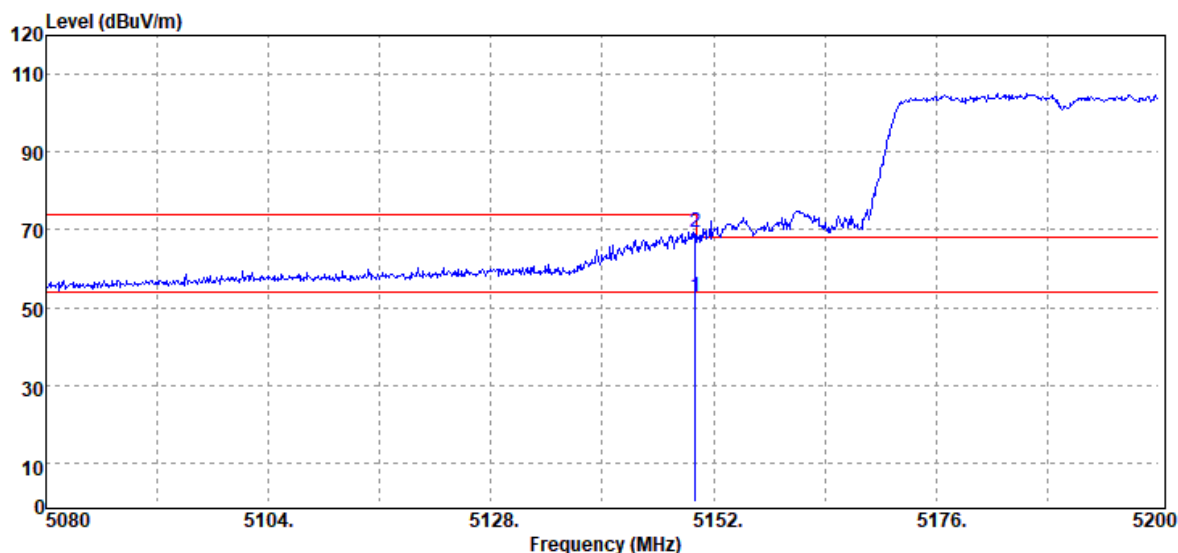
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Project Number :T190506W05
 Operation Band :802.11n40 / Band1
 Fundamental Frequency :5190 MHz
 Operation Mode :BE CH Low
 EUT Pol. :E2 Plan

Test Date :2019-05-15
 Temp./Humi. :20/50
 Engineer :Kane
 Measurement Antenna Pol. :HORIZONTAL



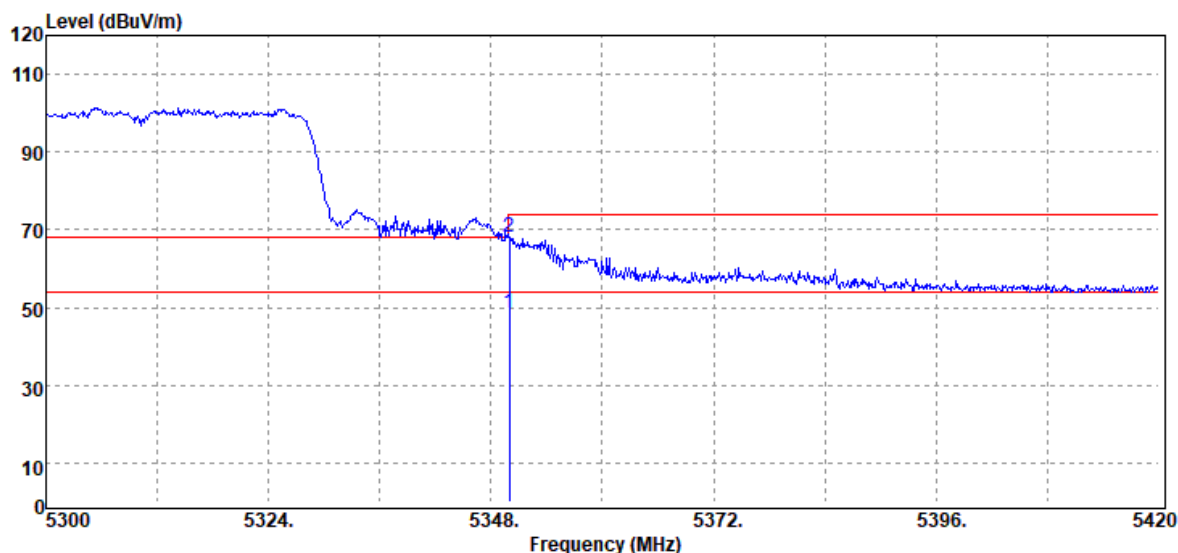
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
5150.00	Average	47.93	4.92	52.85	54.00	-1.15
5150.00	Peak	64.36	4.92	69.28	74.00	-4.72

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Project Number	:T190506W05	Test Date	:2019-05-15
Operation Band	:802.11n40 / Band2	Temp./Humi.	:20/50
Fundamental Frequency	:5310 MHz	Engineer	:Kane
Operation Mode	:BE CH High	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:E2 Plan		



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
5350.00	Average	43.28	5.21	48.49	54.00	-5.51
5350.00	Peak	62.86	5.21	68.07	74.00	-5.93

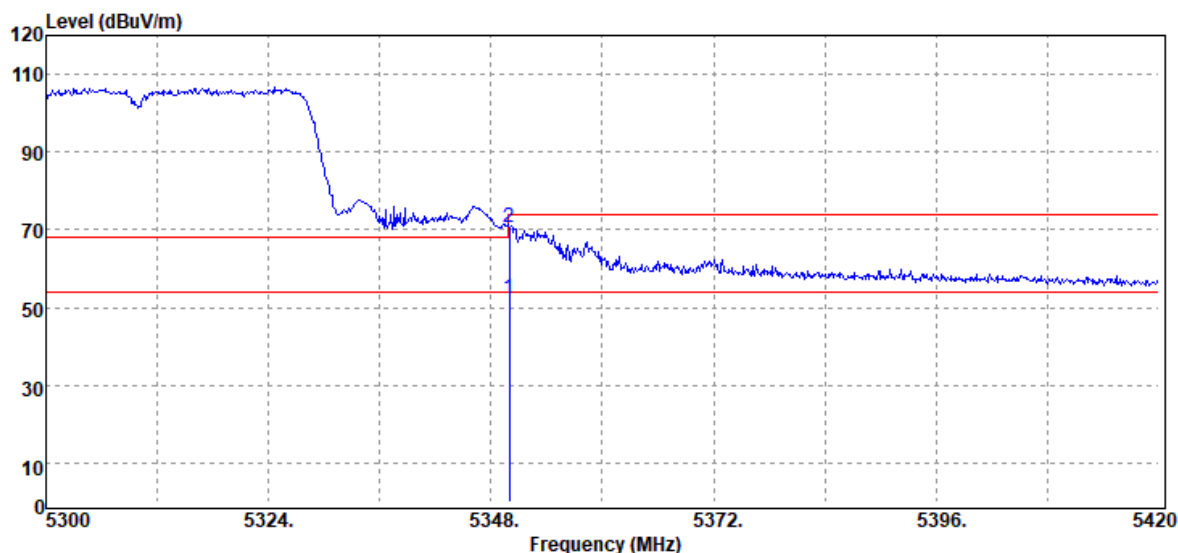
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Project Number :T190506W05
 Operation Band :802.11n40 / Band2
 Fundamental Frequency :5310 MHz
 Operation Mode :BE CH High
 EUT Pol. :E2 Plan

Test Date :2019-05-15
 Temp./Humi. :20/50
 Engineer :Kane
 Measurement Antenna Pol. :HORIZONTAL



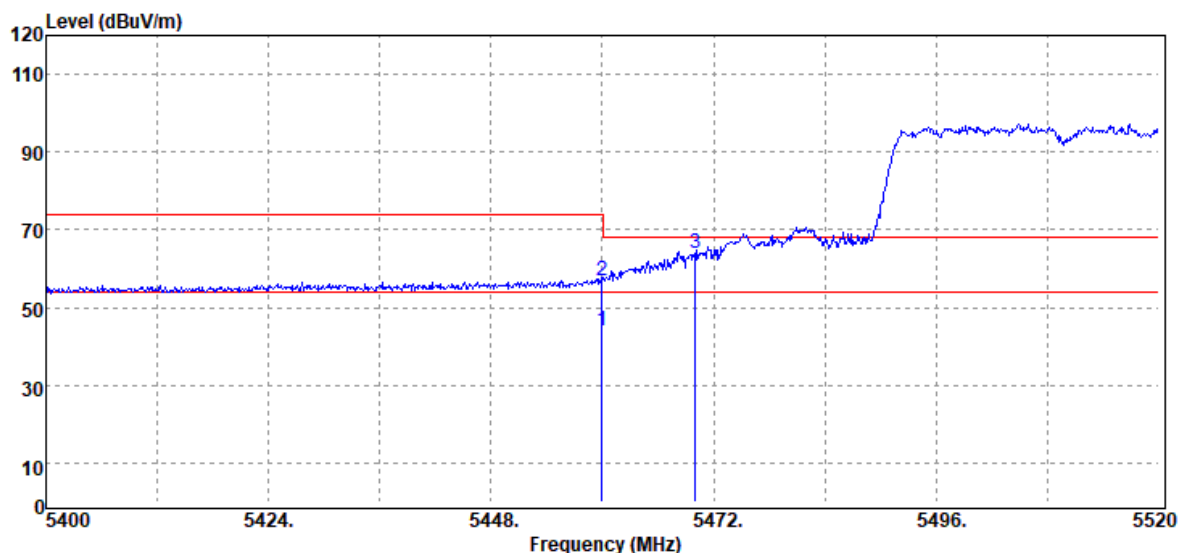
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.00	Average	47.17	5.21	52.38	54.00	-1.62
5350.00	Peak	65.48	5.21	70.69	74.00	-3.31

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Project Number	:T190506W05	Test Date	:2019-05-15
Operation Band	:802.11n40 / Band3	Temp./Humi.	:20/50
Fundamental Frequency	:5510 MHz	Engineer	:Kane
Operation Mode	:BE CH Low	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:E2 Plan		



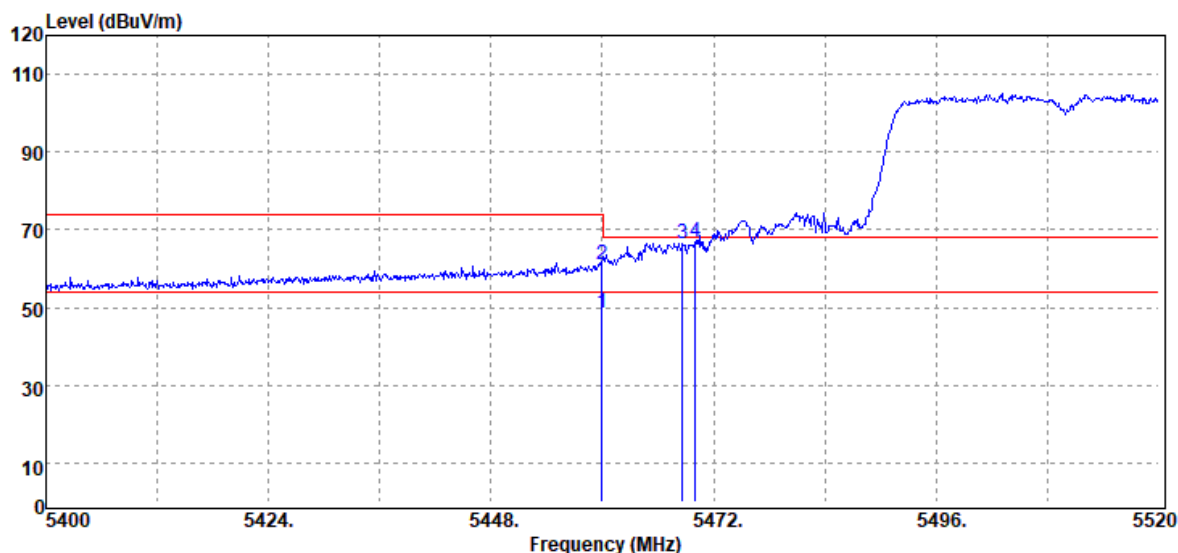
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5460.00	Average	38.31	5.63	43.94	54.00	-10.06
5460.00	Peak	51.26	5.63	56.89	74.00	-17.11
5470.00	Peak	58.12	5.65	63.77	68.20	-4.43

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Project Number	:T190506W05	Test Date	:2019-05-15
Operation Band	:802.11n40 / Band3	Temp./Humi.	:20/50
Fundamental Frequency	:5510 MHz	Engineer	:Kane
Operation Mode	:BE CH Low	Measurement Antenna Pol.	:HORIZONTAL
EUT Pol.	:E2 Plan		



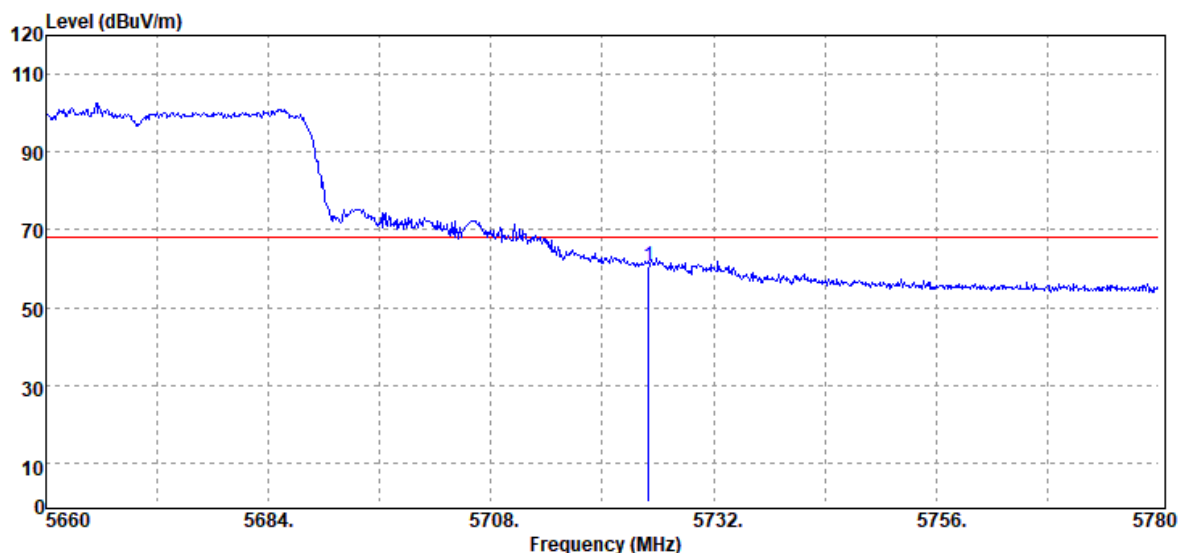
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5460.00	Average	43.15	5.63	48.78	54.00	-5.22
5460.00	Peak	55.34	5.63	60.97	74.00	-13.03
5468.64	Peak	60.93	5.64	66.57	68.20	-1.63
5470.00	Peak	61.09	5.65	66.74	68.20	-1.46

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Project Number	:T190506W05	Test Date	:2019-05-15
Operation Band	:802.11n40 / Band3	Temp./Humi.	:20/50
Fundamental Frequency	:5670 MHz	Engineer	:Kane
Operation Mode	:BE CH High	Measurement Antenna Pol.	:VERTICAL
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
5725.00	Peak	54.34	6.34	60.68	68.20	-7.52

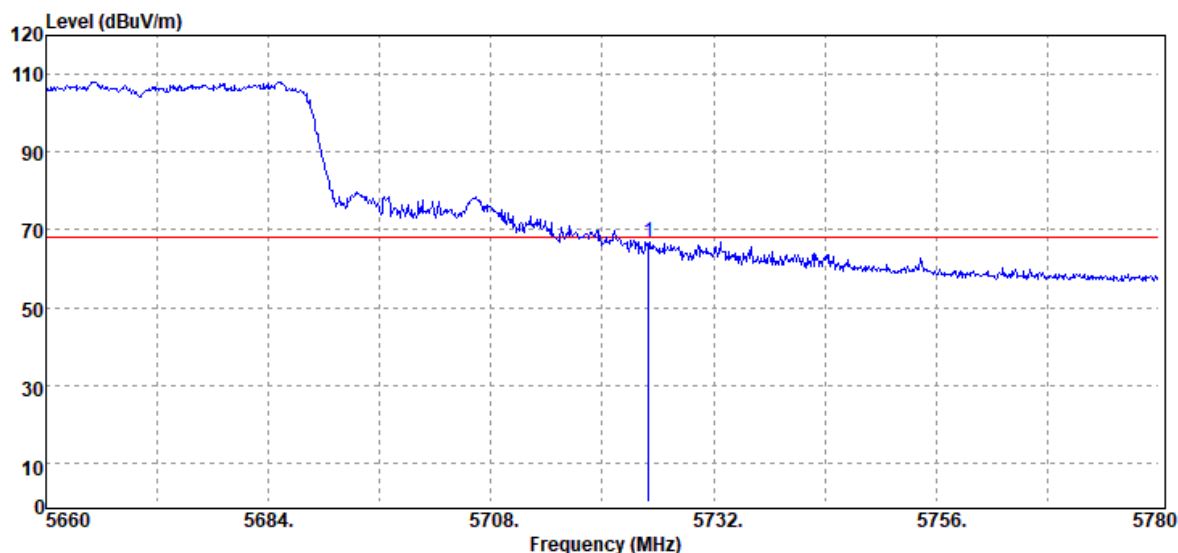
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Project Number :T190506W05
Operation Band :802.11n40 / Band3
Fundamental Frequency :5670 MHz
Operation Mode :BE CH High
EUT Pol. :E2 Plan

Test Date :2019-05-15
Temp./Humi. :20/50
Engineer :Kane
Measurement Antenna Pol. :HORIZONTAL



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
5725.00	Peak	60.71	6.34	67.05	68.20	-1.15

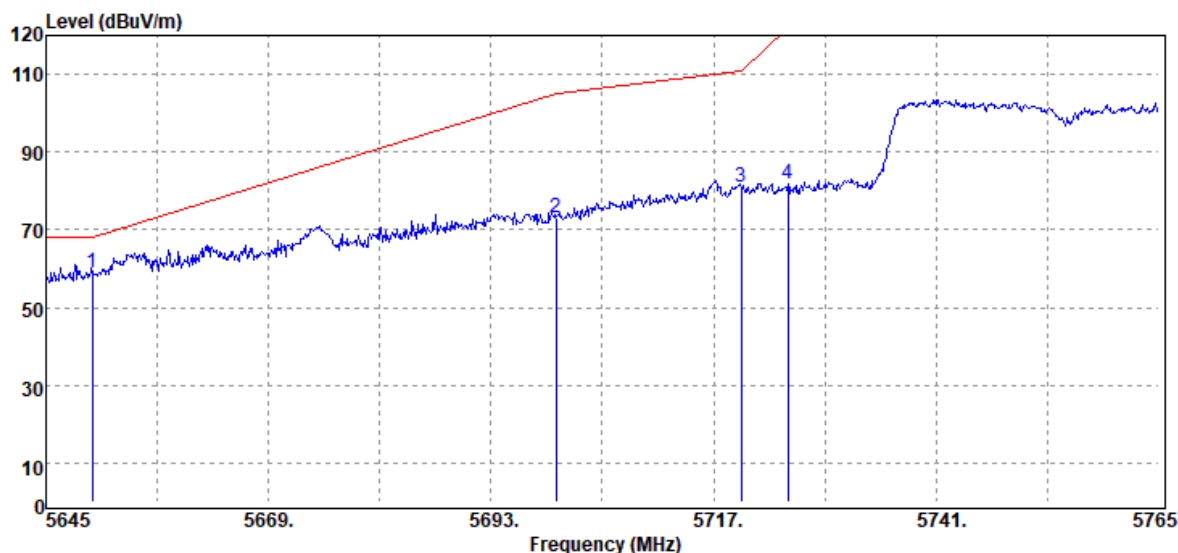
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Project Number :T190506W05
 Operation Band :802.11n40 / Band4
 Fundamental Frequency :5755 MHz
 Operation Mode :BE CH Low
 EUT Pol. :E2 Plan

Test Date :2019-05-15
 Temp./Humi. :20/50
 Engineer :Kane
 Measurement Antenna Pol. :VERTICAL



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	52.79	6.04	58.83	68.20	-9.37
5700.00	Peak	66.87	6.32	73.19	105.20	-32.01
5720.00	Peak	74.69	6.33	81.02	110.80	-29.78
5725.00	Peak	75.51	6.34	81.85	122.20	-40.35

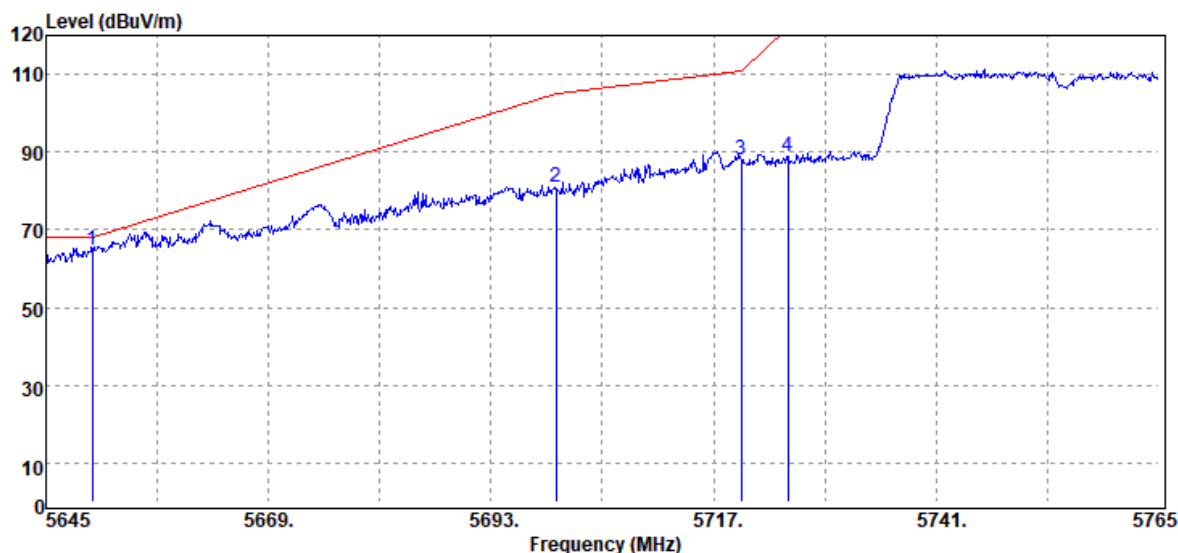
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Project Number :T190506W05
 Operation Band :802.11n40 / Band4
 Fundamental Frequency :5755 MHz
 Operation Mode :BE CH Low
 EUT Pol. :E2 Plan

Test Date :2019-05-15
 Temp./Humi. :20/50
 Engineer :Kane
 Measurement Antenna Pol. :HORIZONTAL



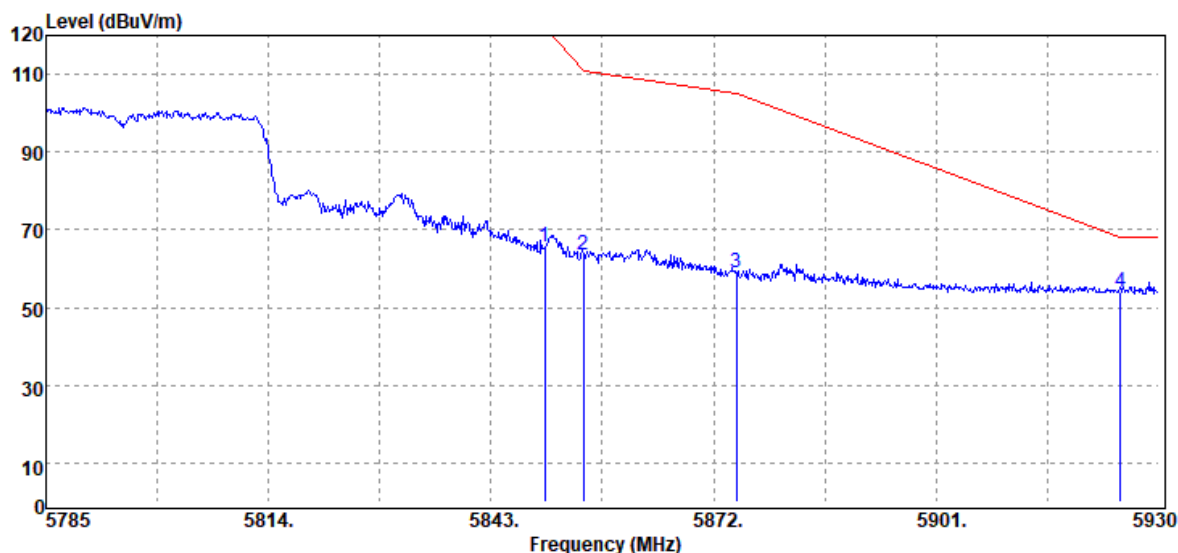
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	58.55	6.04	64.59	68.20	-3.61
5700.00	Peak	74.58	6.32	80.90	105.20	-24.30
5720.00	Peak	81.60	6.33	87.93	110.80	-22.87
5725.00	Peak	82.52	6.34	88.86	122.20	-33.34

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Project Number	:T190506W05	Test Date	:2019-05-15
Operation Band	:802.11n40 / Band4	Temp./Humi.	:20/50
Fundamental Frequency	:5795 MHz	Engineer	:Kane
Operation Mode	:BE CH High	Measurement Antenna Pol.	:VERTICAL
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	59.24	6.39	65.63	122.20	-56.57
5855.00	Peak	57.02	6.38	63.40	110.80	-47.40
5875.00	Peak	52.46	6.37	58.83	105.20	-46.37
5925.00	Peak	47.76	6.42	54.18	68.20	-14.02

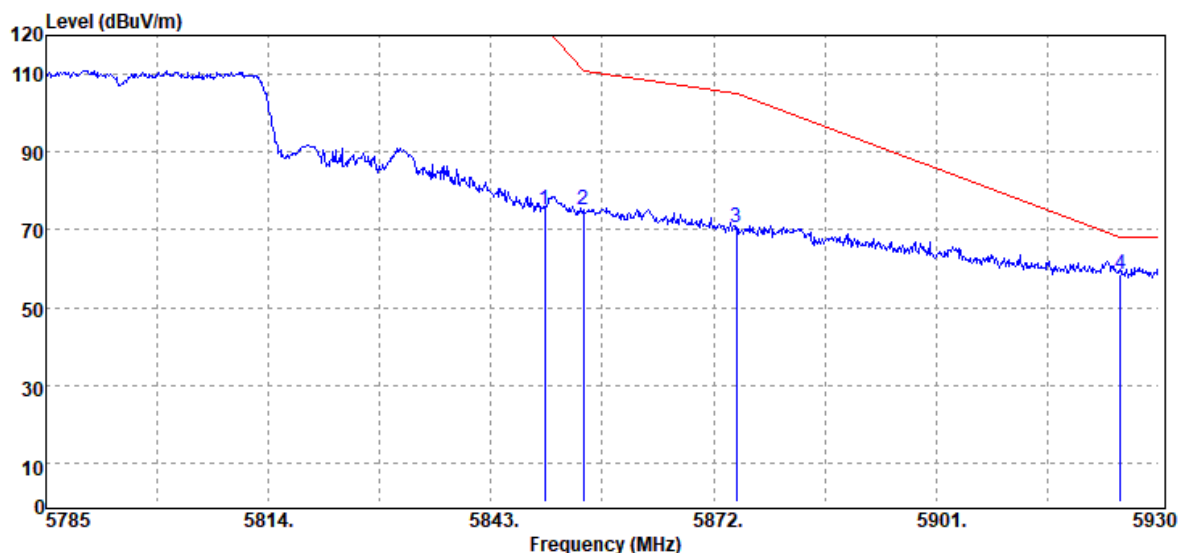
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Project Number :T190506W05
 Operation Band :802.11n40 / Band4
 Fundamental Frequency :5795 MHz
 Operation Mode :BE CH High
 EUT Pol. :E2 Plan

Test Date :2019-05-15
 Temp./Humi. :20/50
 Engineer :Kane
 Measurement Antenna Pol. :HORIZONTAL



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	68.97	6.39	75.36	122.20	-46.84
5855.00	Peak	68.62	6.38	75.00	110.80	-35.80
5875.00	Peak	64.34	6.37	70.71	105.20	-34.49
5925.00	Peak	52.19	6.42	58.61	68.20	-9.59

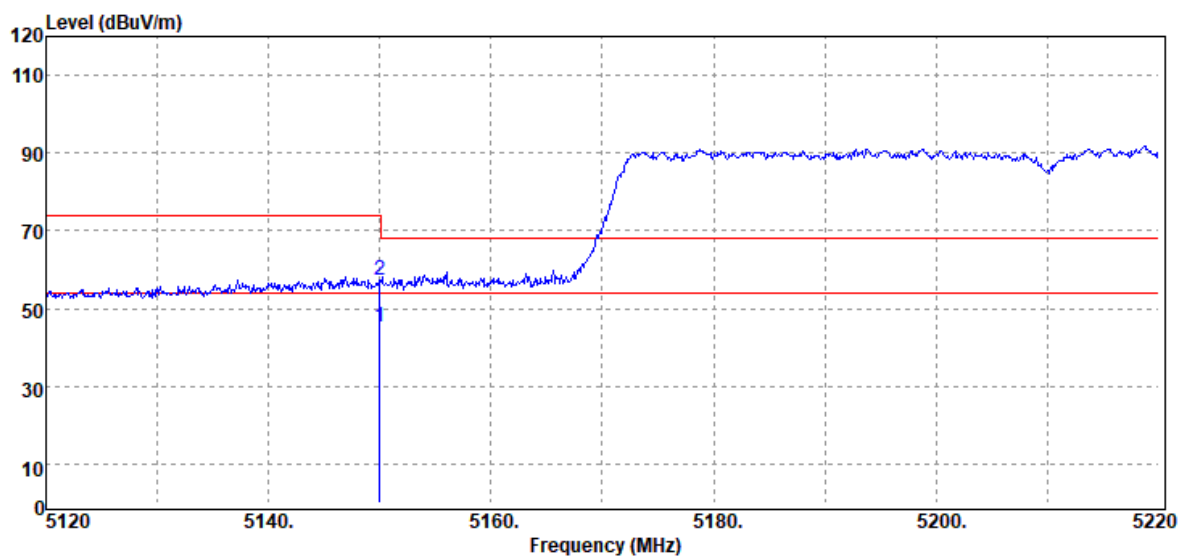
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802.11ac80 VHT mode

Project Number	:T190506W05	Test Date	:2019-05-15
Operation Band	:802.11ac80 / Band1	Temp./Humi.	:20/50
Fundamental Frequency	:5210 MHz	Engineer	:Kane
Operation Mode	:BE CH Low	Measurement Antenna Pol.	:VERTICAL
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
5150.00	Average	40.40	4.92	45.32	54.00	-8.68
5150.00	Peak	52.54	4.92	57.46	74.00	-16.54

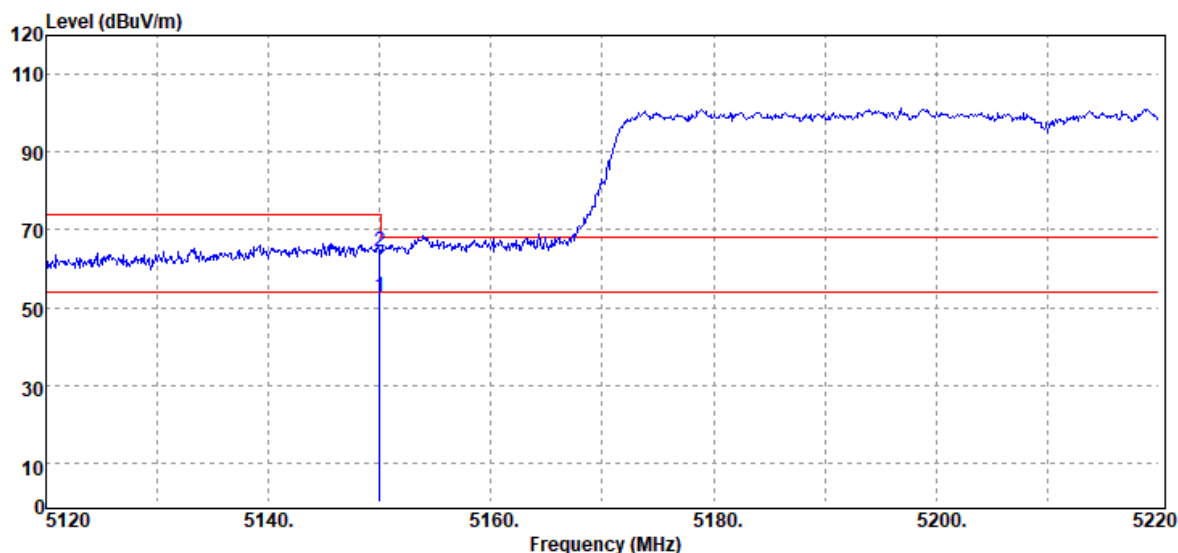
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Project Number :T190506W05
Operation Band :802.11ac80 / Band1
Fundamental Frequency :5210 MHz
Operation Mode :BE CH Low
EUT Pol. :E2 Plan

Test Date :2019-05-15
Temp./Humi. :20/50
Engineer :Kane
Measurement Antenna Pol. :HORIZONTAL



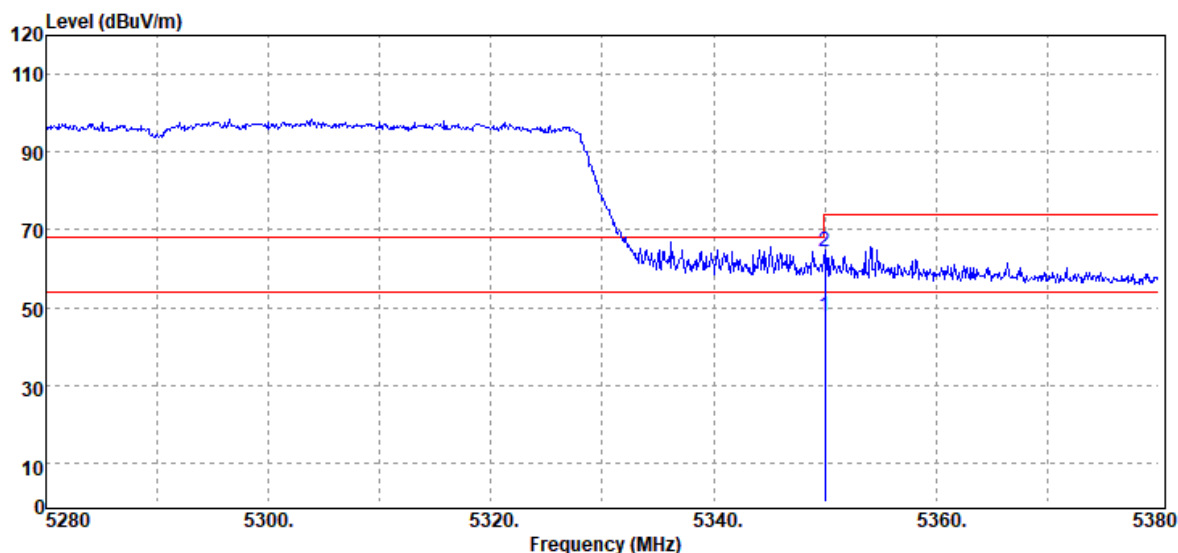
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
5150.00	Average	47.93	4.92	52.85	54.00	-1.15
5150.00	Peak	59.52	4.92	64.44	74.00	-9.56

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Project Number	:T190506W05	Test Date	:2019-05-15
Operation Band	:802.11ac80 / Band2	Temp./Humi.	:20/50
Fundamental Frequency	:5290 MHz	Engineer	:Kane
Operation Mode	:BE CH High	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:E2 Plan		



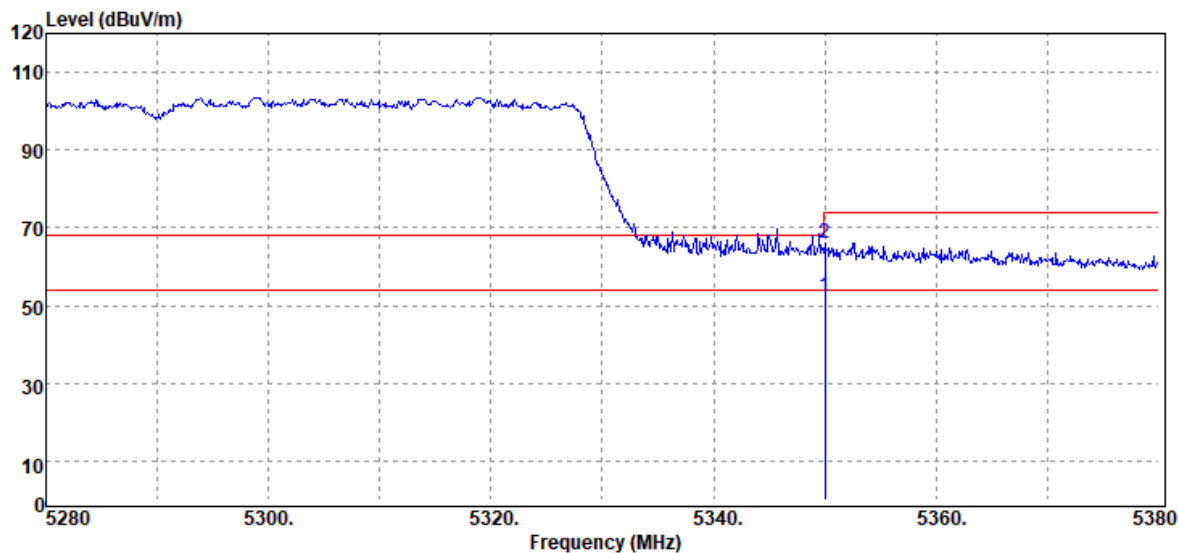
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
5350.00	Average	42.72	5.21	47.93	54.00	-6.07
5350.00	Peak	58.98	5.21	64.19	74.00	-9.81

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Project Number	:T190506W05	Test Date	:2019-05-15
Operation Band	:802.11ac80 / Band2	Temp./Humi.	:20/50
Fundamental Frequency	:5290 MHz	Engineer	:Kane
Operation Mode	:BE CH High	Measurement Antenna Pol.	:HORIZONTAL
EUT Pol.	:E2 Plan		



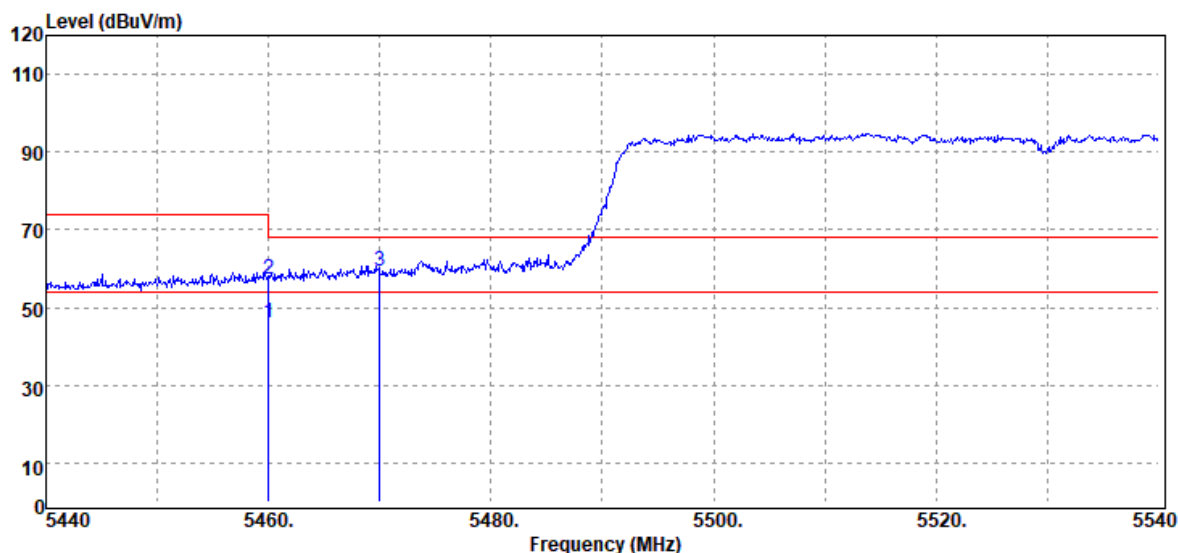
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.00	Average	47.31	5.21	52.52	54.00	-1.48
5350.00	Peak	60.61	5.21	65.82	74.00	-8.18

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Project Number	:T190506W05	Test Date	:2019-05-15
Operation Band	:802.11ac80 / Band3	Temp./Humi.	:20/50
Fundamental Frequency	:5530 MHz	Engineer	:Kane
Operation Mode	:BE CH Low	Measurement Antenna Pol.	:VERTICAL
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	40.47	5.63	46.10	54.00	-7.90
5460.00	Peak	51.71	5.63	57.34	74.00	-16.66
5470.00	Peak	53.63	5.65	59.28	68.20	-8.92

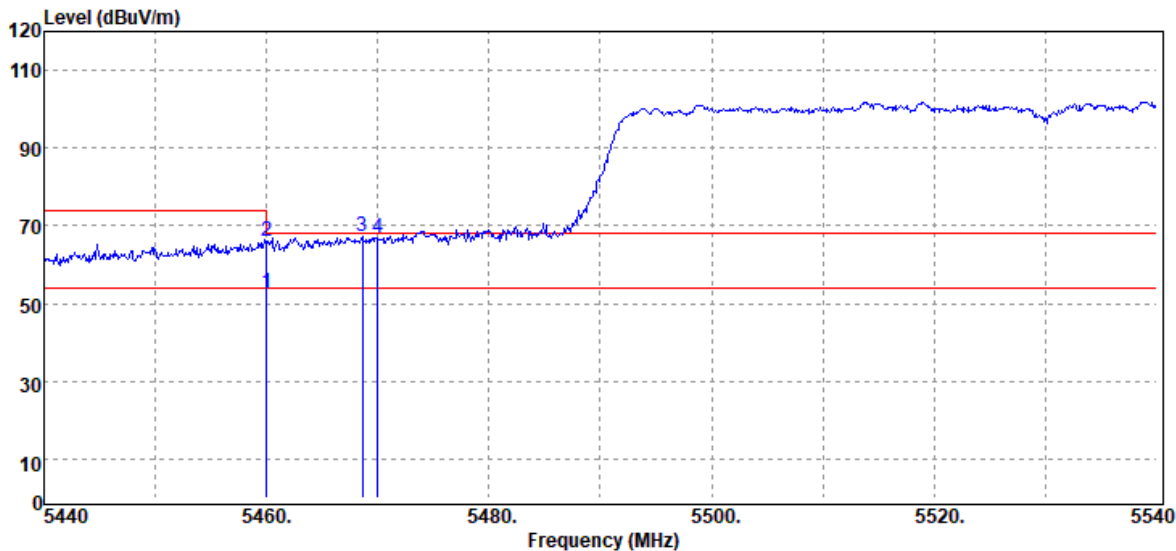
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Project Number :T190506W05
Operation Band :802.11ac80 / Band3
Fundamental Frequency :5530 MHz
Operation Mode :BE CH Low
EUT Pol. :E2 Plan

Test Date :2019-05-15
Temp./Humi. :20/50
Engineer :Kane
Measurement Antenna Pol. :HORIZONTAL



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	46.97	5.63	52.60	54.00	-1.40
5460.00	Peak	60.43	5.63	66.06	74.00	-7.94
5468.60	Peak	61.49	5.64	67.13	68.20	-1.07
5470.00	Peak	61.13	5.65	66.78	68.20	-1.42

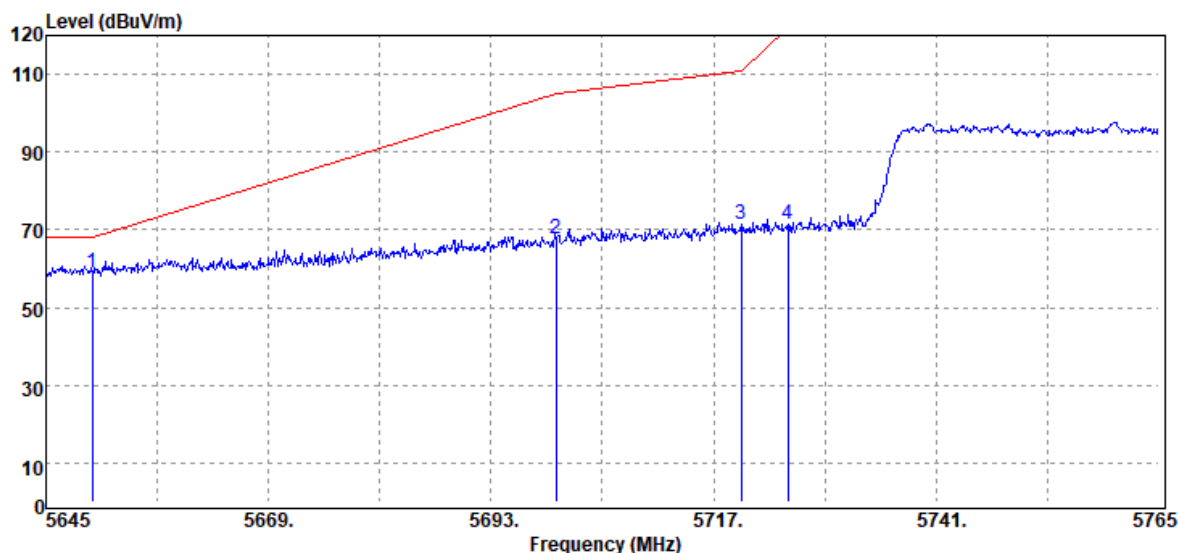
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Project Number :T190506W05
 Operation Band :802.11ac80 / Band4
 Fundamental Frequency :5775 MHz
 Operation Mode :BE CH Low
 EUT Pol. :E2 Plan

Test Date :2019-05-15
 Temp./Humi. :20/50
 Engineer :Kane
 Measurement Antenna Pol. :VERTICAL



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	52.94	6.04	58.98	68.20	-9.22
5700.00	Peak	61.37	6.32	67.69	105.20	-37.51
5720.00	Peak	64.93	6.33	71.26	110.80	-39.54
5725.00	Peak	65.17	6.34	71.51	122.20	-50.69

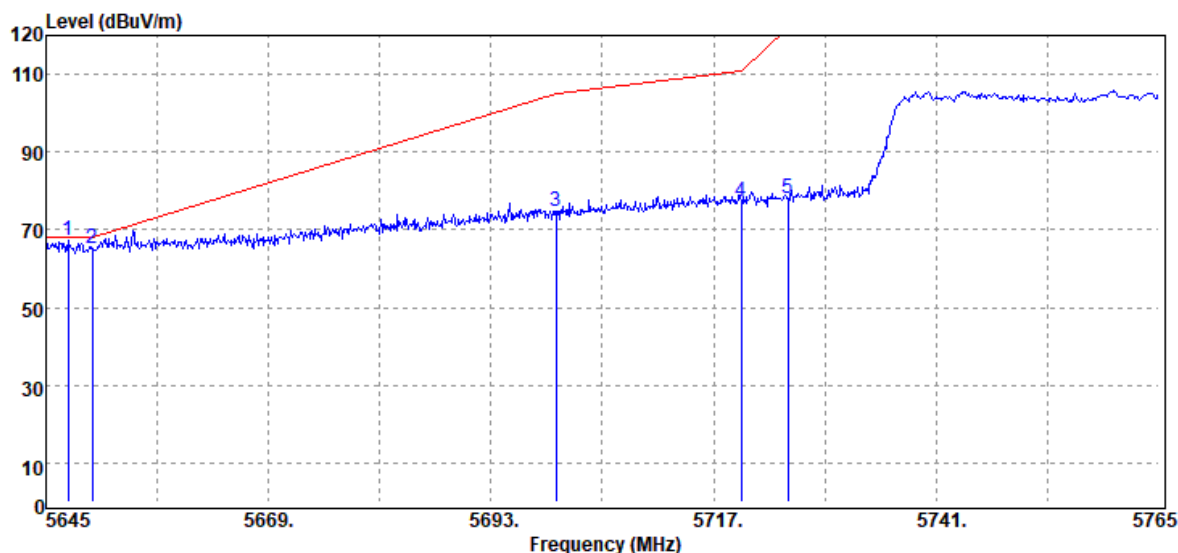
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Project Number :T190506W05
 Operation Band :802.11ac80 / Band4
 Fundamental Frequency :5775 MHz
 Operation Mode :BE CH Low
 EUT Pol. :E2 Plan

Test Date :2019-05-15
 Temp./Humi. :20/50
 Engineer :Kane
 Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5647.40	Peak	61.16	6.02	67.18	68.20	-1.02
5650.00	Peak	59.13	6.04	65.17	68.20	-3.03
5700.00	Peak	68.23	6.32	74.55	105.20	-30.65
5720.00	Peak	71.07	6.33	77.40	110.80	-33.40
5725.00	Peak	71.62	6.34	77.96	122.20	-44.24

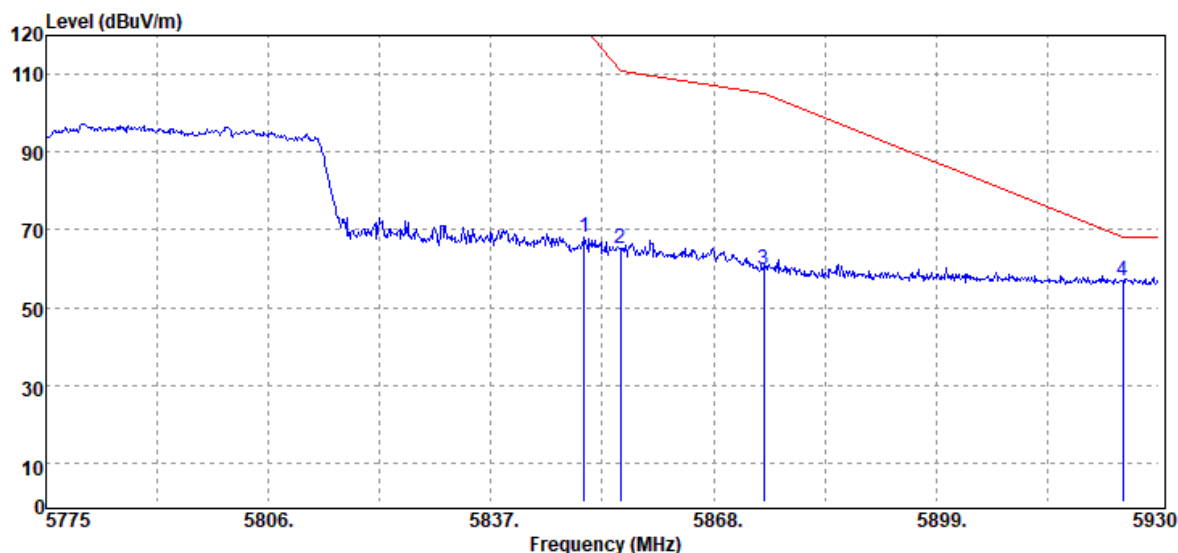
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Project Number :T190506W05
 Operation Band :802.11ac80 / Band4
 Fundamental Frequency :5775 MHz
 Operation Mode :BE CH High
 EUT Pol. :E2 Plan

Test Date :2019-05-15
 Temp./Humi. :20/50
 Engineer :Kane
 Measurement Antenna Pol. :VERTICAL



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	61.81	6.39	68.20	122.20	-54.00
5855.00	Peak	58.69	6.38	65.07	110.80	-45.73
5875.00	Peak	53.61	6.37	59.98	105.20	-45.22
5925.00	Peak	50.64	6.42	57.06	68.20	-11.14

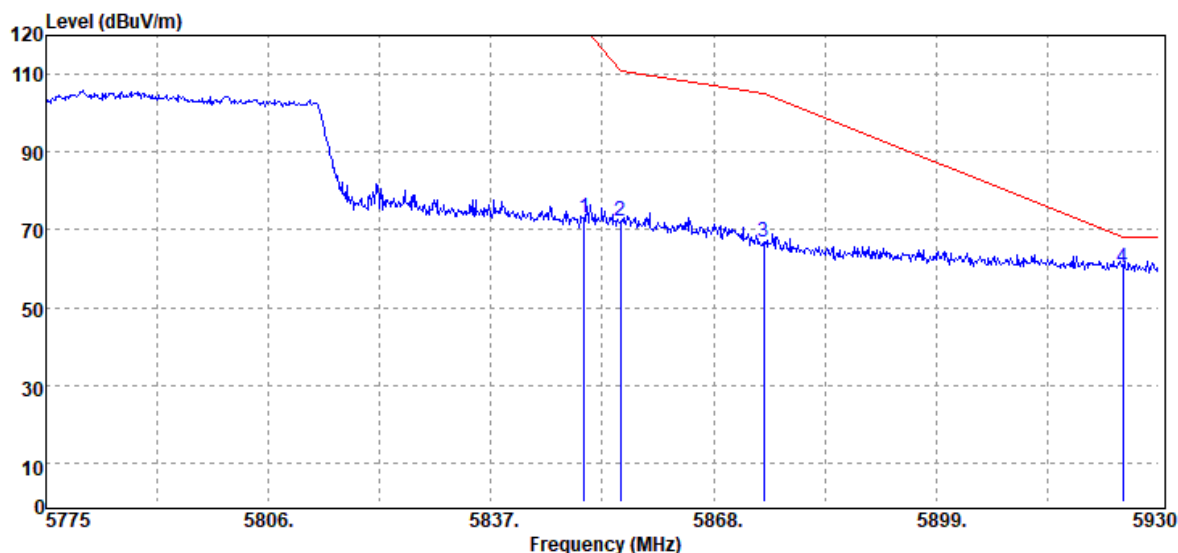
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Project Number :T190506W05
 Operation Band :802.11ac80 / Band4
 Fundamental Frequency :5775 MHz
 Operation Mode :BE CH High
 EUT Pol. :E2 Plan

Test Date :2019-05-15
 Temp./Humi. :20/50
 Engineer :Kane
 Measurement Antenna Pol. :HORIZONTAL



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	66.66	6.39	73.05	122.20	-49.15
5855.00	Peak	65.73	6.38	72.11	110.80	-38.69
5875.00	Peak	60.45	6.37	66.82	105.20	-38.38
5925.00	Peak	53.80	6.42	60.22	68.20	-7.98

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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

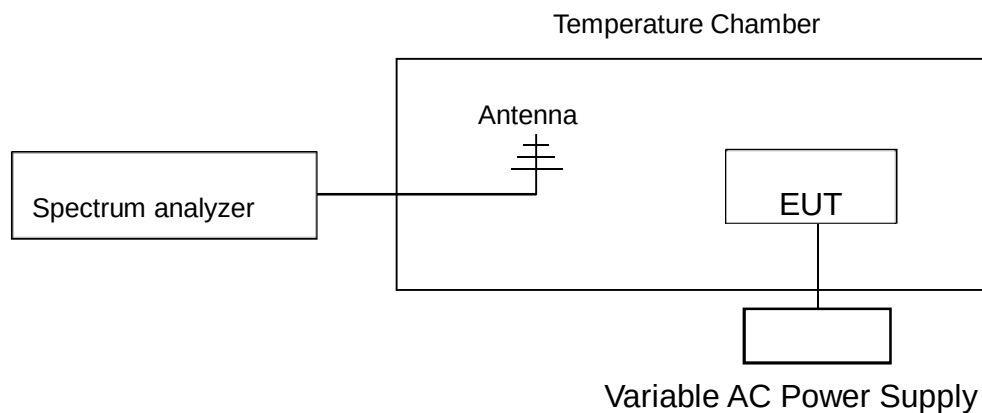
13.1 Standard Applicable

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



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13.4 Measurement Equipment Used:

EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
DC Power Supply	Agilent	E3640A	KR93300208	08/15/2018	08/14/2019
Spectrum Analyzer	Agilent	N9010A	MY53400256	11/21/2018	11/20/2019
TEMPERATURE	TEMPERATURE	HTC-1	EC-HY-01	04/18/2019	04/17/2020
DC Power Supply	GWINSTEK	SPS-3610	GPE880163	01/14/2019	01/13/2020
DC Block	Mini-Circuits	BLK-18-S+	31129(1)	02/26/2019	02/25/2020
Attenuator	Mini-Circuit	BW-S10W2+	1	02/26/2019	02/25/2020
Power Meter	Anritsu	ML2496A	1242004	10/23/2018	10/22/2019
Power Sensor	Anritsu	MA2411B	1207365	10/23/2018	10/22/2019
Power Sensor	Anritsu	MA2411B	1207368	10/24/2018	10/23/2019
Attenuator	Mini-Circuit	BW-S10W2+	3	02/26/2019	02/25/2020

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13.5 Measurement Result

Startup:

Operation Mode	802.11 a	Test Date	05/21/2019
Temperature	: 24.5°C	Test By	Peter
Humidity	: 63%		

Test Temp.(°C)	Test Voltage(V)	Channel	Measured Frequency (MHz)	Spectrum Frequency (MHz)	ΔFrequency (MHz)
-30	4.8	36	5180	5,180.00558	-0.00000108
	3	36	5180	5,179.99708	0.00000056
25	3.6	36	5180	5,180.00010	-0.00000002
85	4.8	36	5180	5,179.99368	0.00000122
	3	36	5180	5,180.00145	-0.00000028

2 Minutes:

Operation Mode	802.11 a	Test Date	05/21/2019
Temperature	: 24.5°C	Test By	Peter
Humidity	: 63%		

Test Temp.(°C)	Test Voltage(V)	Channel	Measured Frequency (MHz)	Spectrum Frequency (MHz)	ΔFrequency (MHz)
-30	4.8	36	5180	5,180.00649	-0.00000125
	3	36	5180	5,179.99678	0.00000062
25	3.6	36	5180	5,180.00958	-0.00000185
85	4.8	36	5180	5,180.00235	-0.00000045
	3	36	5180	5,180.00258	-0.00000050

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5 Minutes:

Operation Mode	802.11 a	Test Date	05/21/2019
Temperature	: 24.5°C	Test By	Peter
Humidity	: 63%		

Test Temp.(°C)	Test Voltage(V)	Channel	Measured Frequency (MHz)	Spectrum Frequency (MHz)	ΔFrequency (MHz)
-30	4.8	36	5180	5,179.99382	0.00000119
	3	36	5180	5,180.00743	-0.00000143
25	3.6	36	5180	5,180.00548	-0.00000106
85	4.8	36	5180	5,180.00715	-0.00000138
	3	36	5180	5,180.00690	-0.00000133

10 Minutes:

Operation Mode	802.11 a	Test Date	05/21/2019
Temperature	: 24.5°C	Test By	Peter
Humidity	: 63%		

Test Temp.(°C)	Test Voltage(V)	Channel	Measured Frequency (MHz)	Spectrum Frequency (MHz)	ΔFrequency (MHz)
-30	4.8	36	5180	5,179.99439	0.00000108
	3	36	5180	5,179.99328	0.00000130
25	3.6	36	5180	5,180.00331	-0.00000064
85	4.8	36	5180	5,180.00604	-0.00000117
	3	36	5180	5,179.99286	0.00000138

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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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