

EUT Frequency- 5590MHz with 10MHz

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5585	1	1	1	1	1	1	1	1	0	1	90%
5586	1	1	1	1	1	1	1	1	1	1	100%
5587											
5588											
5589											
5590	0	1	1	1	1	1	1	1	1	1	90%
5591											
5592											
5593											
5594	1	1	1	1	1	1	1	1	1	1	100%
5595	0	1	1	1	1	1	1	1	1	1	90%

Detection Bandwidth = $f_h - f_l = 5595\text{MHz} - 5585\text{MHz} = 10\text{MHz}$

EUT Frequency- 5590MHz with 20MHz

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5579	0	0	0	1	1	1	1	1	1	1	70%
5580	1	1	1	1	1	1	1	1	1	1	100%
5581											
5582											
5583											
5584											
5585	1	1	1	1	1	1	1	1	1	1	100%
5586											
5587											
5588											
5589											
5590	1	1	1	1	1	1	1	1	1	1	100%
5591											
5592											
5593											
5594											
5595	1	1	1	1	1	1	1	1	1	1	100%
5596											
5597											
5598											
5599											
5600	1	1	1	1	1	1	1	1	1	1	100%
5601	0	1	1	1	0	0	1	0	1	1	60%

Detection Bandwidth = $f_h - f_l = 5600\text{MHz} - 5580\text{MHz} = 20\text{MHz}$

EUT Frequency- 5590MHz with 30MHz

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5575	0	0	0	0	0	1	1	1	0	1	40%
5576	1	1	1	1	1	1	1	1	1	1	100%
5577											
5578											
5579											
5580	1	1	1	1	1	1	1	1	1	1	100%
5581											
5582											
5583											
5584											
5585	1	1	1	1	1	1	1	1	1	1	100%
5586											
5587											
5588											
5589											
5590	1	1	1	1	1	1	1	1	1	1	100%
5591											
5592											
5593											
5594											
5595	1	1	1	1	1	1	1	1	1	1	100%
5596											
5597											
5598											
5599											
5600	1	1	1	1	1	1	1	1	1	1	100%
5601											
5602											
5603											
5604											
5605	1	1	1	1	1	1	1	1	1	1	100%
5606	0	0	0	0	0	0	0	0	0	0	0%

Detection Bandwidth = $f_h - f_l = 5605\text{MHz} - 5576\text{MHz} = 29\text{MHz}$

EUT Frequency- 5590MHz with 40MHz

5610	1	1	1	1	1	1	1	1	1	1	100%
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Detection Bandwidth = $f_h - f_l = 5610\text{MHz} - 5570\text{MHz} = 40\text{MHz}$
