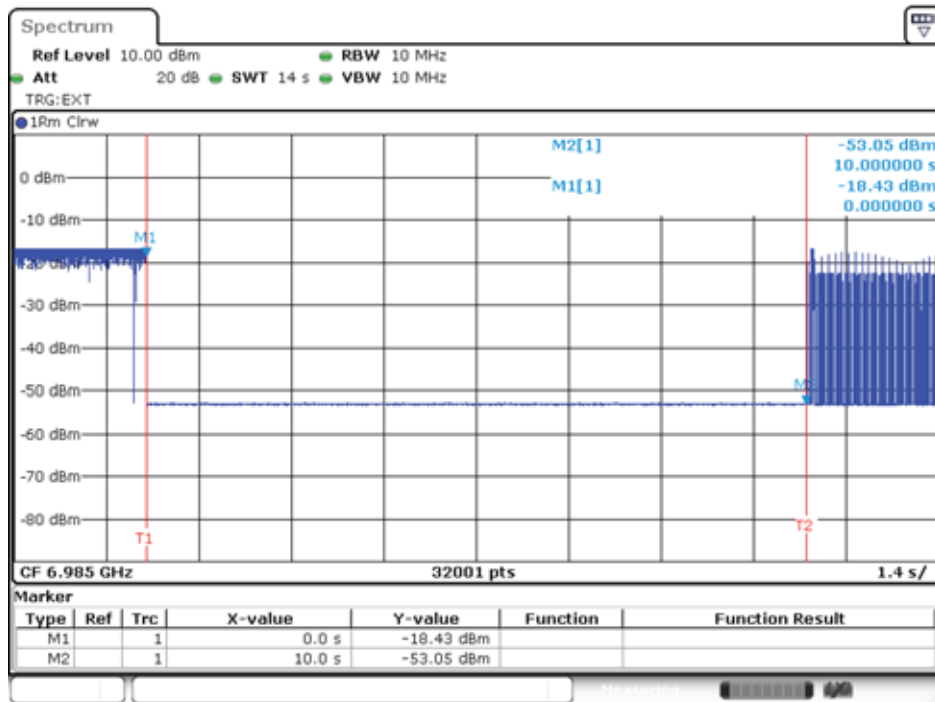


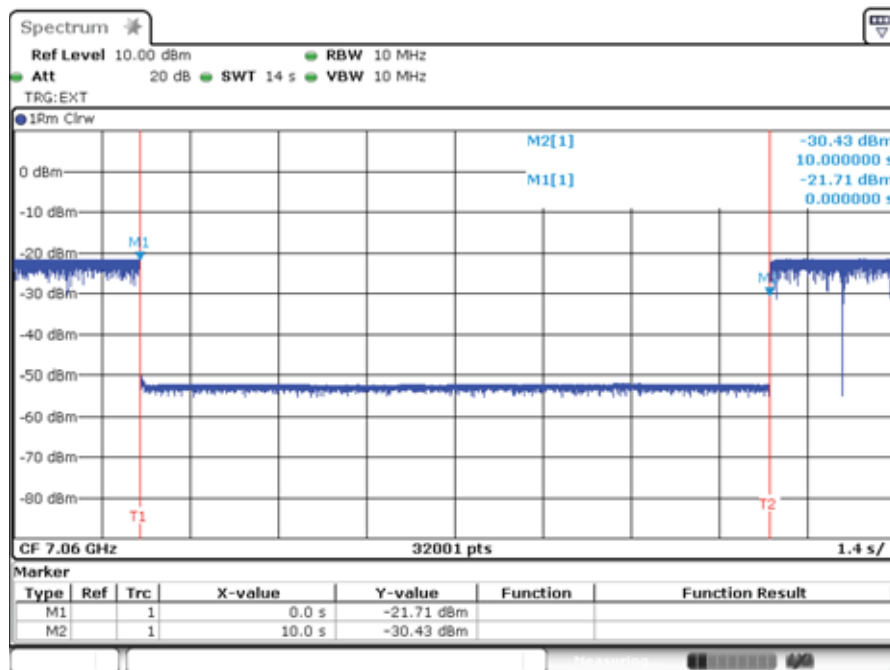
Test CH 207 ; Incumbent signal 6985 MHz



Date: 28.AUG.2021 17:38:46

Note : M1 : Inject AWGN signal ; M2 : Remove AWGN signal.

Test CH 207 ; Incumbent signal 7060 MHz



Date: 28.AUG.2021 17:34:50

Note : M1 : Inject AWGN signal ; M2 : Remove AWGN signal.

Contention Based protocol 802.11ax HEW20										
UNII Band	Test Channel	Bandwidth (MHz)	Frequency (MHz)	Intetference frequency (MHz)		Threshold level of AWGN interference (dBm)	Number of AWGN Detected (out of 10 times)	AWGN Detection Probability (%)	Limit Probability (%)	Test Result
5	49	20	6195	Center	6195	-62	10	100	90	Pass
6	105	20	6475	Center	6475	-62	10	100	90	Pass
7	149	20	6695	Center	6695	-62	10	100	90	Pass
8	209	20	6995	Center	6995	-62	10	100	90	Pass

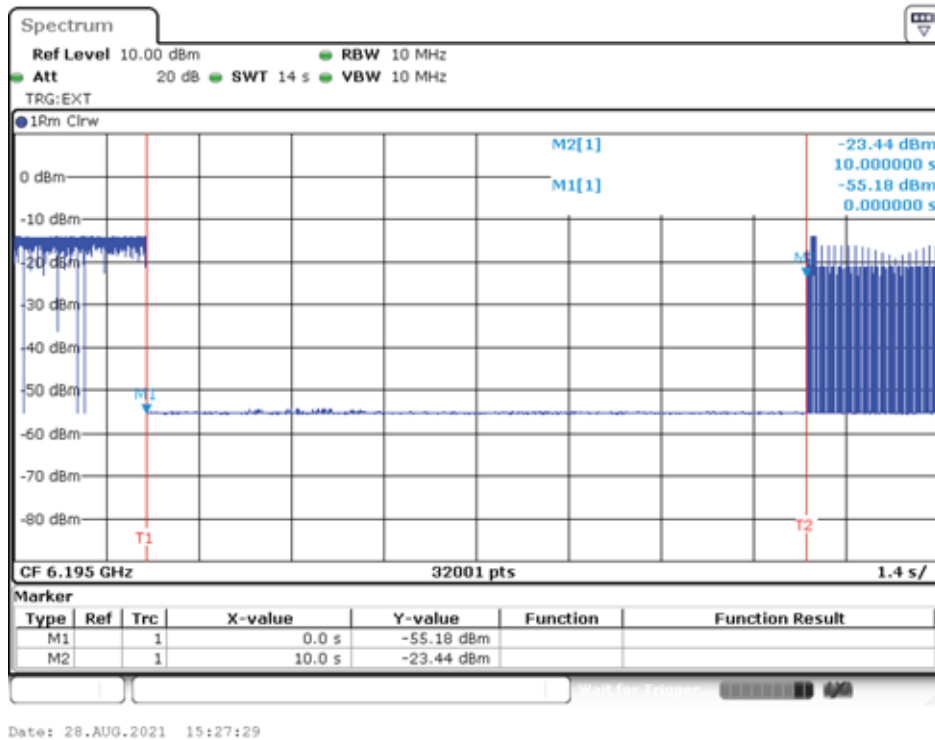
Contention Based protocol 802.11ax HEW160										
UNII Band	Test Channel	Bandwidth (MHz)	Frequency (MHz)	Intetference frequency (MHz)		Threshold level of AWGN interference (dBm)	Number of AWGN Detected (out of 10 times)	AWGN Detection Probability (%)	Limit Probability (%)	Test Result
5	47	160	6185	Low edge	6110	-62	10	100	90	Pass
				Center	6185	-56	10	100	90	Pass
				High edge	6260	-62	10	100	90	Pass
6	111	160	6505	Low edge	6430	-62	10	100	90	Pass
				Center	6505	-62	10	100	90	Pass
				High edge	6580	-62	10	100	90	Pass
7	143	160	6665	Low edge	6590	-62	10	100	90	Pass
				Center	6665	-56	10	100	90	Pass
				High edge	6740	-62	10	100	90	Pass
8	207	160	6985	Low edge	6910	-62	10	100	90	Pass
				Center	6985	-56	10	100	90	Pass
				High edge	7060	-62	10	100	90	Pass

Contention Based Protocol Threshold Level Verify						
UNII Band	Test Channel	Bandwidth (MHz)	Freq. (MHz)	Intetference Frequency (MHz)		Threshold Level of AWGN Interference (dBm)
5	49	20	6195	Center	6195	-62
						-66
						-67
	47	160	6185	Low edge	6110	-62
						-66
						-67
				Center	6185	-56
						-60
						-61
				High edge	6260	-62
						-66
						-67

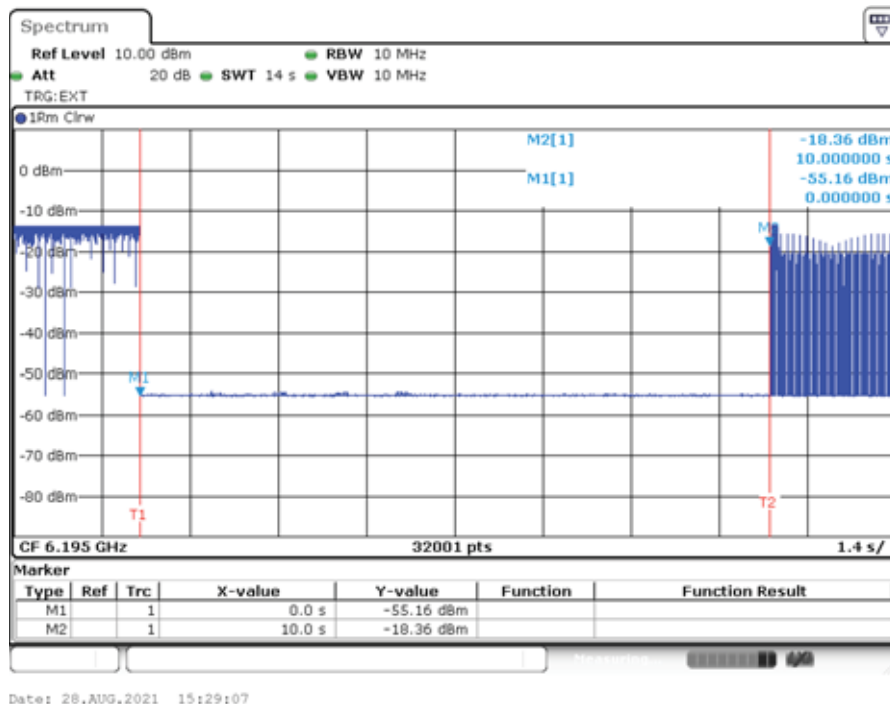
Contention Based Protocol Threshold Level Verify Plot

Bandwidth (MHz): 20

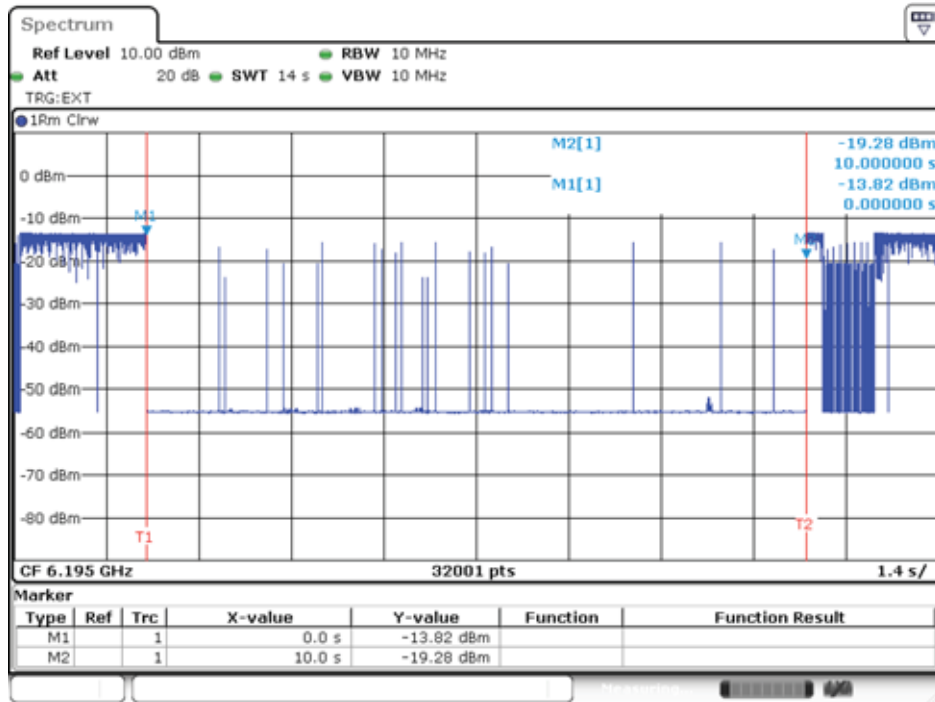
Frequency (MHz): 6195 MHz (Threshold Level: -62 dBm)



Frequency (MHz): 6195 MHz (Threshold Level: -66dBm)



Frequency (MHz): 6195 MHz (Threshold Level: -67 dBm)

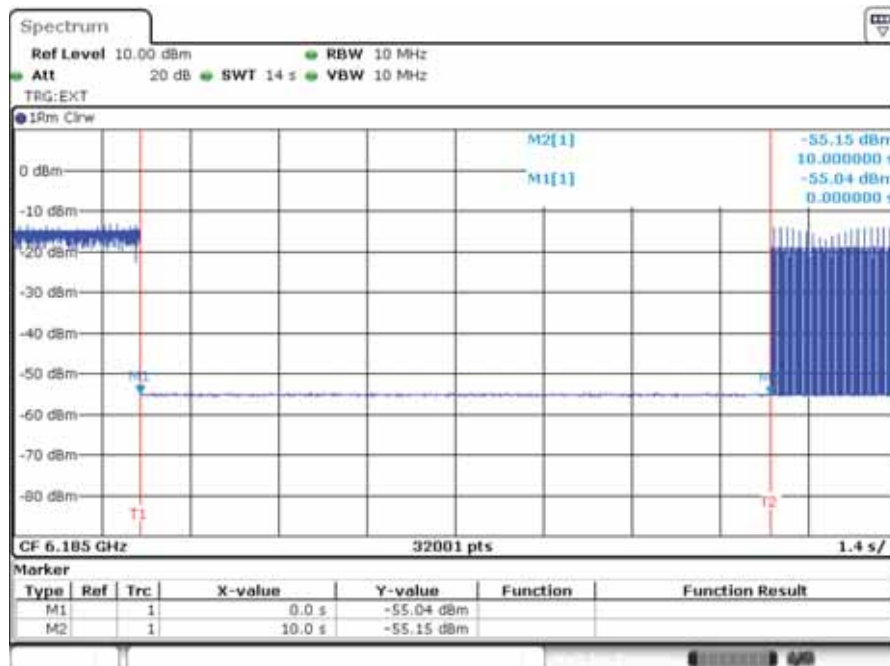


Date: 28.AUG.2021 15:29:58

Contention Based Protocol Threshold Level Verify Plot

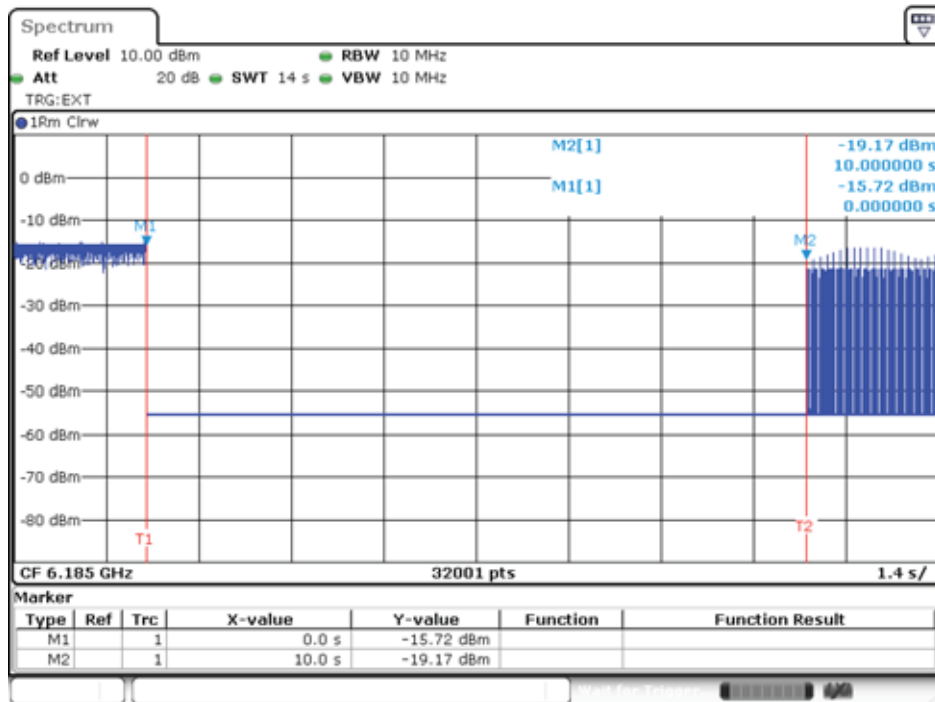
Bandwidth (MHz): 160

Frequency (MHz): 6110 MHz (Threshold Level: -62dBm)



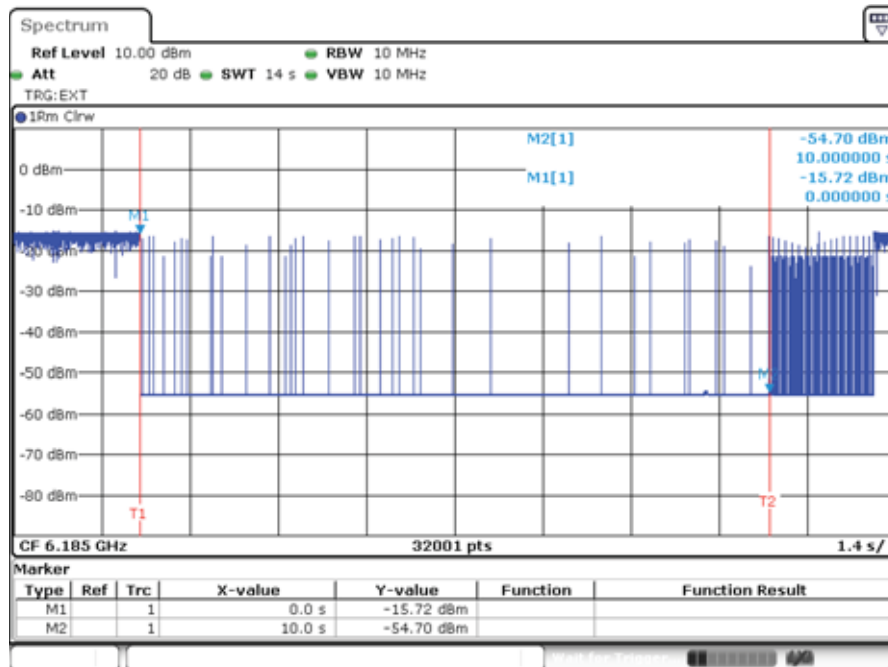
Date: 28.AUG.2021 15:44:32

Frequency (MHz): 6110 MHz (Threshold Level: -66dBm)



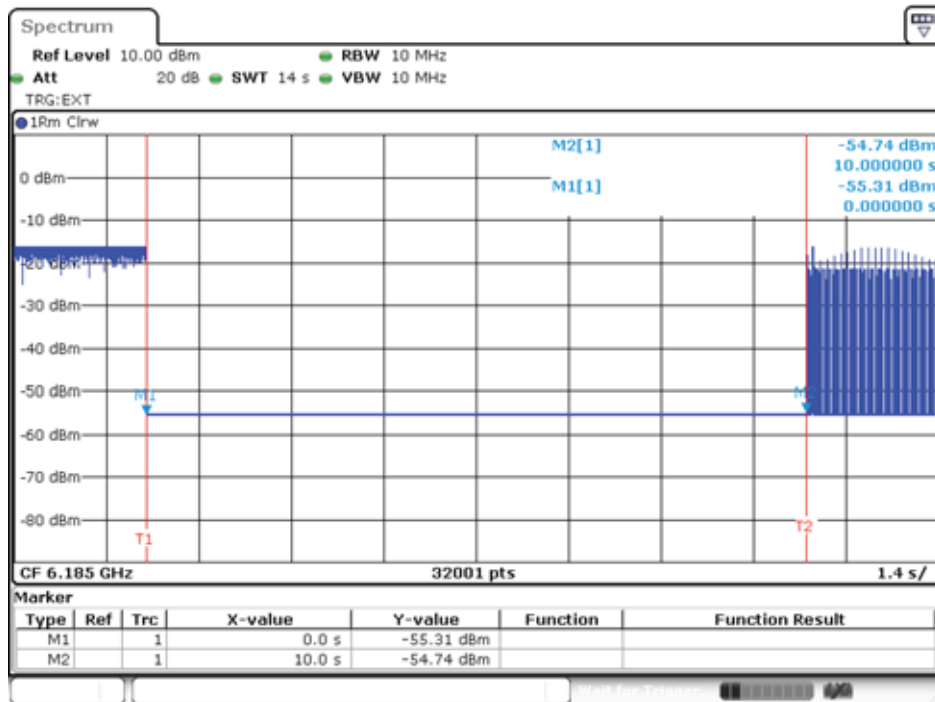
Date: 28.AUG.2021 17:16:03

Frequency (MHz): 6110 MHz (Threshold Level: -67dBm)



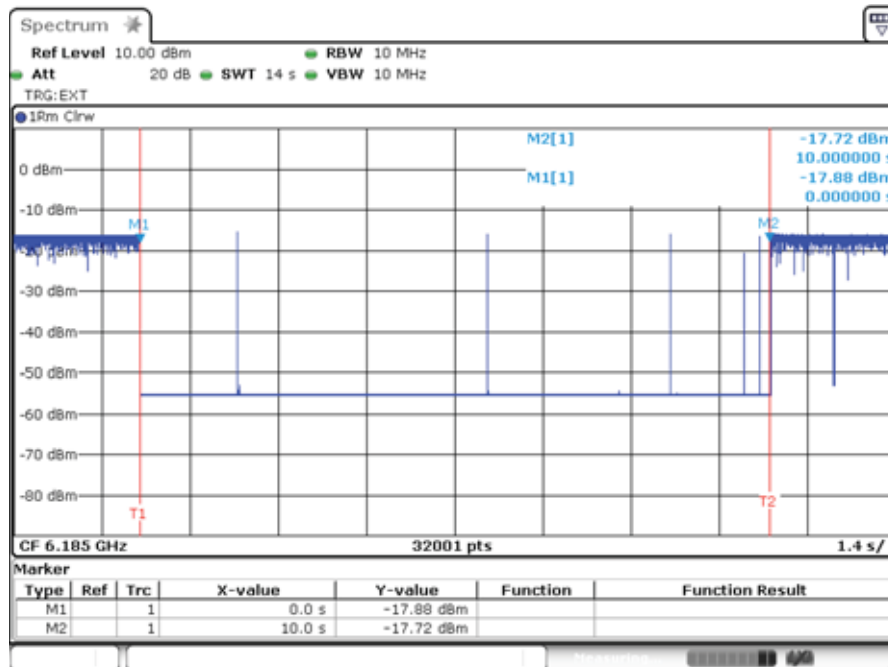
Date: 28.AUG.2021 17:16:43

Frequency (MHz): 6185 MHz (Threshold Level: -60dBm)



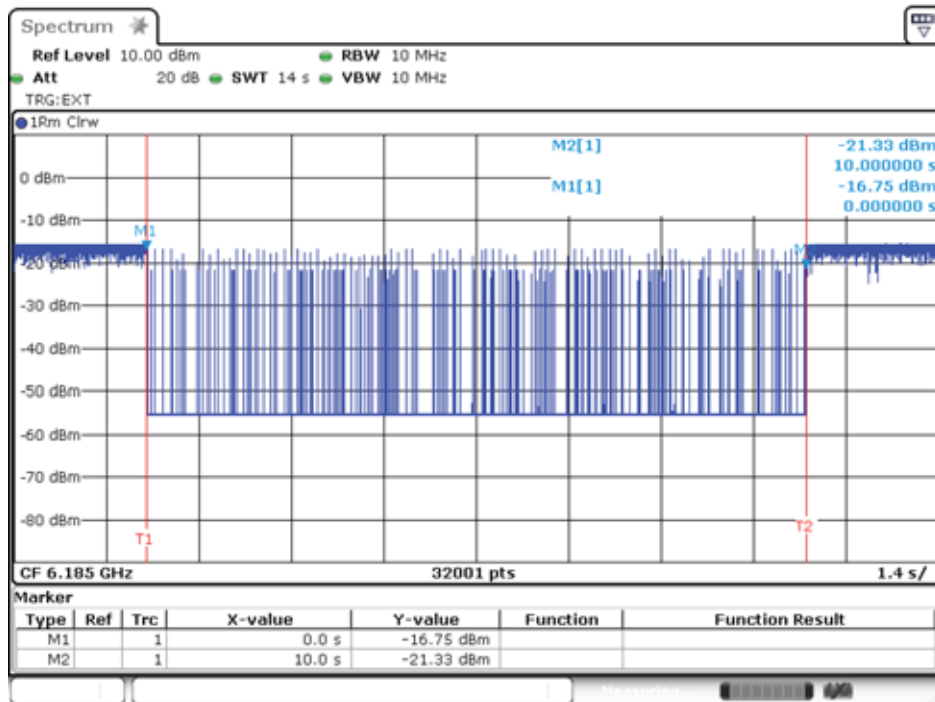
Date: 28.AUG.2021 17:01:10

Frequency (MHz): 6185 MHz (Threshold Level: -61dBm)



Date: 28.AUG.2021 17:00:16

Frequency (MHz): 6185 MHz (Threshold Level: -62 dBm)

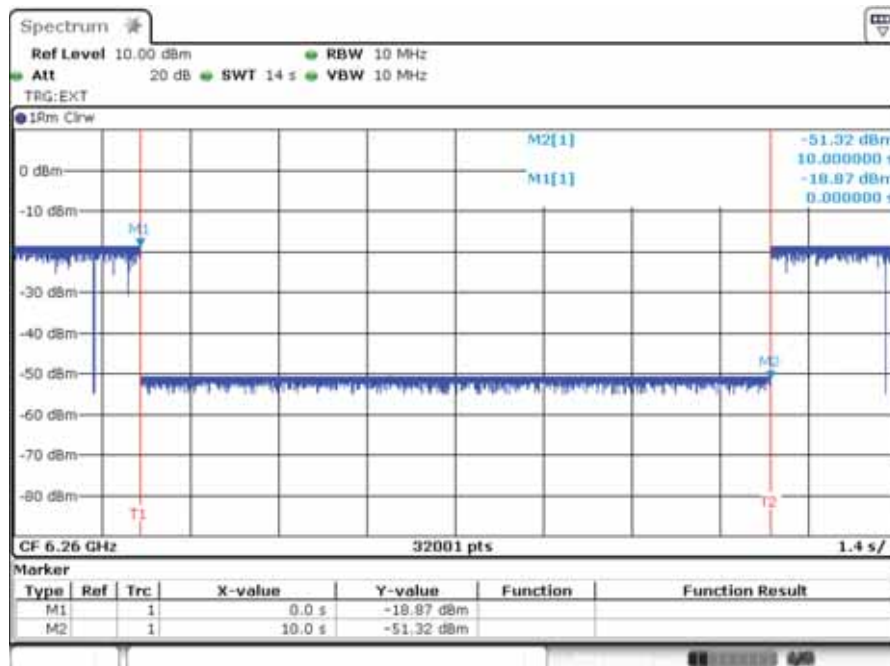


Date: 28.AUG.2021 17:14:08

Contention Based Protocol Threshold Level Verify Plot

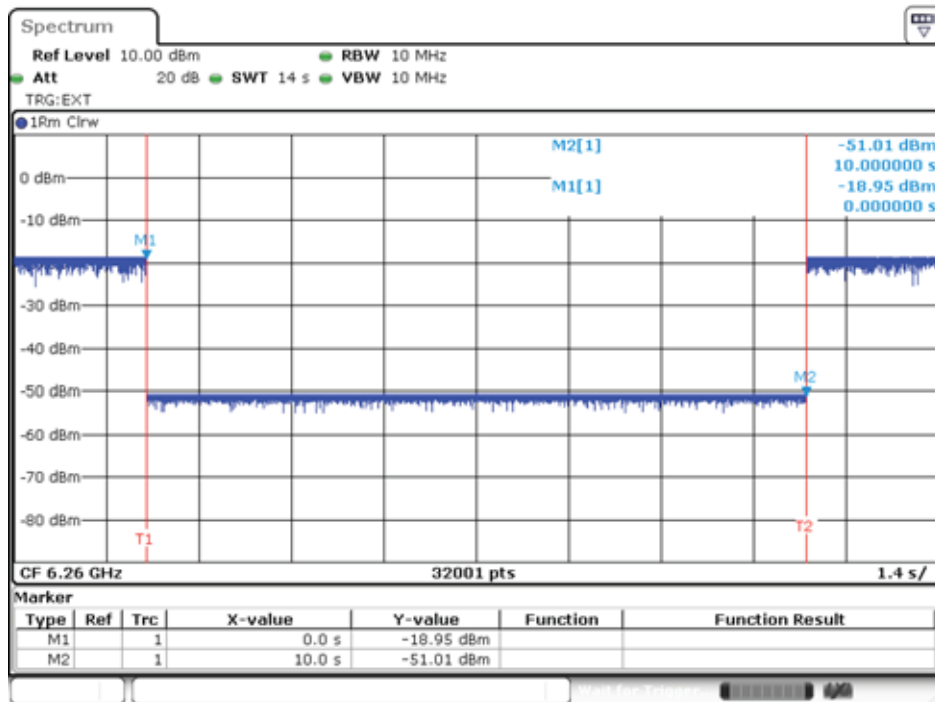
Bandwidth (MHz): 160

Frequency (MHz): 6260 MHz (Threshold Level: -62dBm)

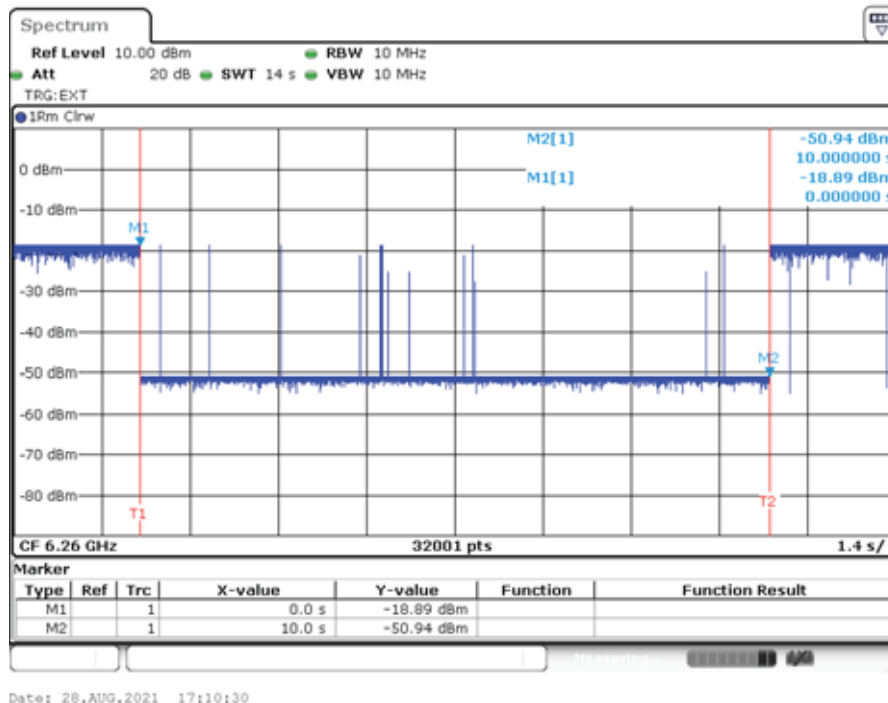


Date: 28.AUG.2021 17:07:47

Frequency (MHz): 6260 MHz (Threshold Level: -66dBm)

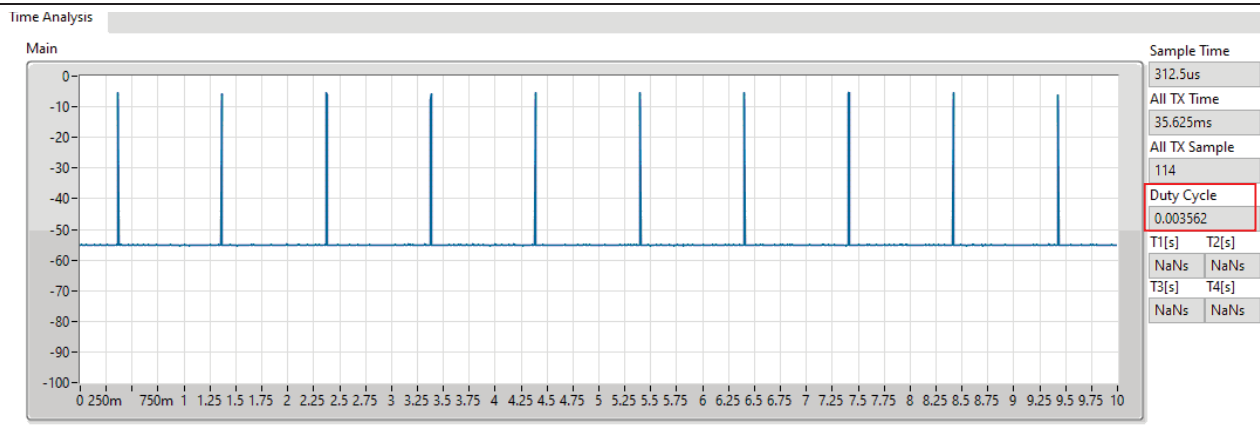


Frequency (MHz): 6260 MHz (Threshold Level: -67dBm)

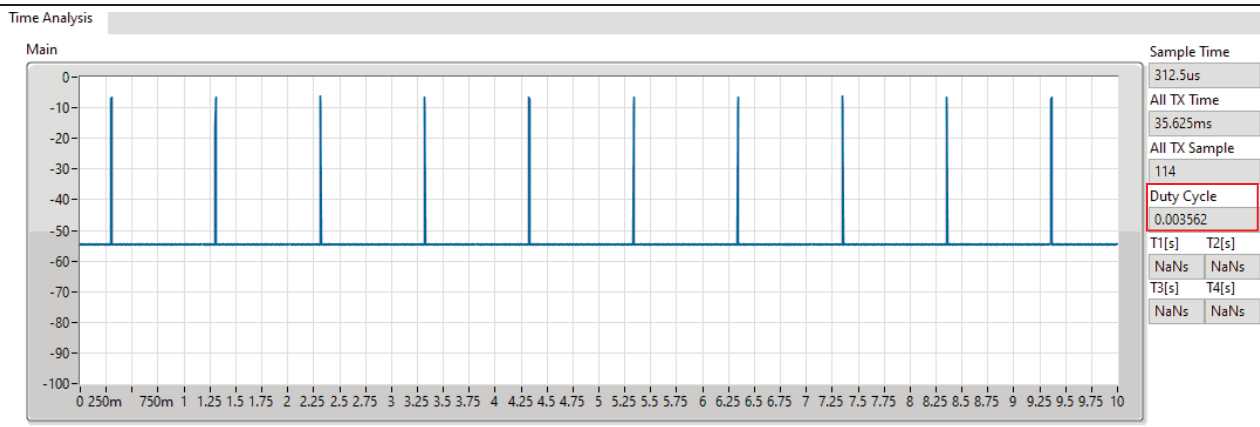




Bandwidth 20MHz: Traffic Loading Plot - 6195MHz



Bandwidth 20MHz: Traffic Loading Plot - 6475MHz

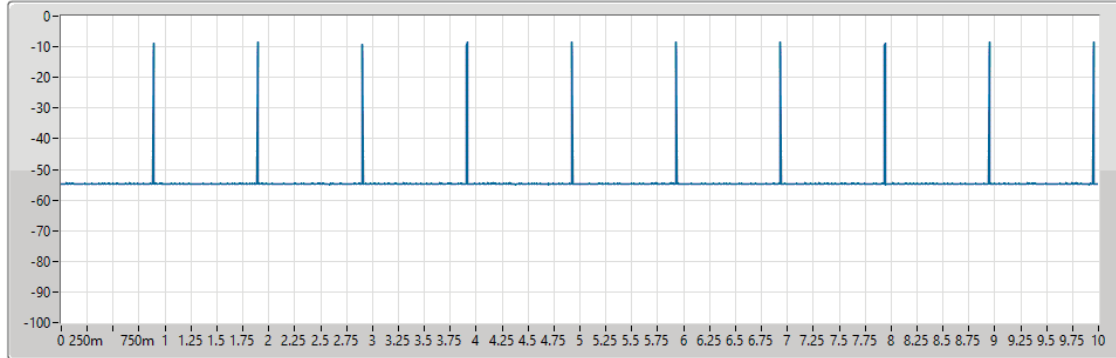




Bandwidth 20MHz: Traffic Loading Plot - 6695MHz

Time Analysis

Main



Sample Time

312.5us

All TX Time

35.3125ms

All TX Sample

113

Duty Cycle

0.003531

T1[s]

T2[s]

NaNs

NaNs

T3[s]

T4[s]

NaNs

NaNs

Bandwidth 20MHz: Traffic Loading Plot - 6995MHz

Time Analysis

Main



Sample Time

312.5us

All TX Time

35ms

All TX Sample

112

Duty Cycle

0.0035

T1[s]

T2[s]

NaNs

NaNs

T3[s]

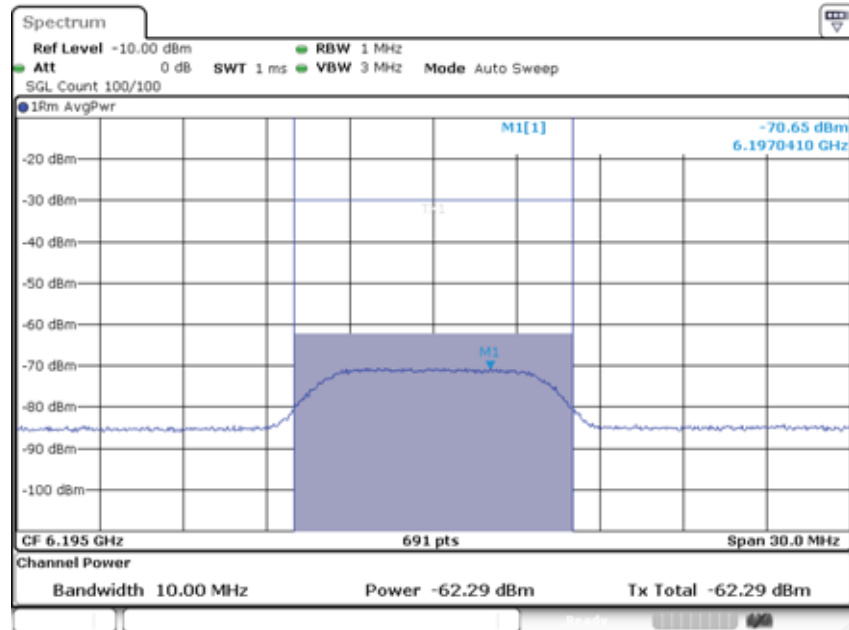
T4[s]

NaNs

NaNs

1. Incumbent signal (AWGN) Plot

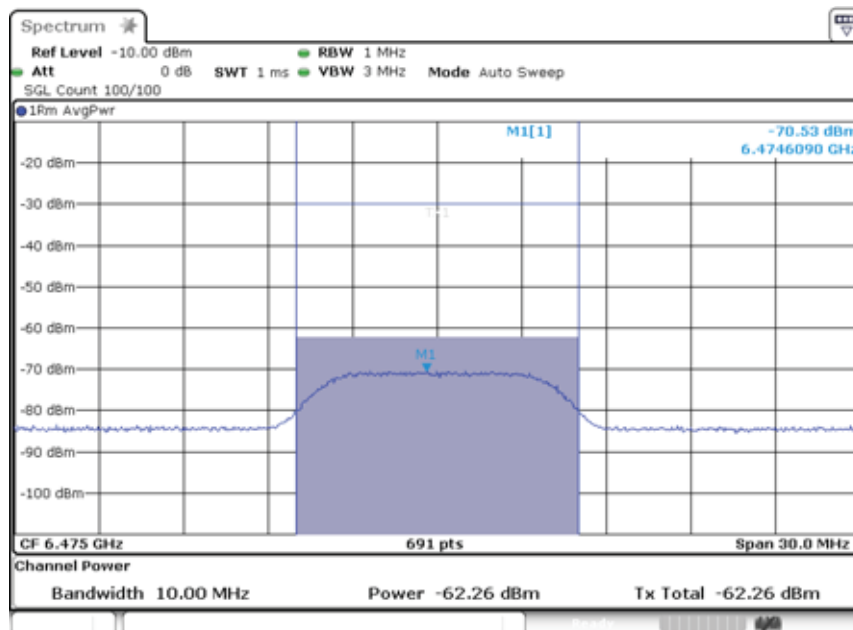
Frequency (MHz): 6195 MHz



Date: 6.OCT.2021 19:33:36

AWGN Bandwidth: 10MHz

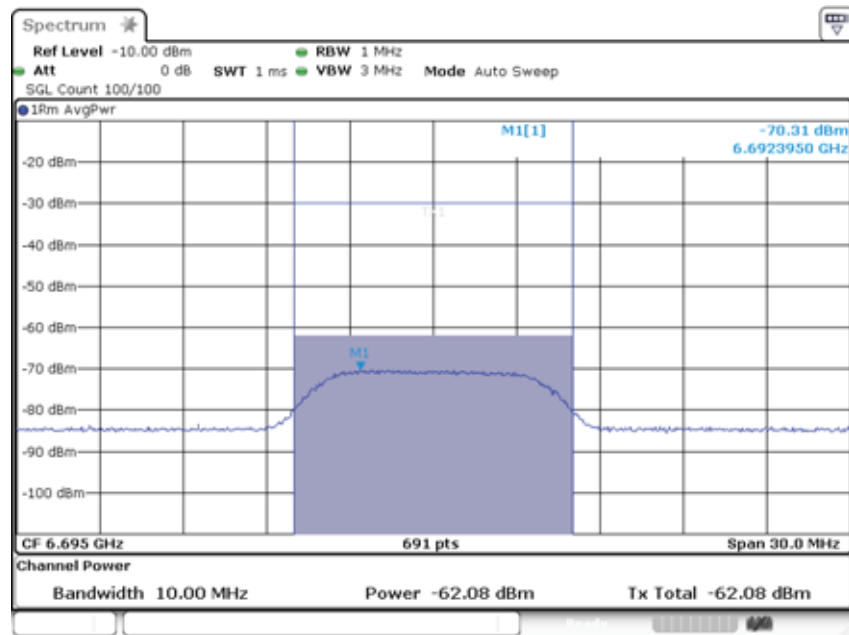
Frequency (MHz): 6475 MHz



Date: 6.OCT.2021 19:34:16

AWGN Bandwidth: 10MHz

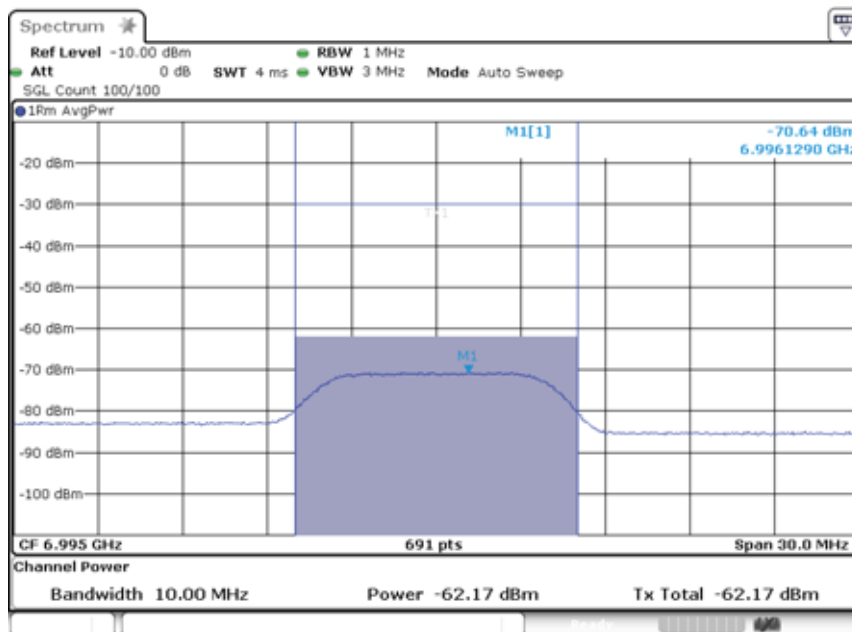
Frequency (MHz): 6695 MHz



Date: 6.OCT.2021 19:35:01

AWGN Bandwidth: 10MHz

Frequency (MHz): 6995 MHz

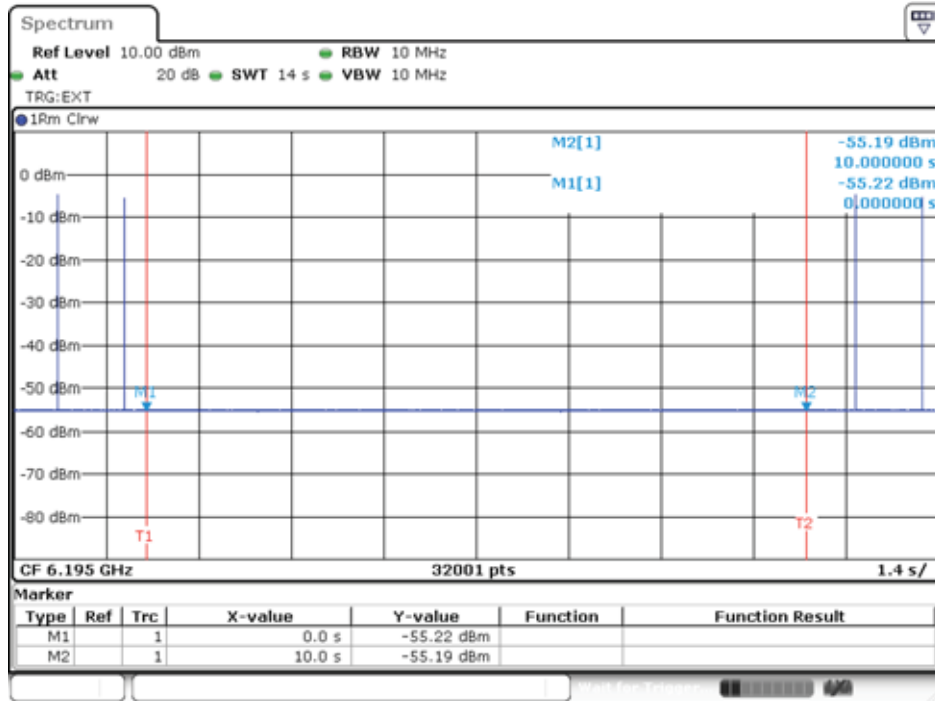


Date: 6.OCT.2021 19:37:39

AWGN Bandwidth: 10MHz

2. Contention-Based Protocol Plot

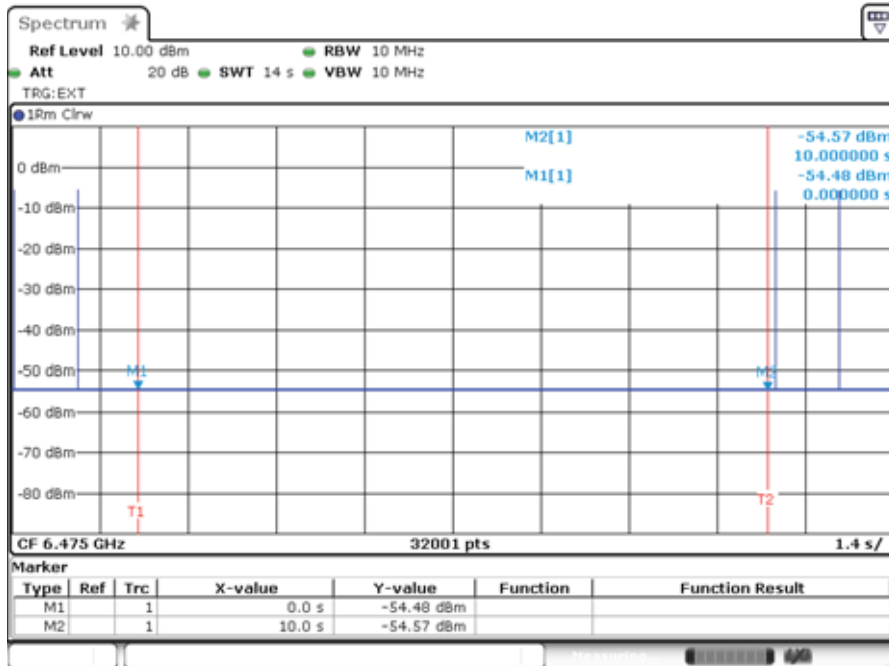
Test CH 49 ; Incumbent signal 6195 MHz



Date: 6.OCT.2021 19:47:31

Note : M1 : Inject AWGN signal ; M2 : Remove AWGN signal.

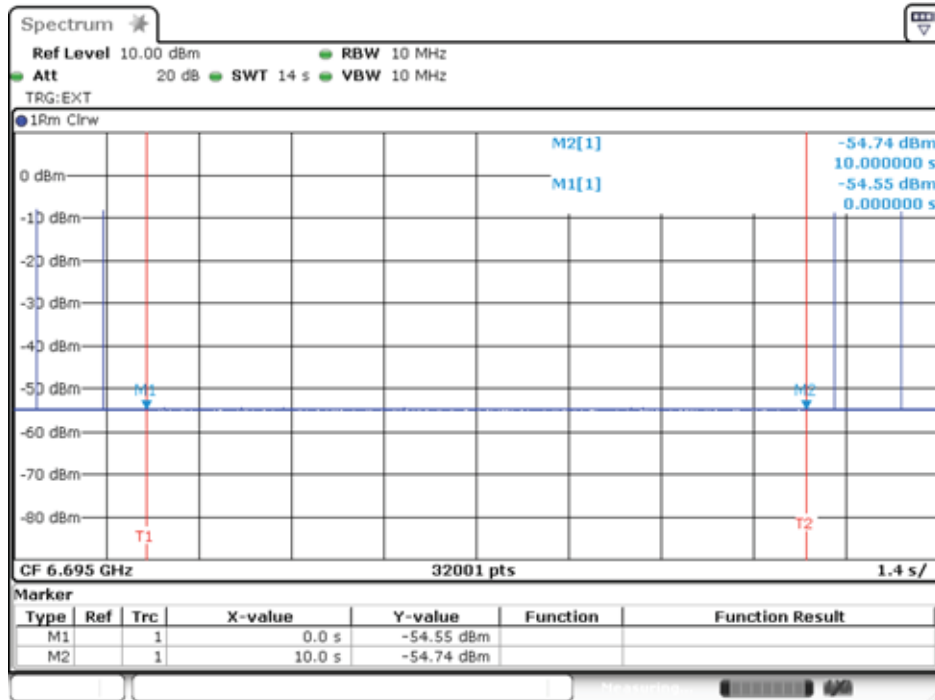
Test CH 105 ; Incumbent signal 6475 MHz



Date: 6.OCT.2021 19:49:17

Note : M1 : Inject AWGN signal ; M2 : Remove AWGN signal.

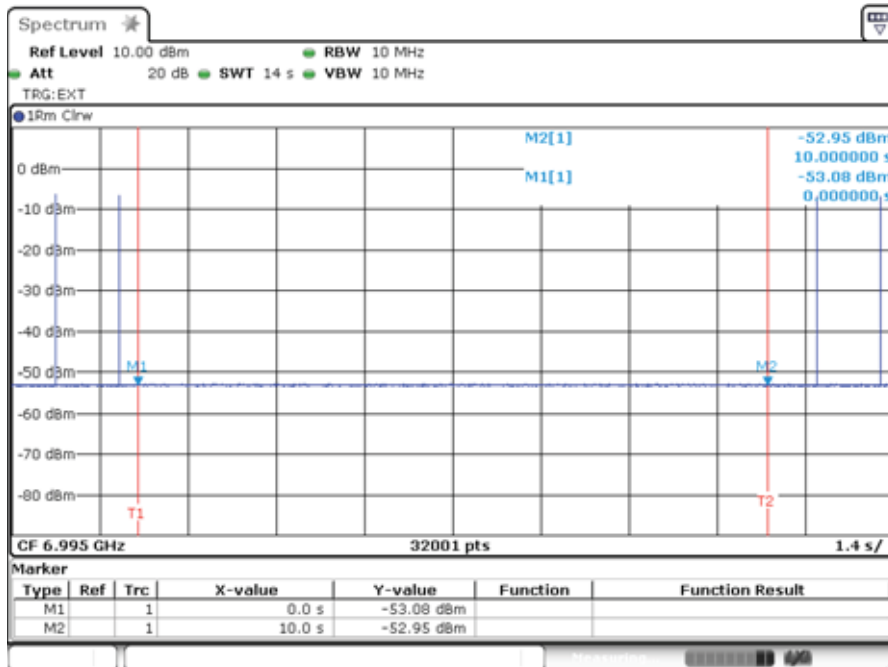
Test CH 149 ; Incumbent signal 6695 MHz



Date: 6.OCT.2021 19:50:42

Note : M1 : Inject AWGN signal ; M2 : Remove AWGN signal.

Test CH 209 ; Incumbent signal 6995 MHz



Date: 6.OCT.2021 19:54:51

Note : M1 : Inject AWGN signal ; M2 : Remove AWGN signal.



Contention Based protocol 802.11ax HEW20										
UNII Band	Test Channel	Bandwidth (MHz)	Frequency (MHz)	Intetference frequency (MHz)		Threshold level of AWGN interference (dBm)	Number of AWGN Detected (out of 10 times)	AWGN Detection Probability (%)	Limit Probability (%)	Test Result
5	49	20	6195	Center	6195	-62	10	100	90	Pass
6	105	20	6475	Center	6475	-62	10	100	90	Pass
7	149	20	6695	Center	6695	-62	10	100	90	Pass
8	209	20	6995	Center	6995	-62	10	100	90	Pass

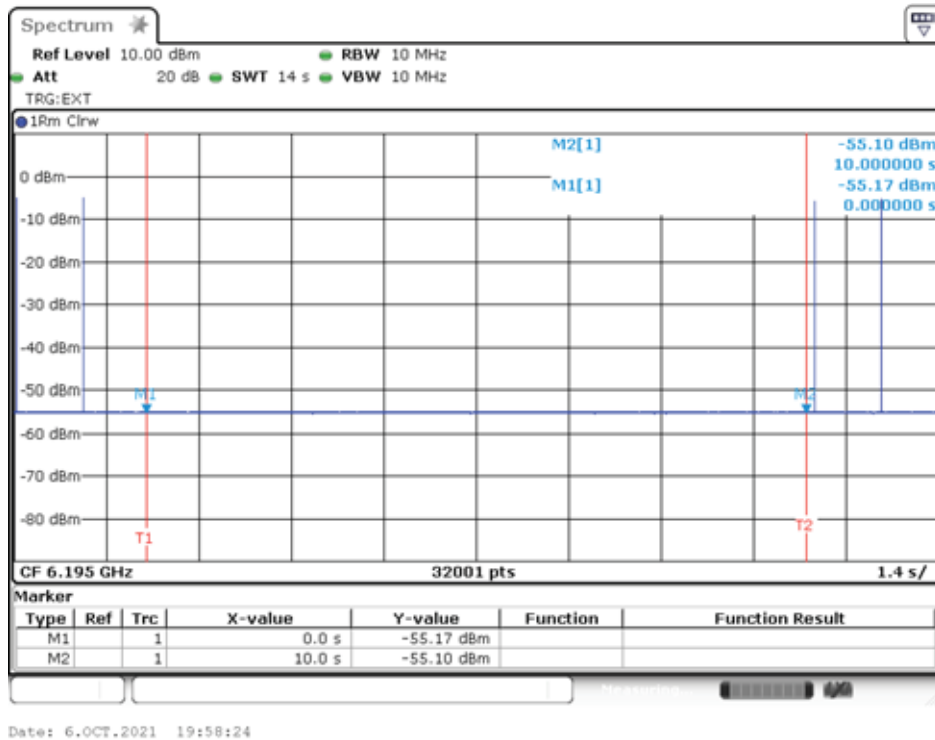


Contention Based Protocol Threshold Level Verify							
UNII Band	Test Channel	Bandwidth (MHz)	Freq. (MHz)	Intetference Frequency (MHz)		Threshold Level of AWGN Interference (dBm)	Situation of EUT
5	49	20	6195	Center	6195	-62	Stop transmission
						-66	Stop transmission
						-67	Start transmission

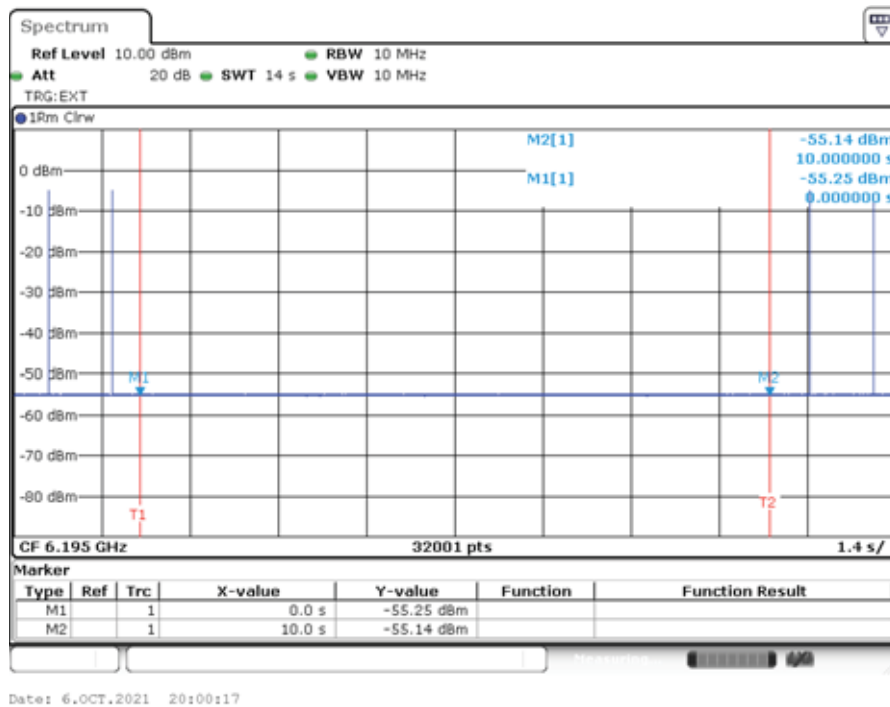
Contention Based Protocol Threshold Level Verify Plot

Bandwidth (MHz): 20

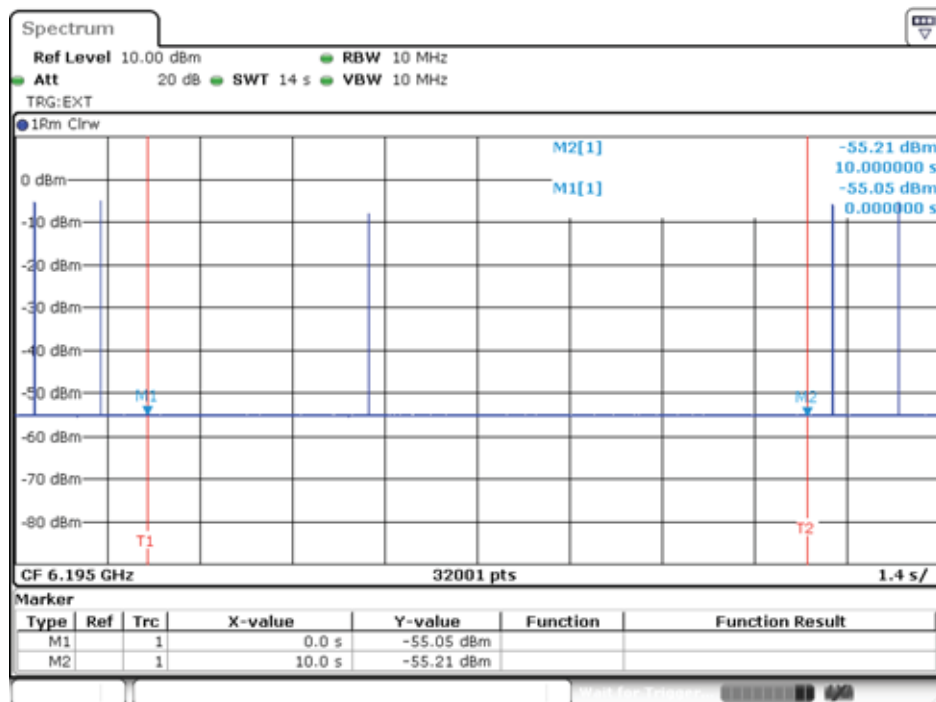
Frequency (MHz): 6195 MHz (Threshold Level: -62 dBm)



Frequency (MHz): 6195 MHz (Threshold Level: -66dBm)



Frequency (MHz): 6195 MHz (Threshold Level: -67 dBm)



Marker						
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	0.0 s	-55.05 dBm		
M2		1	10.0 s	-55.21 dBm		

Date: 6.OCT.2021 19:59:46