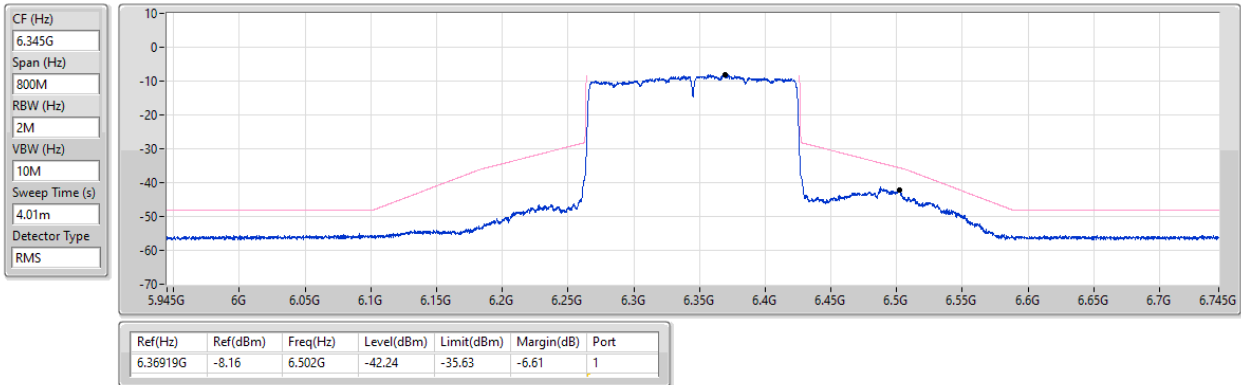


5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

MASK

6345MHz_TX

09/12/2024

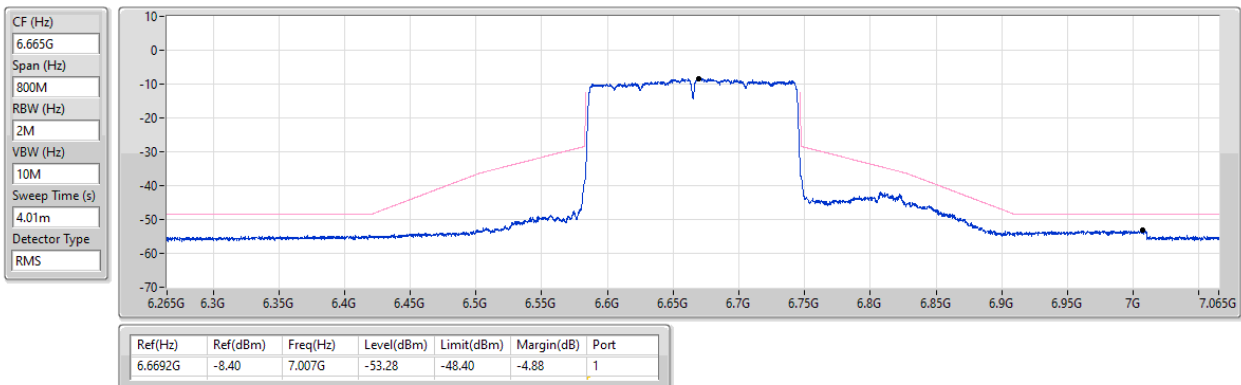


6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

MASK

6665MHz_TX

09/12/2024

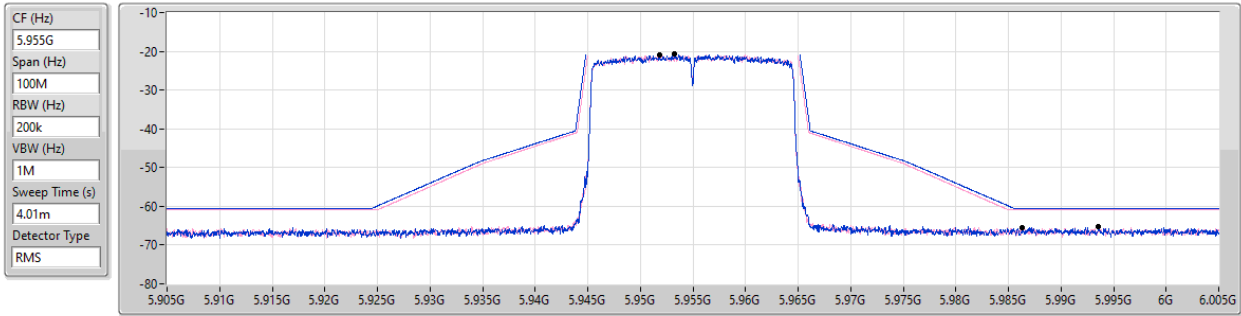


5.925-6.425GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

MASK

5955MHz_TX

10/12/2024



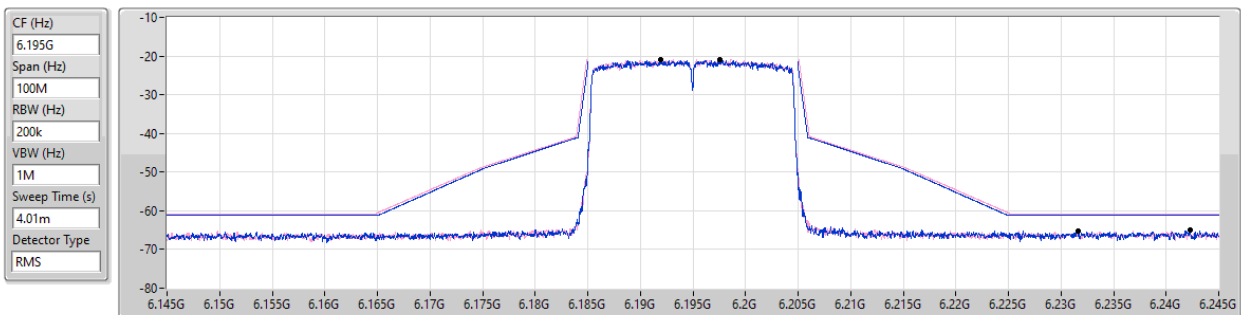
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.953275G	-20.53	5.99355G	-65.34	-60.53	-4.81	1
5.951876G	-20.97	5.98635G	-65.59	-60.97	-4.62	2

5.925-6.425GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

MASK

6195MHz_TX

10/12/2024



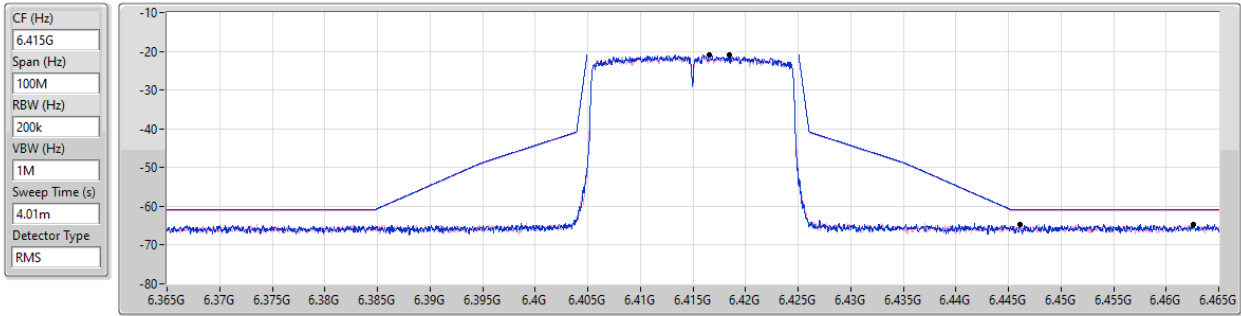
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.197549G	-21.02	6.24225G	-65.08	-61.02	-4.06	1
6.191926G	-20.87	6.2316G	-65.22	-60.87	-4.35	2

5.925-6.425GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

MASK

6415MHz_TX

10/12/2024



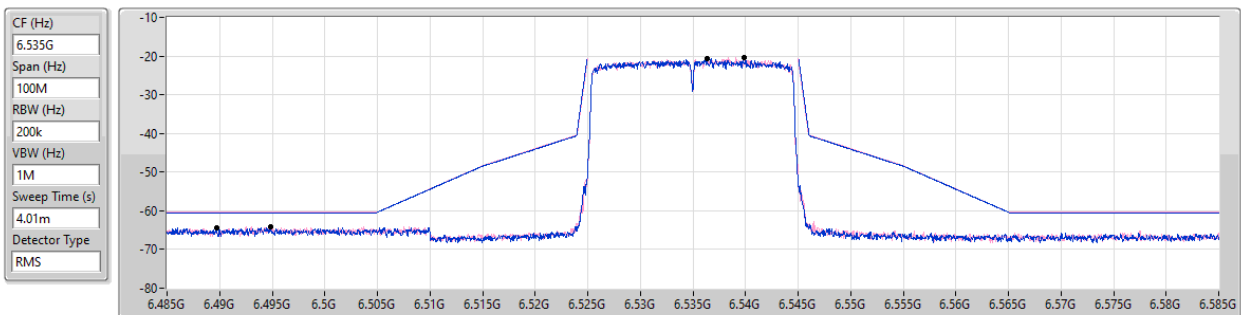
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.418424G	-20.82	6.462575G	-64.57	-60.82	-3.75	1
6.4166G	-21.04	6.446075G	-64.74	-61.04	-3.70	2

6.525-6.875GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

MASK

6535MHz_TX

10/12/2024



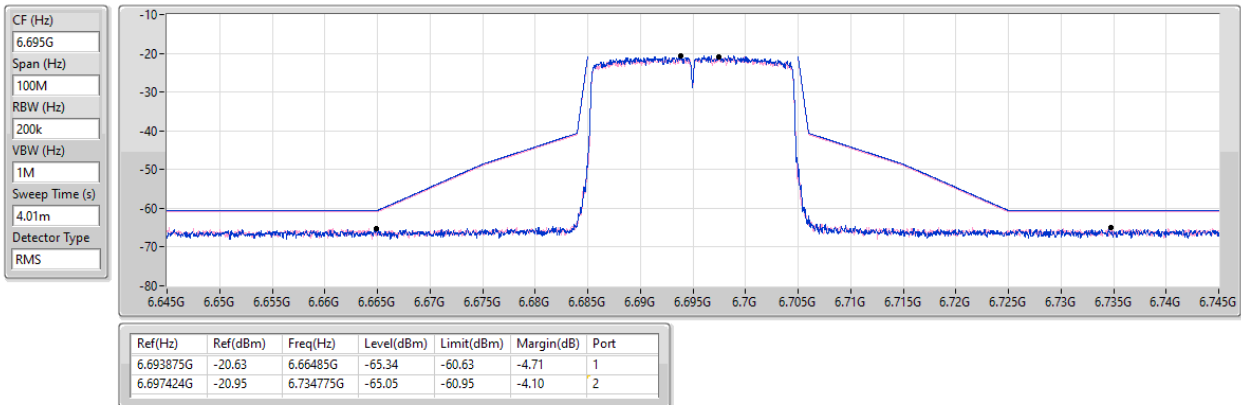
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.536325G	-20.61	6.4897G	-64.37	-60.61	-3.76	1
6.539899G	-20.40	6.494875G	-64.14	-60.40	-3.74	2

6.525-6.875GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

MASK

6695MHz_TX

10/12/2024

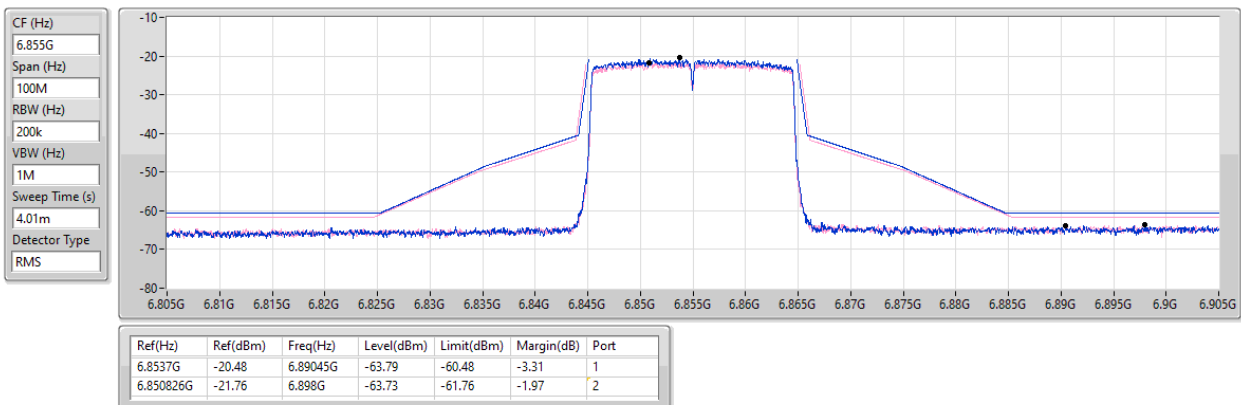


6.525-6.875GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

MASK

6855MHz_TX

10/12/2024

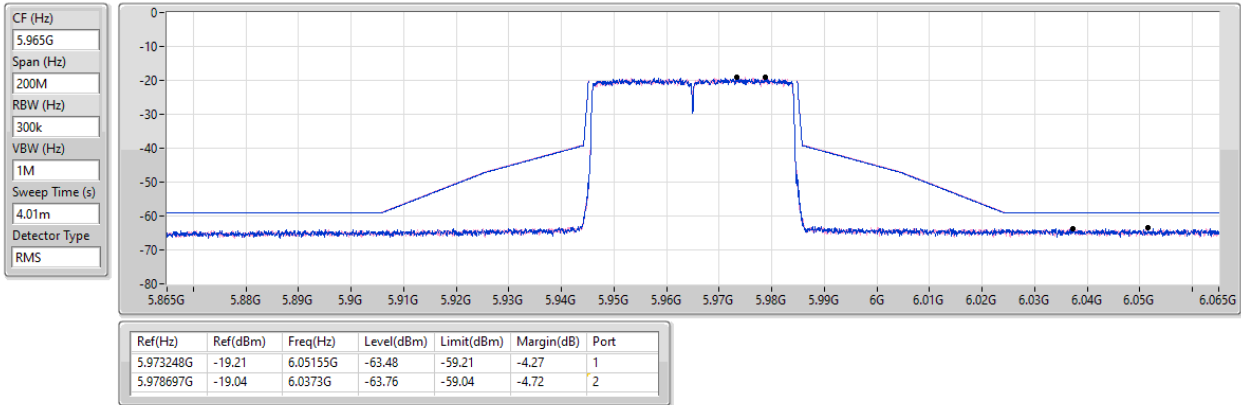


5.925-6.425GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

MASK

5965MHz_TX

10/12/2024

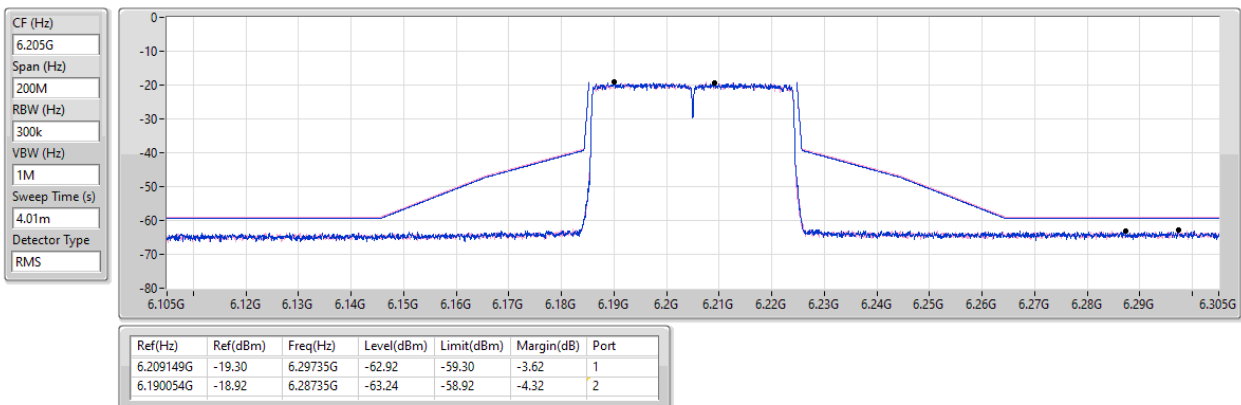


5.925-6.425GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

MASK

6205MHz_TX

10/12/2024

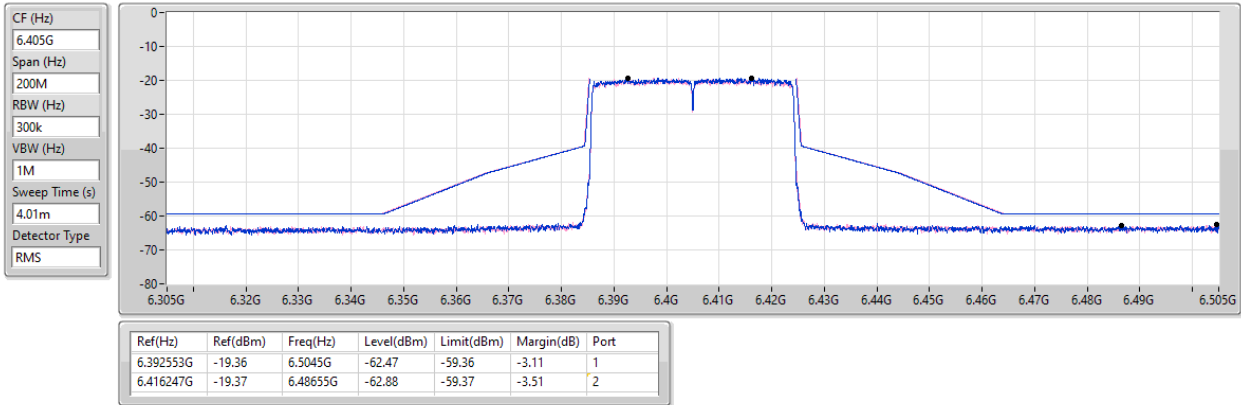


5.925-6.425GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

MASK

6405MHz_TX

10/12/2024

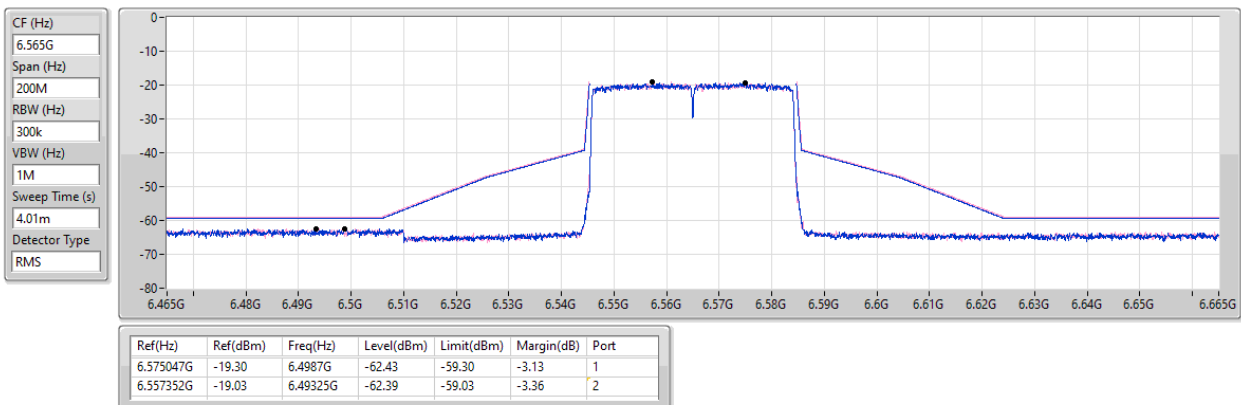


6.525-6.875GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

MASK

6565MHz_TX

10/12/2024

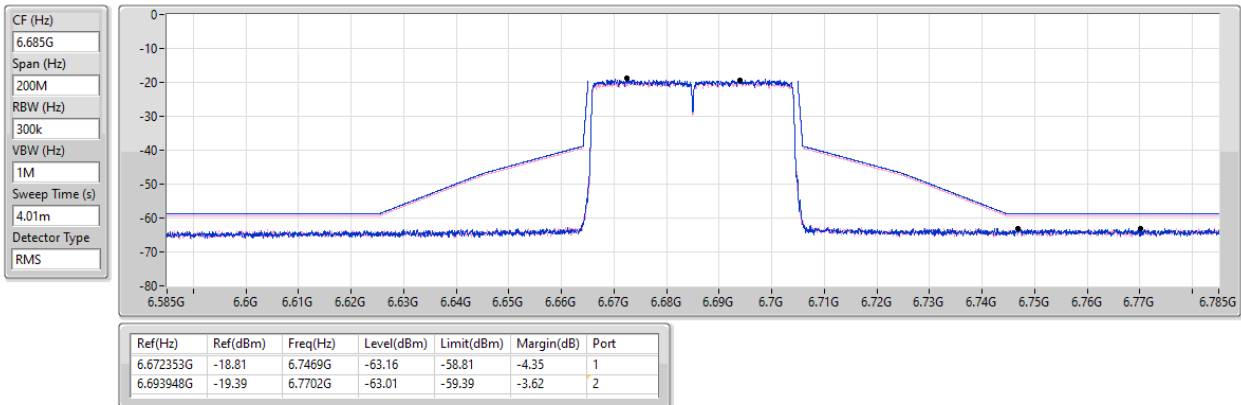


6.525-6.875GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

MASK

6685MHz_TX

10/12/2024

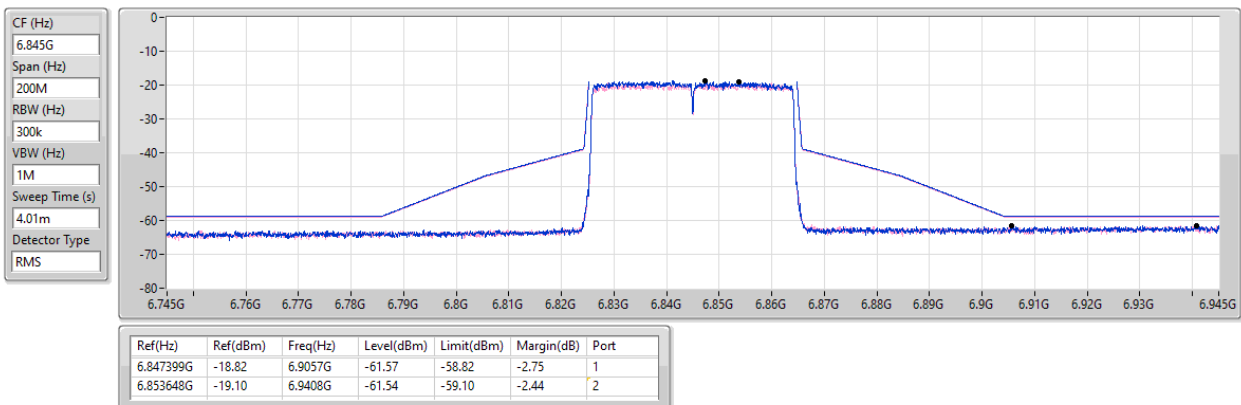


6.525-6.875GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

MASK

6845MHz_TX

10/12/2024

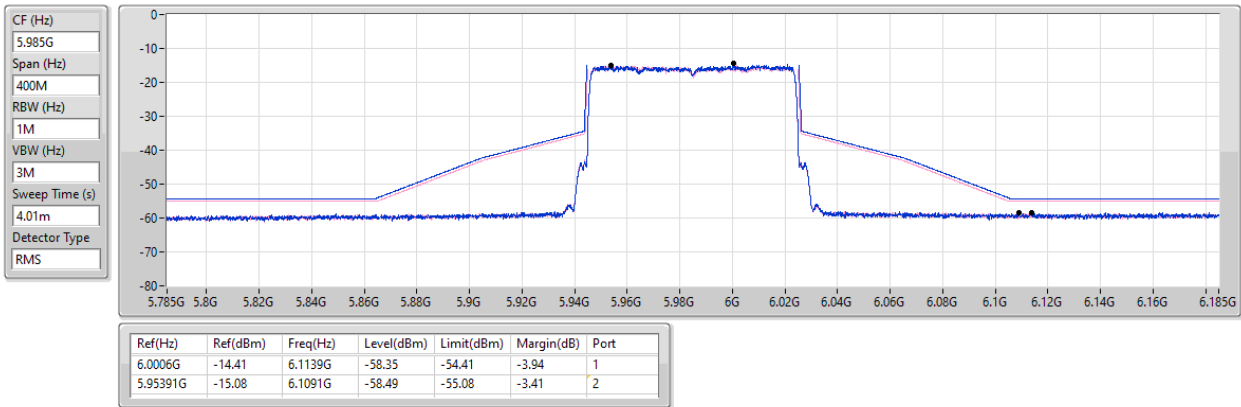


5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

MASK

5985MHz_TX

10/12/2024

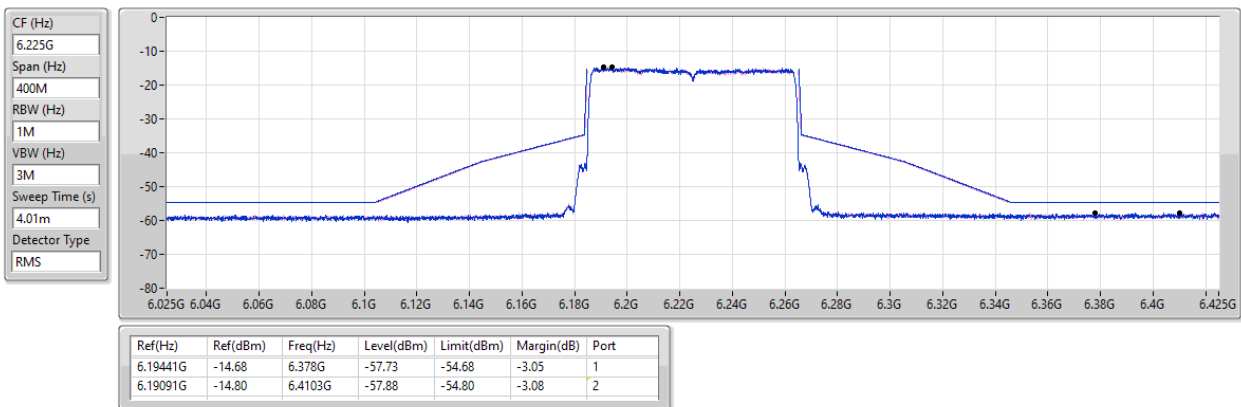


5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

MASK

6225MHz_TX

10/12/2024



5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

MASK

6385MHz_TX

10/12/2024

CF (Hz)
6.385G

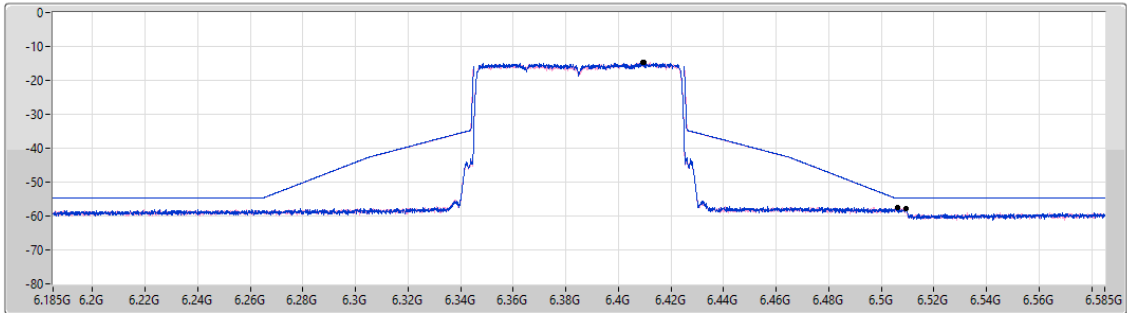
Span (Hz)
400M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
4.01m

Detector Type
RMS



Port 1 

Port 2 

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.40949G	-14.69	6.5061G	-57.47	-54.69	-2.78	1
6.40959G	-14.81	6.5096G	-57.87	-54.81	-3.06	2

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

MASK

6625MHz_TX

10/12/2024

CF (Hz)
6.625G

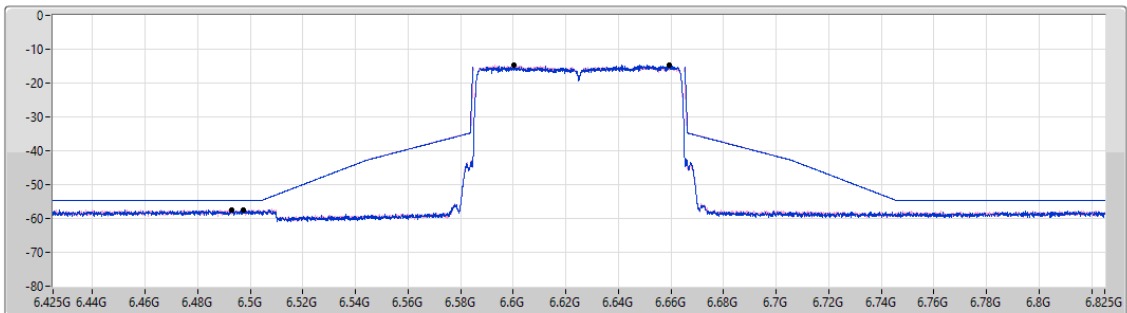
Span (Hz)
400M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
4.01m

Detector Type
RMS



Port 1 

Port 2 

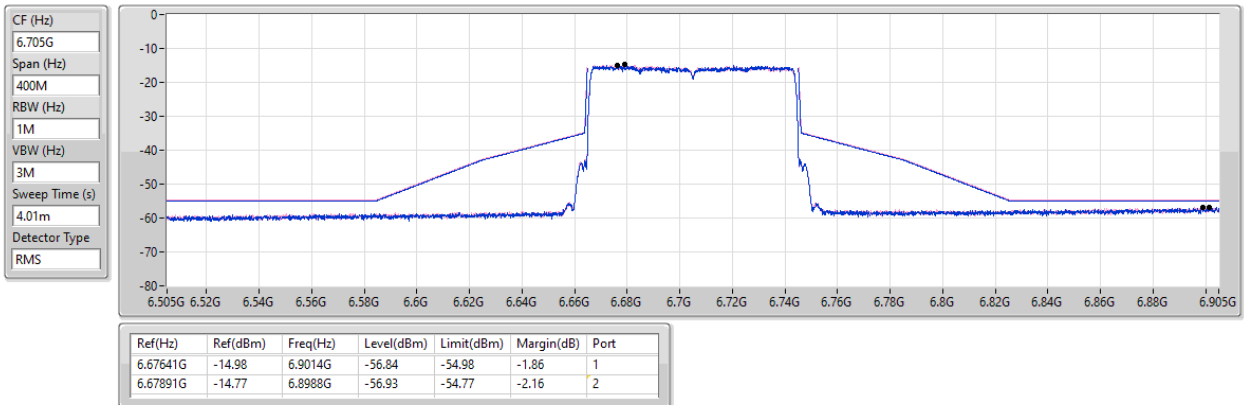
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.65929G	-14.79	6.4973G	-57.55	-54.79	-2.76	1
6.60021G	-14.63	6.4928G	-57.35	-54.63	-2.72	2

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

MASK

6705MHz_TX

10/12/2024

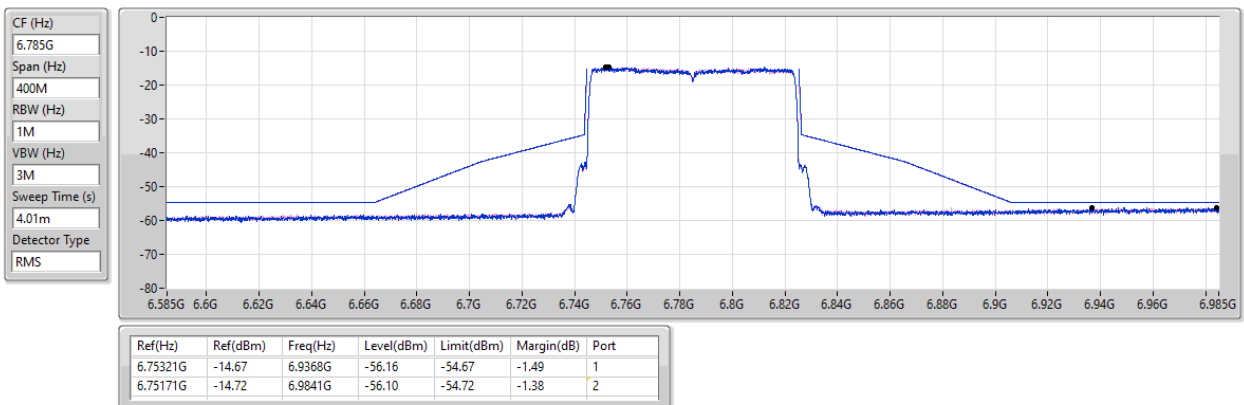


6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

MASK

6785MHz_TX

10/12/2024

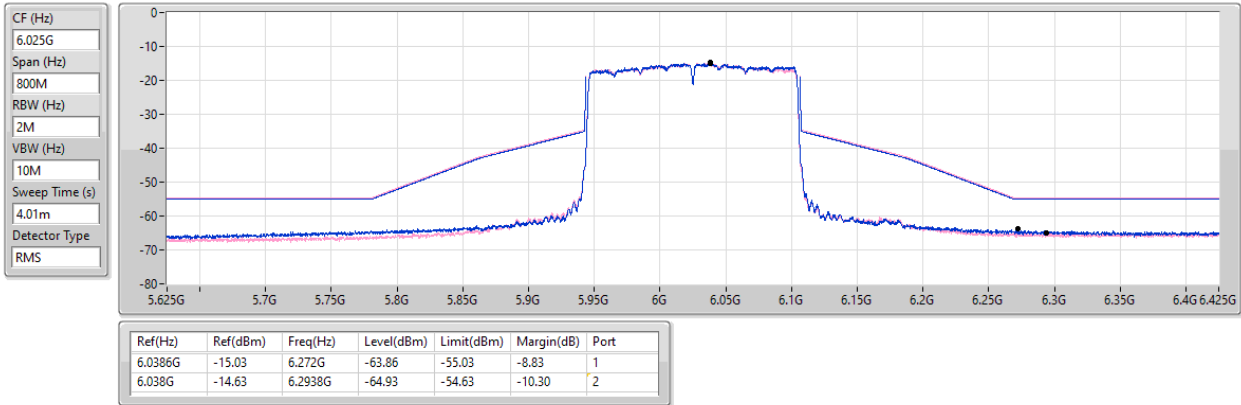


5.925-6.425GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX

MASK

6025MHz_TX

10/12/2024

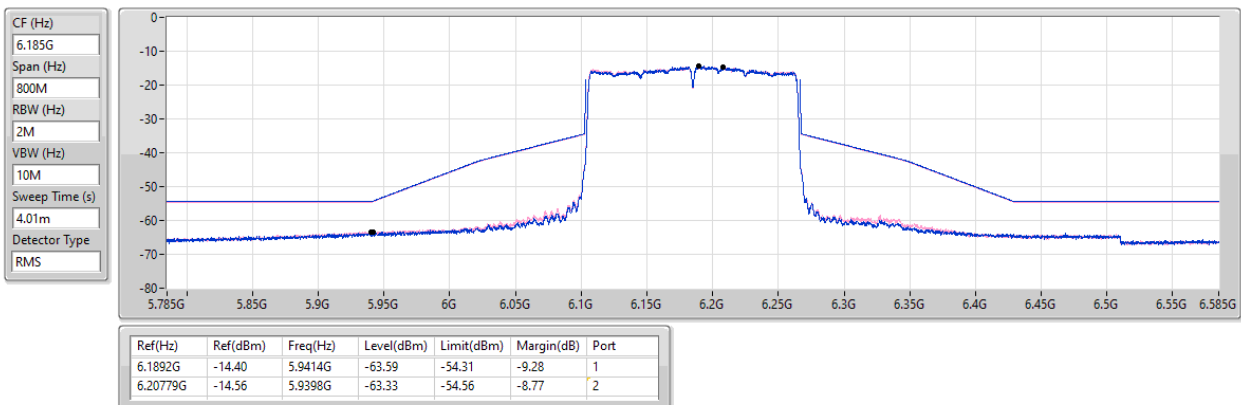


5.925-6.425GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX

MASK

6185MHz_TX

10/12/2024



5.925-6.425GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX

MASK

6345MHz_TX

10/12/2024

CF (Hz)
6.345G

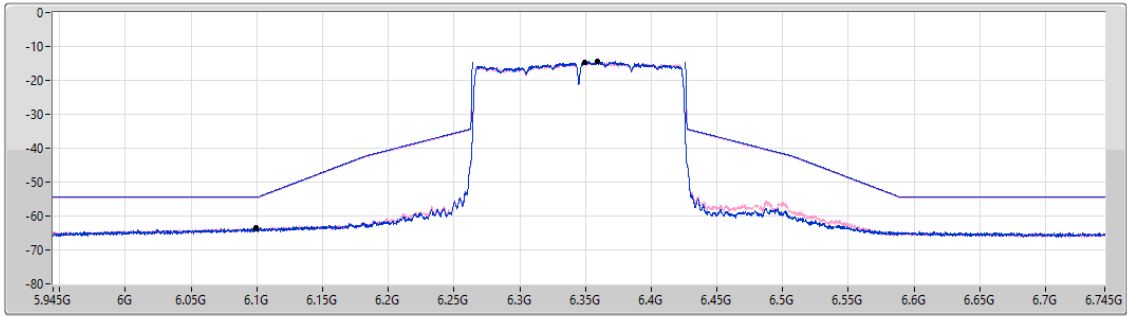
Span (Hz)
800M

RBW (Hz)
2M

VBW (Hz)
10M

Sweep Time (s)
4.01m

Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.3594G	-14.32	6.0996G	-63.67	-54.32	-9.35	1
6.3492G	-14.63	6.0992G	-63.38	-54.63	-8.75	2

6.525-6.875GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX

MASK

6665MHz_TX

10/12/2024

CF (Hz)
6.665G

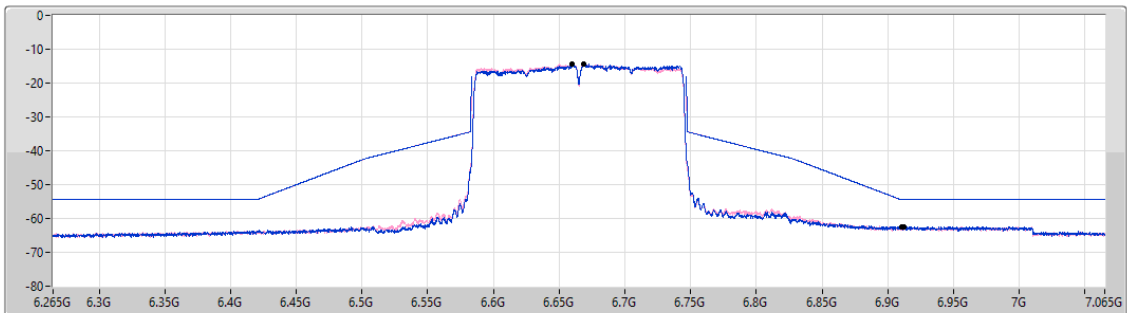
Span (Hz)
800M

RBW (Hz)
2M

VBW (Hz)
10M

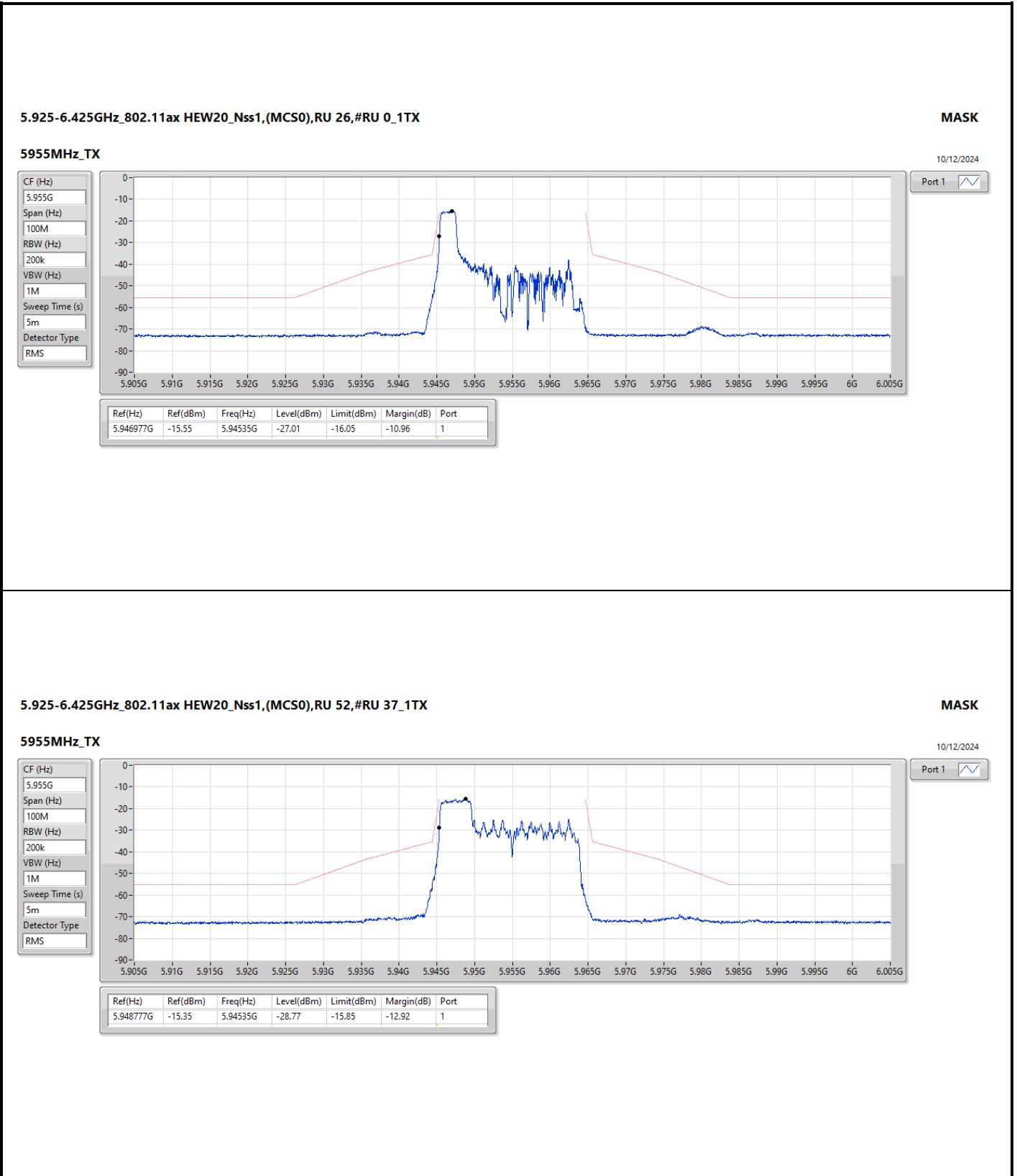
Sweep Time (s)
4.01m

Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.6688G	-14.42	6.911G	-62.36	-54.42	-7.94	1
6.6594G	-14.37	6.912G	-62.45	-54.37	-8.08	2

Test Mode: Mode 2

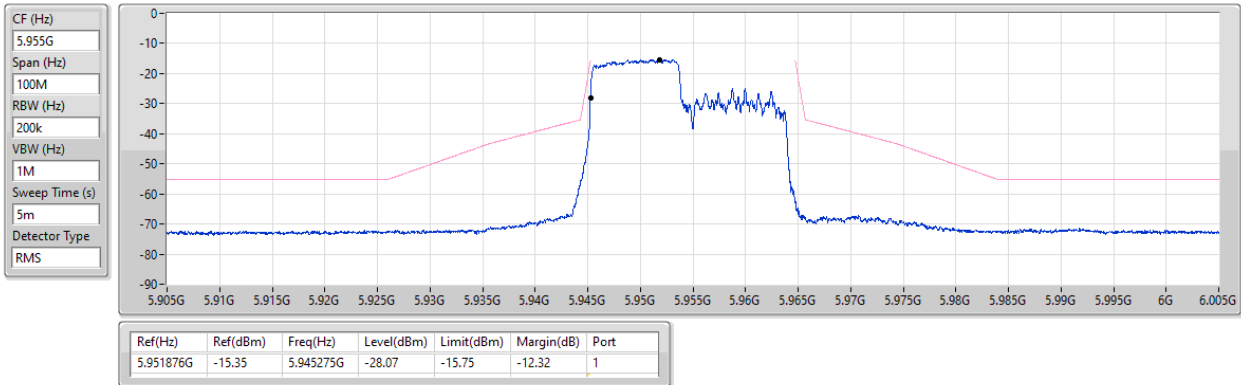


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_1TX

MASK

5955MHz_TX

10/12/2024

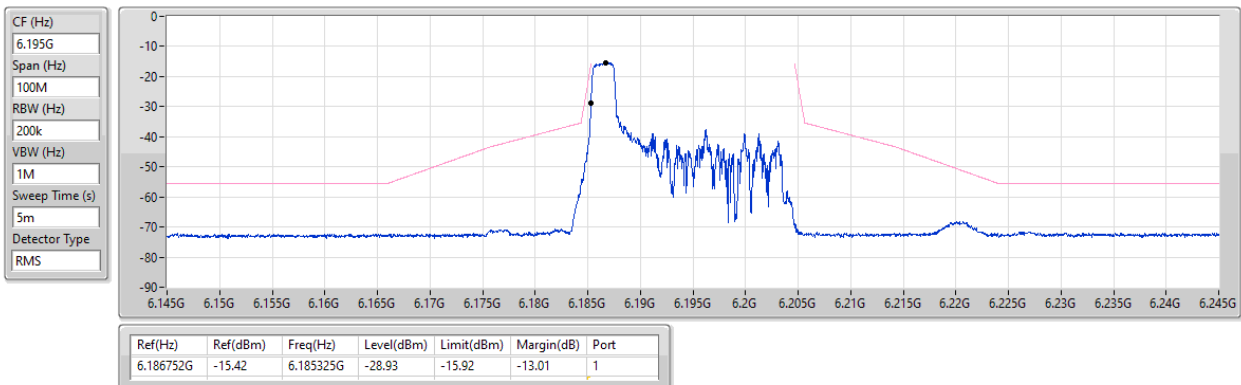


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX

MASK

6195MHz_TX

10/12/2024

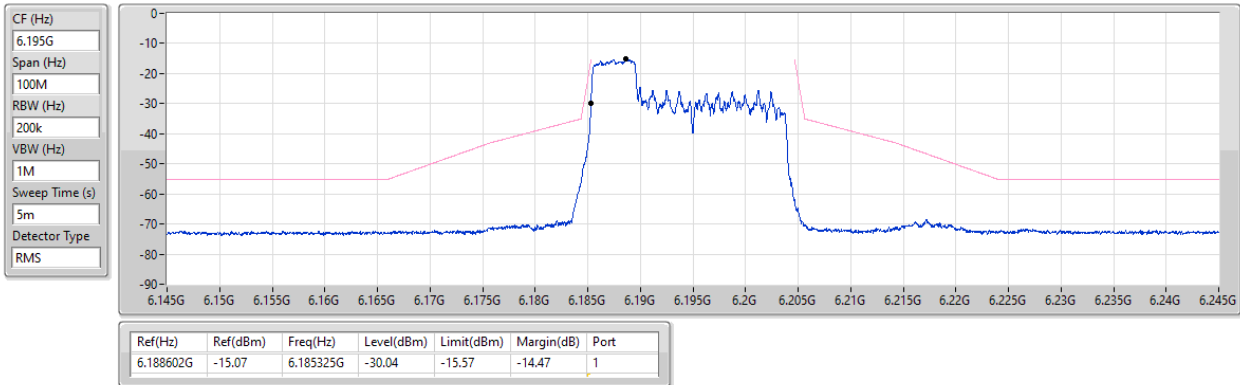


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX

MASK

6195MHz_TX

10/12/2024

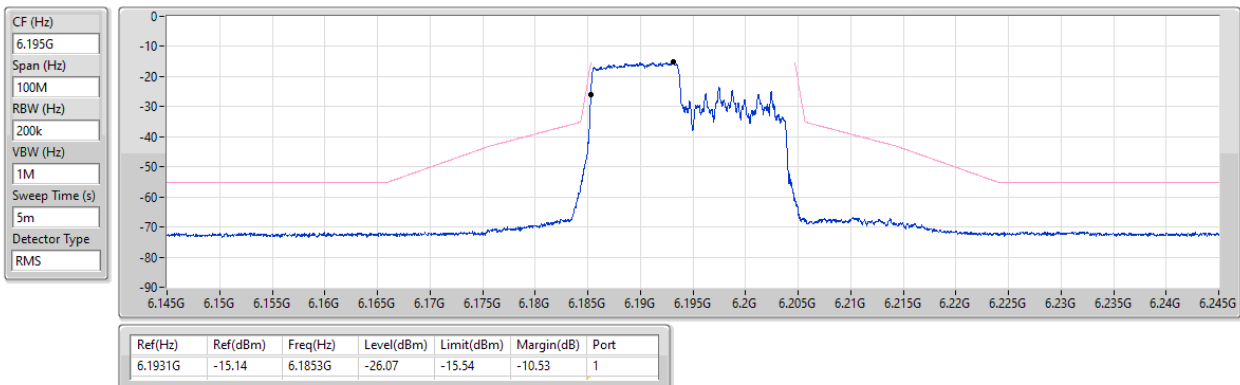


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_1TX

MASK

6195MHz_TX

10/12/2024

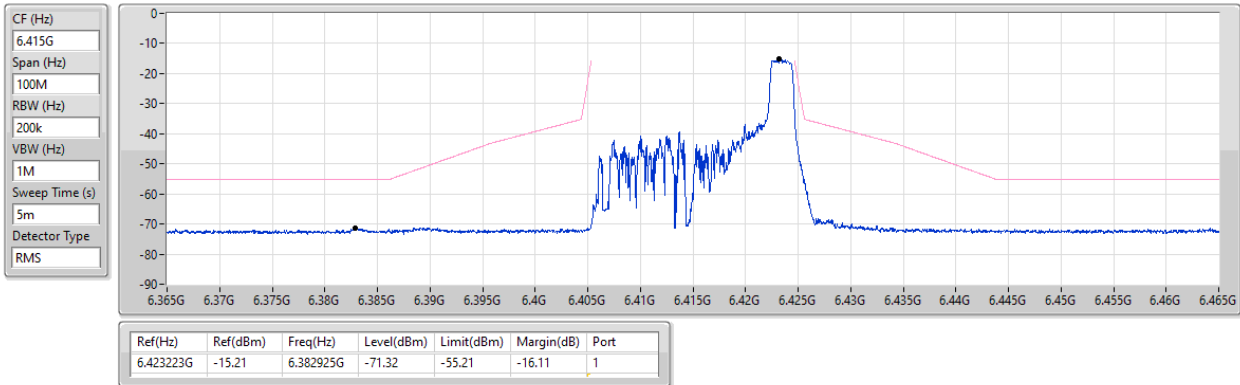


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX

MASK

6415MHz_TX

10/12/2024

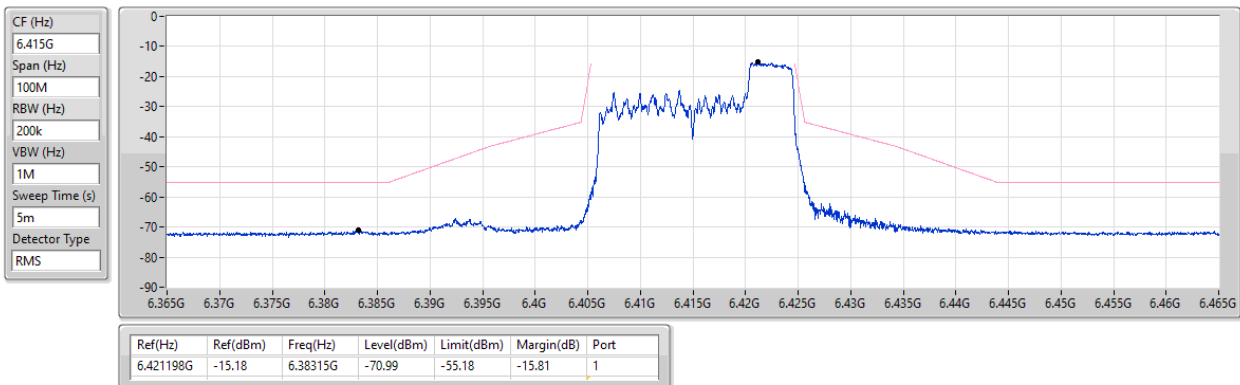


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX

MASK

6415MHz_TX

10/12/2024

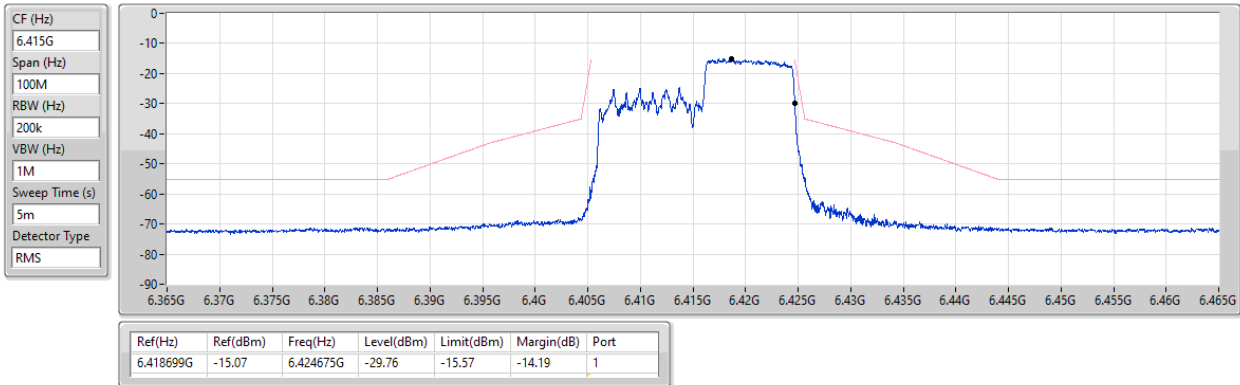


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_1TX

MASK

6415MHz_TX

10/12/2024

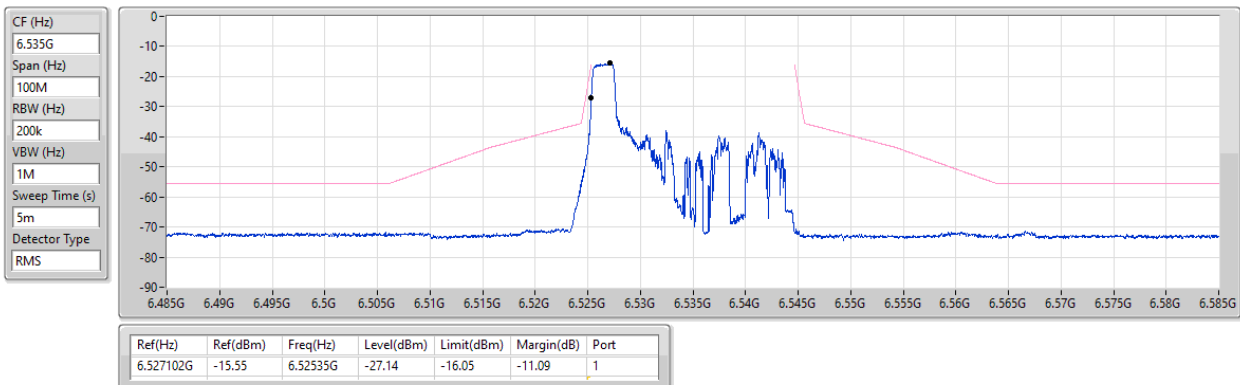


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX

MASK

6535MHz_TX

10/12/2024

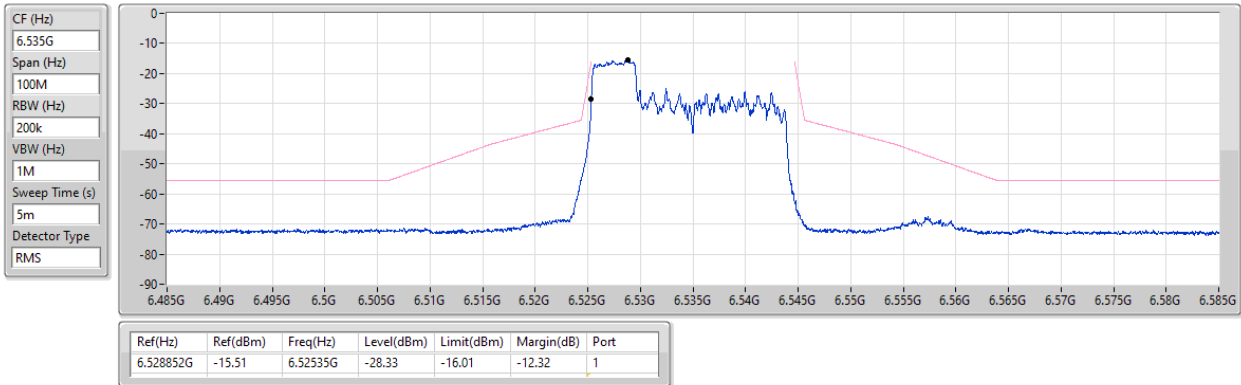


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX

MASK

6535MHz_TX

10/12/2024

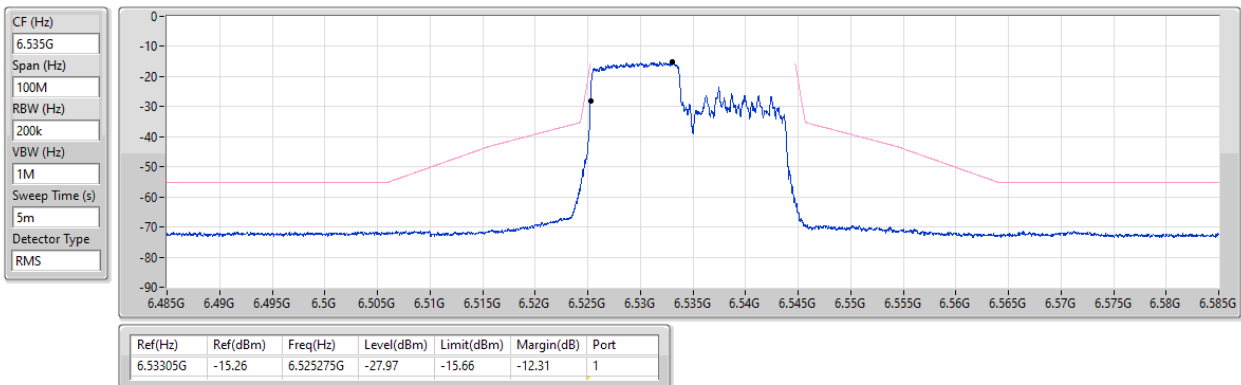


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_1TX

MASK

6535MHz_TX

10/12/2024

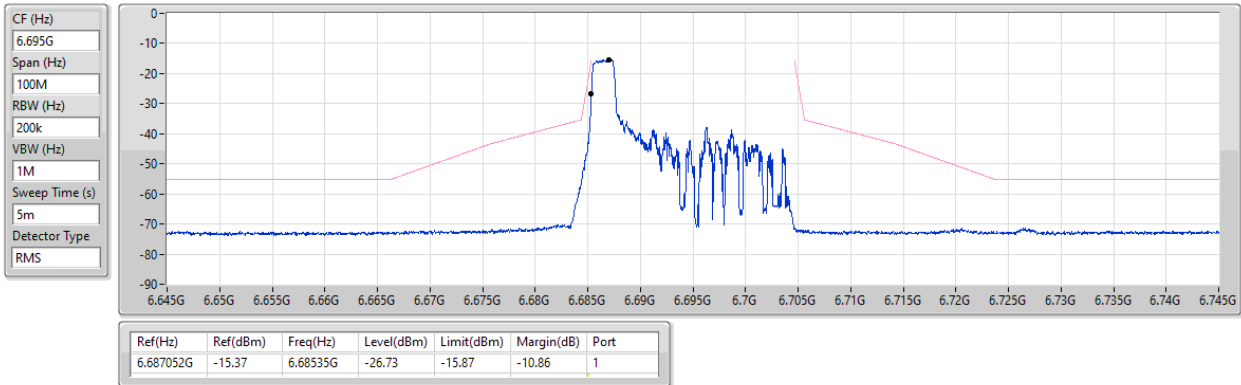


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX

MASK

6695MHz_TX

10/12/2024

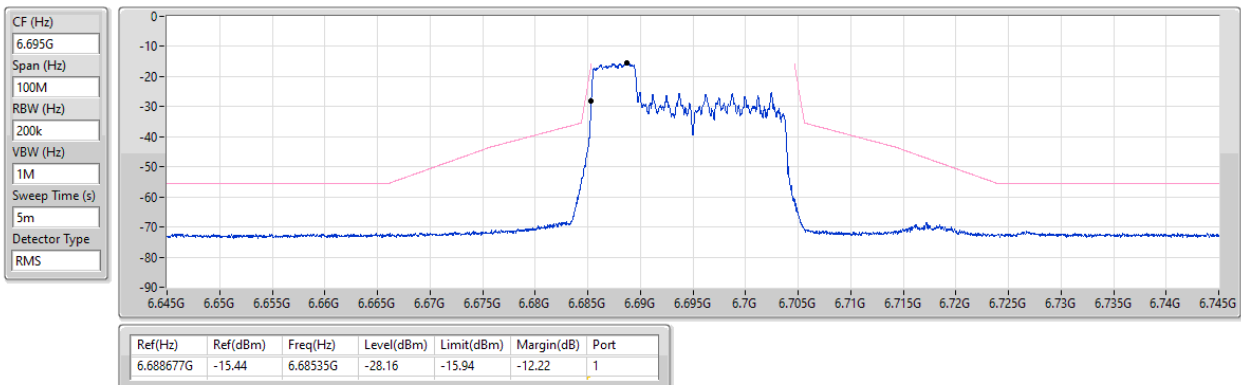


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX

MASK

6695MHz_TX

10/12/2024

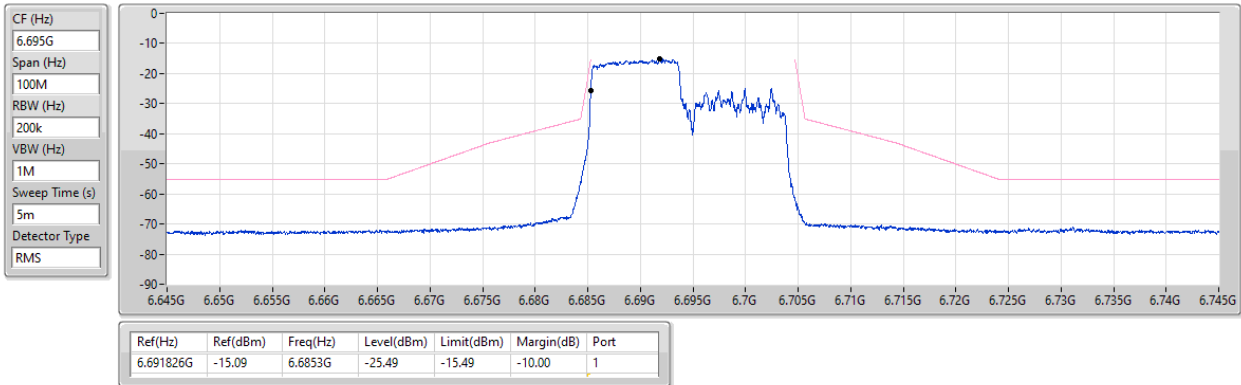


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_1TX

MASK

6695MHz_TX

10/12/2024

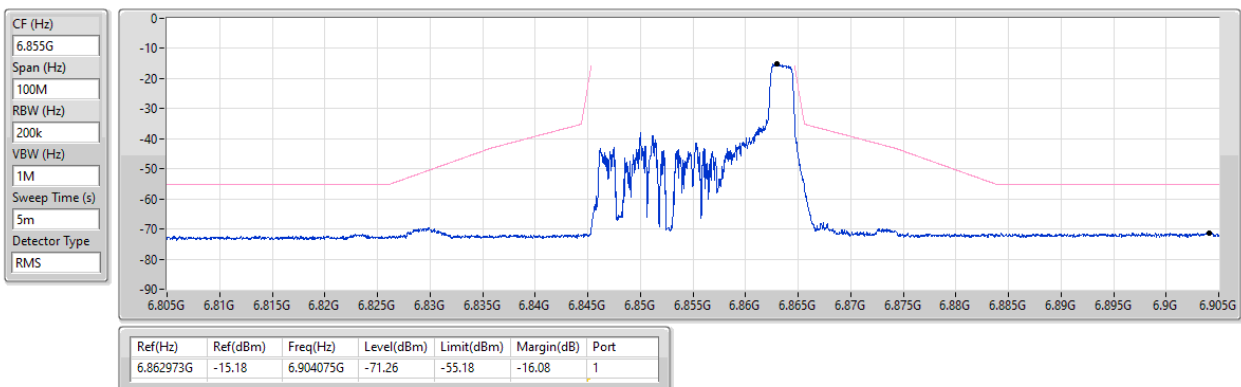


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX

MASK

6855MHz_TX

10/12/2024

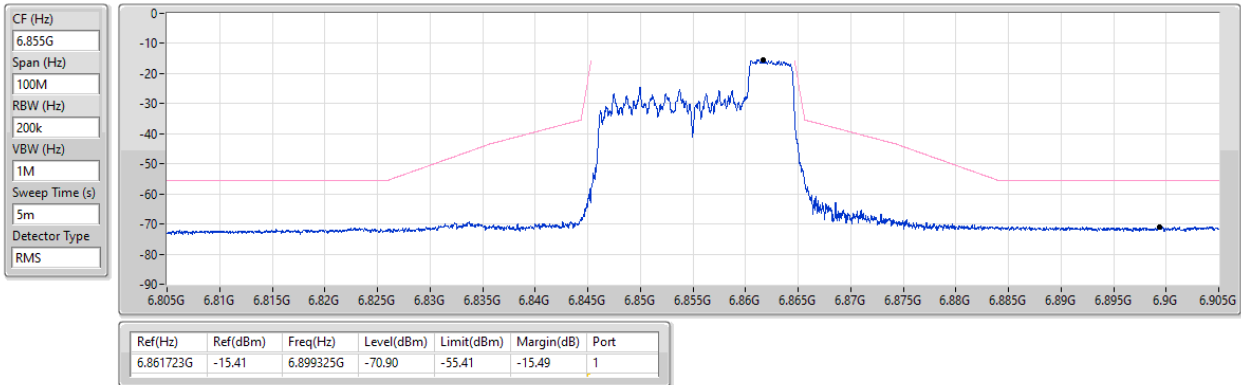


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX

MASK

6855MHz_TX

10/12/2024

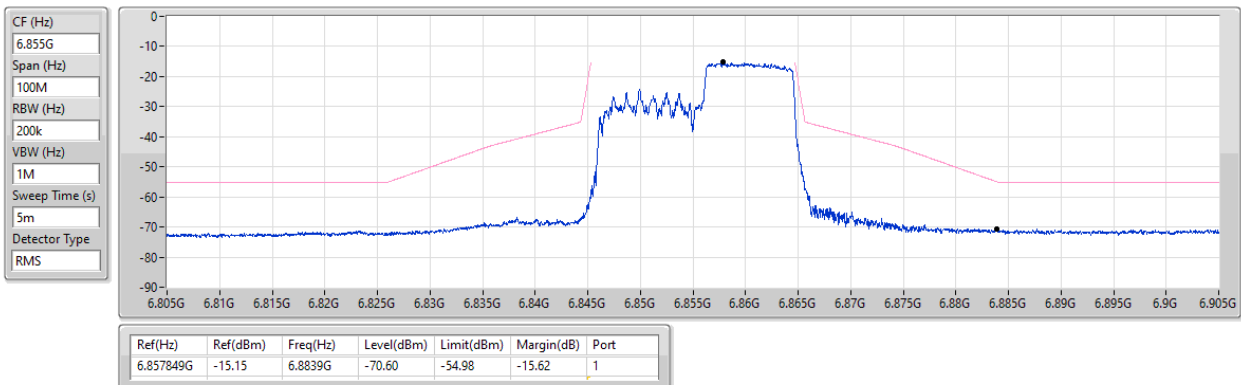


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_1TX

MASK

6855MHz_TX

10/12/2024

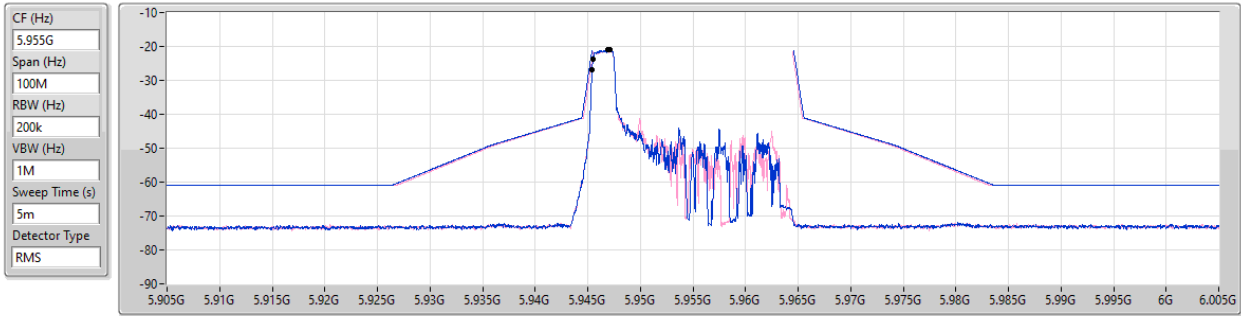


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_2TX

MASK

5955MHz_TX

10/12/2024



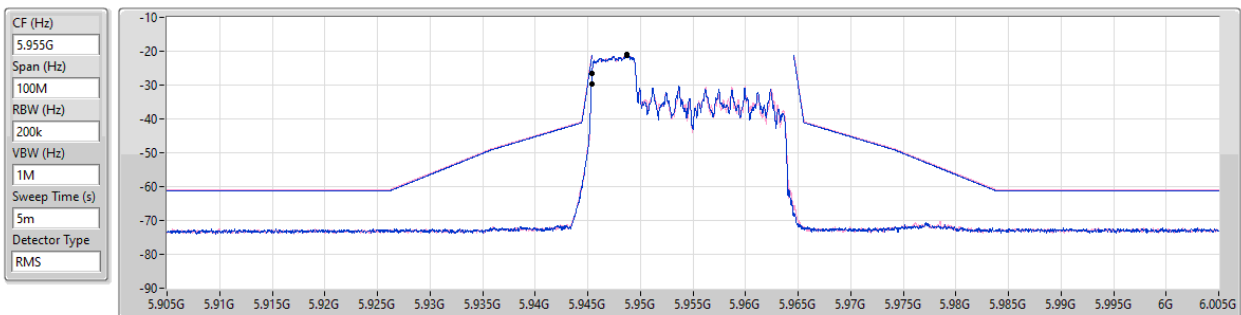
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.947152G	-21.07	5.945425G	-26.87	-21.17	-5.70	1
5.946877G	-21.09	5.9455G	-23.71	-22.49	-1.22	2

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_2TX

MASK

5955MHz_TX

10/12/2024



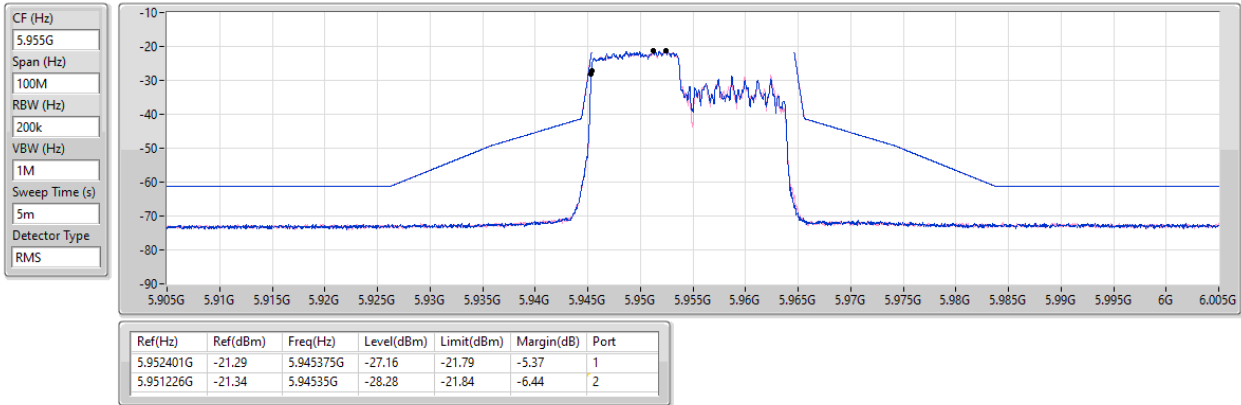
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.948702G	-21.13	5.945425G	-26.59	-21.23	-5.36	1
5.948677G	-20.89	5.945375G	-29.54	-21.39	-8.15	2

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_2TX

MASK

5955MHz_TX

10/12/2024

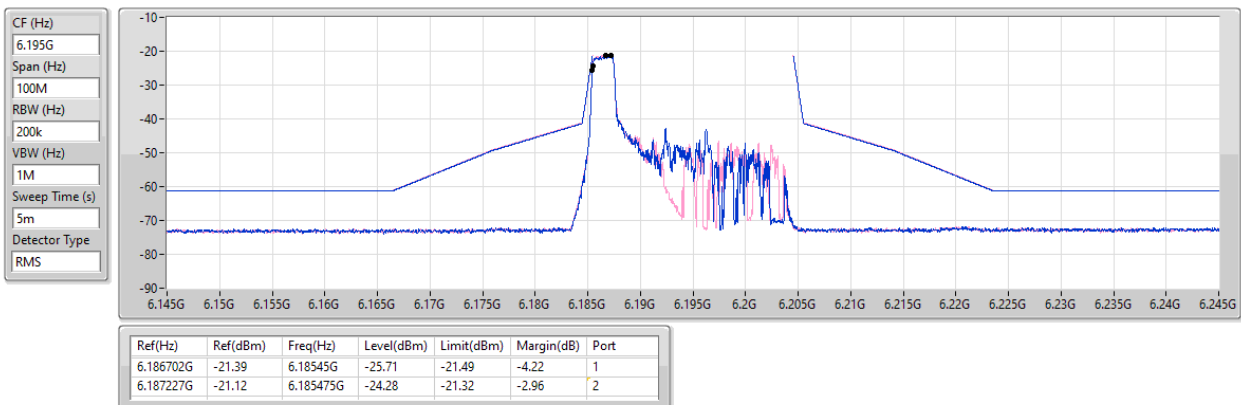


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_2TX

MASK

6195MHz_TX

10/12/2024

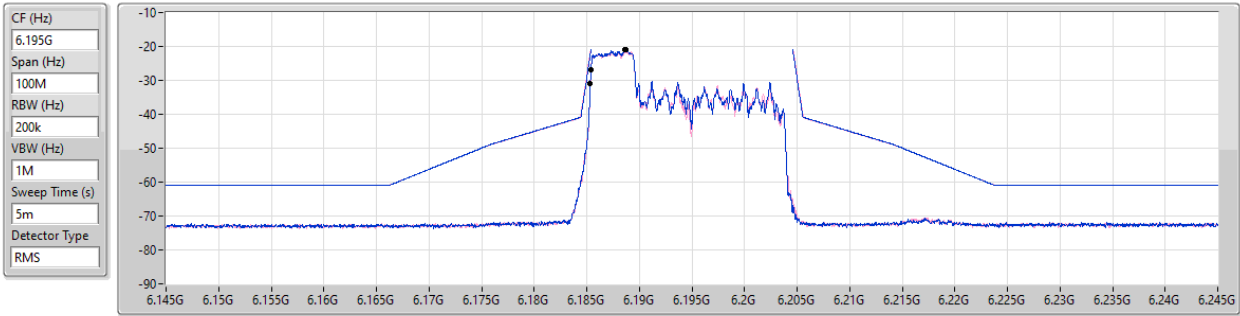


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_2TX

MASK

6195MHz_TX

10/12/2024



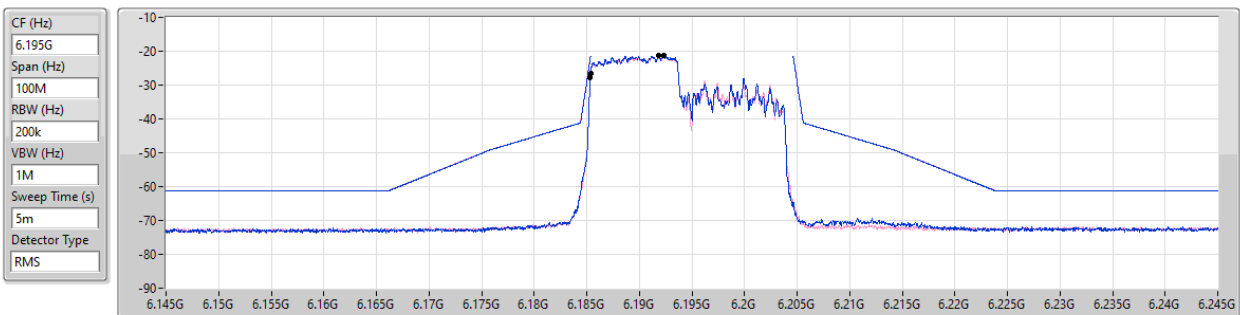
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.188677G	-20.89	6.185425G	-26.77	-20.99	-5.78	1
6.188652G	-21.06	6.18535G	-30.92	-21.56	-9.36	2

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_2TX

MASK

6195MHz_TX

10/12/2024



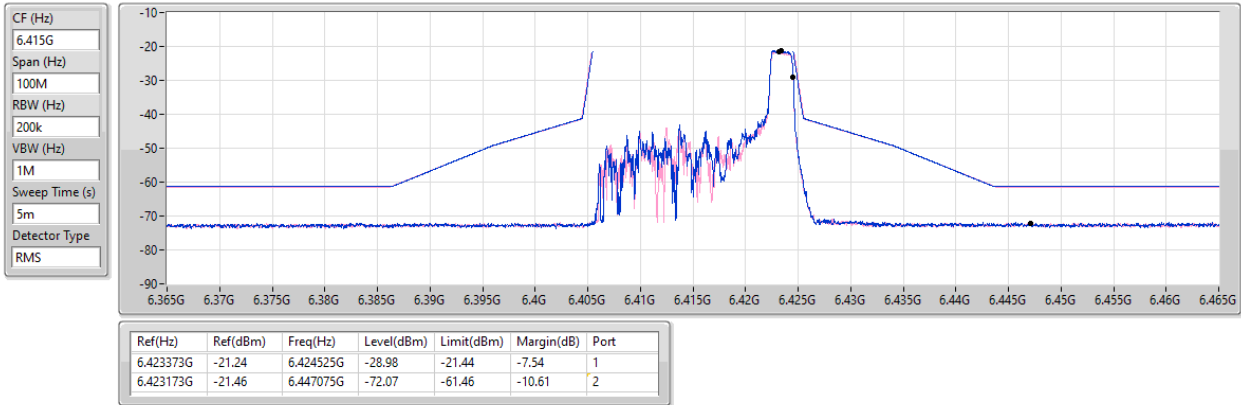
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.191851G	-21.19	6.185375G	-26.50	-21.69	-4.81	1
6.192376G	-21.19	6.18535G	-27.83	-21.69	-6.14	2

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_2TX

MASK

6415MHz_TX

10/12/2024

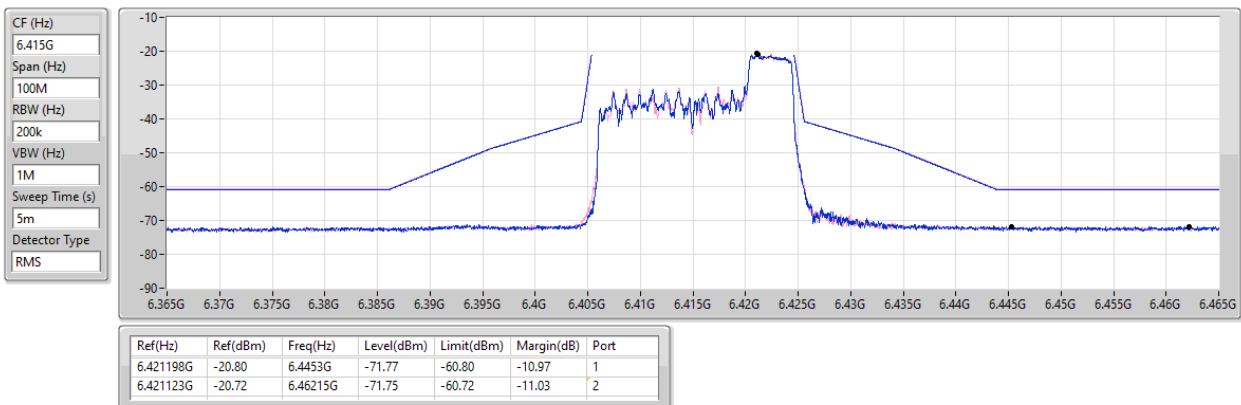


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_2TX

MASK

6415MHz_TX

10/12/2024

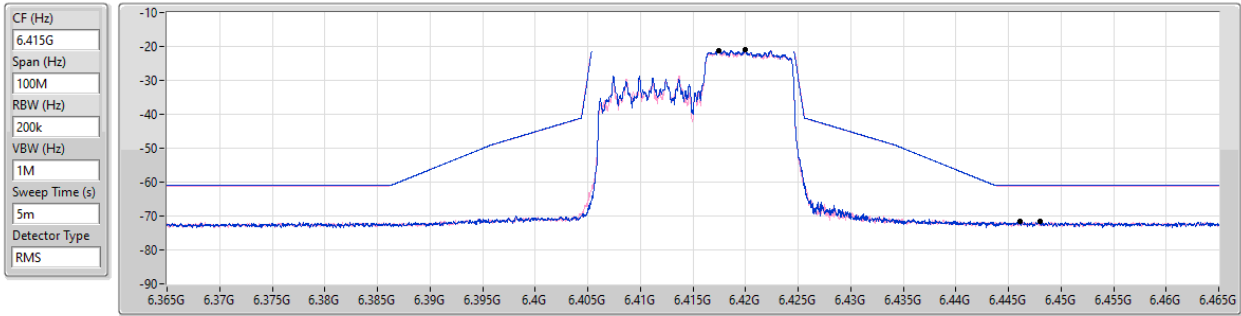


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_2TX

MASK

6415MHz_TX

10/12/2024



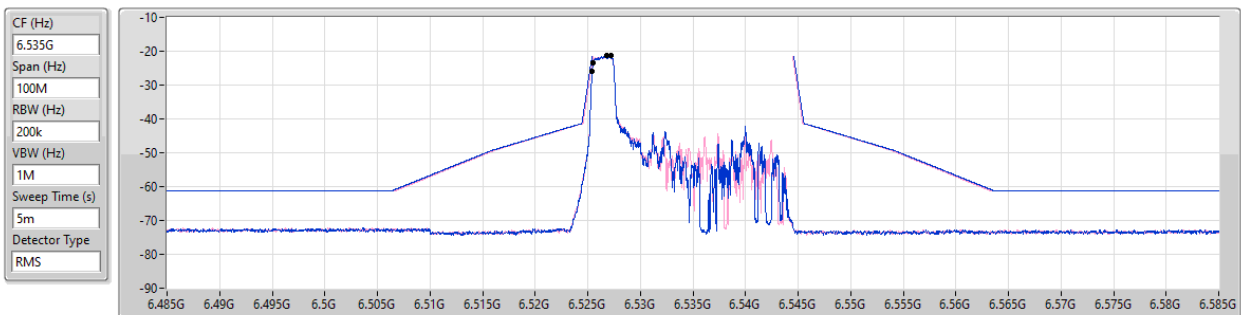
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.419949G	-21.07	6.4461G	-71.67	-61.07	-10.60	1
6.417424G	-21.22	6.448G	-71.71	-61.22	-10.49	2

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_2TX

MASK

6535MHz_TX

10/12/2024



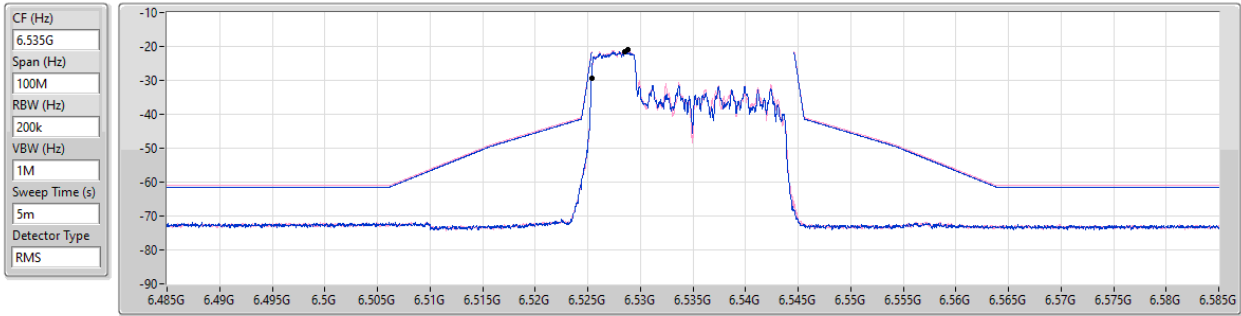
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.527202G	-21.34	6.525425G	-25.99	-21.44	-4.55	1
6.526777G	-21.34	6.5255G	-23.35	-22.14	-1.21	2

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_2TX

MASK

6535MHz_TX

10/12/2024



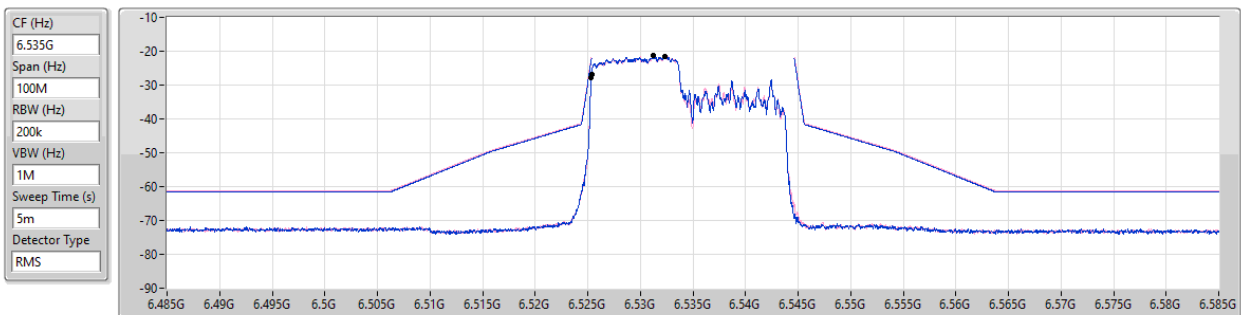
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.528527G	-21.43	6.525375G	-29.33	-21.93	-7.40	1
6.528802G	-21.00	6.525375G	-29.44	-21.50	-7.94	2

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_2TX

MASK

6535MHz_TX

10/12/2024



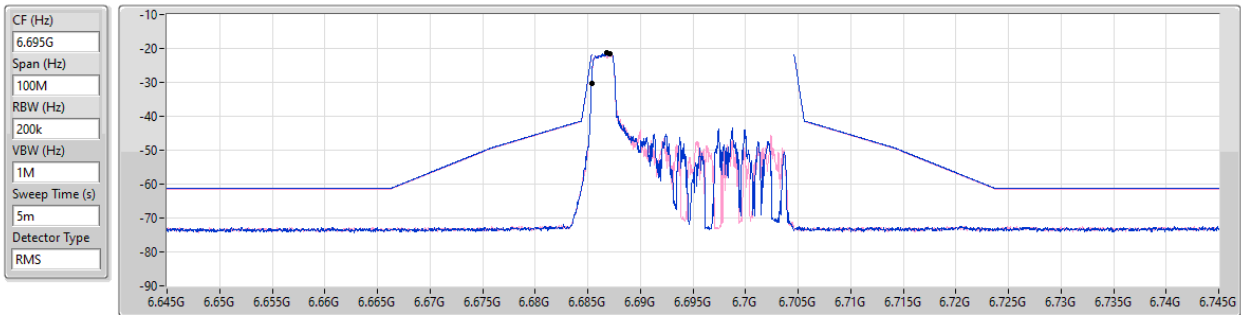
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.532326G	-21.65	6.525375G	-26.91	-22.15	-4.76	1
6.531201G	-21.37	6.52535G	-27.92	-21.87	-6.05	2

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_2TX

MASK

6695MHz_TX

10/12/2024

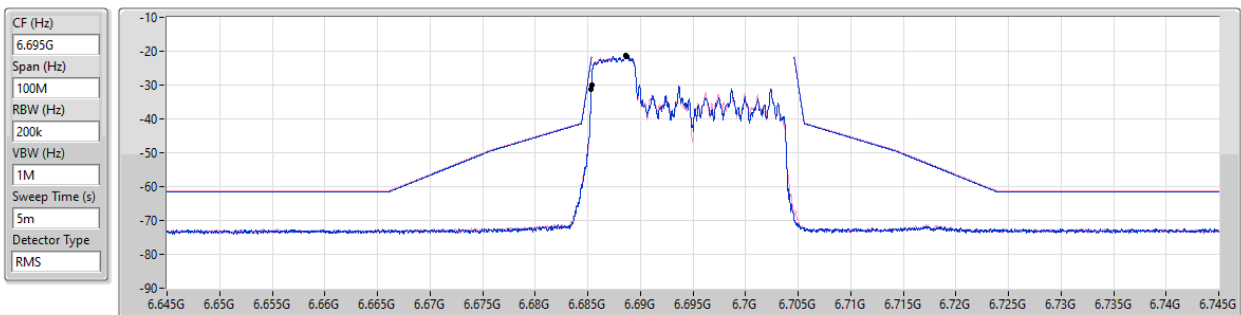


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_2TX

MASK

6695MHz_TX

10/12/2024

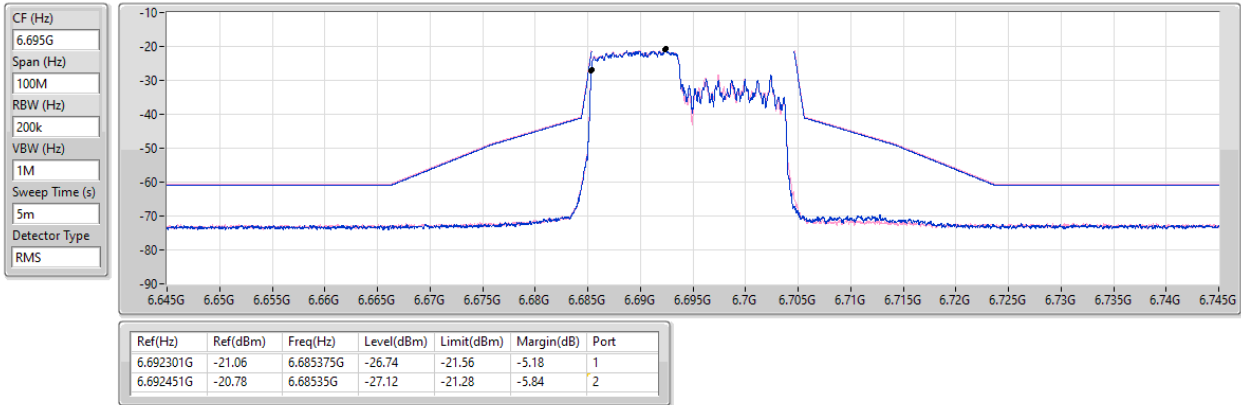


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_2TX

MASK

6695MHz_TX

10/12/2024

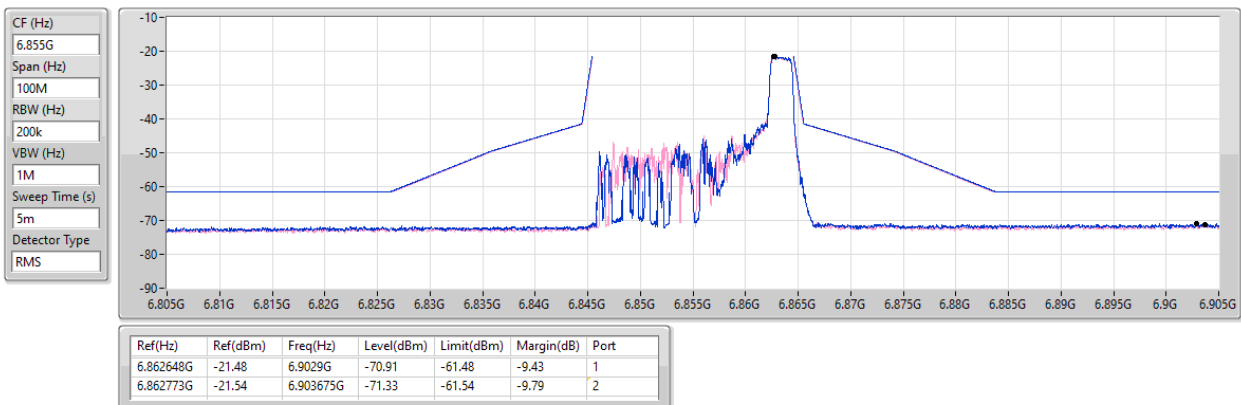


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_2TX

MASK

6855MHz_TX

10/12/2024

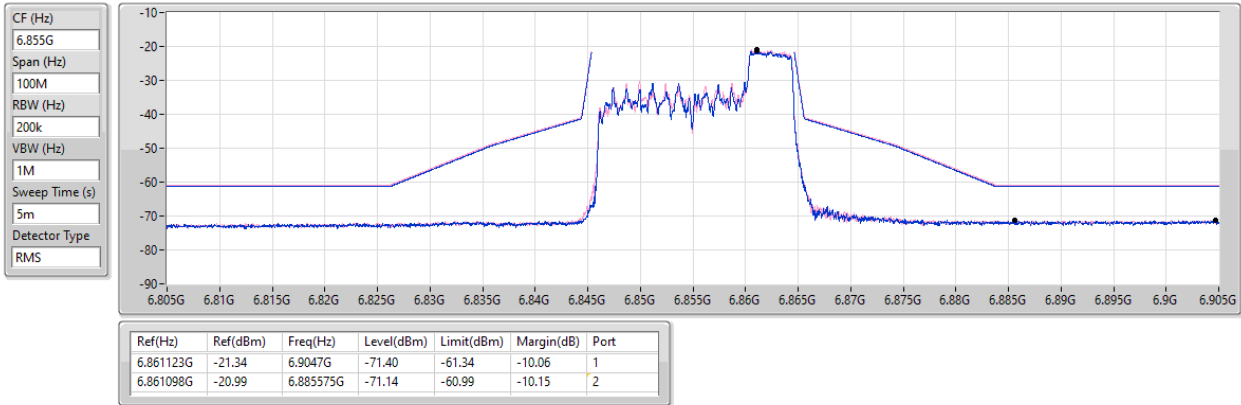


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_2TX

MASK

6855MHz_TX

10/12/2024

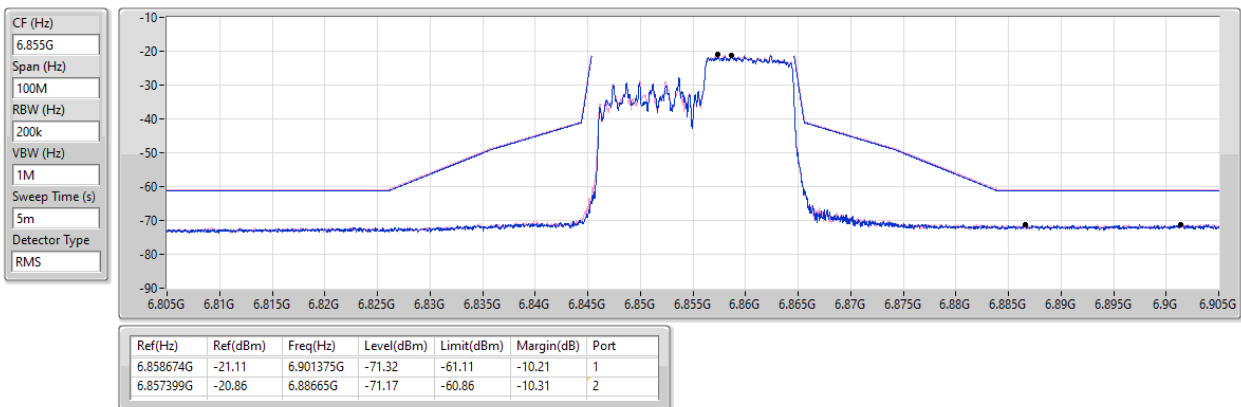


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_2TX

MASK

6855MHz_TX

10/12/2024



Contention Based Protocol Threshold Level 802.11ax HEW20										
UNII Band	Channel	Bandwidth (MHz)	Frequency (MHz)	Interference frequency (MHz)		EUT Status	Injected AWGN Power (dBm)	Ant Gain (dBi)	Detection Power(dBm)	Detection Limit (dBm)
5	53	20	6215	Center	6215	OFF	-77.00	-5.00	-72.00	≤ -62
						Minimal	-78.00	-5.00	-73.00	≤ -62
						ON	-87.00	-5.00	-82.00	≤ -62
7	149	20	6695	Center	6695	OFF	-77.00	-5.00	-72.00	≤ -62
						Minimal	-78.00	-5.00	-73.00	≤ -62
						ON	-87.00	-5.00	-82.00	≤ -62

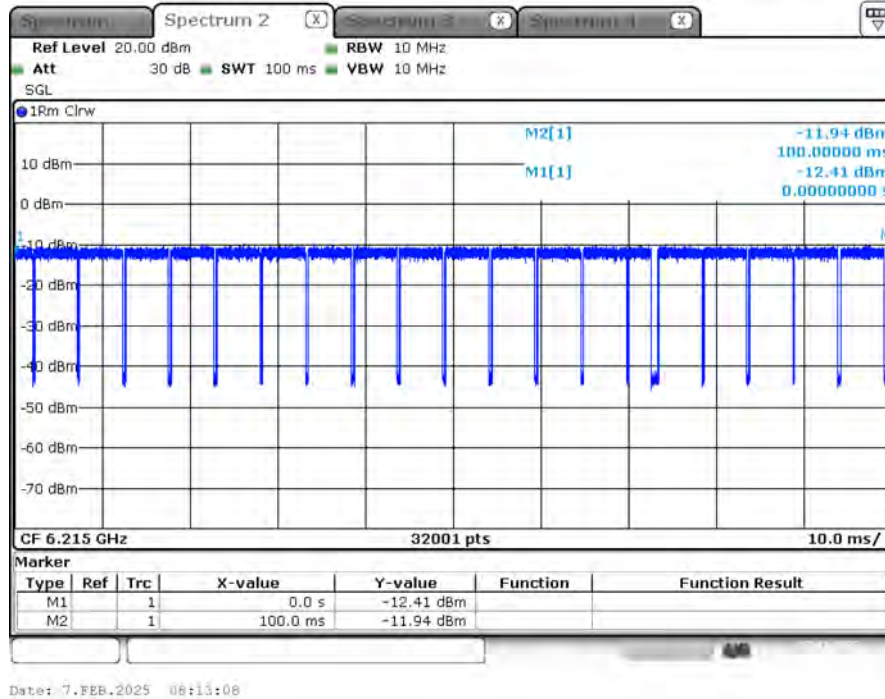
Contention Based Protocol Threshold Level 802.11ax HEW160										
UNII Band	Channel	Bandwidth (MHz)	Frequency (MHz)	Interference frequency (MHz)		EUT Status	Injected AWGN Power (dBm)	Ant Gain (dBi)	Detection Power(dBm)	Detection Limit (dBm)
5	47	160	6185	Low edge	6110	OFF	-80.00	-5.00	-75.00	≤ -62
						Minimal	-81.00	-5.00	-76.00	≤ -62
						ON	-87.00	-5.00	-82.00	≤ -62
				Center	6185	OFF	-76.00	-5.00	-71.00	≤ -62
						Minimal	-77.00	-5.00	-72.00	≤ -62
						ON	-87.00	-5.00	-82.00	≤ -62
				High edge	6260	OFF	-75.00	-5.00	-70.00	≤ -62
						Minimal	-76.00	-5.00	-71.00	≤ -62
						ON	-87.00	-5.00	-82.00	≤ -62
7	143	160	6665	Low edge	6590	OFF	-75.00	-5.00	-70.00	≤ -62
						Minimal	-76.00	-5.00	-71.00	≤ -62
						ON	-87.00	-5.00	-82.00	≤ -62
				Center	6665	OFF	-72.00	-5.00	-67.00	≤ -62
						Minimal	-73.00	-5.00	-68.00	≤ -62
						ON	-87.00	-5.00	-82.00	≤ -62
				High edge	6740	OFF	-71.00	-5.00	-66.00	≤ -62
						Minimal	-72.00	-5.00	-67.00	≤ -62
						ON	-87.00	-5.00	-82.00	≤ -62

Contention Based protocol 802.11ax HEW20											
UNII Band	Channel	Bandwidth (MHz)	Frequency (MHz)	Interference frequency (MHz)		AWGN Threshold Level (dBm)	EUT Status	Number of Detected (out of 10 times)	Detection Probability (%)	Limit (%)	Test Result
5	53	20	6215	Center	6215	-72.00	OFF	10	100	90	PASS
7	149	20	6695	Center	6695	-72.00	OFF	10	100	90	PASS

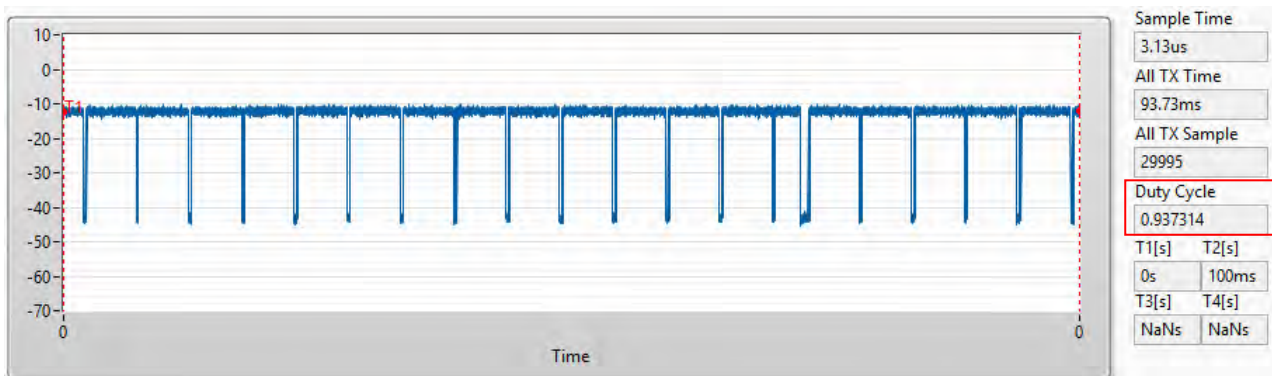
Contention Based protocol 802.11ax HEW160											
UNII Band	Channel	Bandwidth (MHz)	Frequency (MHz)	Interference frequency (MHz)		AWGN Threshold Level (dBm)	EUT Status	Number of Detected (out of 10 times)	Detection Probability (%)	Limit (%)	Test Result
5	47	160	6185	Low edge	6110	-75.00	OFF	10	100	90	PASS
				Center	6185	-71.00	OFF	9	90	90	PASS
				High edge	6260	-70.00	OFF	9	90	90	PASS
7	143	160	6665	Low edge	6590	-70.00	OFF	9	90	90	PASS
				Center	6665	-67.00	OFF	9	90	90	PASS
				High edge	6740	-66.00	OFF	9	90	90	PASS

Bandwidth: 20MHz

Traffic Loading Plot

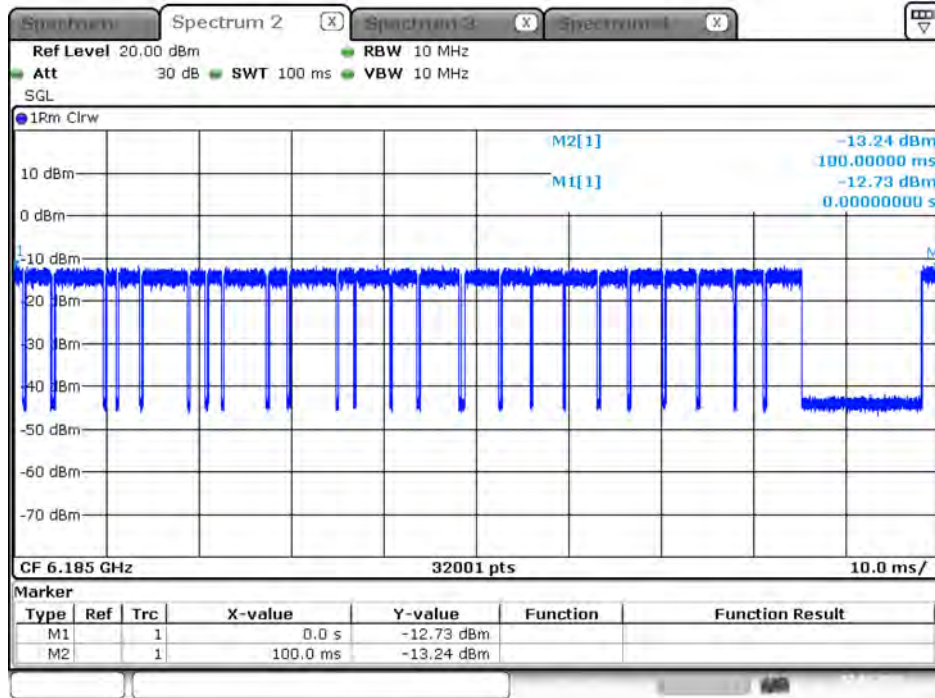


Traffic Loading Calculation

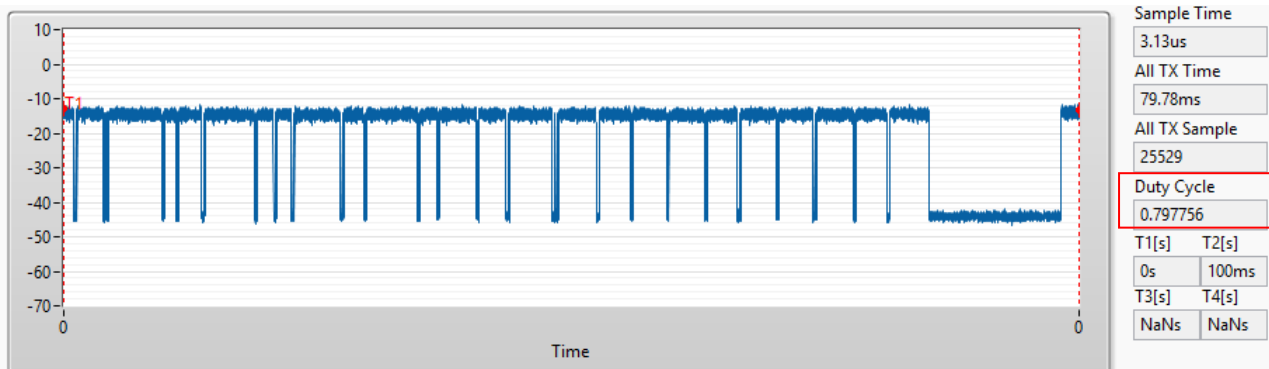


Bandwidth: 160MHz

Traffic Loading Plot



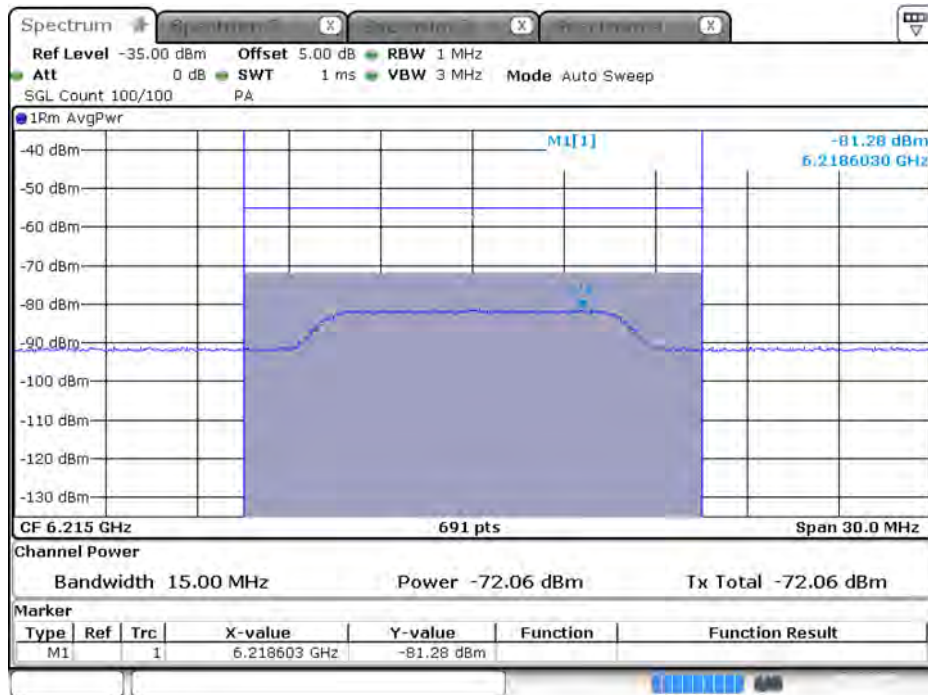
Traffic Loading Calculation



Incumbent signal (AWGN) Plot

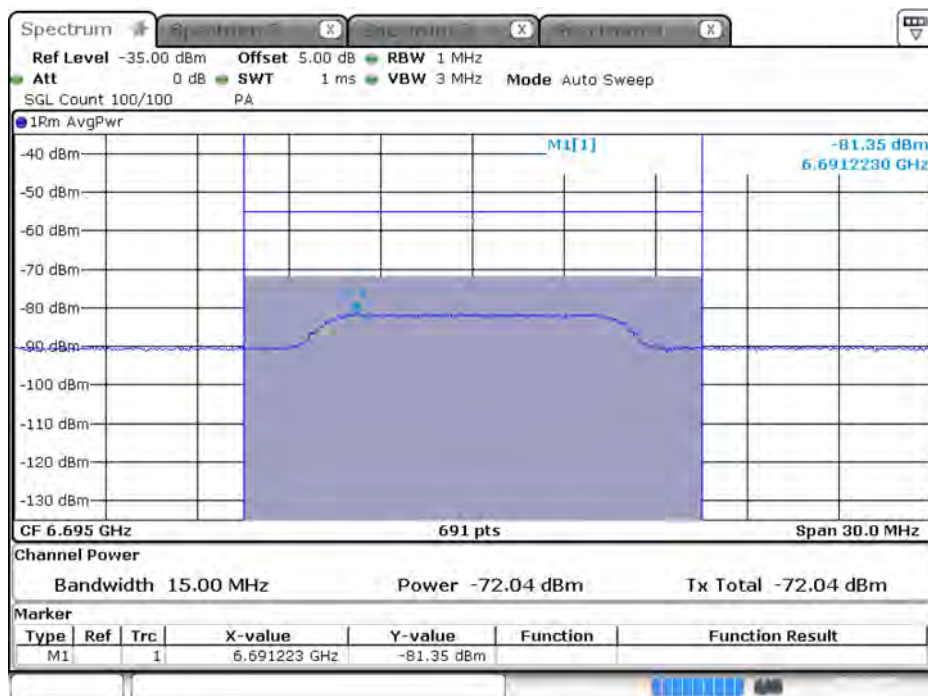
Bandwidth: 20MHz

Frequency (MHz): 6215 MHz



Date: 15.FEB.2025 00:42:44

Frequency (MHz): 6695 MHz



Date: 15.FEB.2025 00:43:40

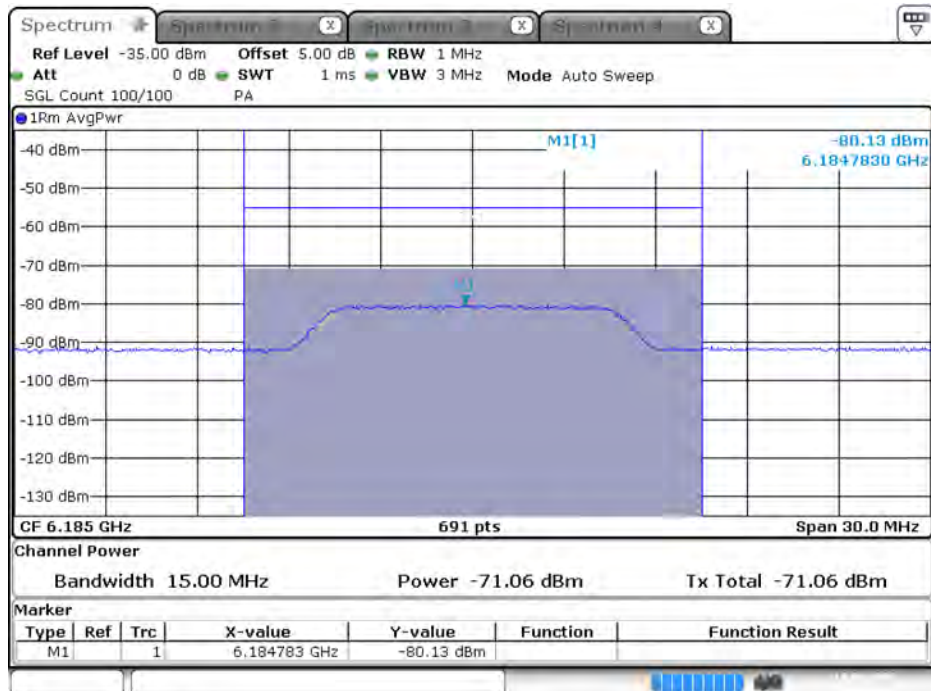
Bandwidth: 160MHz

Frequency (MHz): 6110 MHz



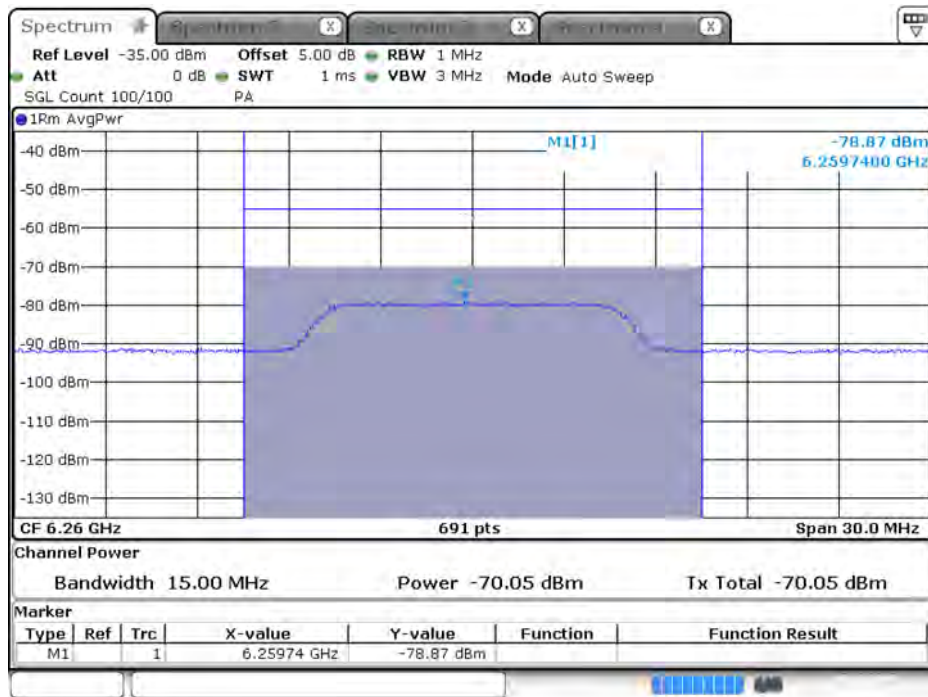
Date: 15.FEB.2025 00:46:33

Frequency (MHz): 6185 MHz



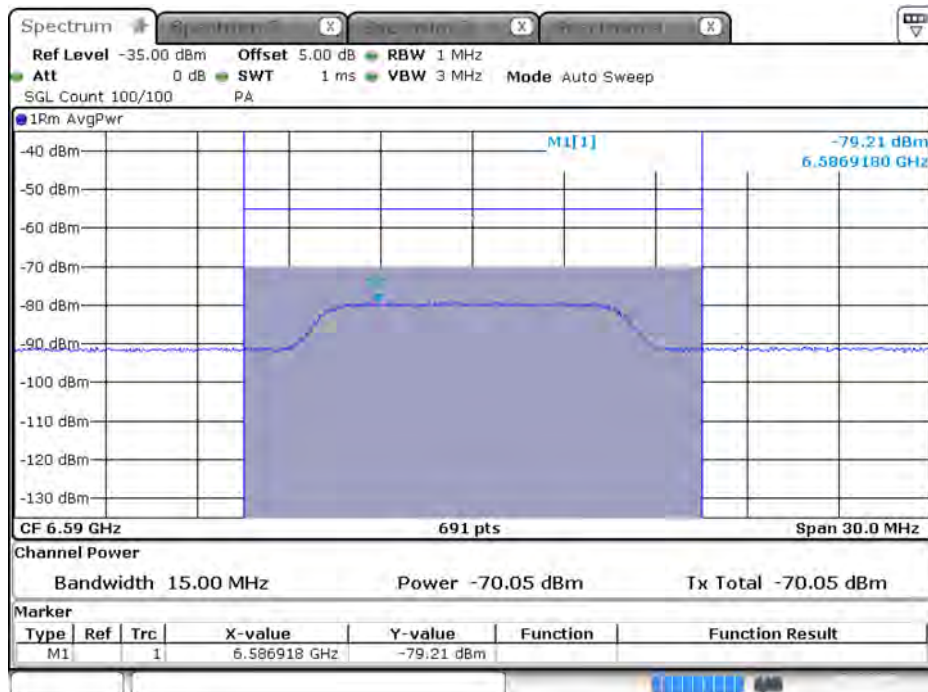
Date: 15.FEB.2025 00:47:10

Frequency (MHz): 6260 MHz



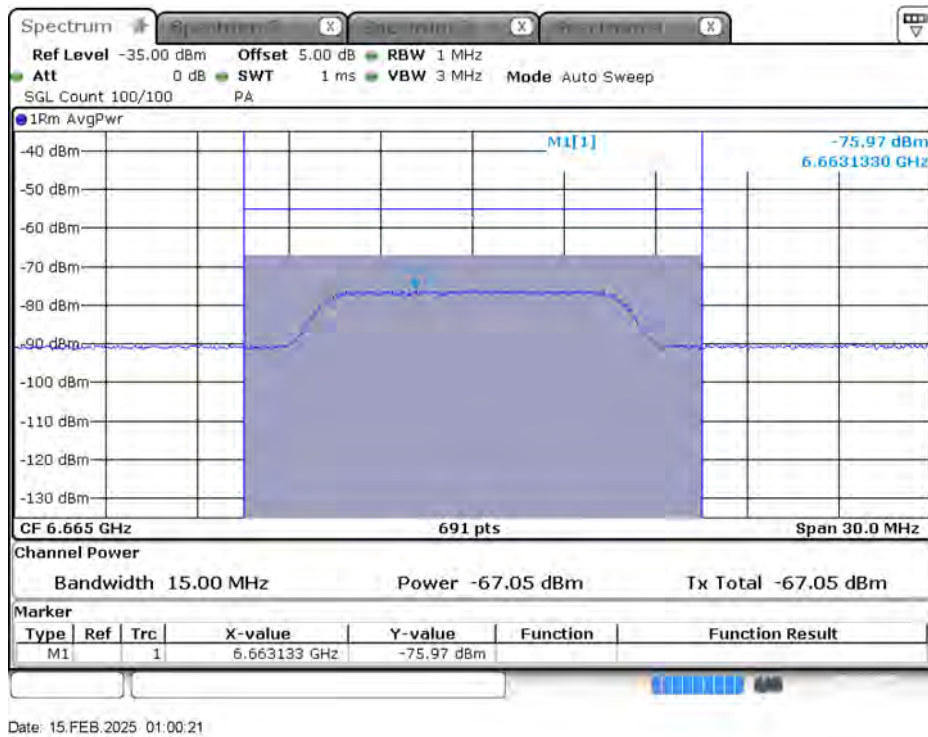
Date: 15.FEB.2025 00:54:25

Frequency (MHz): 6590 MHz

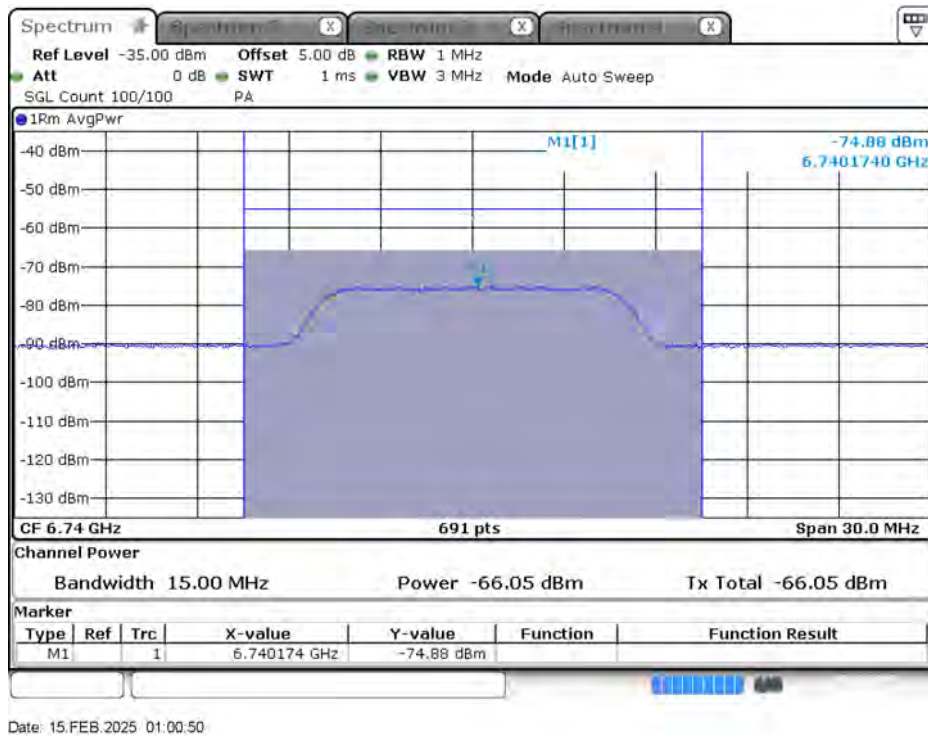


Date: 15.FEB.2025 00:59:49

Frequency (MHz): 6665 MHz



Frequency (MHz): 6740 MHz



Contention-Based Protocol Plot

Bandwidth: 20MHz

Test CH 53 ; Incumbent signal 6215 MHz

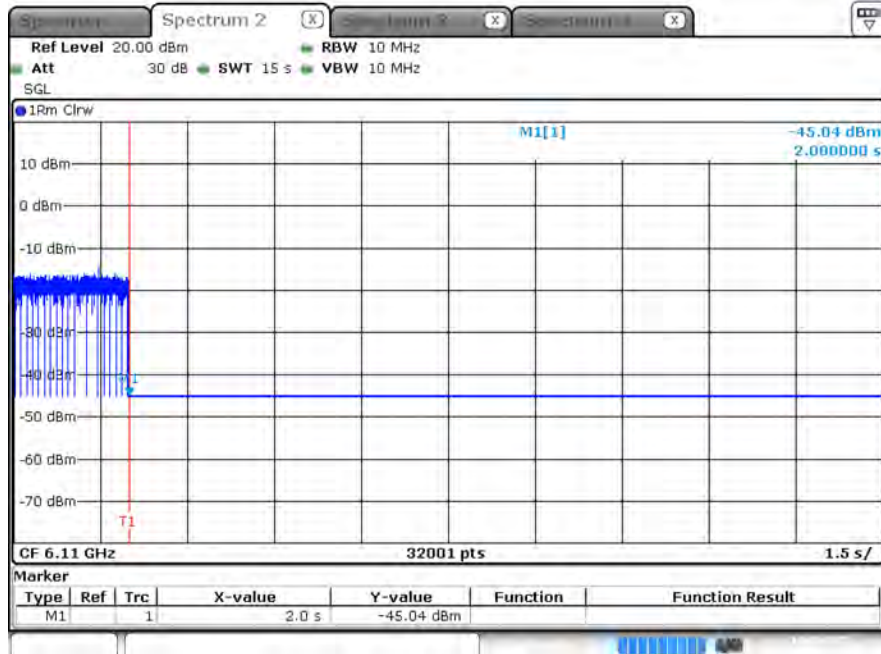
The figure is a spectrum plot titled "Contention-Based Protocol Plot" with a bandwidth of 20 MHz. It shows a signal at 6.215 GHz, identified as "CF 6.215 GHz". The signal is characterized by a sharp peak at -43.06 dBm, marked as M1[1]. The plot also shows a reference level at 20.00 dBm and a noise floor at -70 dBm. The signal is identified as CF 6.215 GHz with 32001 pts and a 1.5 s sweep time.

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.0 s	-43.06 dBm		

Note : M1 : Inject AWGN signal

Bandwidth: 160MHz

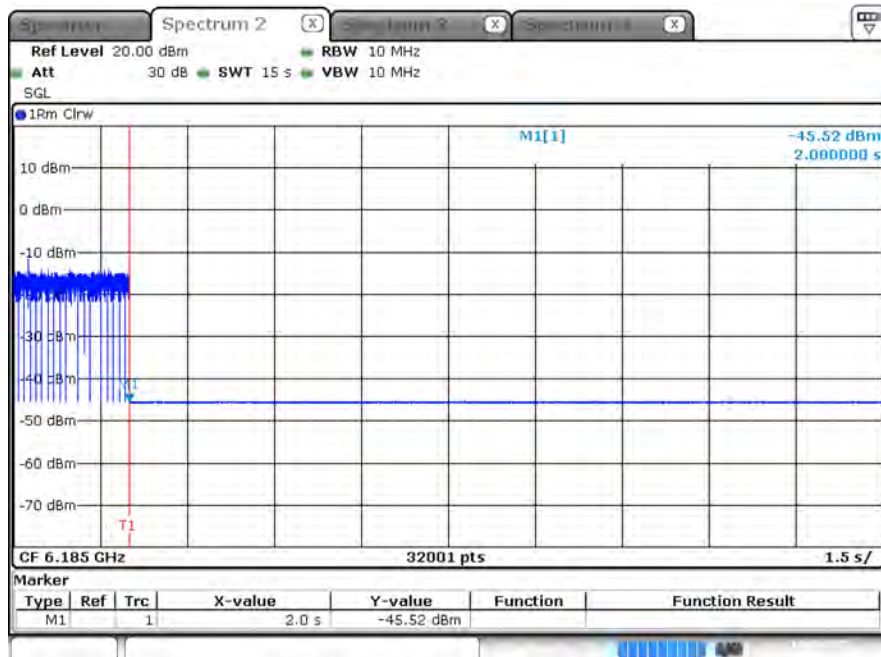
Test CH 47 ; Incumbent signal 6110 MHz



Date: 14 FEB 2025 17:41:38

Note : M1 : Inject AWGN signal

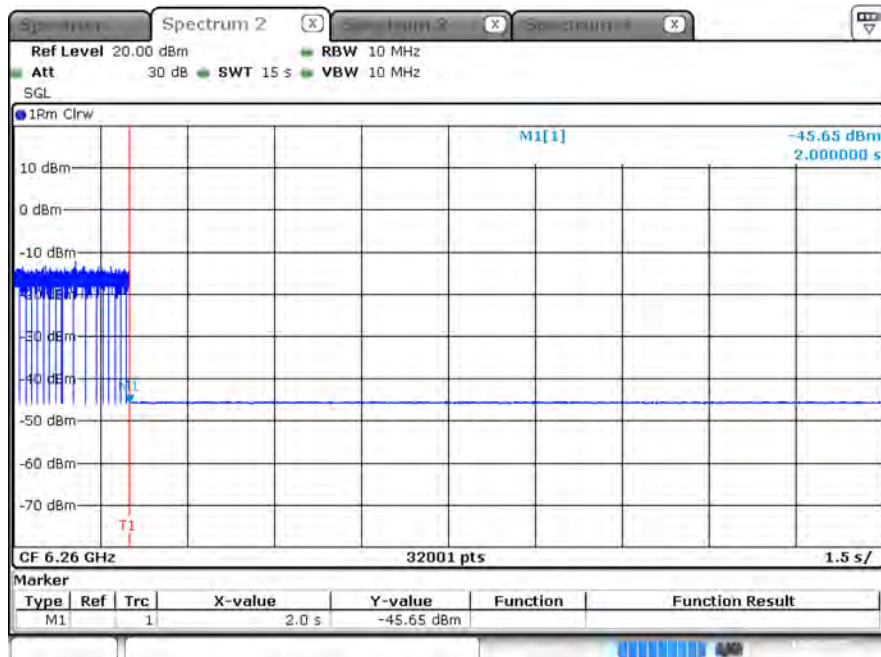
Test CH 47 ; Incumbent signal 6185 MHz



Date: 14 FEB 2025 17:39:49

Note : M1 : Inject AWGN signal

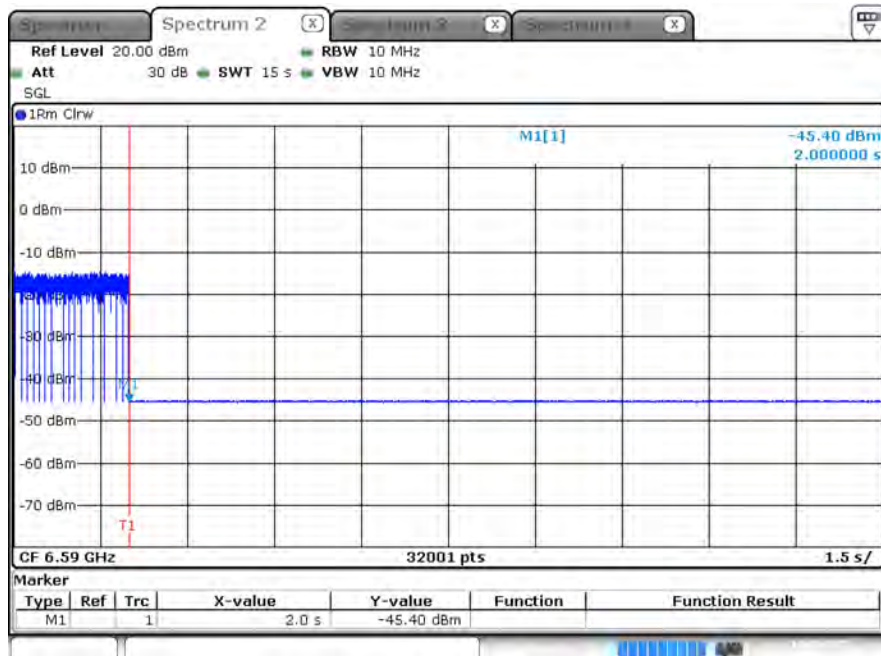
Test CH 47 ; Incumbent signal 6260 MHz



Date: 14 FEB 2025 17:34:47

Note : M1 : Inject AWGN signal

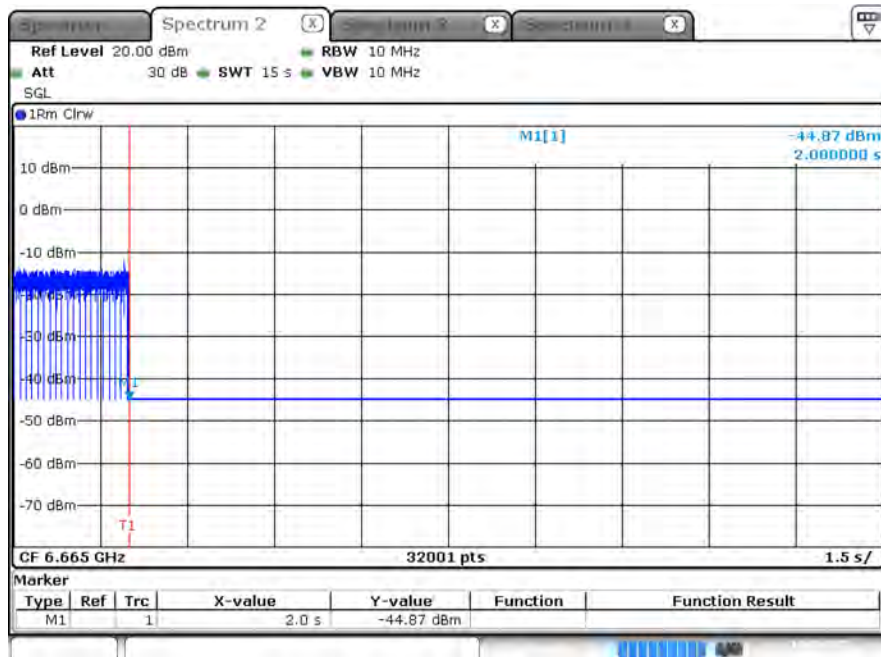
Test CH 143 ; Incumbent signal 6590 MHz



Date: 14 FEB 2025 20:03:30

Note : M1 : Inject AWGN signal

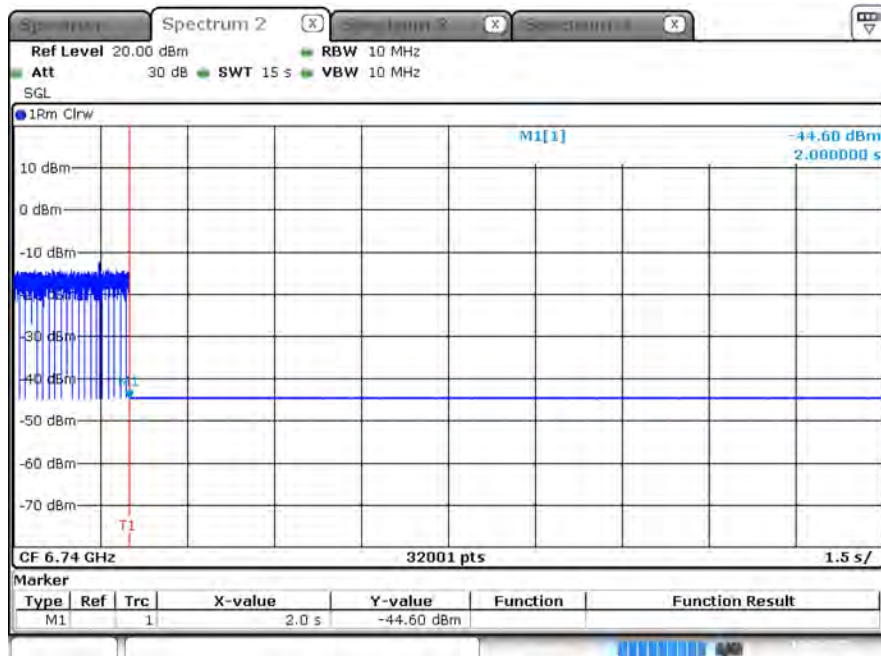
Test CH 143 ; Incumbent signal 6665 MHz



Date: 14 FEB 2025 20:06:15

Note : M1 : Inject AWGN signal

Test CH 143 ; Incumbent signal 6740 MHz



Date: 14 FEB 2025 21:50:17

Note : M1 : Inject AWGN signal