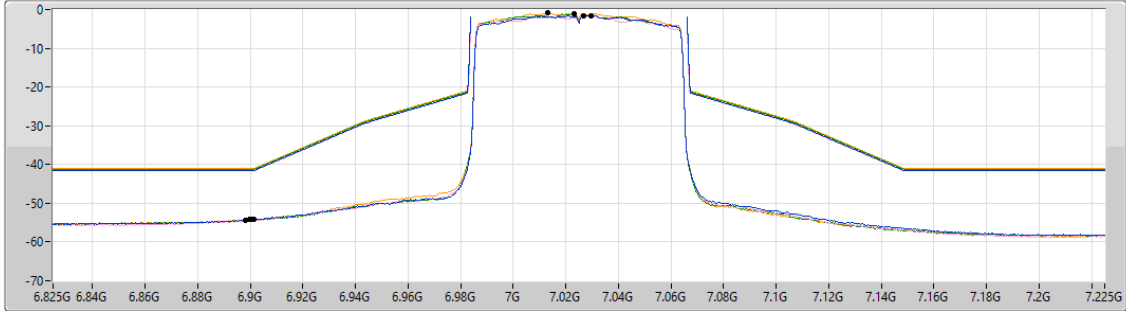


6.875-7.125GHz_802.11ax HEW80_Nss4,(MCS0)_4TX 7025MHz_TnomVnom

MASK

07/11/2022

CF Freq
7.025GHz
Span
400MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



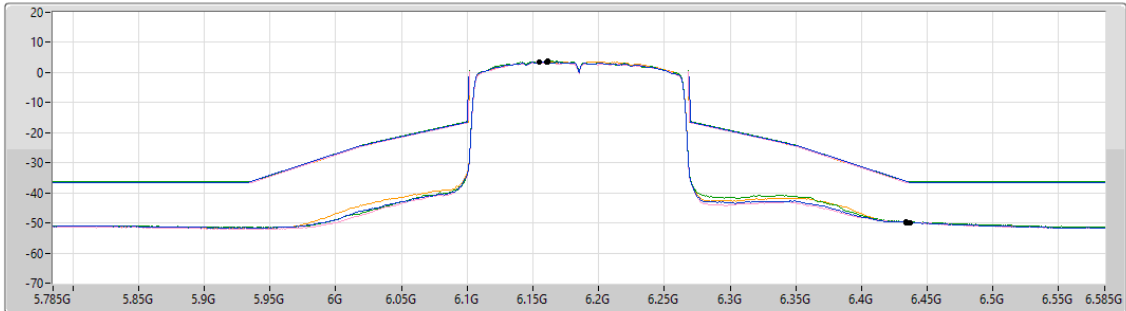
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
7.0298G	-1.52	6.8998G	-54.18	-41.52	-12.66	1
7.027G	-1.55	6.8982G	-54.37	-41.55	-12.82	2
7.023G	-1.21	6.9006G	-54.21	-41.21	-13.00	3
7.01301G	-0.91	6.9014G	-54.07	-40.91	-13.16	4

5.925-6.425GHz_802.11ax HEW160_Nss4,(MCS0)_4TX 6185MHz_TnomVnom

MASK

07/11/2022

CF Freq
6.185GHz
Span
800MHz
RBW
3MHz
VBW
10MHz
Sweep Time
20ms
Detector Type
RMS



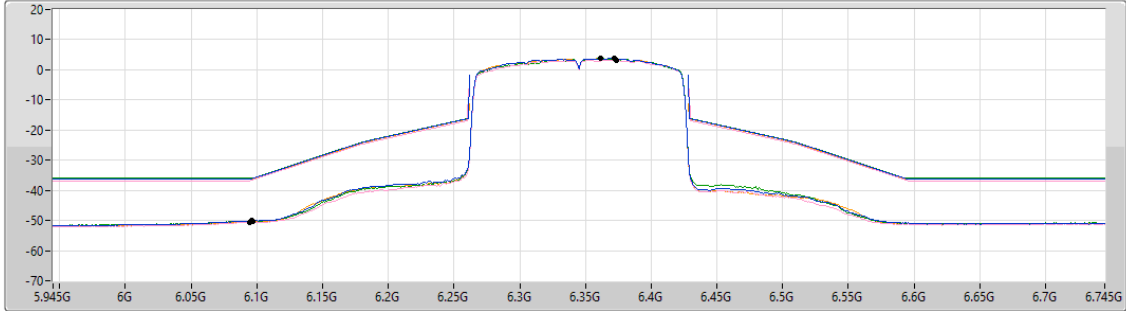
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.16022G	3.53	6.437G	-49.83	-36.47	-13.36	1
6.15463G	3.41	6.4354G	-49.80	-36.59	-13.21	2
6.16102G	3.77	6.4338G	-49.56	-36.18	-13.38	3
6.16102G	3.43	6.4338G	-49.85	-36.57	-13.28	4

5.925-6.425GHz_802.11ax HEW160_Nss4,(MCS0)_4TX
6345MHz_TnomVnom

MASK

07/11/2022

CF Freq
6.345GHz
Span
800MHz
RBW
3MHz
VBW
10MHz
Sweep Time
20ms
Detector Type
RMS



Port 1
Port 2
Port 3
Port 4

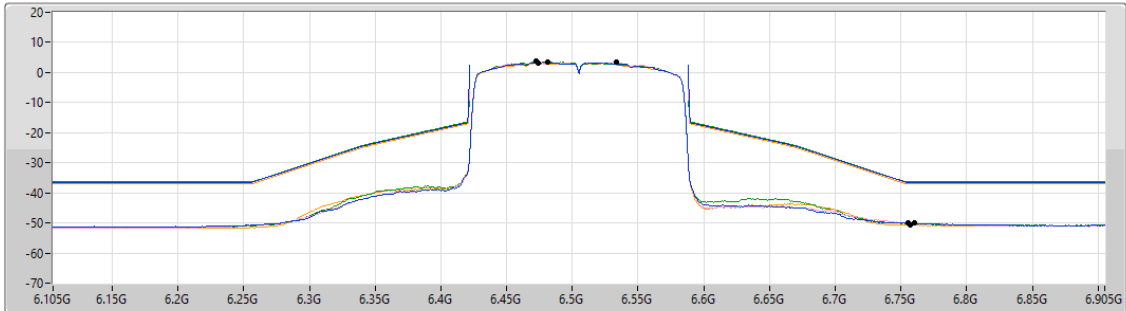
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.37217G	3.83	6.0962G	-50.05	-36.17	-13.88	1
6.37377G	3.15	6.0946G	-50.59	-36.83	-13.76	2
6.36178G	3.93	6.0962G	-50.02	-36.07	-13.95	3
6.36178G	3.79	6.097G	-50.29	-36.21	-14.08	4

6.425-6.525GHz_802.11ax HEW160_Nss4,(MCS0)_4TX
6505MHz Straddle 6.425-6.525GHz_TnomVnom

MASK

07/11/2022

CF Freq
6.505GHz
Span
800MHz
RBW
3MHz
VBW
10MHz
Sweep Time
20ms
Detector Type
RMS



Port 1
Port 2
Port 3
Port 4

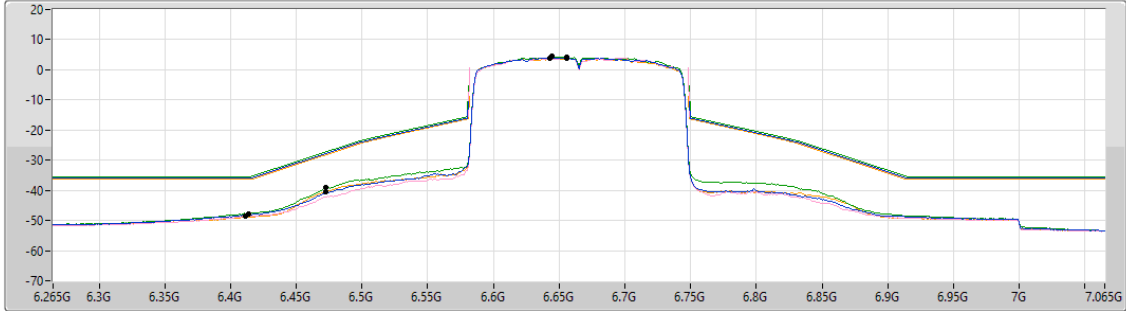
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.48102G	3.39	6.7602G	-50.08	-36.61	-13.47	1
6.53377G	3.38	6.7554G	-50.04	-36.62	-13.42	2
6.47223G	3.69	6.7562G	-50.15	-36.31	-13.84	3
6.47383G	3.04	6.757G	-50.64	-36.96	-13.68	4

6.525-6.875GHz_802.11ax HEW160_Nss4,(MCS0)_4TX
6665MHz_TnomVnom

MASK

07/11/2022

CF Freq
6.665GHz
Span
800MHz
RBW
3MHz
VBW
10MHz
Sweep Time
20ms
Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.64262G	3.98	6.4138G	-48.00	-36.02	-11.98	1
6.65541G	4.01	6.4114G	-48.54	-35.99	-12.55	2
6.64422G	4.43	6.4722G	-39.18	-27.27	-11.91	3
6.65541G	3.80	6.4722G	-40.36	-28.22	-12.14	4

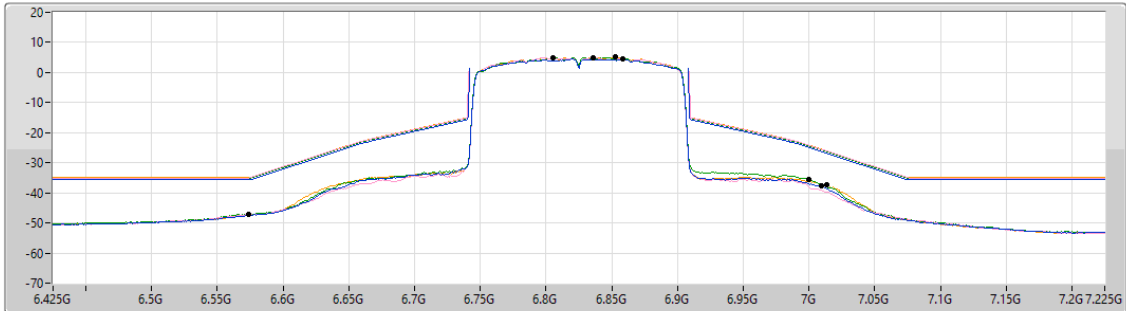
Port 1
Port 2
Port 3
Port 4

6.525-6.875GHz_802.11ax HEW160_Nss4,(MCS0)_4TX
6825MHz Straddle 6.525-6.875GHz_TnomVnom

MASK

07/11/2022

CF Freq
6.825GHz
Span
800MHz
RBW
3MHz
VBW
10MHz
Sweep Time
20ms
Detector Type
RMS

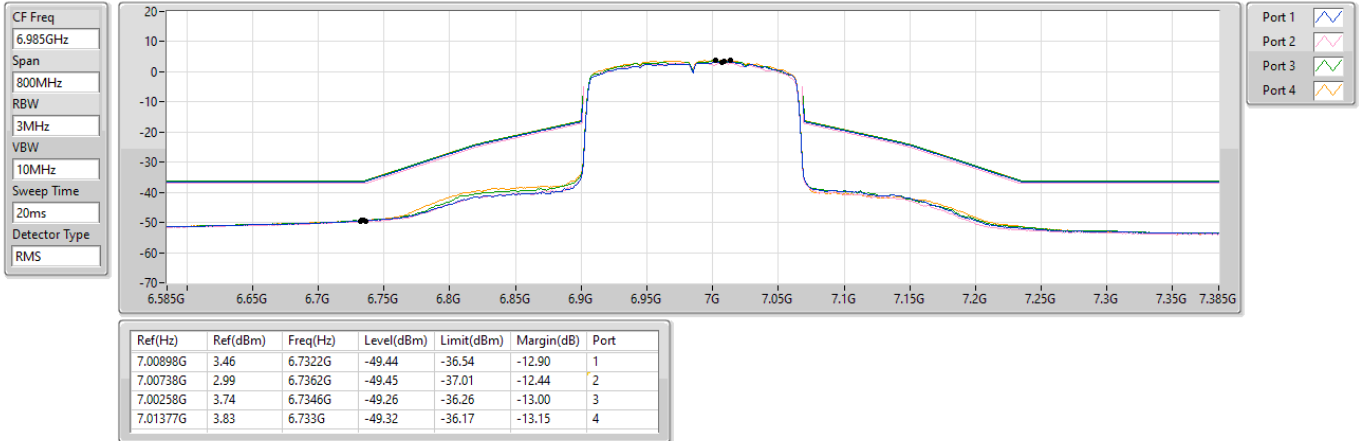


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.85857G	4.42	7.0098G	-37.73	-26.29	-11.44	1
6.83619G	4.95	6.5738G	-47.21	-35.04	-12.17	2
6.80502G	4.84	7.0002G	-35.42	-24.37	-11.05	3
6.85297G	5.08	7.0138G	-37.39	-26.09	-11.30	4

Port 1
Port 2
Port 3
Port 4

**6.875-7.125GHz_802.11ax HEW160_Nss4,(MCS0)_4TX
6985MHz_TnomVnom****MASK**

07/11/2022



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	-73.02	OFF	10	100	90	PASS
6	101	20	6455	Center	6455	-74.04	OFF	9	90	90	PASS
7	149	20	6695	Center	6695	-72.01	OFF	9	90	90	PASS
8	213	20	7015	Center	7015	-73.00	OFF	9	90	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	-68.01	OFF	9	90	90	PASS
				Center	6185	-64.06	OFF	10	100	90	PASS
				High edge	6260	-69.06	OFF	10	100	90	PASS
6	111	160	6505	Low edge	6430	-70.02	OFF	9	90	90	PASS
				Center	6505	-62.03	OFF	9	90	90	PASS
				High edge	6580	-70.07	OFF	10	100	90	PASS
7	143	160	6665	Low edge	6590	-70.00	OFF	9	90	90	PASS
				Center	6665	-62.03	OFF	9	90	90	PASS
				High edge	6740	-70.02	OFF	9	90	90	PASS
8	207	160	6985	Low edge	6910	-69.01	OFF	10	100	90	PASS
				Center	6985	-62.01	OFF	10	100	90	PASS
				High edge	7060	-70.01	OFF	10	100	90	PASS

Contention Based Protocol Threshold Level										
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	-71.40	1.60	-73.02	≤ -62
						Minimal	-72.40	1.60	-74.00	≤ -62
						ON	-80.40	1.60	-82.00	≤ -62
6	101	20	6455	Center	6455	OFF	-71.70	2.30	-74.04	≤ -62
						Minimal	-72.70	2.30	-75.00	≤ -62
						ON	-79.70	2.30	-82.00	≤ -62
7	149	20	6695	Center	6695	OFF	-69.70	2.30	-72.01	≤ -62
						Minimal	-70.70	2.30	-73.00	≤ -62
						ON	-79.70	2.30	-82.00	≤ -62
8	213	20	7015	Center	7015	OFF	-69.90	3.10	-73.00	≤ -62
						Minimal	-70.90	3.10	-74.00	≤ -62
						ON	-78.90	3.10	-82.00	≤ -62

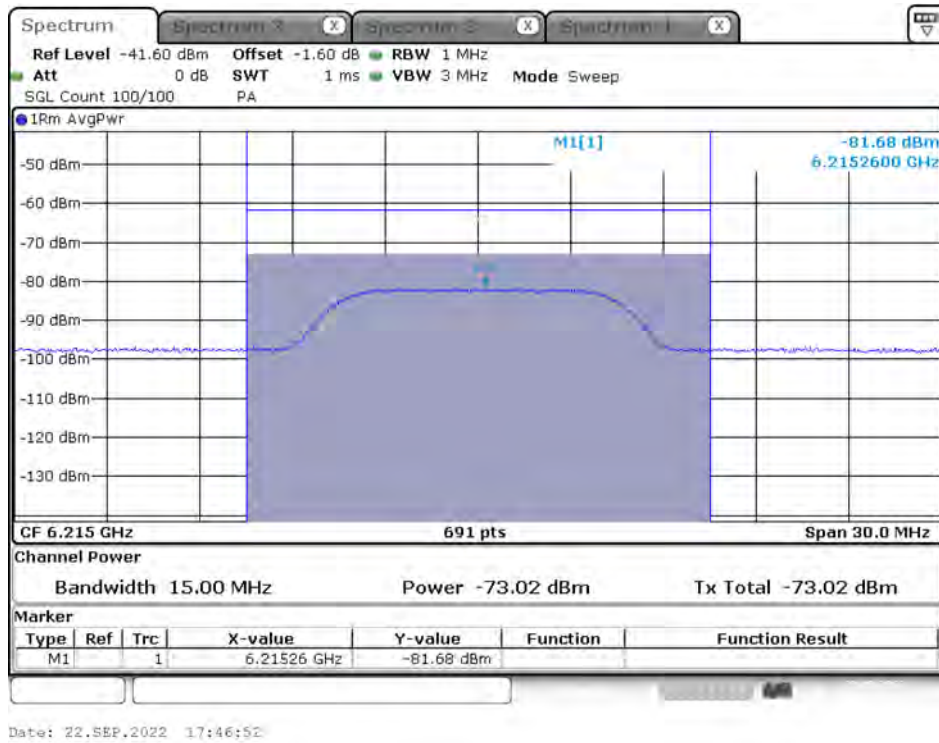
Contention Based Protocol Threshold Level										
UNII Band	Channel	Bandwidth (MHz)	Frequency (MHz)	Interference frequency (MHz)		EUT Status	Injected AWGN Power (dBm)	Ant Gain (dBi)	Detection Power(dBm)	Detection Limit (dBm)
5	47	160	6185	Low edge	6110	OFF	-66.40	1.60	-68.01	≤ -62
						Minimal	-67.40	1.60	-69.00	≤ -62
						ON	-80.40	1.60	-82.00	≤ -62
				Center	6185	OFF	-62.40	1.60	-64.06	≤ -62
						Minimal	-63.40	1.60	-65.00	≤ -62
						ON	-80.40	1.60	-82.00	≤ -62
				High edge	6260	OFF	-67.40	1.60	-69.06	≤ -62
						Minimal	-68.40	1.60	-70.00	≤ -62
						ON	-80.40	1.60	-82.00	≤ -62
6	111	160	6505	Low edge	6430	OFF	-67.70	2.30	-70.02	≤ -62
						Minimal	-68.70	2.30	-71.00	≤ -62
						ON	-79.70	2.30	-82.00	≤ -62
				Center	6505	OFF	-59.70	2.30	-62.03	≤ -62
						Minimal	-60.70	2.30	-63.00	≤ -62
						ON	-79.70	2.30	-82.00	≤ -62
				High edge	6580	OFF	-67.70	2.30	-70.07	≤ -62
						Minimal	-68.70	2.30	-71.00	≤ -62
						ON	-79.70	2.30	-82.00	≤ -62
7	143	160	6665	Low edge	6590	OFF	-67.70	2.30	-70.00	≤ -62
						Minimal	-68.70	2.30	-71.00	≤ -62
						ON	-79.70	2.30	-82.00	≤ -62
				Center	6665	OFF	-59.70	2.30	-62.03	≤ -62
						Minimal	-60.70	2.30	-63.00	≤ -62
						ON	-79.70	2.30	-82.00	≤ -62
				High edge	6740	OFF	-67.70	2.30	-70.02	≤ -62
						Minimal	-68.70	2.30	-71.00	≤ -62
						ON	-79.70	2.30	-82.00	≤ -62

8	207	160	6895	Low edge	6910	OFF	-65.90	3.10	-69.01	≤ -62
						Minimal	-66.90	3.10	-70.00	≤ -62
						ON	-78.90	3.10	-82.00	≤ -62
				Center	6985	OFF	-58.90	3.10	-62.01	≤ -62
						Minimal	-59.90	3.10	-63.00	≤ -62
						ON	-78.90	3.10	-82.00	≤ -62
				High edge	7060	OFF	-66.90	3.10	-70.01	≤ -62
						Minimal	-67.90	3.10	-71.00	≤ -62
						ON	-78.90	3.10	-82.00	≤ -62

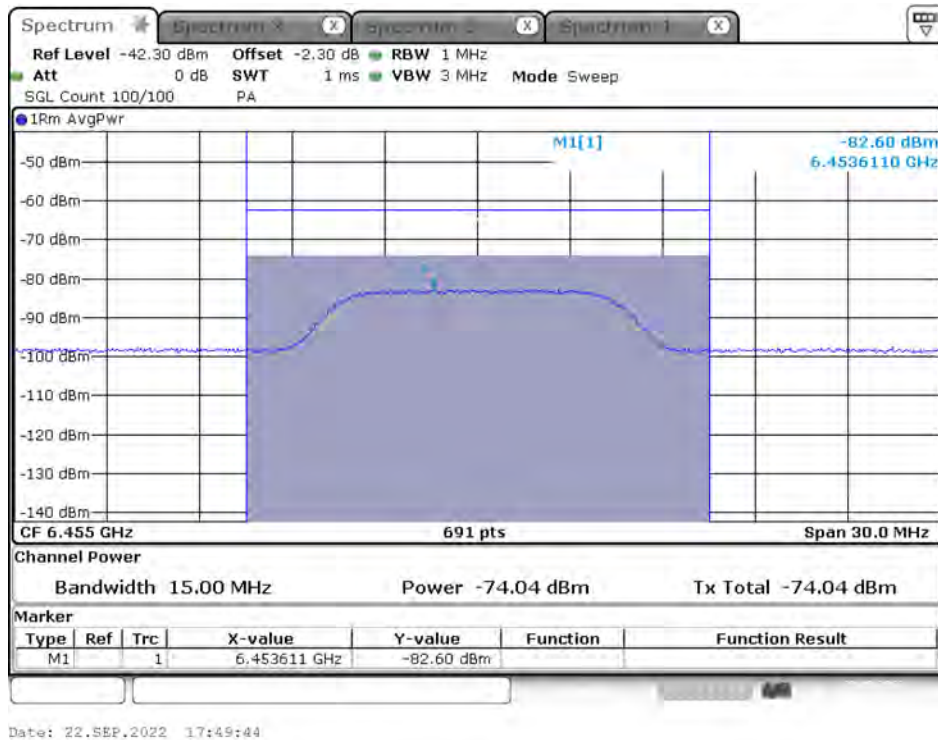
Incumbent signal (AWGN) Plot

Bandwidth: 20MHz

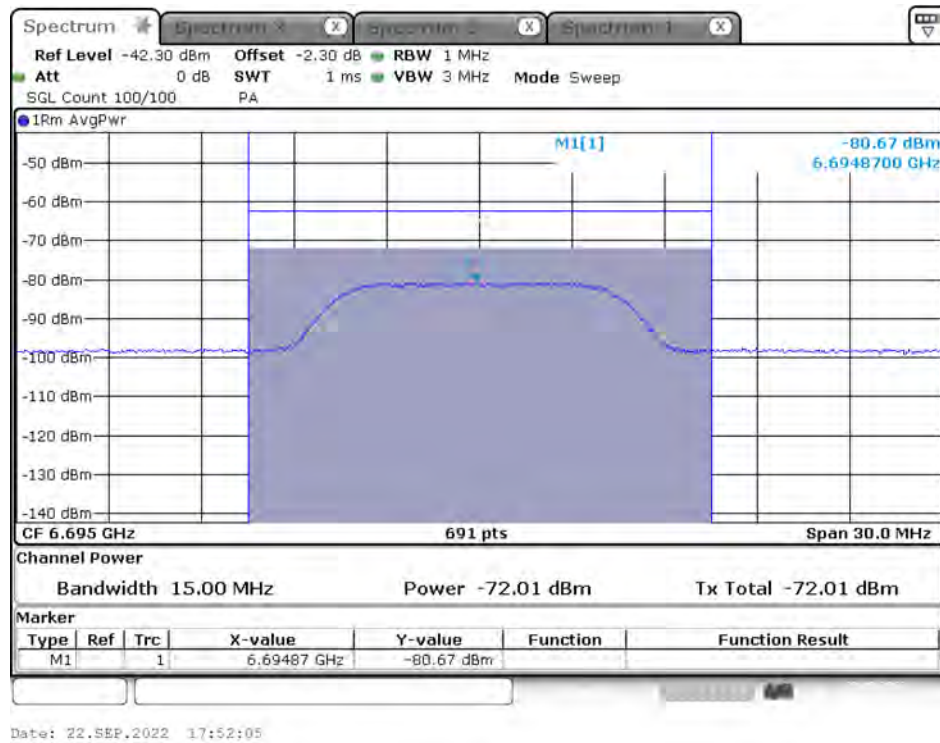
Frequency (MHz): 6215 MHz



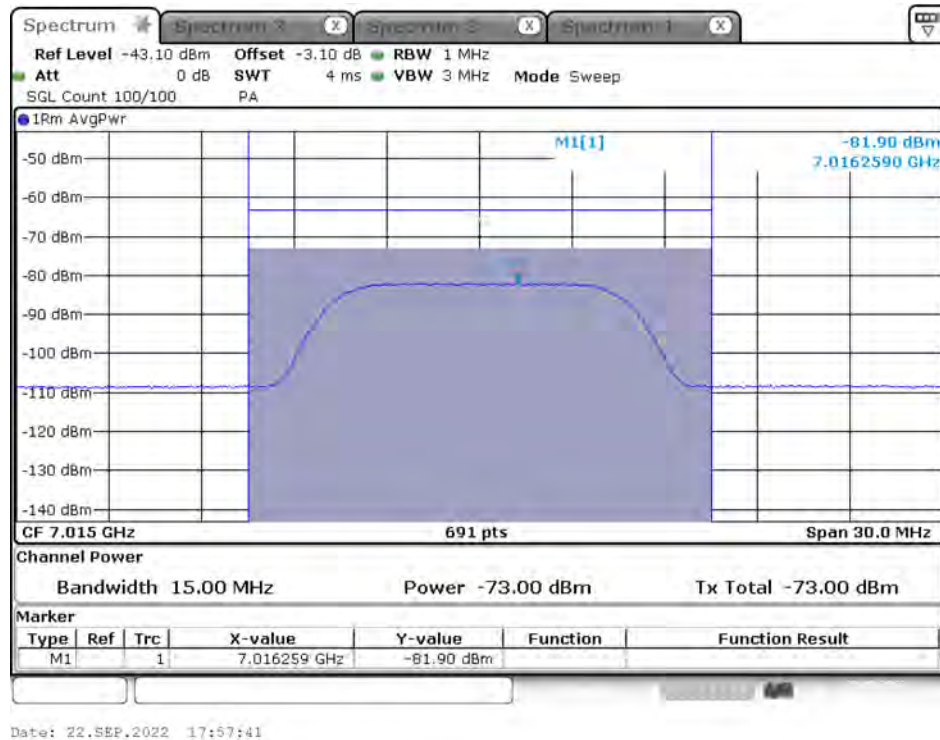
Frequency (MHz): 6455 MHz



Frequency (MHz): 6695 MHz

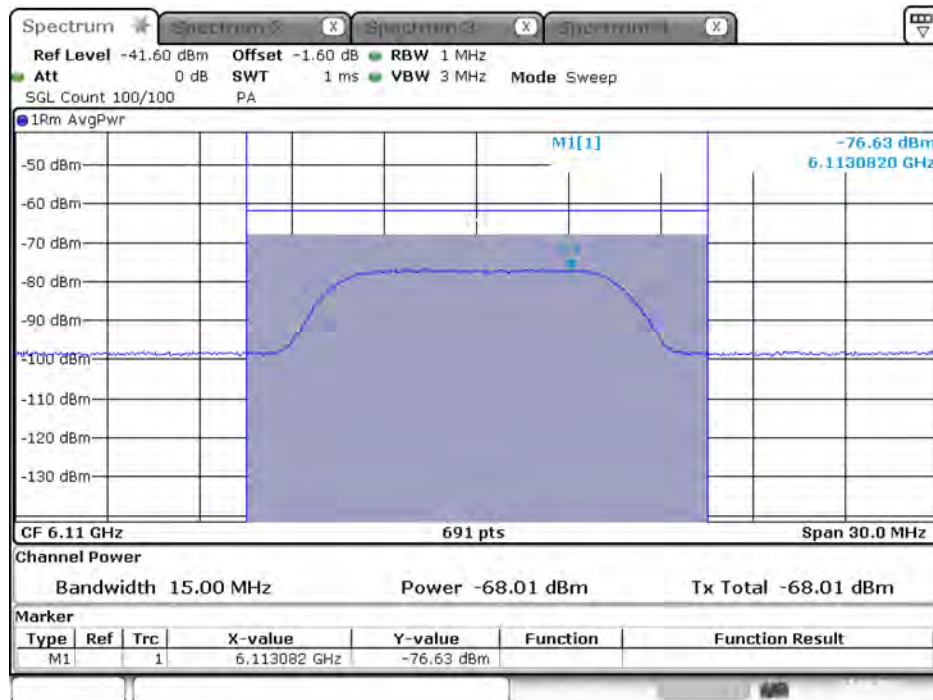


Frequency (MHz): 7015 MHz



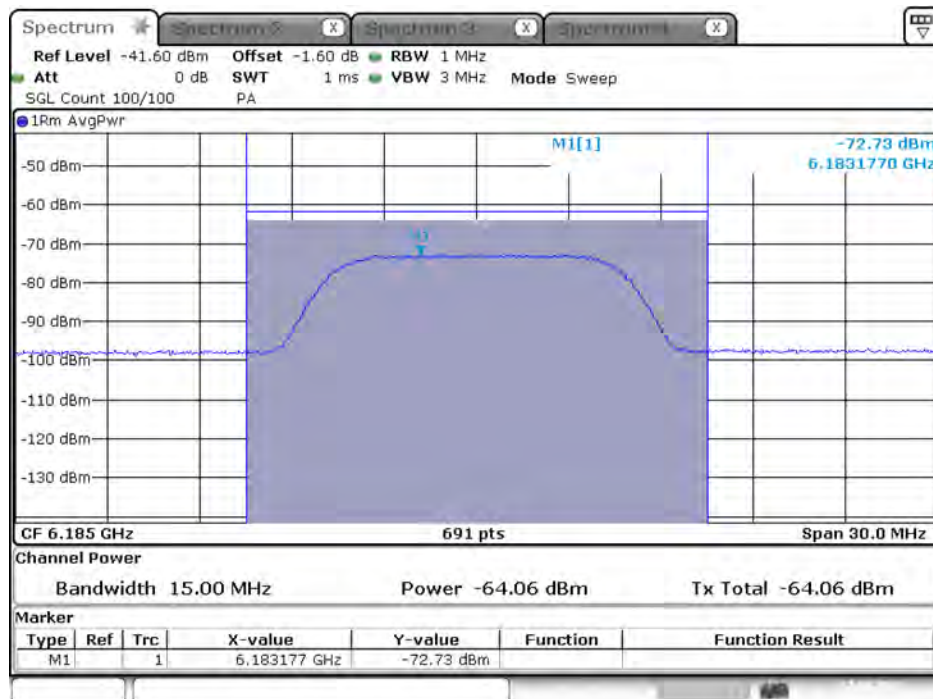
Bandwidth: 160MHz

Frequency (MHz): 6110 MHz



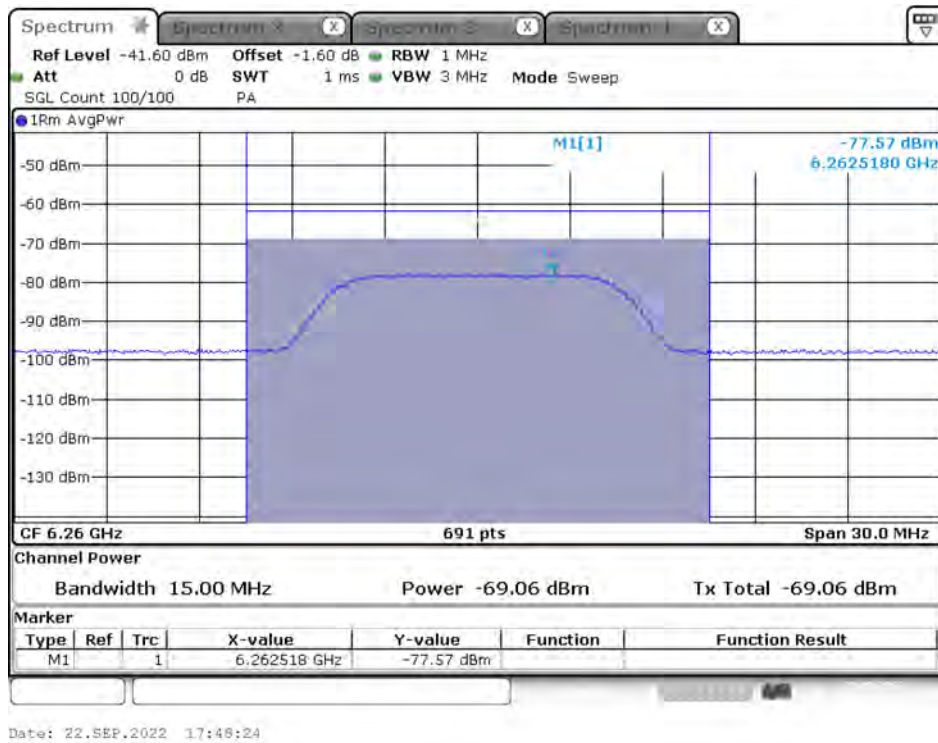
Date: 22.SEP.2022 17:47:44

Frequency (MHz): 6185 MHz

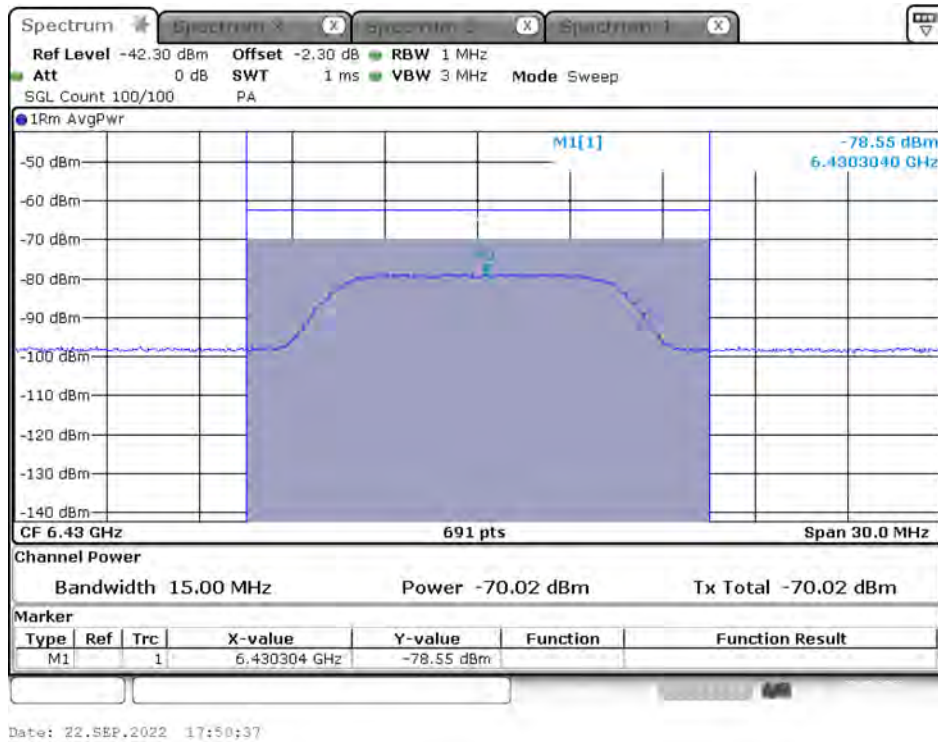


Date: 22.SEP.2022 17:47:59

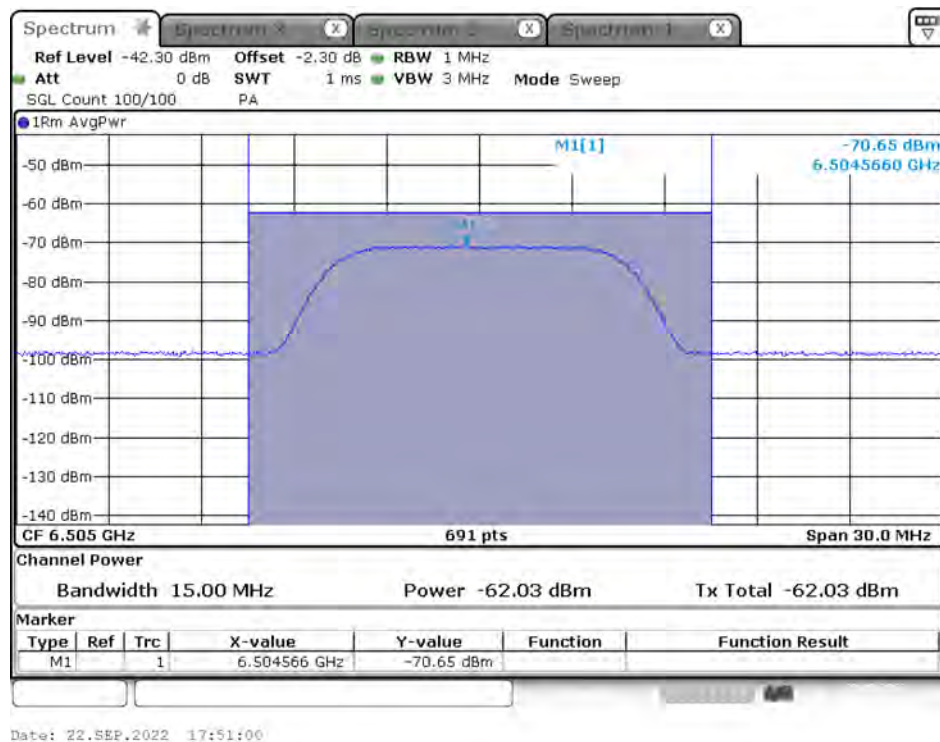
Frequency (MHz): 6260 MHz



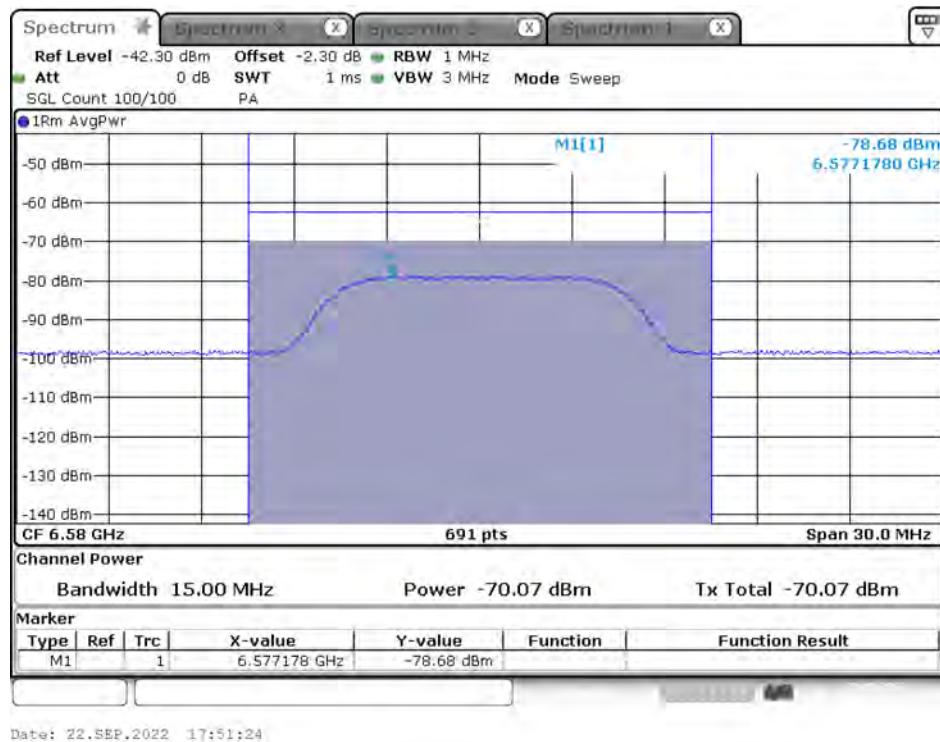
Frequency (MHz): 6430 MHz



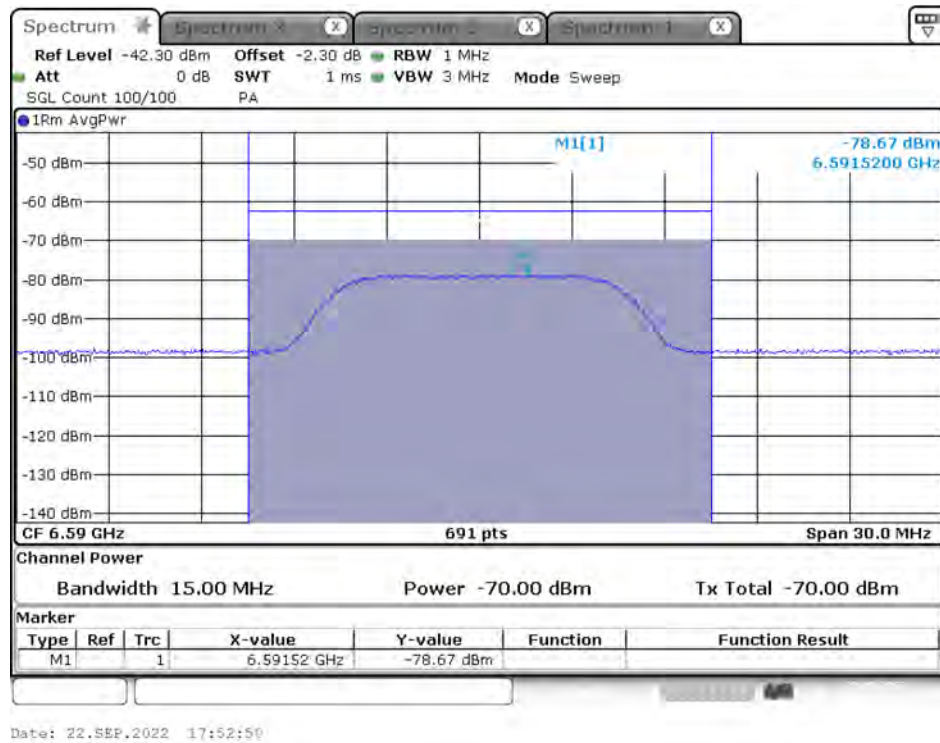
Frequency (MHz): 6505 MHz



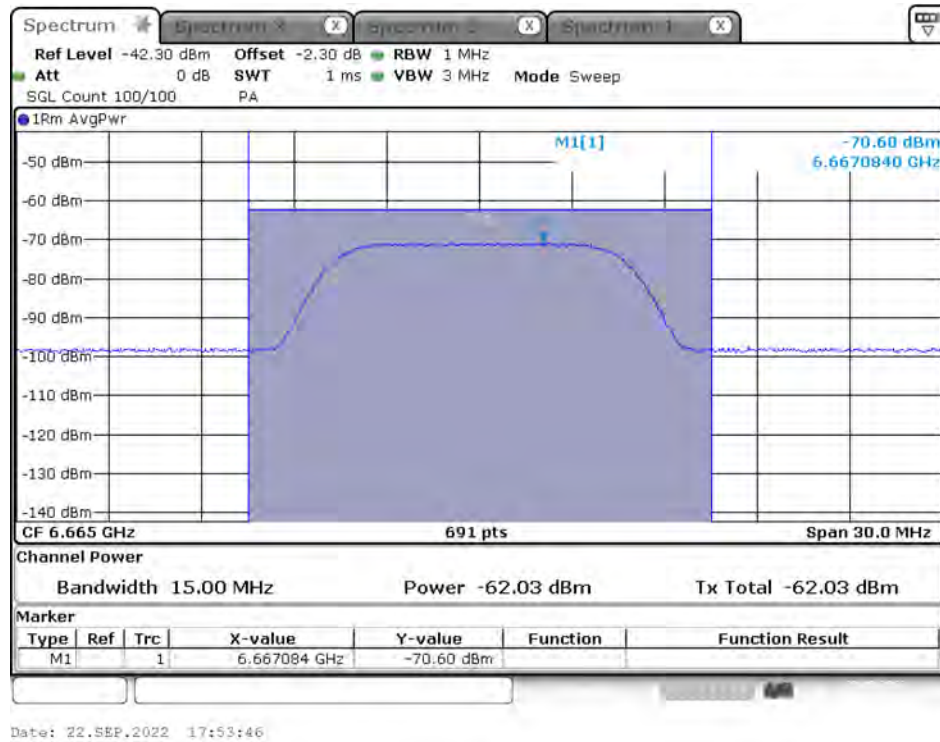
Frequency (MHz): 6580 MHz



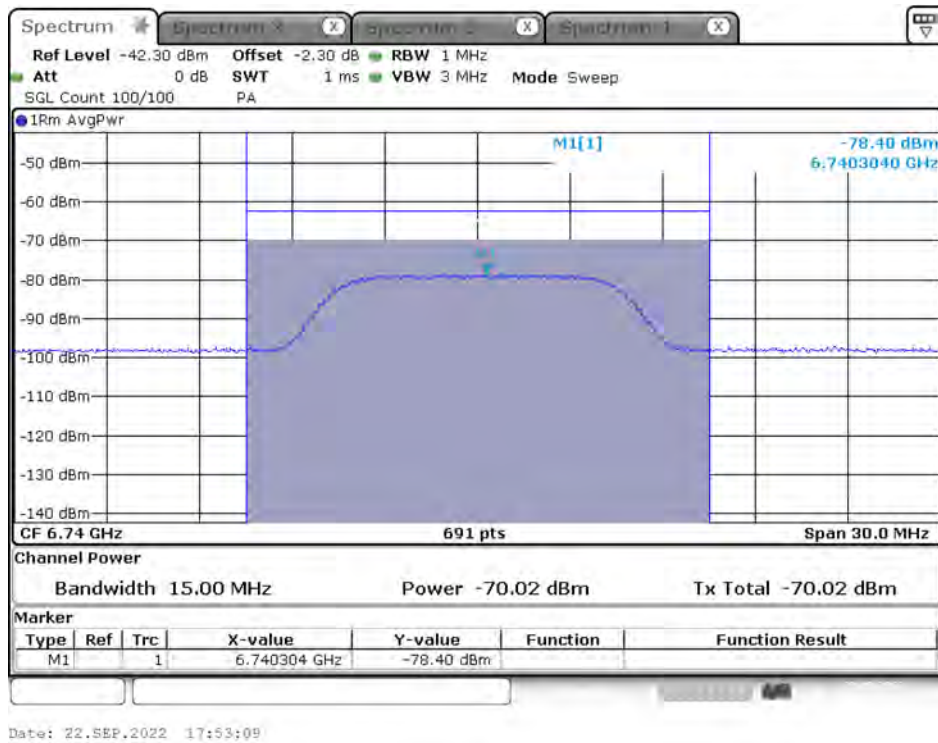
Frequency (MHz): 6590 MHz



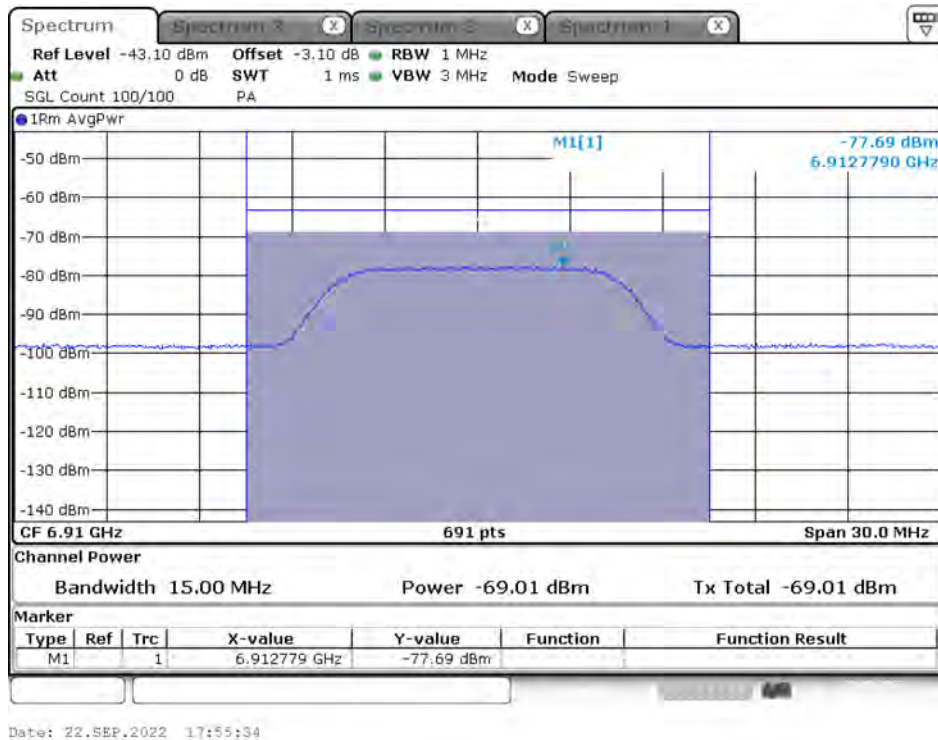
Frequency (MHz): 6665 MHz



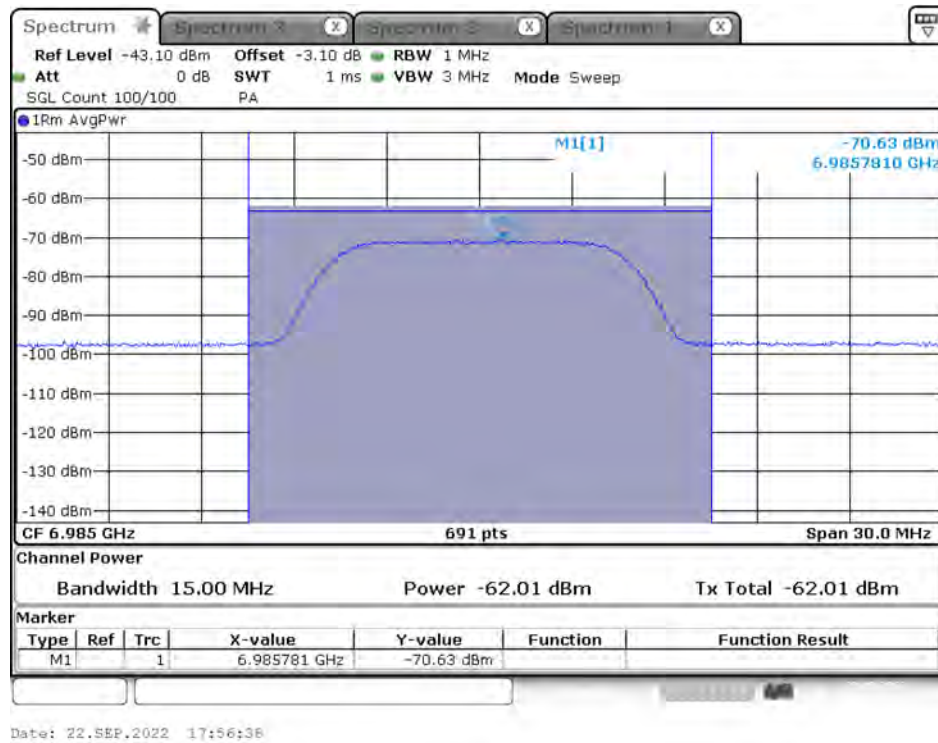
Frequency (MHz): 6740 MHz



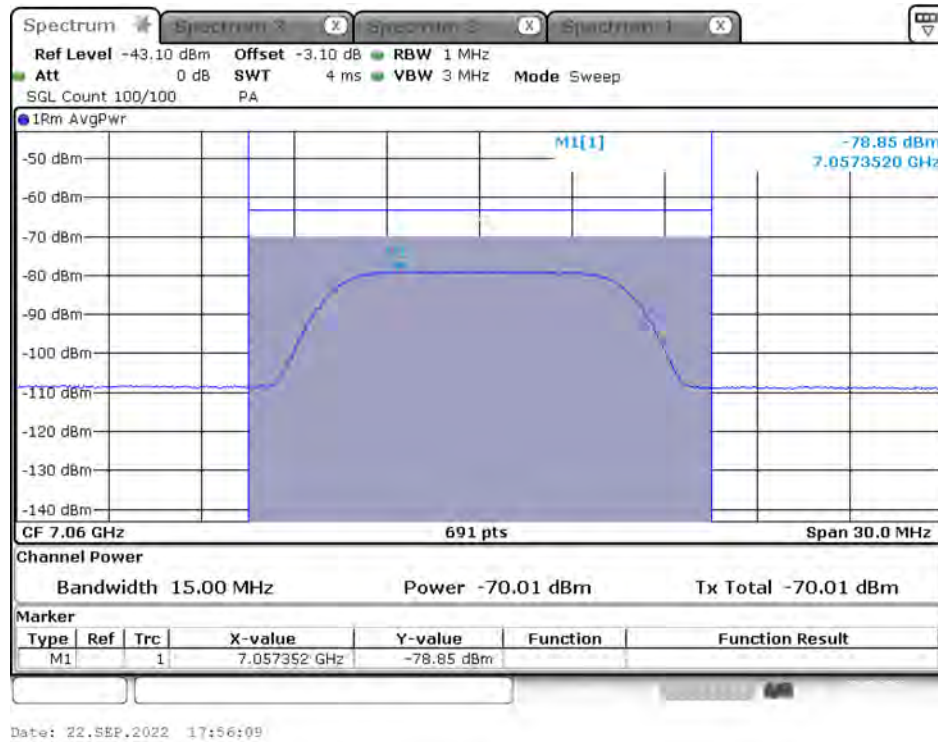
Frequency (MHz): 6910 MHz



Frequency (MHz): 6985 MHz



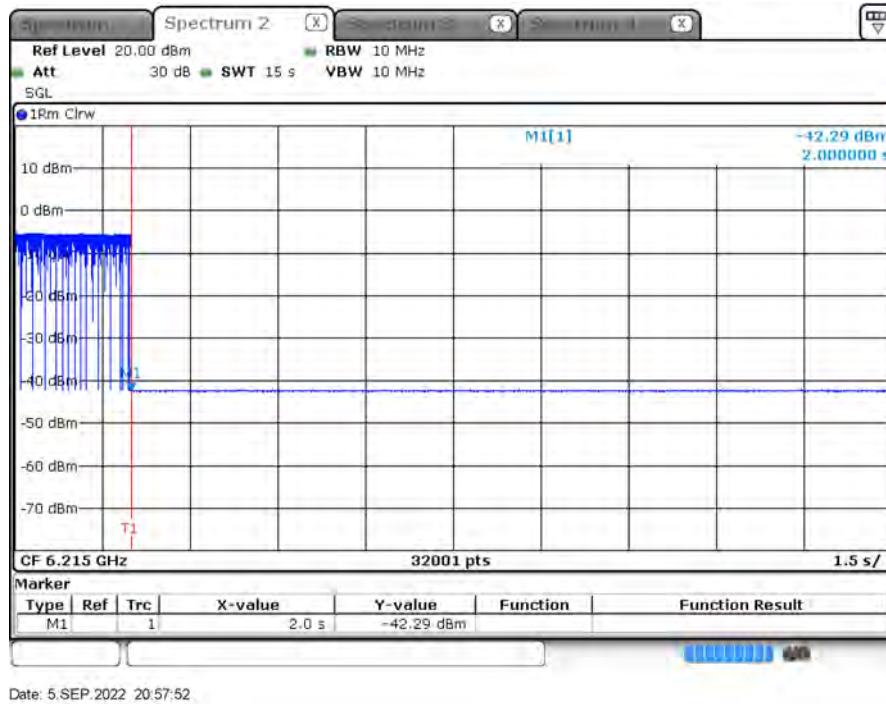
Frequency (MHz): 7060 MHz



Contention-Based Protocol Plot

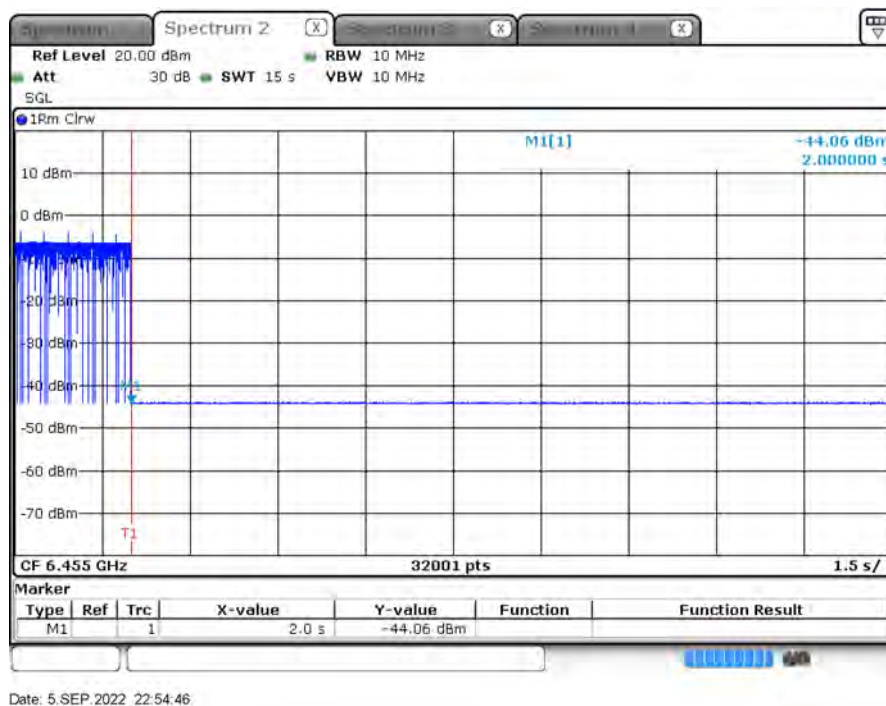
Bandwidth: 20MHz

Test CH 53 ; Incumbent signal 6215 MHz



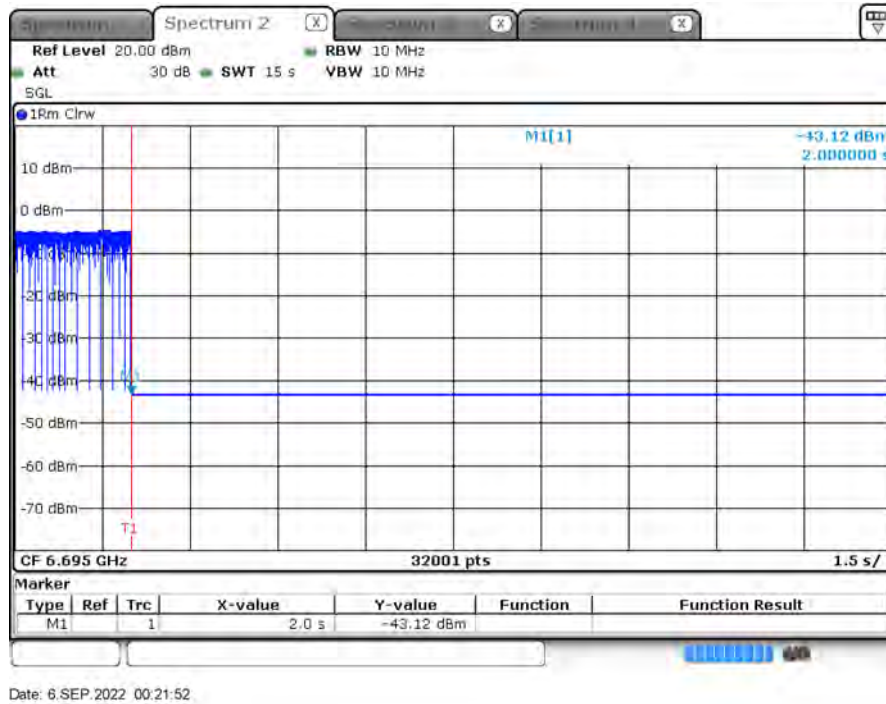
Note : M1 : Inject AWGN signal

Test CH 101 ; Incumbent signal 6455 MHz



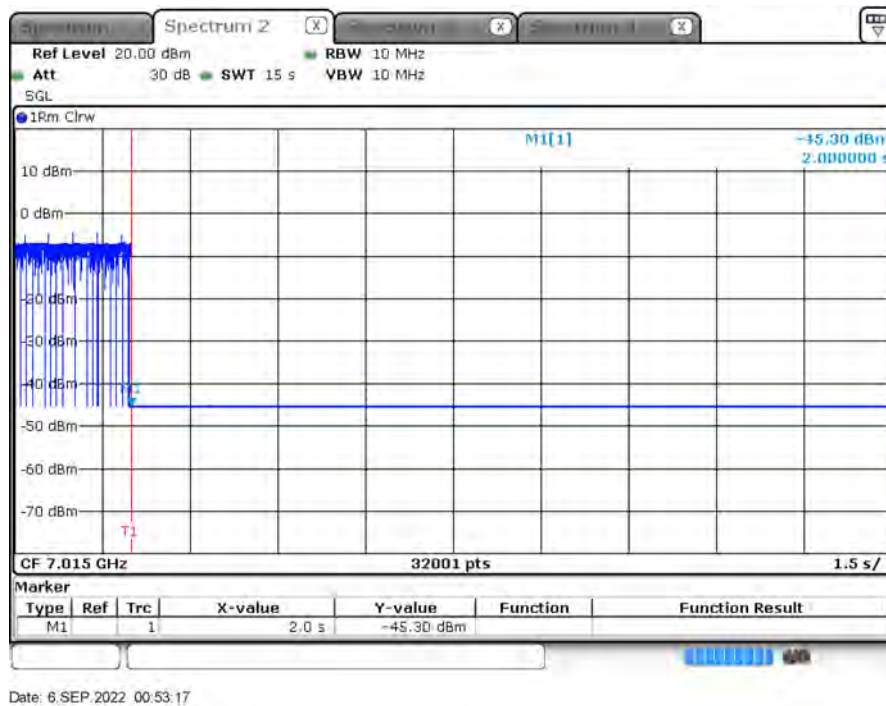
Note : M1 : Inject AWGN signal

Test CH 149 ; Incumbent signal 6695 MHz



Note : M1 : Inject AWGN signal

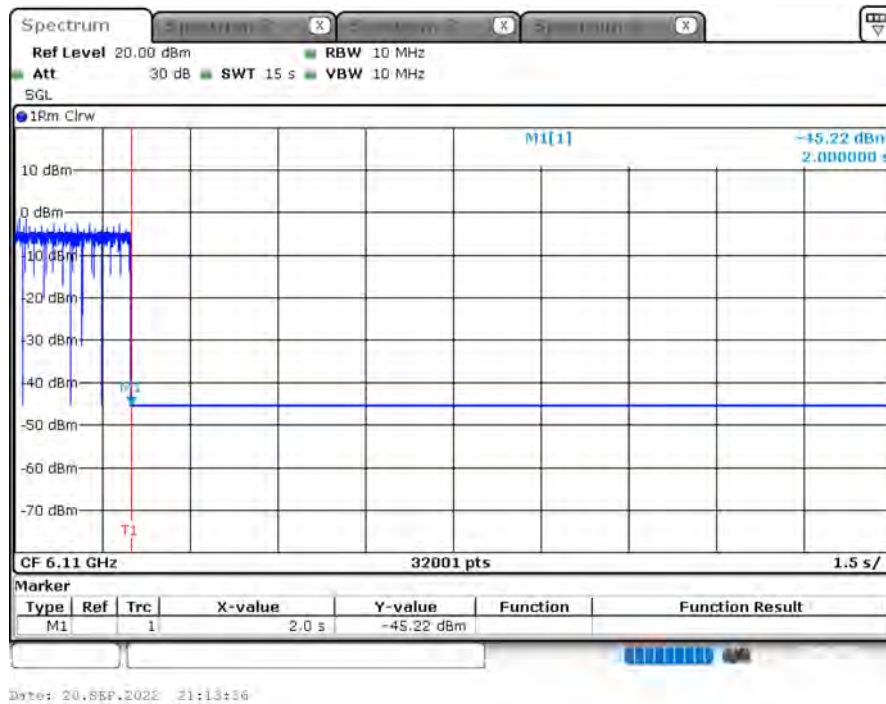
Test CH 213 ; Incumbent signal 7015 MHz



Note : M1 : Inject AWGN signal

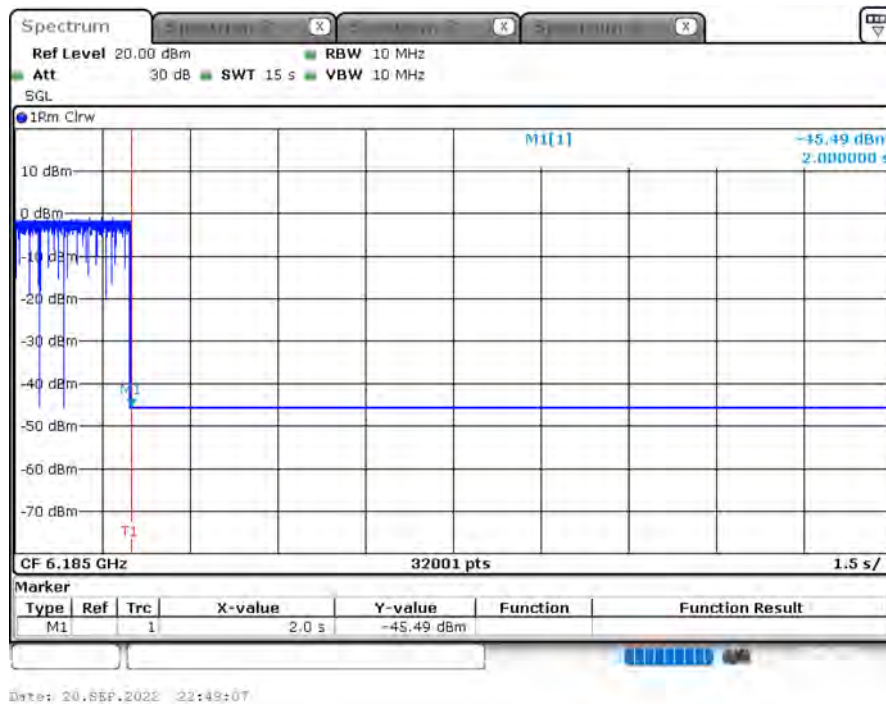
Bandwidth: 160MHz

Test CH 47 ; Incumbent signal 6110 MHz



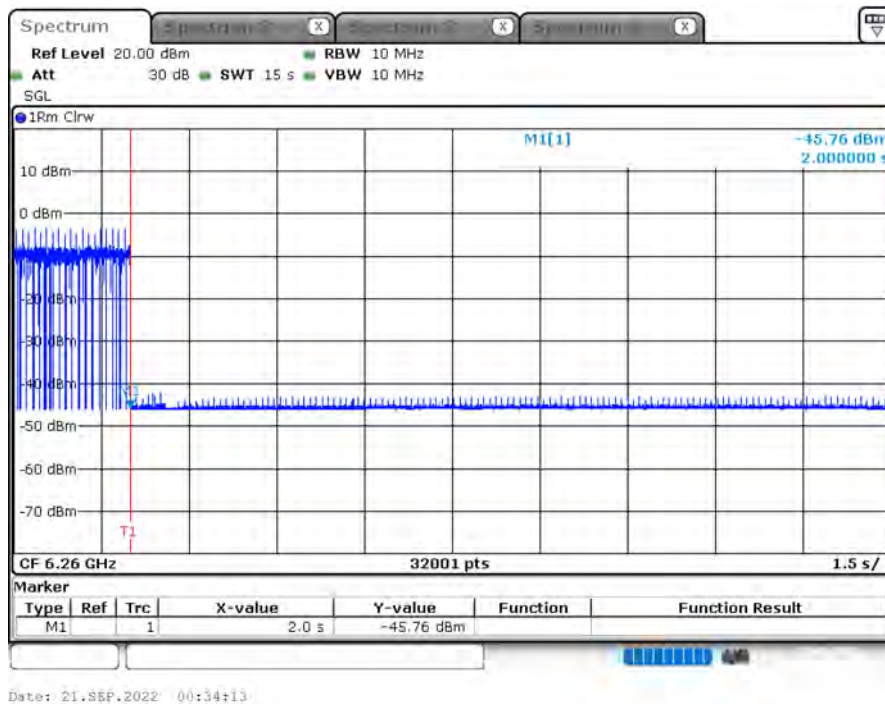
Note : M1 : Inject AWGN signal

Test CH 47 ; Incumbent signal 6185 MHz



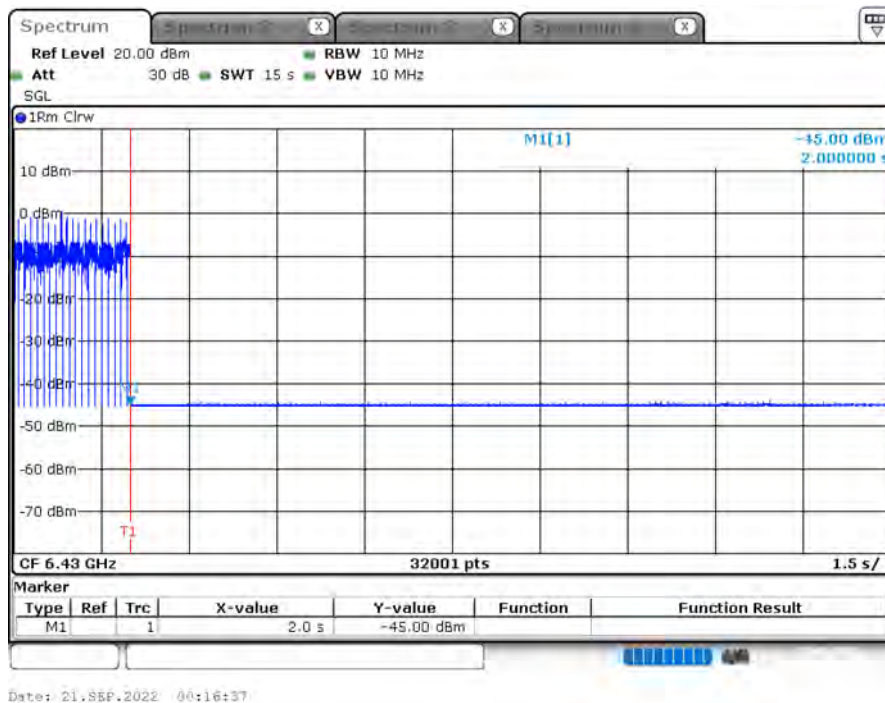
Note : M1 : Inject AWGN signal

Test CH 47 ; Incumbent signal 6260 MHz



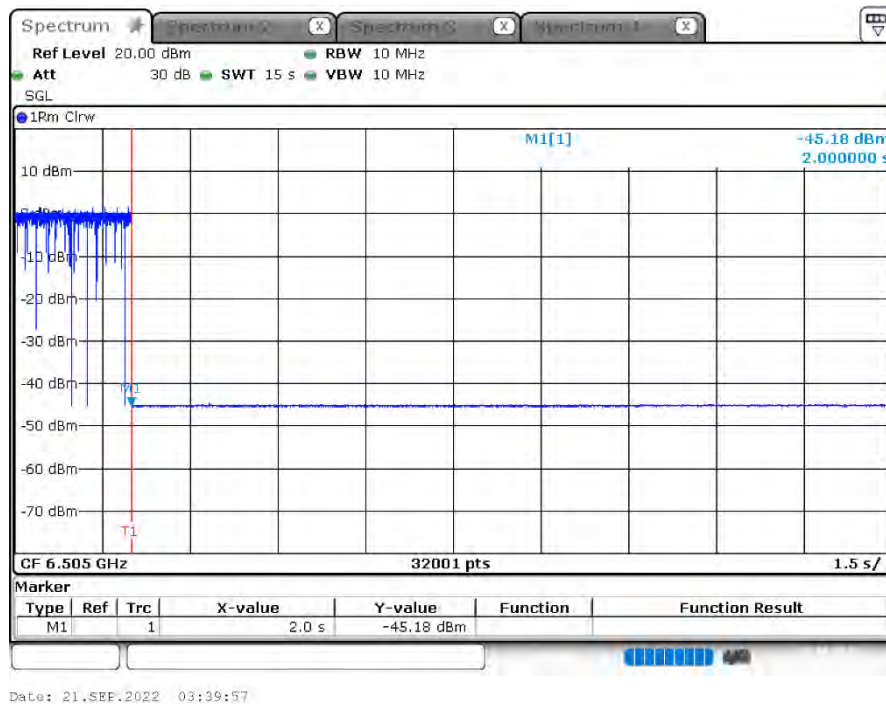
Note : M1 : Inject AWGN signal

Test CH 111 ; Incumbent signal 6430 MHz



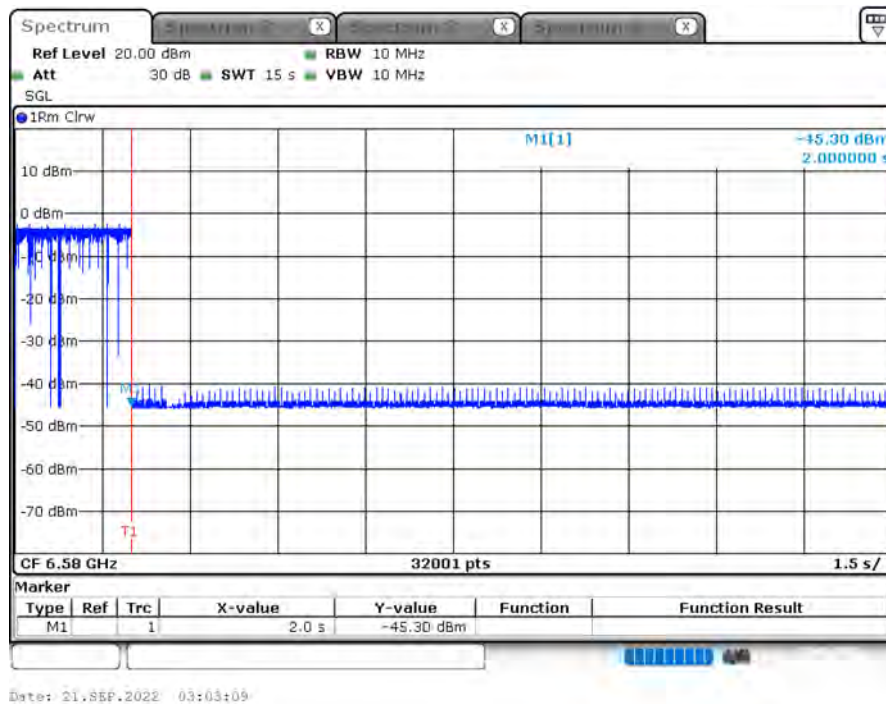
Note : M1 : Inject AWGN signal

Test CH 111 ; Incumbent signal 6505 MHz



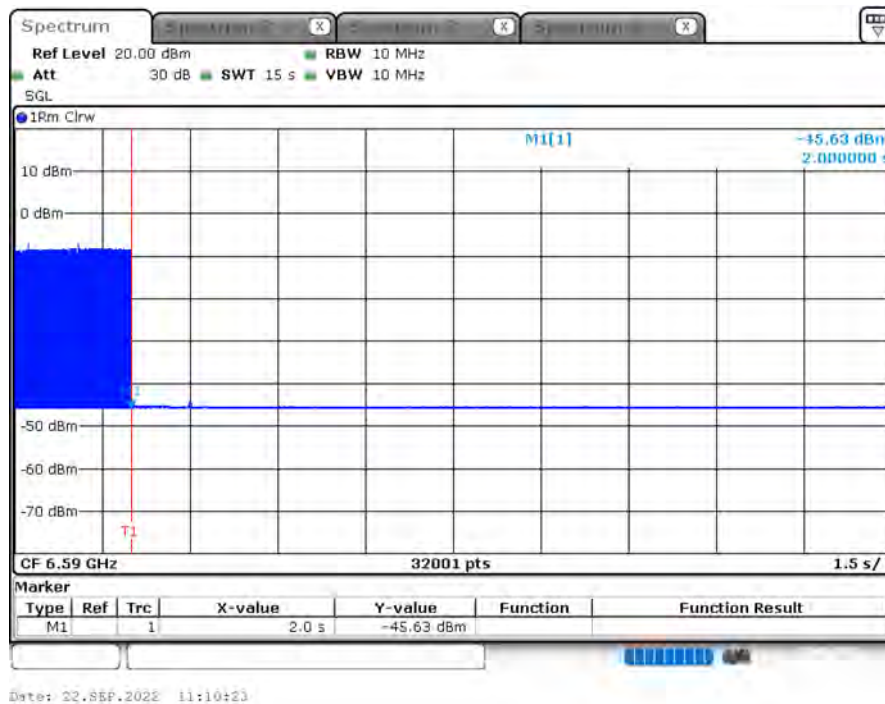
Note : M1 : Inject AWGN signal

Test CH 111 ; Incumbent signal 6580 MHz



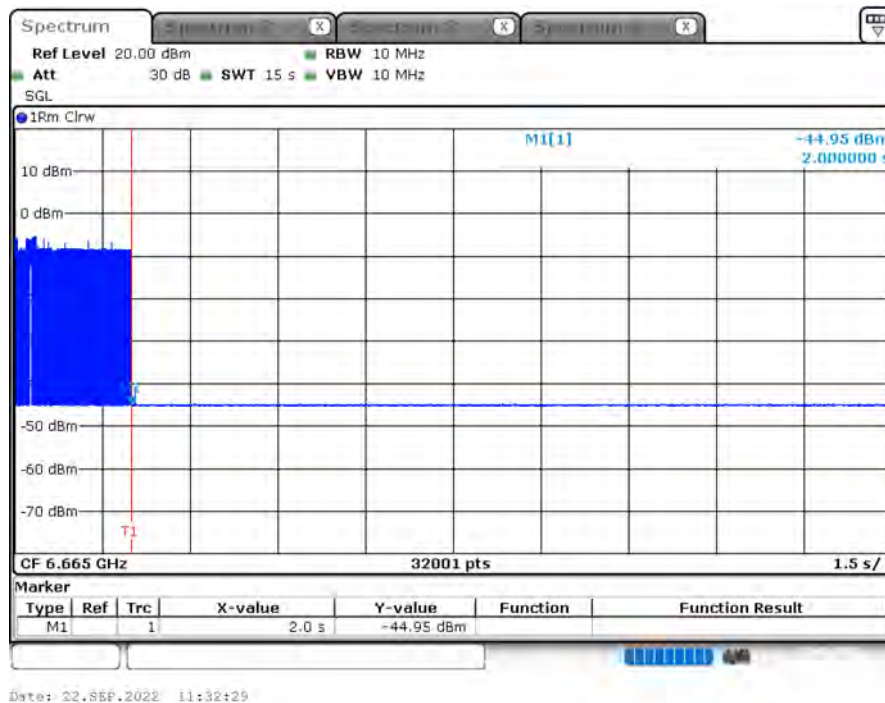
Note : M1 : Inject AWGN signal

Test CH 143 ; Incumbent signal 6590 MHz



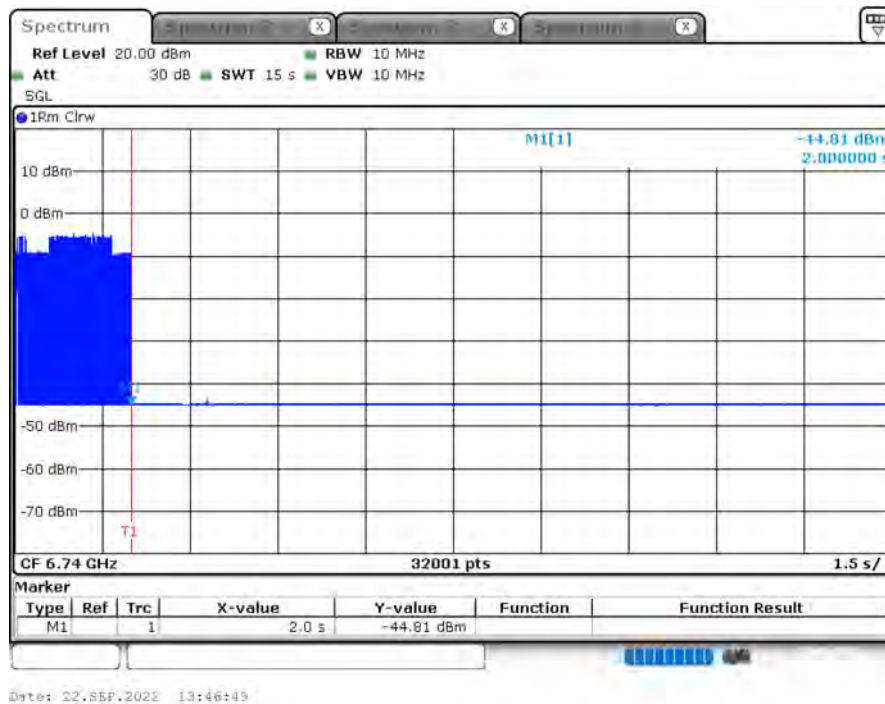
Note : M1 : Inject AWGN signal

Test CH 143 ; Incumbent signal 6665 MHz



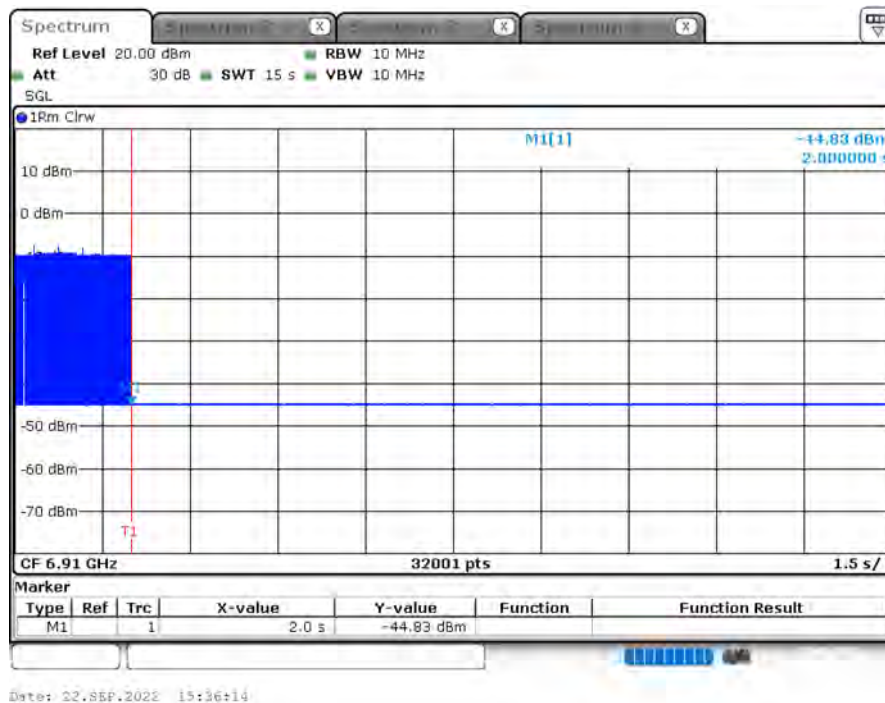
Note : M1 : Inject AWGN signal

Test CH 143 ; Incumbent signal 6740 MHz



Note : M1 : Inject AWGN signal

Test CH 207 ; Incumbent signal 6910 MHz



Note : M1 : Inject AWGN signal

