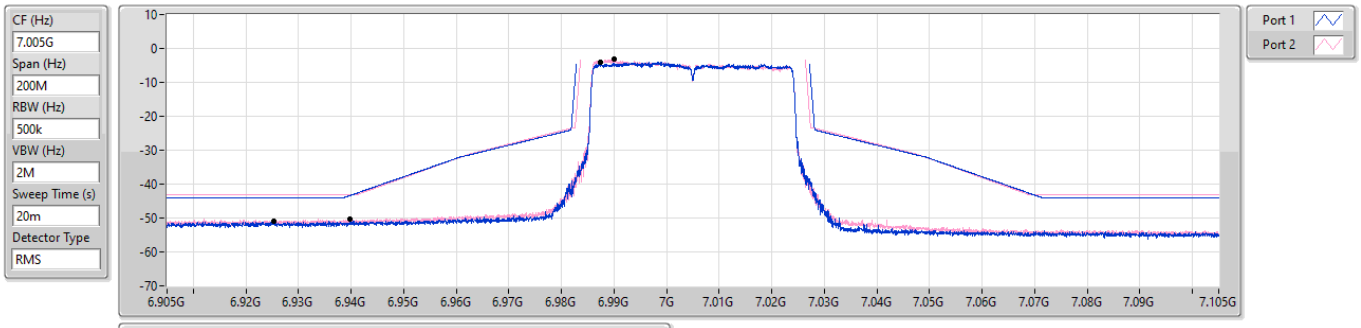
6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **MASK**

7005MHz_TX

09/01/2025

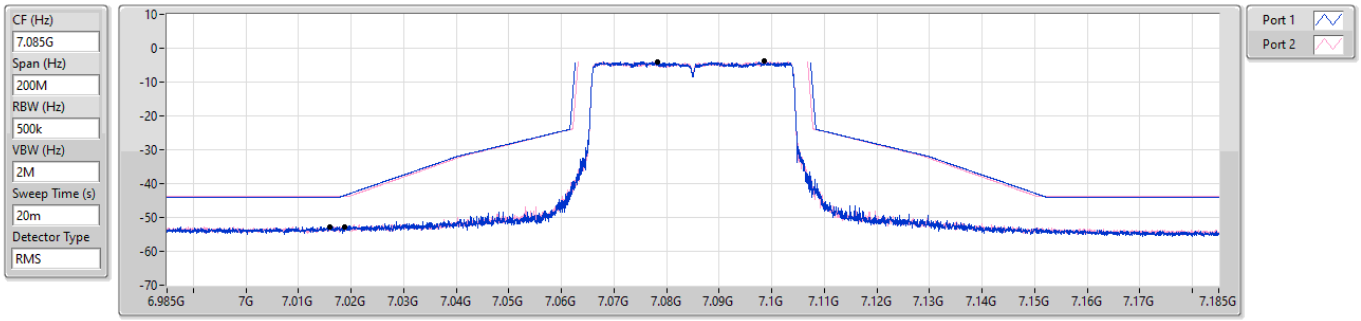


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.987454G	-4.06	6.92535G	-50.97	-44.06	-6.91	1
6.989954G	-3.26	6.9397G	-50.29	-43.26	-7.03	2

6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **MASK**

7085MHz_TX

09/01/2025

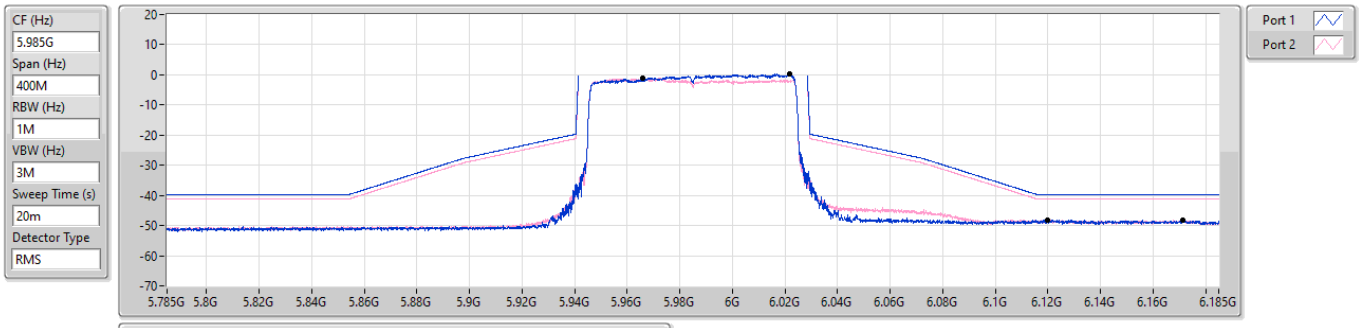


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
7.078302G	-3.96	7.0159G	-52.71	-43.96	-8.75	1
7.098647G	-3.81	7.0188G	-52.72	-43.81	-8.91	2

5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX **MASK**

5985MHz_TX

09/01/2025

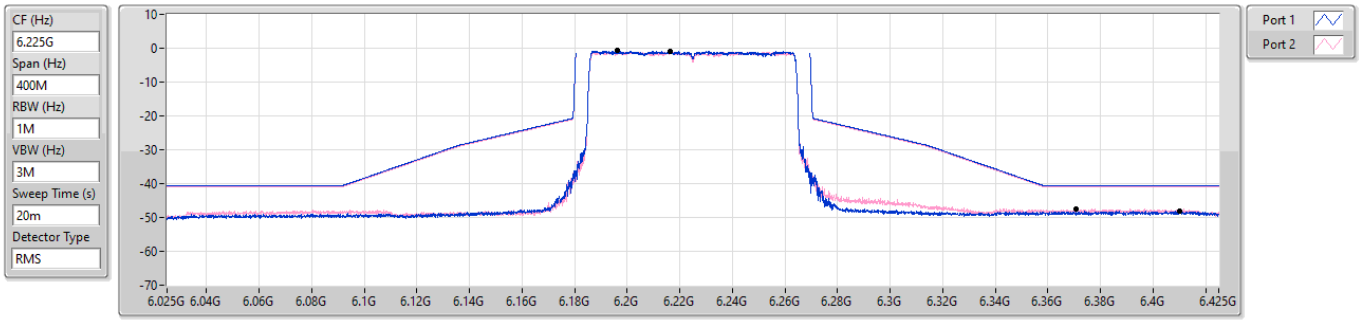


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.02159G	0.32	6.1198G	-48.18	-39.68	-8.50	1
5.966G	-1.16	6.1713G	-48.19	-41.16	-7.03	2

5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX **MASK**

6225MHz_TX

09/01/2025

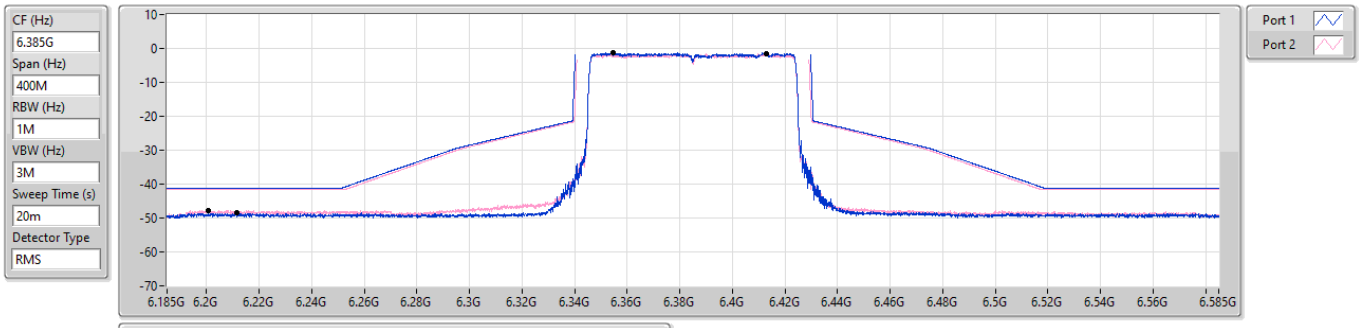


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.19641G	-0.70	6.4102G	-48.04	-40.70	-7.34	1
6.2164G	-1.00	6.3707G	-47.55	-41.00	-6.55	2

5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX **MASK**

6385MHz_TX

09/01/2025

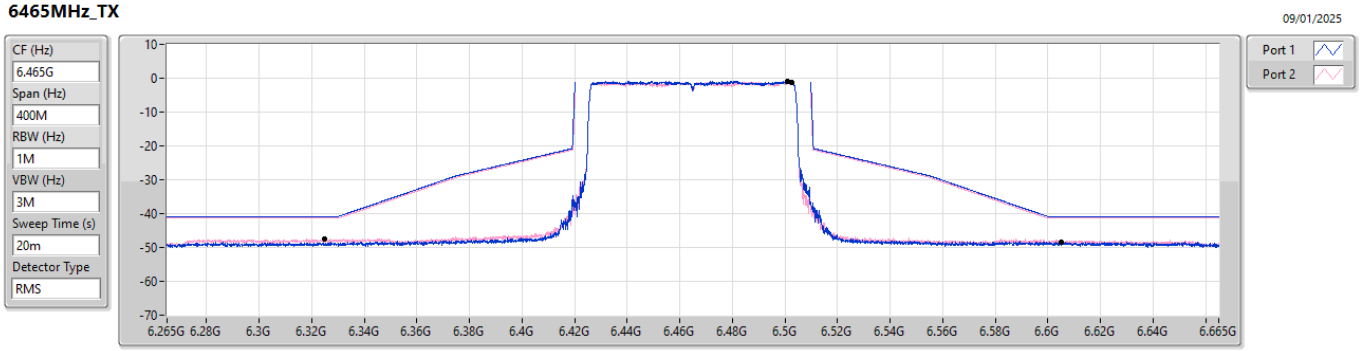


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.35471G	-1.36	6.2116G	-48.49	-41.36	-7.13	1
6.41299G	-1.60	6.2006G	-47.79	-41.60	-6.19	2

6.425-6.525GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX **MASK**

6465MHz_TX

09/01/2025

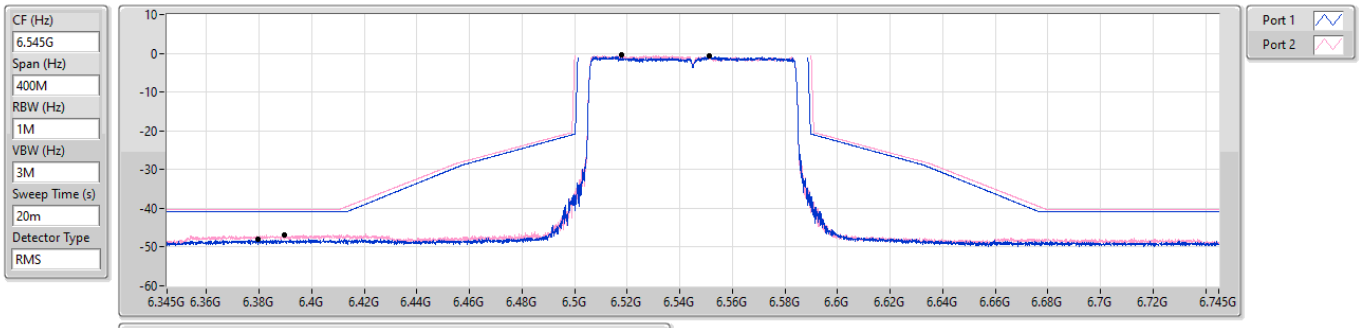


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.50099G	-0.79	6.605G	-48.48	-40.79	-7.69	1
6.50269G	-1.13	6.325G	-47.43	-41.13	-6.30	2

6.425-6.525GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX **MASK**

6545MHz_TX

09/01/2025

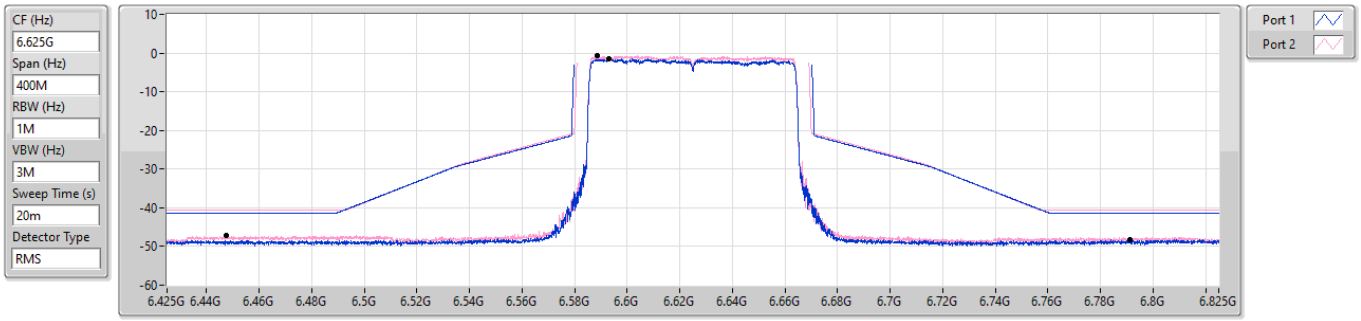


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.5513G	-0.80	6.3795G	-48.02	-40.80	-7.22	1
6.51781G	-0.43	6.3898G	-46.83	-40.43	-6.40	2

6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX **MASK**

6625MHz_TX

09/01/2025

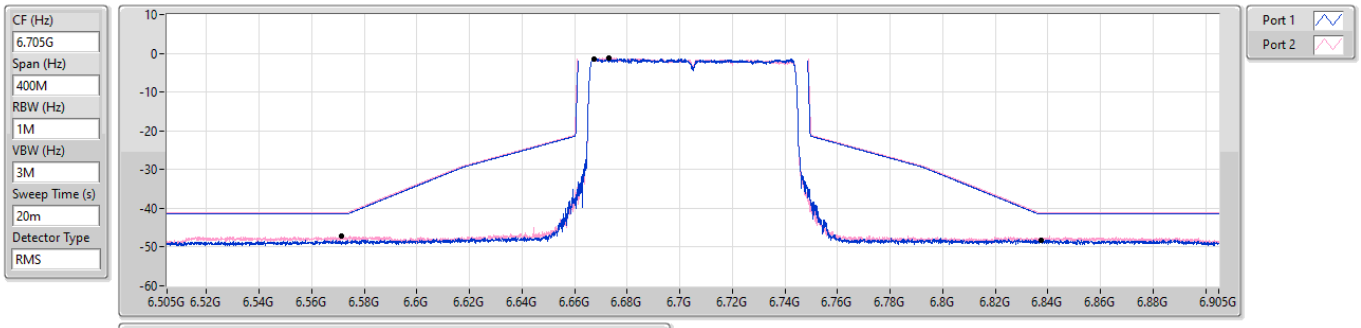


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.59311G	-1.40	6.7913G	-48.29	-41.40	-6.89	1
6.58851G	-0.72	6.4477G	-47.17	-40.72	-6.45	2

6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX **MASK**

6705MHz_TX

09/01/2025

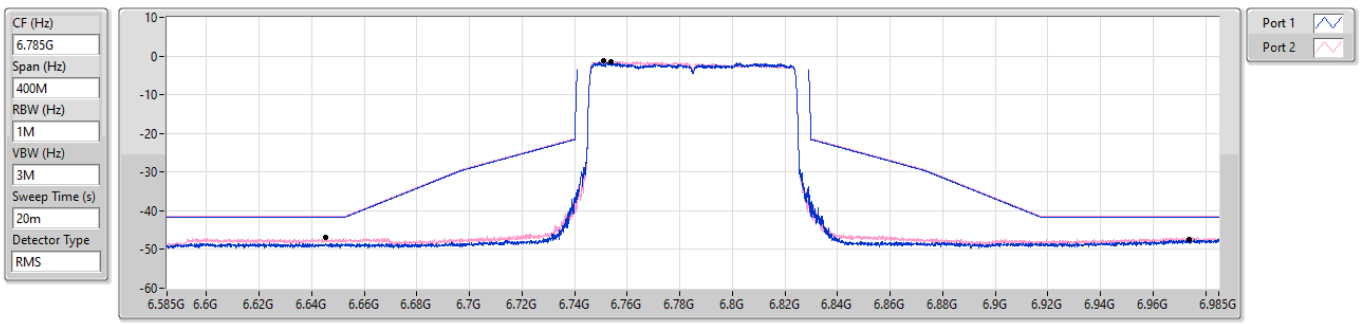


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.66751G	-1.36	6.8374G	-48.12	-41.36	-6.76	1
6.67291G	-1.16	6.5715G	-47.13	-41.16	-5.97	2

6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX **MASK**

6785MHz_TX

09/01/2025

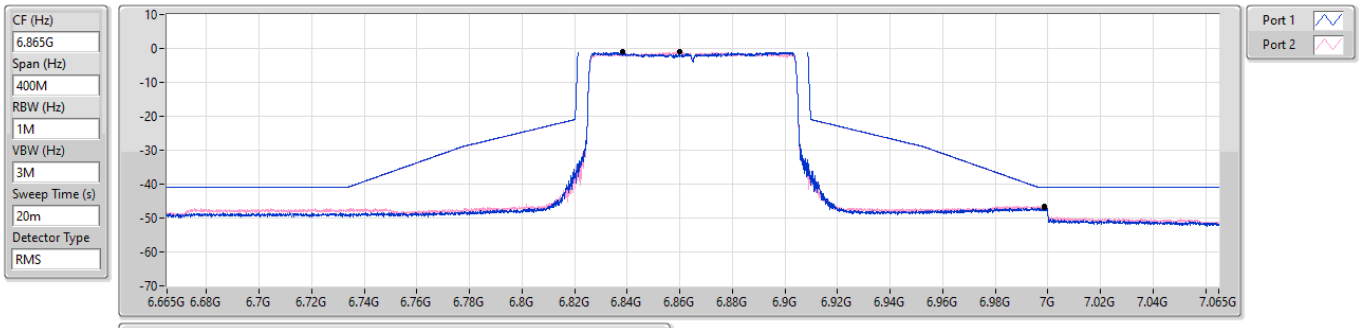


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.75401G	-1.59	6.9738G	-47.38	-41.59	-5.79	1
6.75111G	-1.34	6.6455G	-46.87	-41.34	-5.53	2

6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX **MASK**

6865MHz_TX

09/01/2025

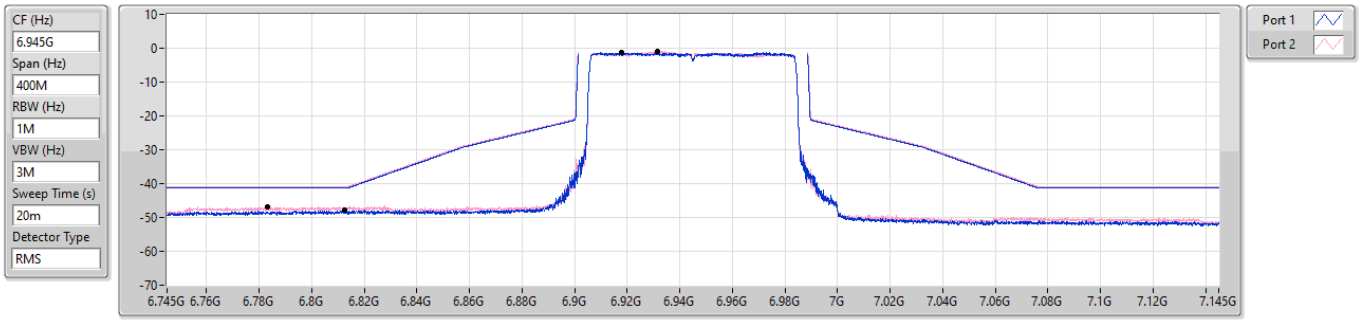


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.83831G	-0.93	6.9986G	-46.85	-40.93	-5.92	1
6.8601G	-1.03	6.9986G	-46.56	-41.03	-5.53	2

6.875-7.125GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX **MASK**

6945MHz_TX

09/01/2025

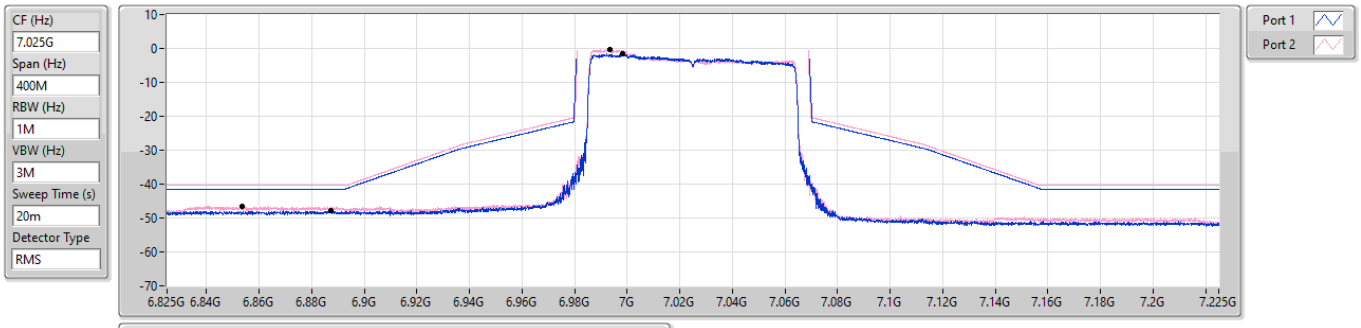


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.91791G	-1.24	6.8126G	-47.90	-41.24	-6.66	1
6.9314G	-0.95	6.7833G	-46.90	-40.95	-5.95	2

6.875-7.125GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX **MASK**

7025MHz_TX

09/01/2025

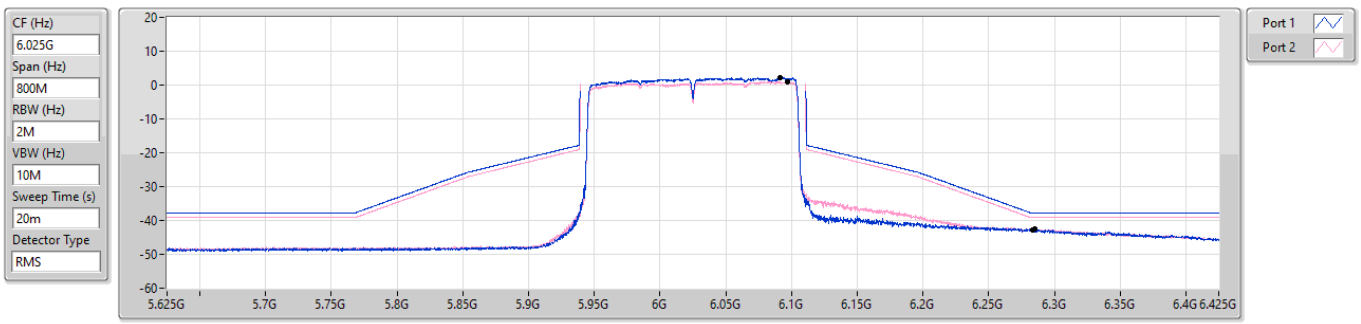


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.99841G	-1.64	6.8874G	-47.85	-41.64	-6.21	1
6.99351G	-0.34	6.8537G	-46.58	-40.34	-6.24	2

5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX **MASK**

6025MHz_TX

09/01/2025

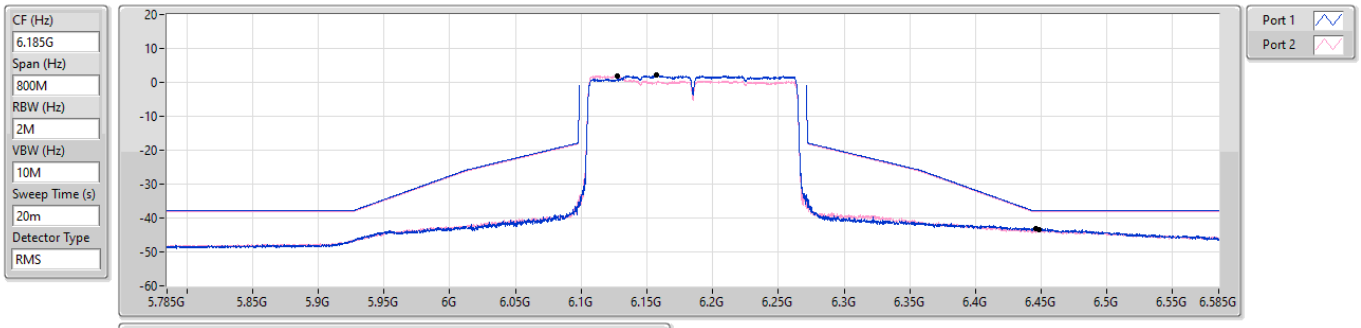


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.09158G	2.18	6.2832G	-42.69	-37.82	-4.87	1
6.09718G	0.97	6.2848G	-42.63	-39.03	-3.60	2

5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX **MASK**

6185MHz_TX

09/01/2025

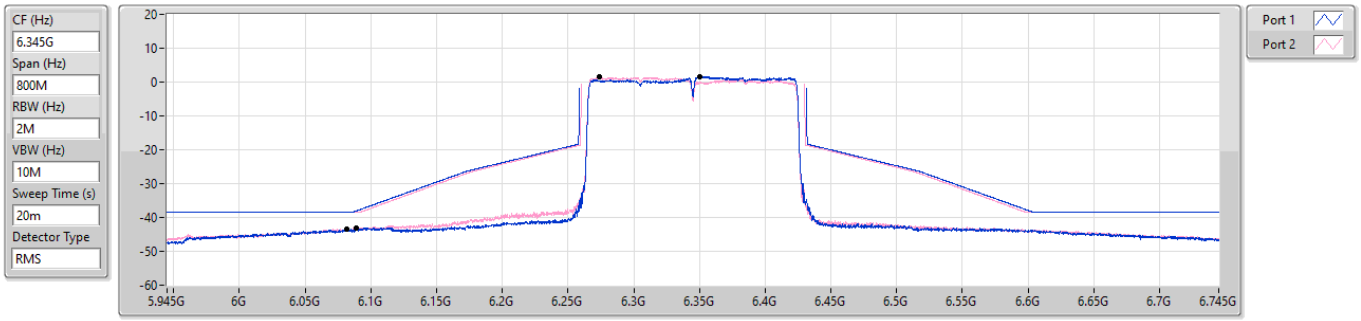


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.15721G	2.12	6.446G	-42.97	-37.88	-5.09	1
6.12781G	1.84	6.4484G	-43.43	-38.16	-5.27	2

5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX **MASK**

6345MHz_TX

09/01/2025

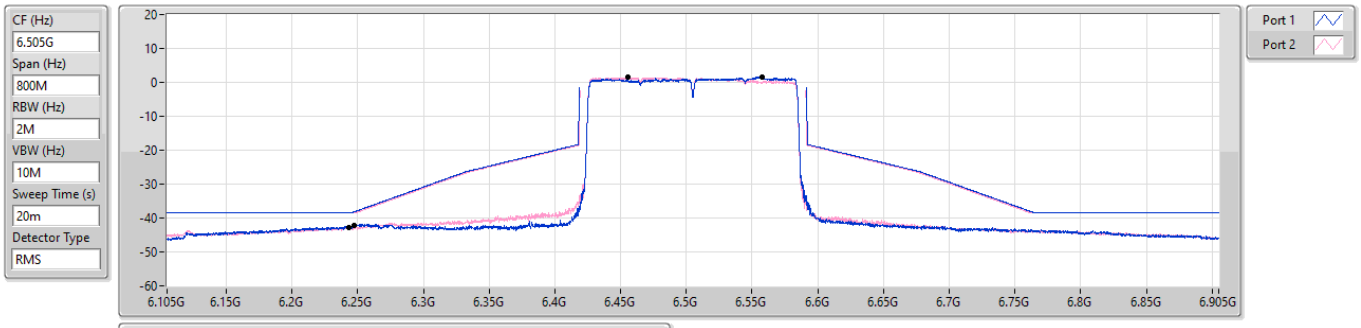


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.3502G	1.65	6.0818G	-43.54	-38.35	-5.19	1
6.27402G	1.42	6.0892G	-43.15	-38.58	-4.57	2

6.425-6.525GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX **MASK**

6505MHz_TX

09/01/2025

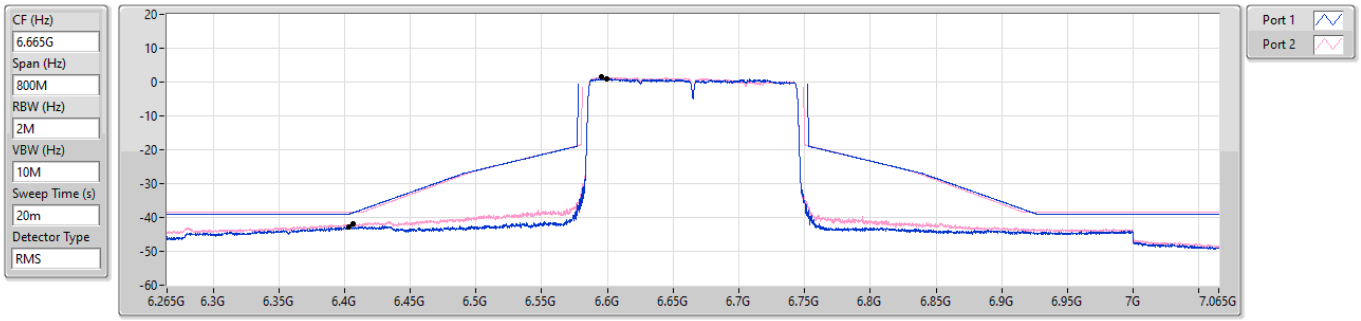


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.55739G	1.67	6.2476G	-42.18	-38.15	-4.03	1
6.45521G	1.44	6.2434G	-42.73	-38.56	-4.17	2

6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX **MASK**

6665MHz_TX

09/01/2025

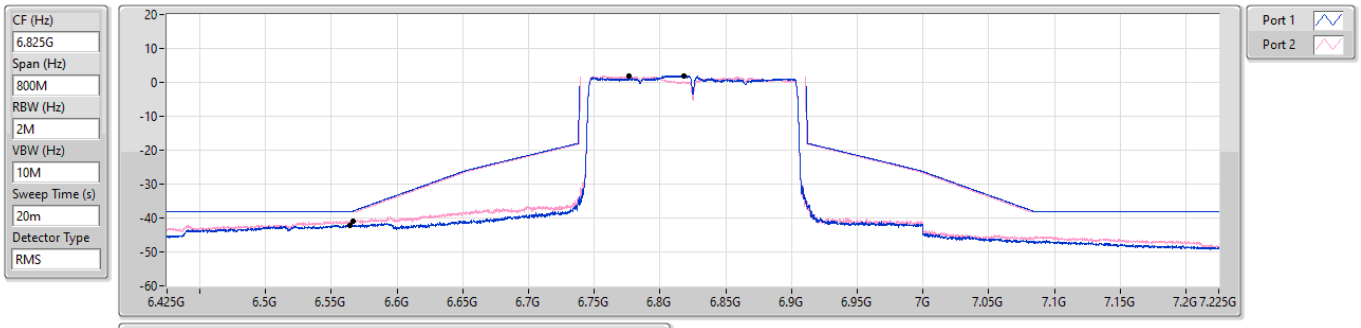


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.59942G	1.02	6.403G	-42.82	-38.98	-3.84	1
6.59582G	1.49	6.4068G	-41.98	-38.51	-3.47	2

6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX **MASK**

6825MHz_TX

09/01/2025

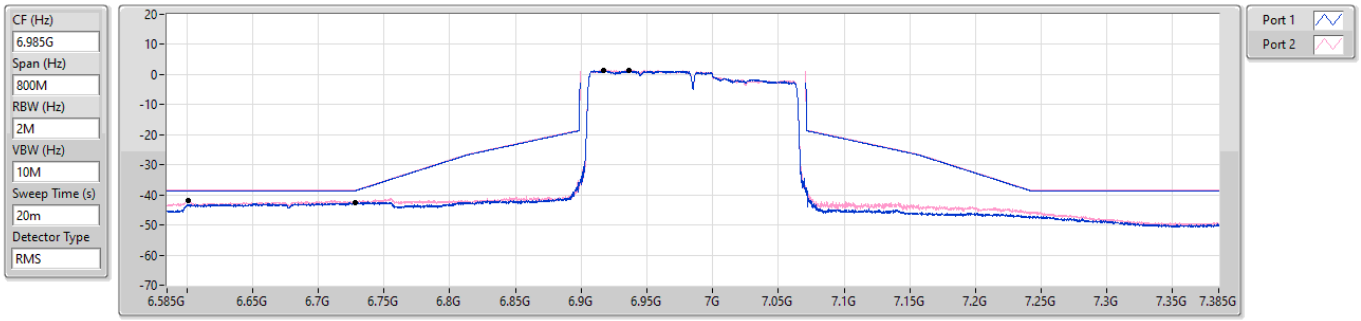


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.8182G	2.03	6.5638G	-42.07	-37.97	-4.10	1
6.77641G	1.83	6.5664G	-40.79	-38.17	-2.62	2

6.875-7.125GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX **MASK**

6985MHz_TX

09/01/2025

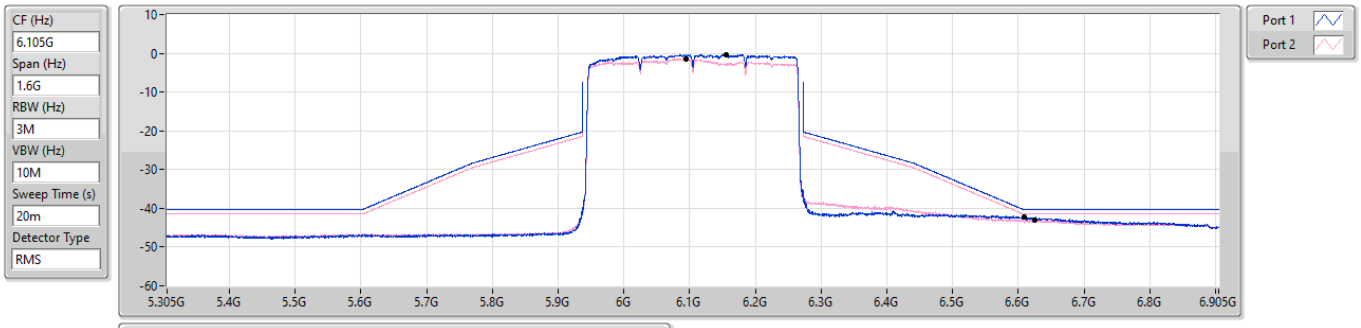


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.91722G	1.28	6.7278G	-42.51	-38.69	-3.82	1
6.93641G	1.53	6.6008G	-41.87	-38.47	-3.40	2

5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX **MASK**

6105MHz_TX

09/01/2025

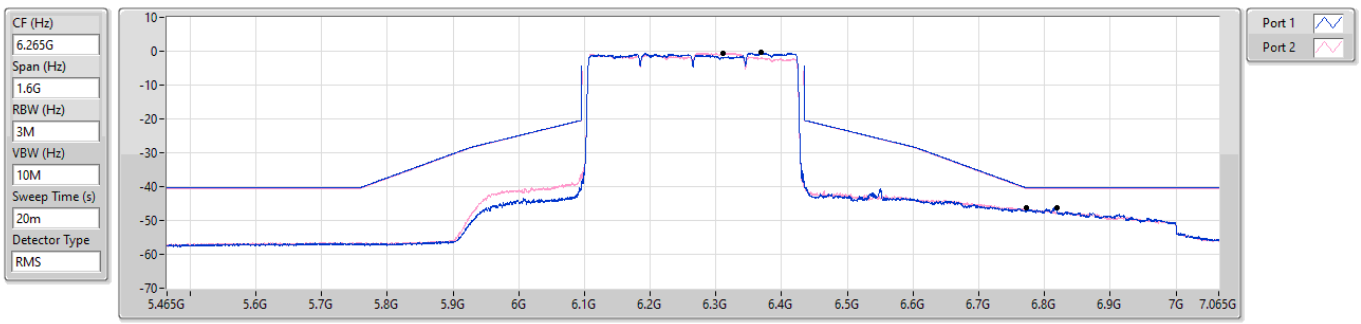


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.15579G	-0.33	6.6086G	-42.26	-40.33	-1.93	1
6.0946G	-1.48	6.6254G	-43.05	-41.48	-1.57	2

5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX **MASK**

6265MHz_TX

09/01/2025

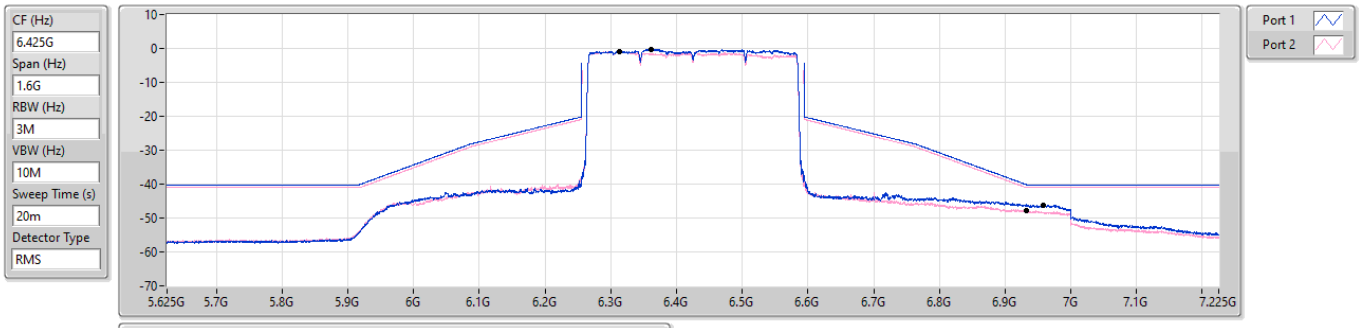


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.36897G	-0.45	6.819G	-46.10	-40.45	-5.65	1
6.31099G	-0.48	6.773G	-46.28	-40.48	-5.80	2

5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX **MASK**

6425MHz_TX

09/01/2025

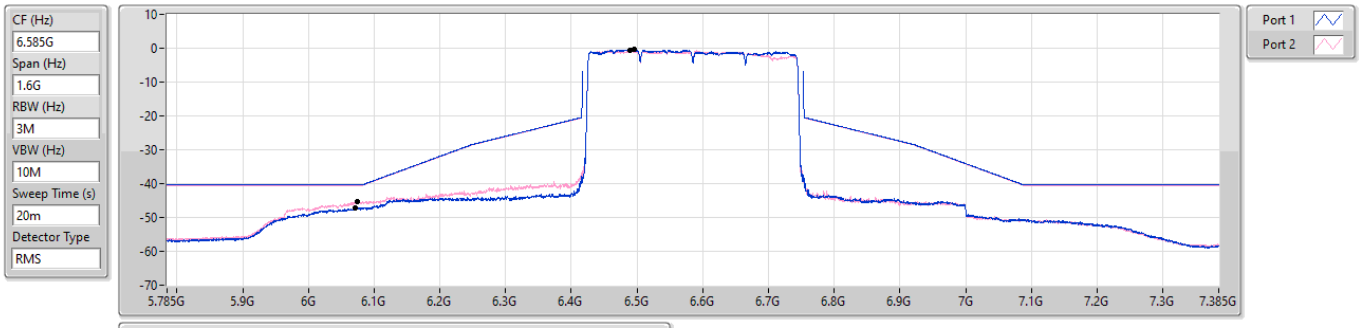


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.36182G	-0.22	6.9578G	-46.12	-40.22	-5.90	1
6.31383G	-0.93	6.9326G	-47.89	-40.93	-6.96	2

6.425-6.525GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX **MASK**

6585MHz_TX

09/01/2025

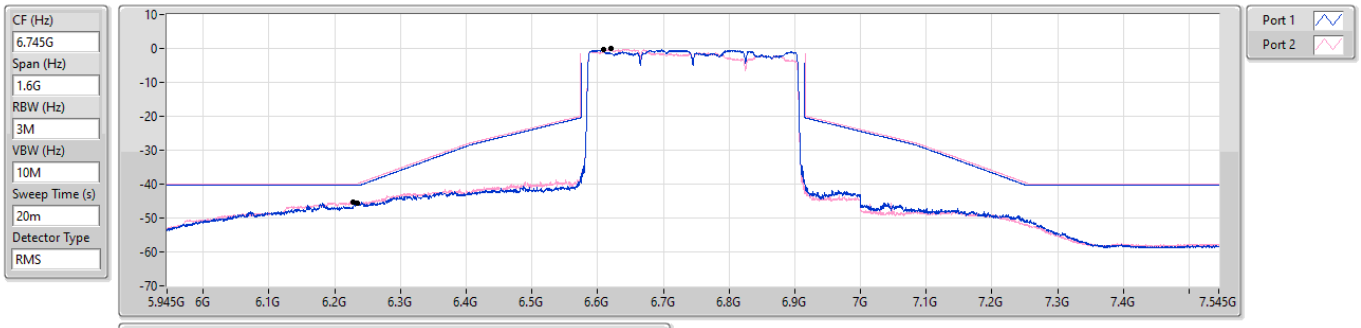


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.49502G	-0.46	6.0714G	-47.15	-40.46	-6.69	1
6.48982G	-0.59	6.0746G	-45.44	-40.59	-4.85	2

6.525-6.875GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX **MASK**

6745MHz_TX

09/01/2025

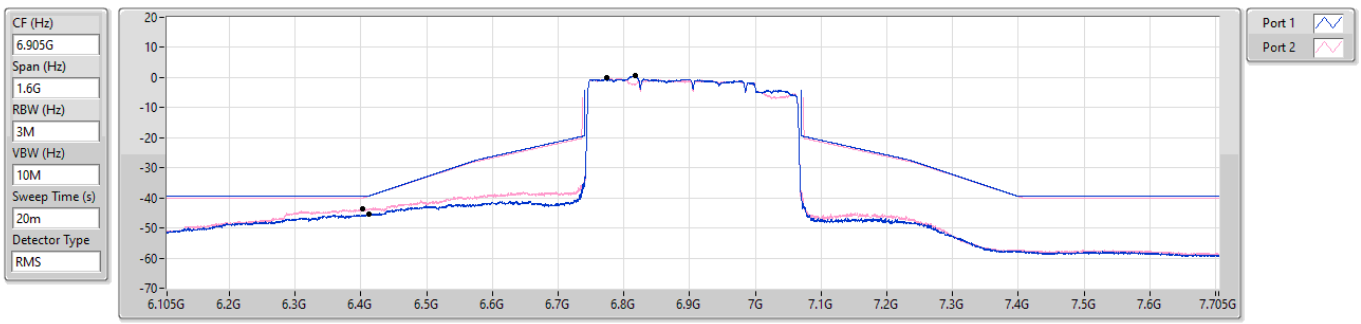


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.60903G	-0.43	6.235G	-45.57	-40.43	-5.14	1
6.62103G	-0.00	6.2282G	-45.33	-40.00	-5.33	2

6.525-6.875GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX **MASK**

6905MHz_TX

09/01/2025



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.81702G	0.59	6.4126G	-45.37	-39.32	-6.05	1
6.77383G	-0.21	6.4018G	-43.79	-40.14	-3.65	2

Contention Based Protocol Threshold Level 802.11be EHT20										
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	-62.80	4.20	-67.02	≤ -62
						Minimal	-63.80	4.20	-68.00	≤ -62
						ON	-77.80	4.20	-82.00	≤ -62
6	101	20	6455	Center	6455	OFF	-62.80	4.20	-67.04	≤ -62
						Minimal	-63.80	4.20	-68.00	≤ -62
						ON	-77.80	4.20	-82.00	≤ -62
7	149	20	6695	Center	6695	OFF	-60.80	4.20	-65.04	≤ -62
						Minimal	-61.80	4.20	-66.00	≤ -62
						ON	-77.80	4.20	-82.00	≤ -62
8	213	20	7015	Center	7015	OFF	-62.80	4.20	-67.04	≤ -62
						Minimal	-63.80	4.20	-68.00	≤ -62
						ON	-77.80	4.20	-82.00	≤ -62

Contention Based Protocol Threshold Level 802.11be EHT320										
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	31	320	6105	Low edge	5950	OFF	-62.80	4.20	-67.04	≤ -62
						Minimal	-63.80	4.20	-68.00	≤ -62
						ON	-77.80	4.20	-82.00	≤ -62
				Center	6105	OFF	-64.80	4.20	-69.01	≤ -62
						Minimal	-65.80	4.20	-70.00	≤ -62
						ON	-77.80	4.20	-82.00	≤ -62
				High edge	6260	OFF	-71.80	4.20	-76.01	≤ -62
						Minimal	-72.80	4.20	-77.00	≤ -62
						ON	-77.80	4.20	-82.00	≤ -62
5/6/7	95	320	6425	Low edge	6270	OFF	-65.80	4.20	-70.02	≤ -62
						Minimal	-66.80	4.20	-71.00	≤ -62
						ON	-77.80	4.20	-82.00	≤ -62
				Center	6425	OFF	-65.80	4.20	-70.05	≤ -62
						Minimal	-66.80	4.20	-71.00	≤ -62
						ON	-77.80	4.20	-82.00	≤ -62
				High edge	6580	OFF	-66.80	4.20	-71.05	≤ -62
						Minimal	-67.80	4.20	-72.00	≤ -62
						ON	-77.80	4.20	-82.00	≤ -62
7/8	159	320	6745	Low edge	6590	OFF	-66.80	4.20	-71.02	≤ -62
						Minimal	-67.80	4.20	-72.00	≤ -62
						ON	-77.80	4.20	-82.00	≤ -62
				Center	6745	OFF	-60.80	4.20	-65.04	≤ -62
						Minimal	-61.80	4.20	-66.00	≤ -62
						ON	-77.80	4.20	-82.00	≤ -62
				High edge	6900	OFF	-70.80	4.20	-75.03	≤ -62
						Minimal	-71.80	4.20	-76.00	≤ -62
						ON	-77.80	4.20	-82.00	≤ -62

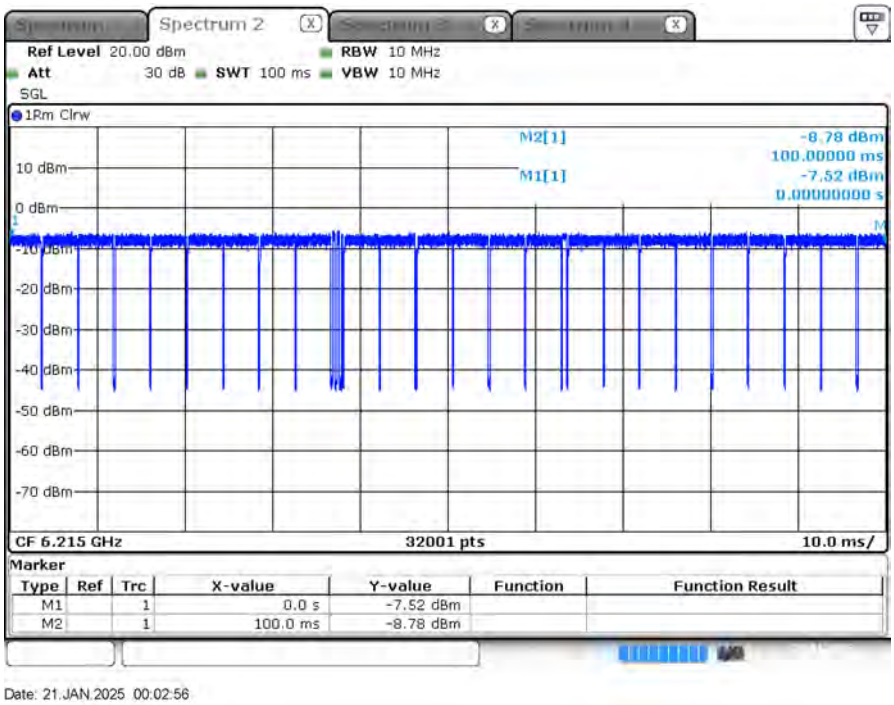
7/8	191	320	6905	Low edge	6750	OFF	-63.80	4.20	-68.02	≤ -62
						Minimal	-64.80	4.20	-69.00	≤ -62
						ON	-77.80	4.20	-82.00	≤ -62
				Center	6905	OFF	-64.80	4.20	-69.04	≤ -62
						Minimal	-65.80	4.20	-70.00	≤ -62
						ON	-77.80	4.20	-82.00	≤ -62
				High edge	7060	OFF	-61.80	4.20	-66.03	≤ -62
						Minimal	-62.80	4.20	-67.00	≤ -62
						ON	-77.80	4.20	-82.00	≤ -62

Contention Based protocol 802.11be EHT20											
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	-67.02	OFF	9	90	90	PASS
6	101	20	6455	Center	6455	-67.04	OFF	9	90	90	PASS
7	149	20	6695	Center	6695	-65.04	OFF	9	90	90	PASS
8	213	20	7015	Center	7015	-67.04	OFF	9	90	90	PASS

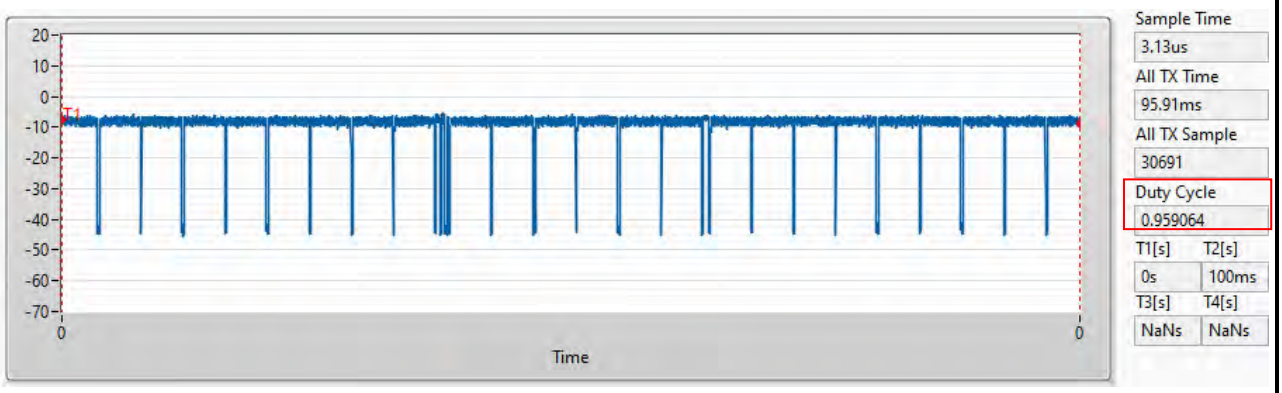
Contention Based protocol 802.11be EHT320											
UNII Band	Channel	Bandwidth (MHz)	Frequency (MHz)	Interference frequency (MHz)		AWGN Threshold Level (dBm)	EUT Status	Number of Detected (out of 10 times)	Detection Probability (%)	Limit (%)	Test Result
5	31	320	6105	Low edge	5950	-67.04	OFF	10	100	90	PASS
				Center	6105	-69.01	OFF	9	90	90	PASS
				High edge	6260	-76.01	OFF	9	90	90	PASS
5/6/7	95	320	6425	Low edge	6270	-70.02	OFF	10	100	90	PASS
				Center	6425	-70.05	OFF	9	90	90	PASS
				High edge	6580	-71.05	OFF	9	90	90	PASS
6/7	159	320	6745	Low edge	6590	-71.02	OFF	9	90	90	PASS
				Center	6745	-65.04	OFF	10	100	90	PASS
				High edge	6900	-75.03	OFF	9	90	90	PASS
7/8	191	320	6905	Low edge	6750	-68.02	OFF	9	90	90	PASS
				Center	6905	-69.04	OFF	9	90	90	PASS
				High edge	7060	-66.03	OFF	10	100	90	PASS

Bandwidth: 20MHz

Traffic Loading Plot

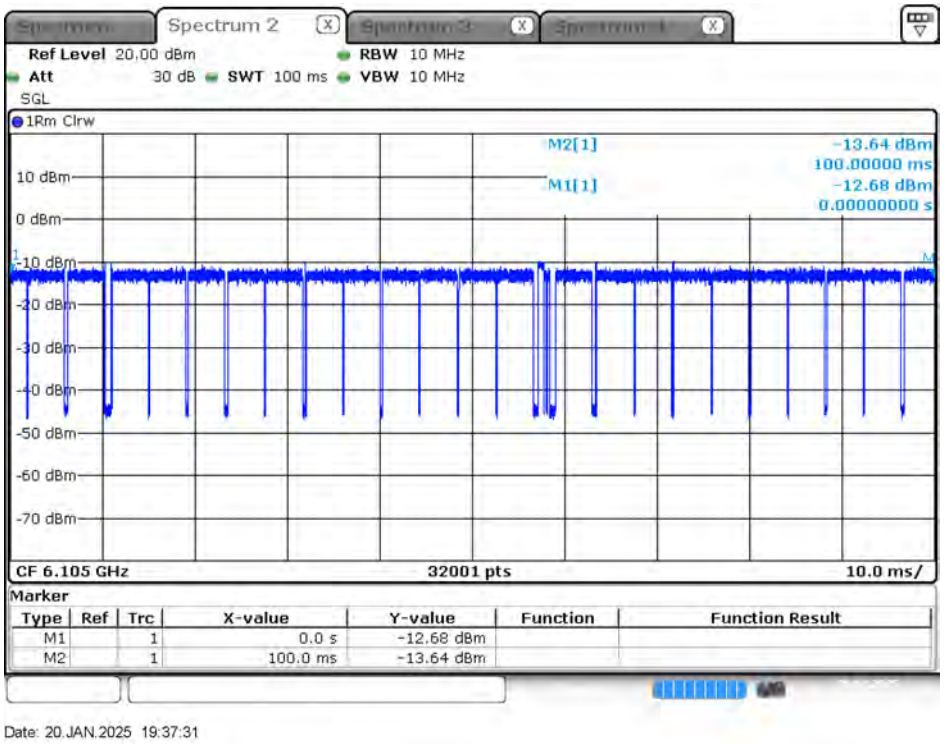


Traffic Loading Calculation

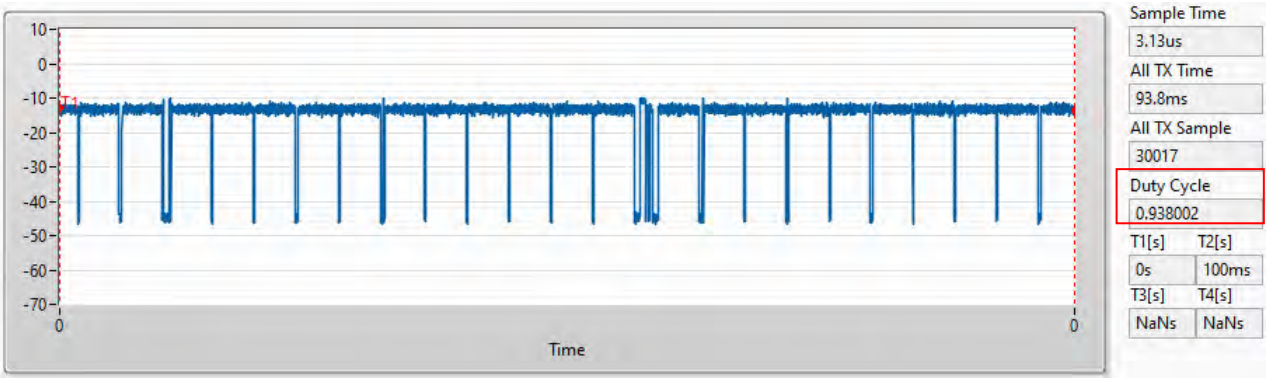


Bandwidth: 320MHz

Traffic Loading Plot



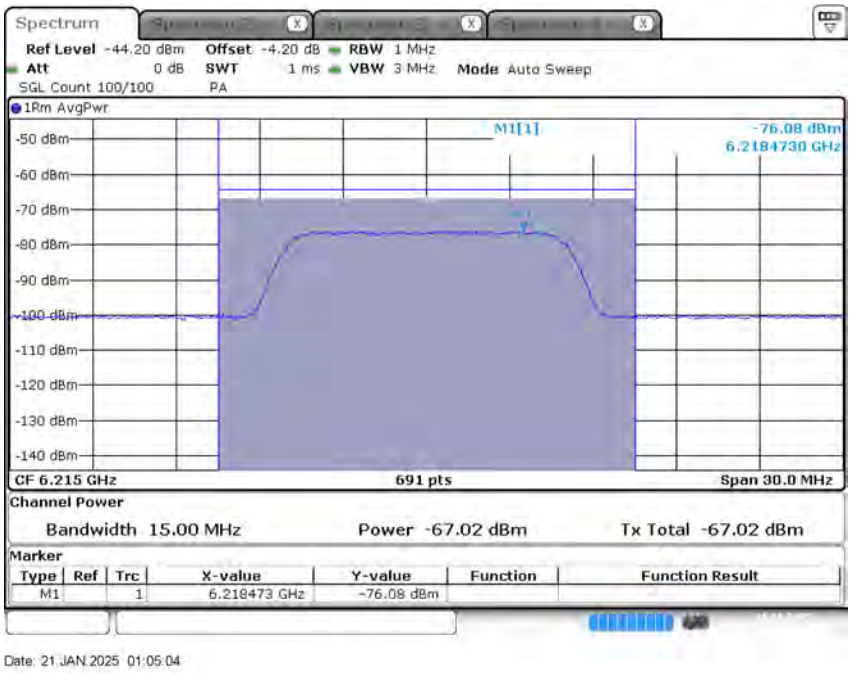
Traffic Loading Calculation



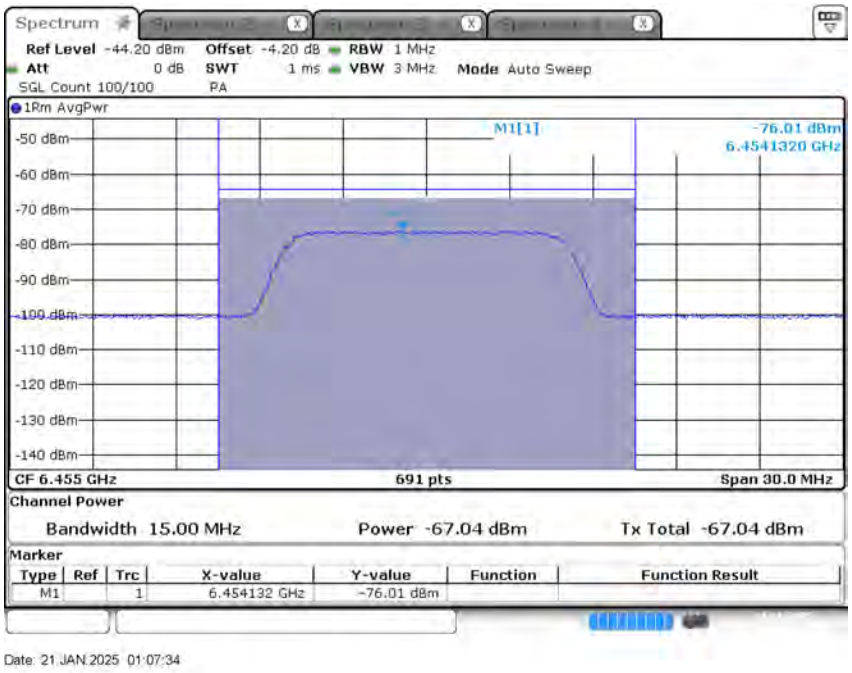
Incumbent signal (AWGN) Plot

Bandwidth: 20MHz

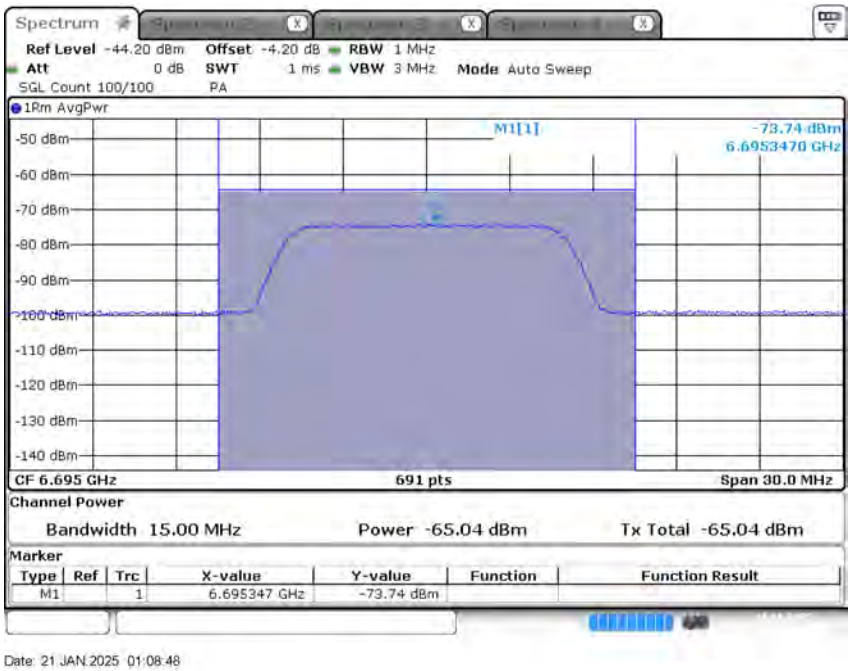
Frequency (MHz): 6215 MHz



Frequency (MHz): 6455 MHz

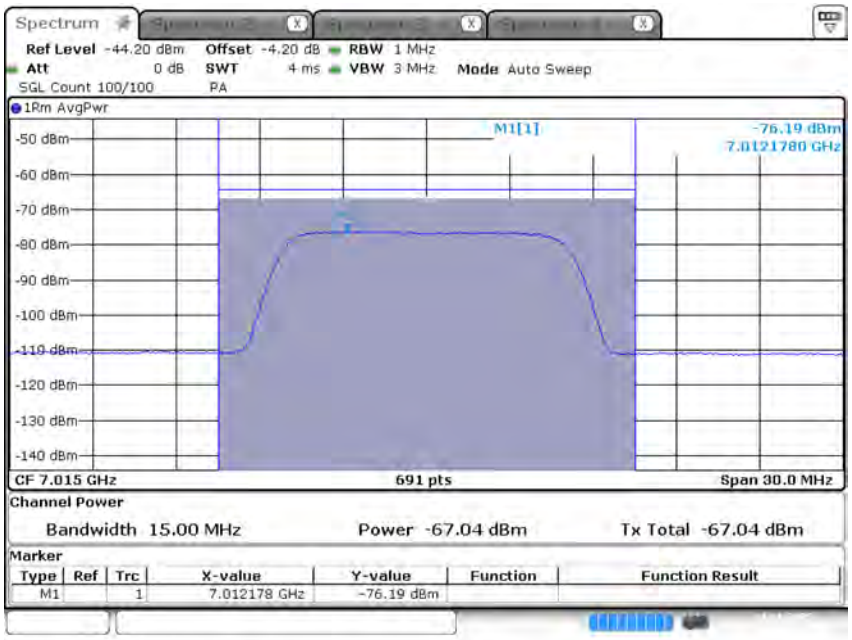


Frequency (MHz): 6695 MHz



Date: 21 JAN 2025 01:08:48

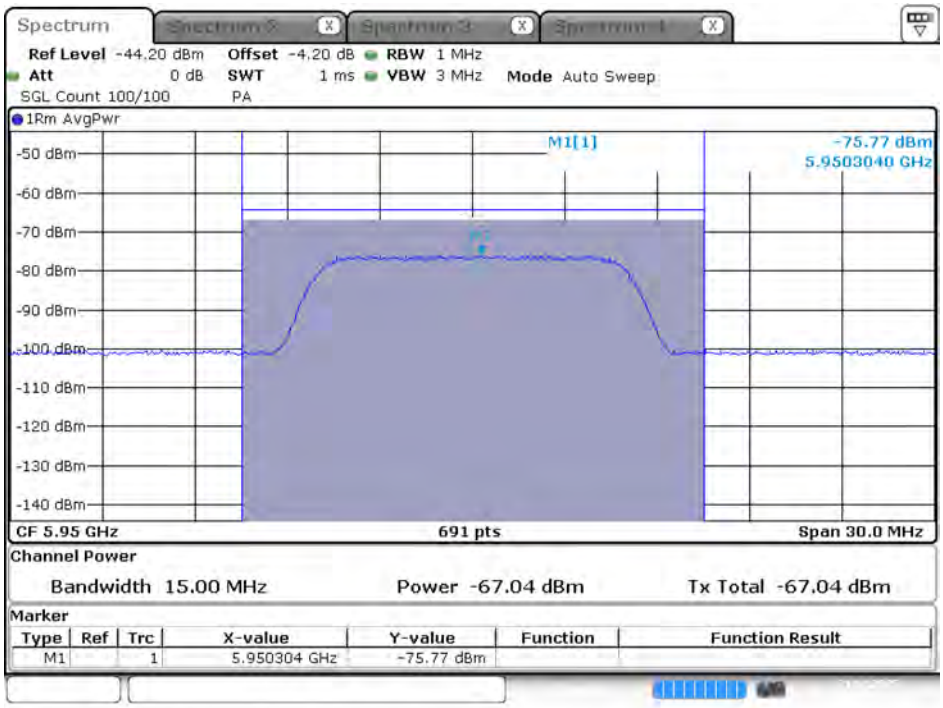
Frequency (MHz): 7015 MHz



Date: 21 JAN 2025 01:09:51

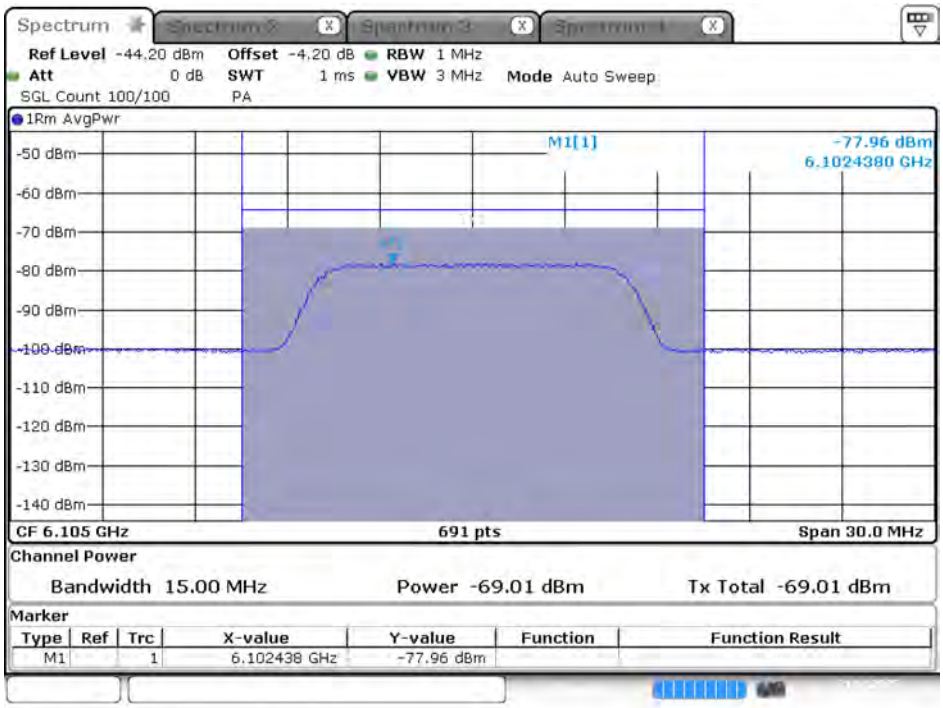
Bandwidth: 320MHz

Frequency (MHz): 5950 MHz



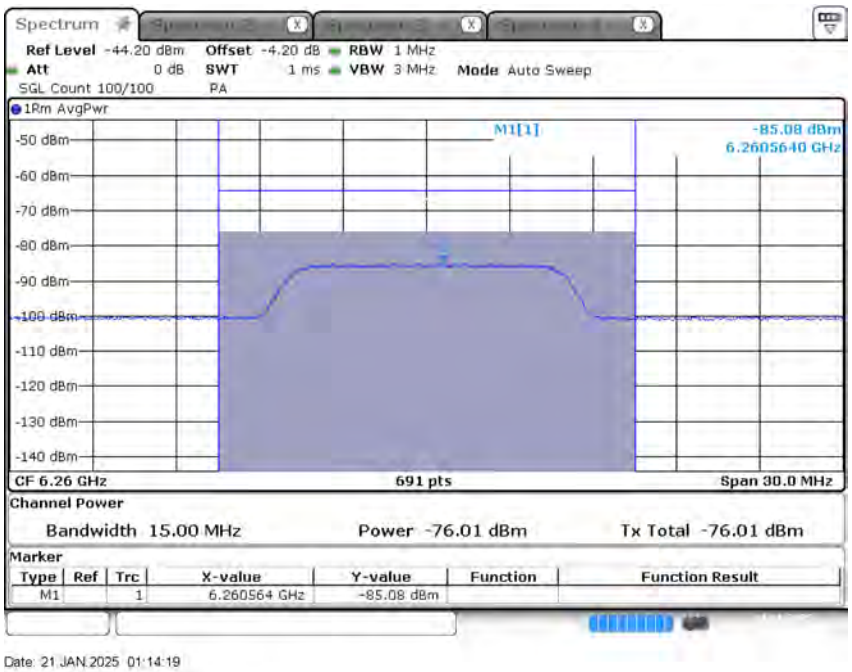
Date: 21.JAN.2025 01:12:38

Frequency (MHz): 6105 MHz

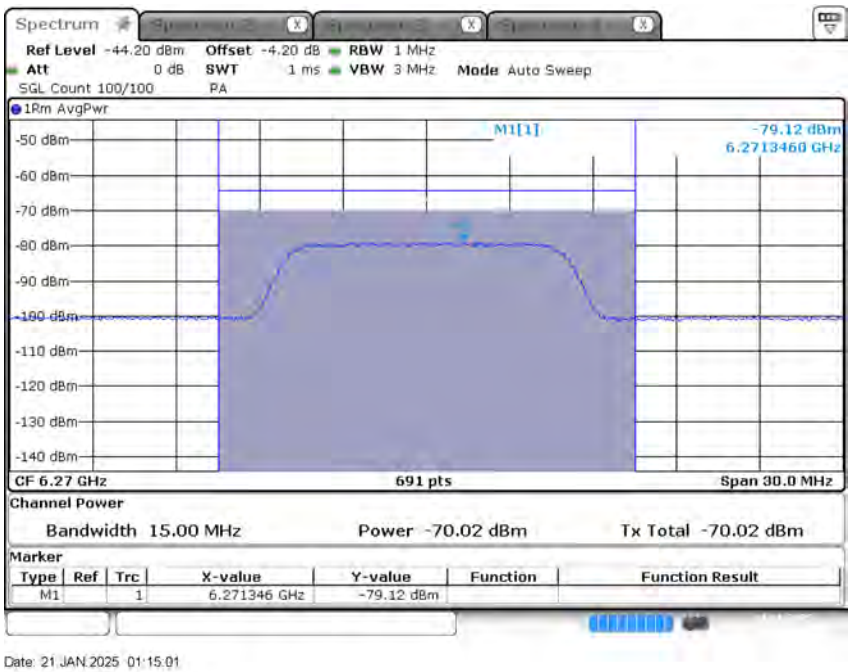


Date: 21.JAN.2025 01:13:17

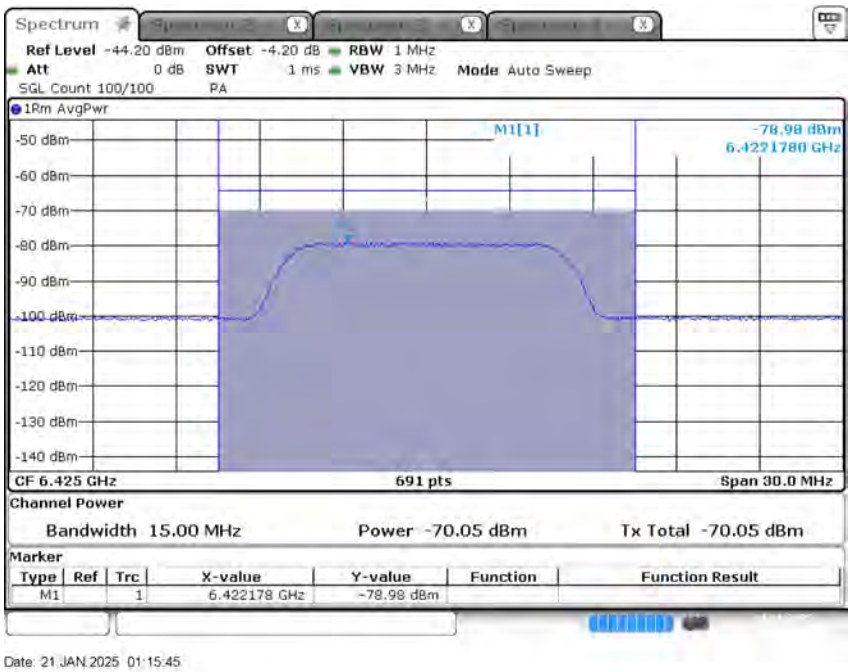
Frequency (MHz): 6260 MHz



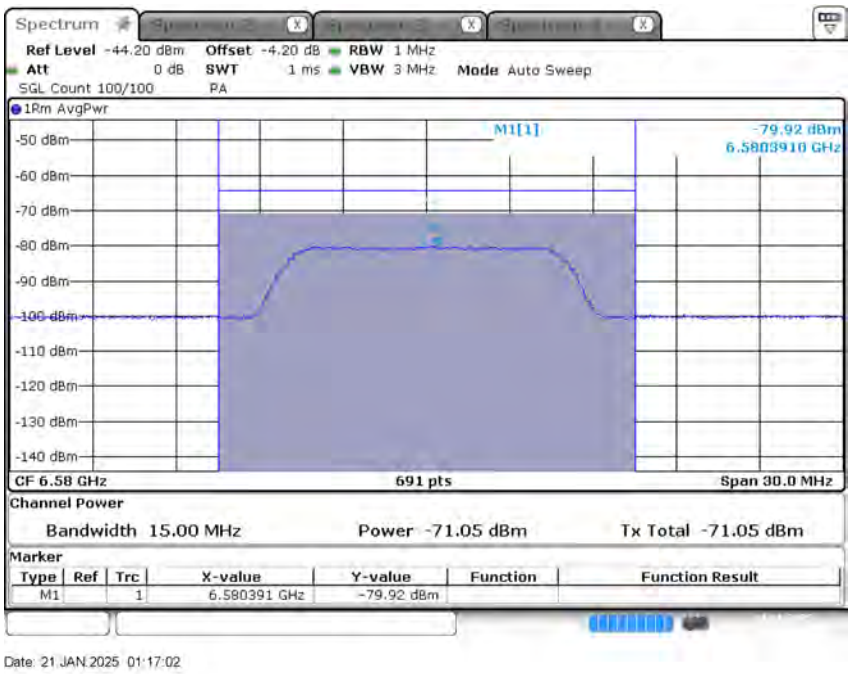
Frequency (MHz): 6270 MHz



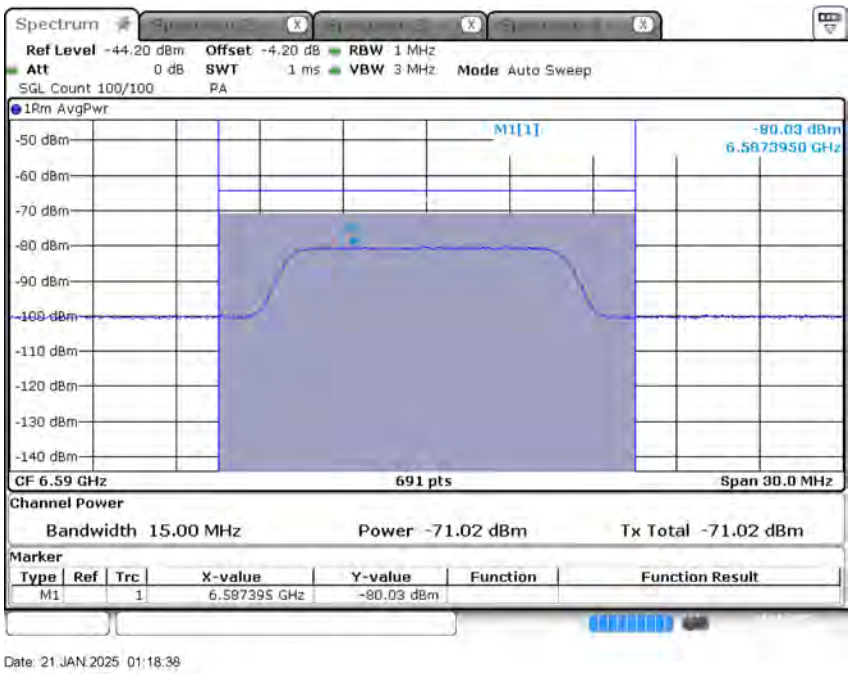
Frequency (MHz): 6425 MHz



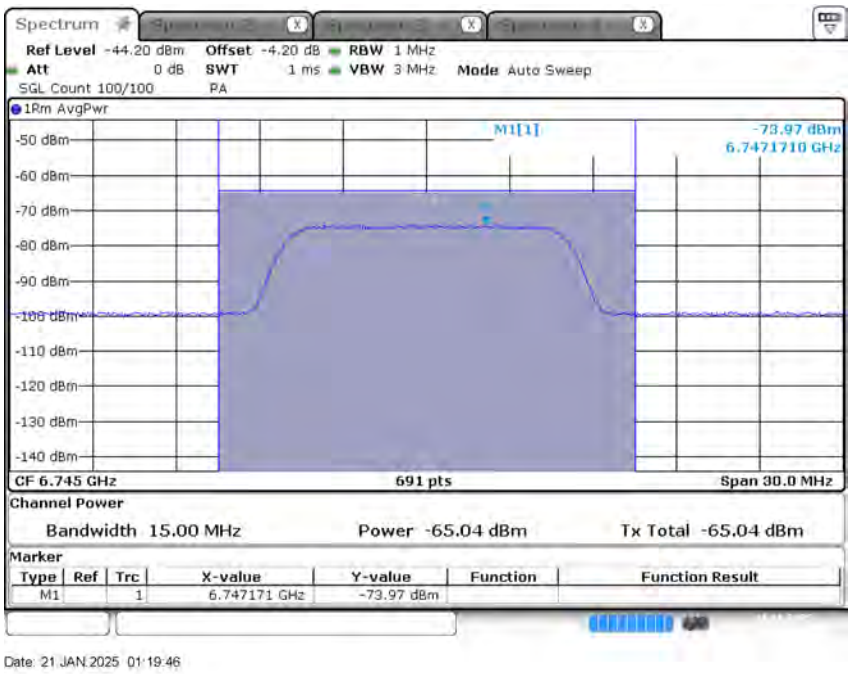
Frequency (MHz): 6580 MHz



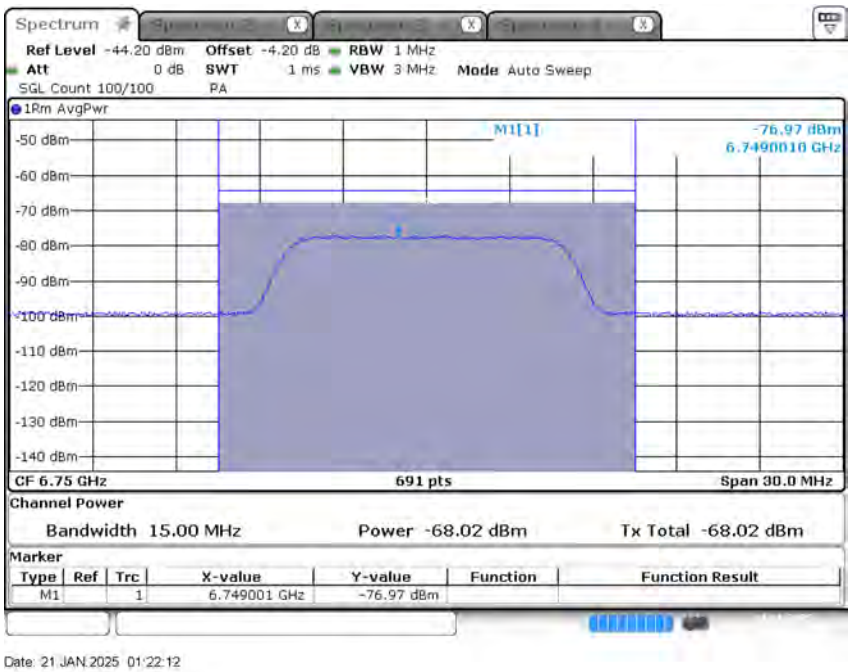
Frequency (MHz): 6590 MHz



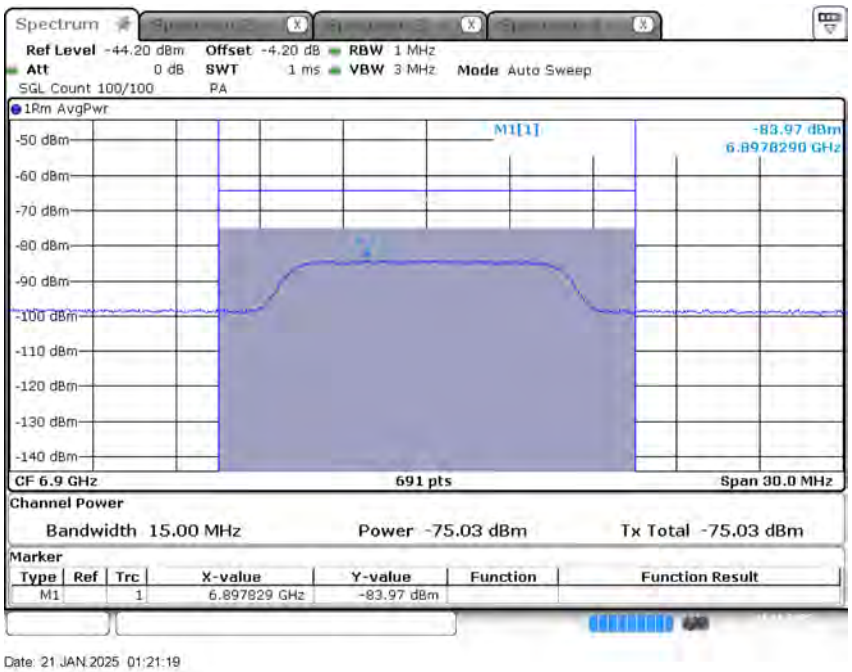
Frequency (MHz): 6745 MHz



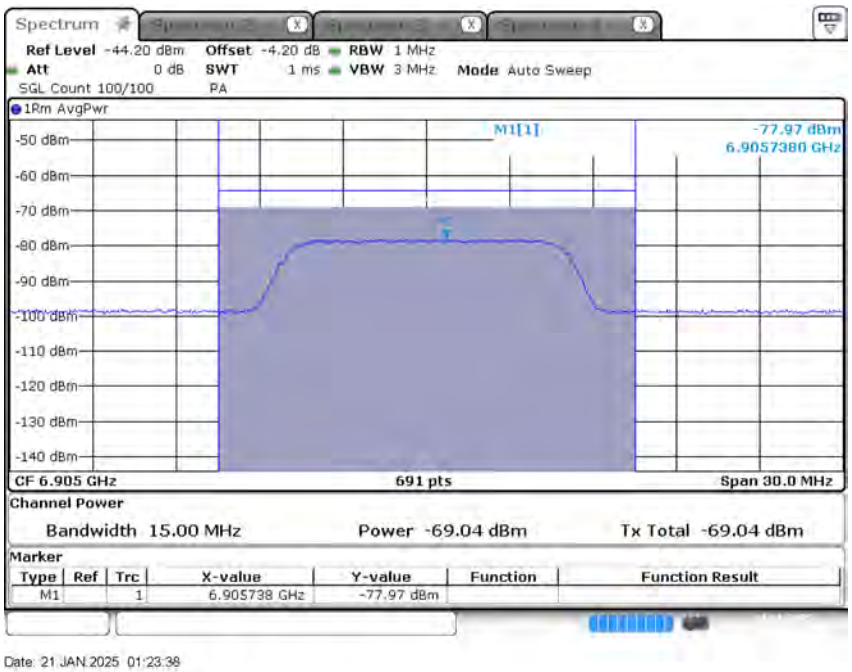
Frequency (MHz): 6750 MHz



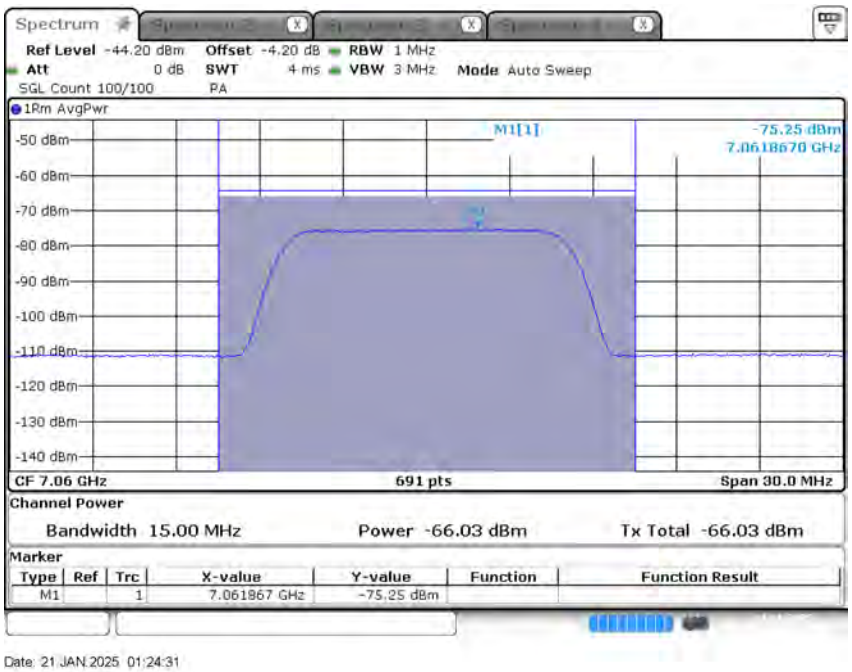
Frequency (MHz): 6900 MHz



Frequency (MHz): 6905 MHz



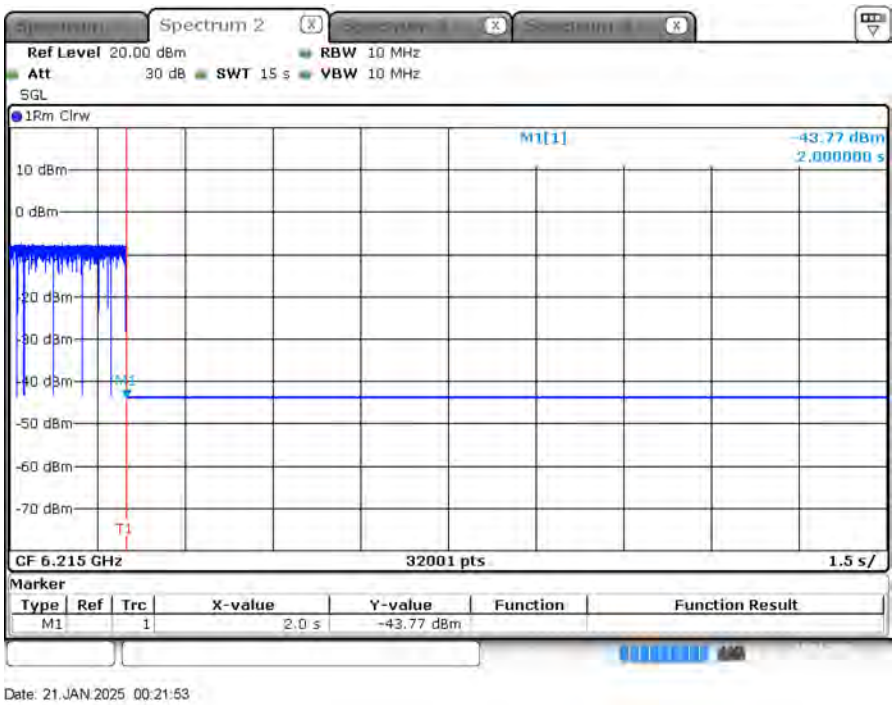
Frequency (MHz): 7060 MHz



Contention-Based Protocol Plot

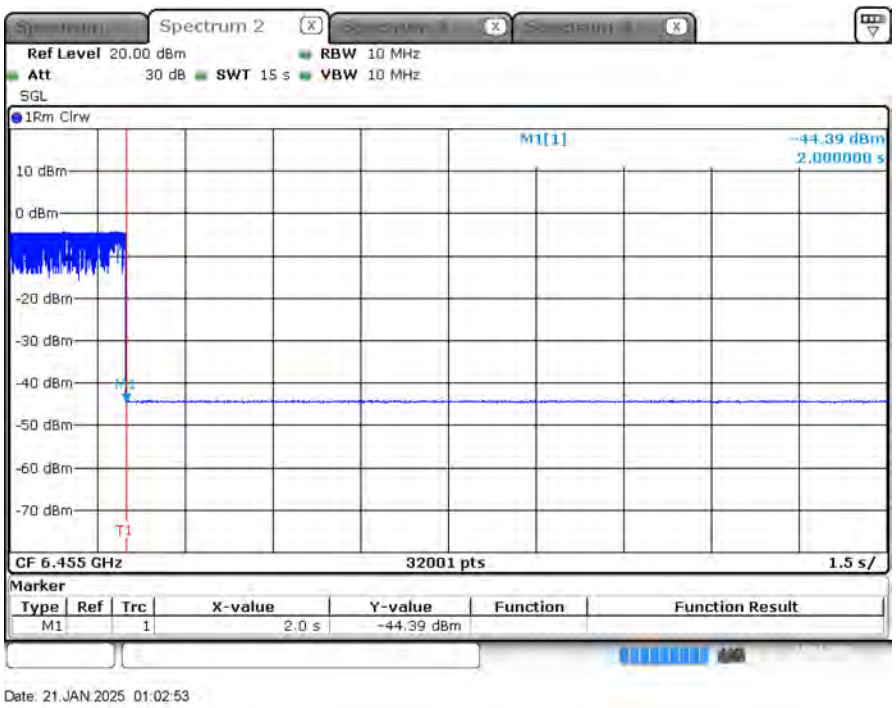
Bandwidth: 20MHz

Test CH 53 ; Incumbent signal 6215 MHz



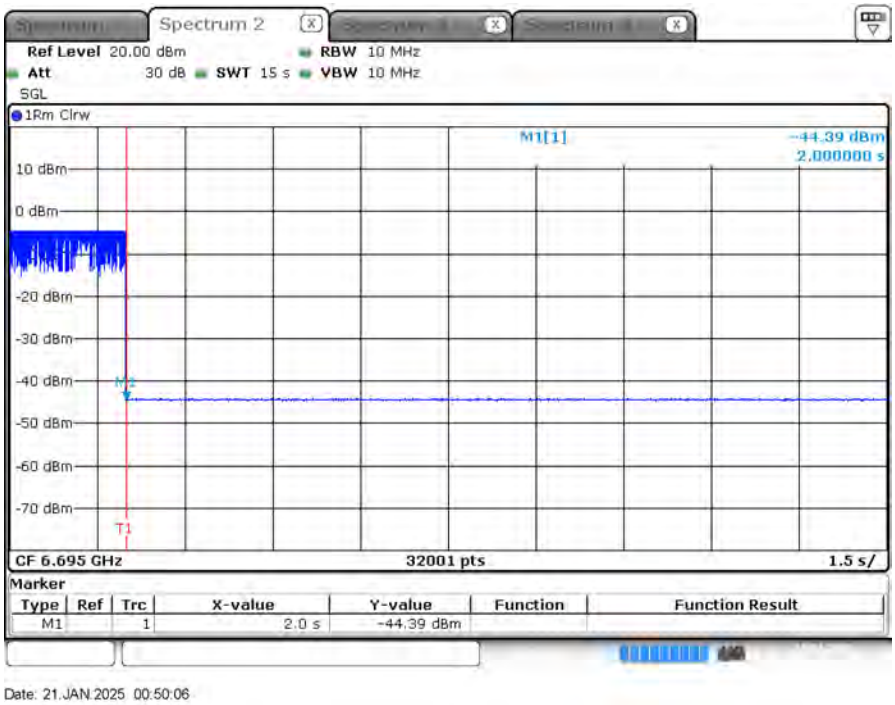
Note : M1 : Inject AWGN signal

Test CH 101 ; Incumbent signal 6455 MHz



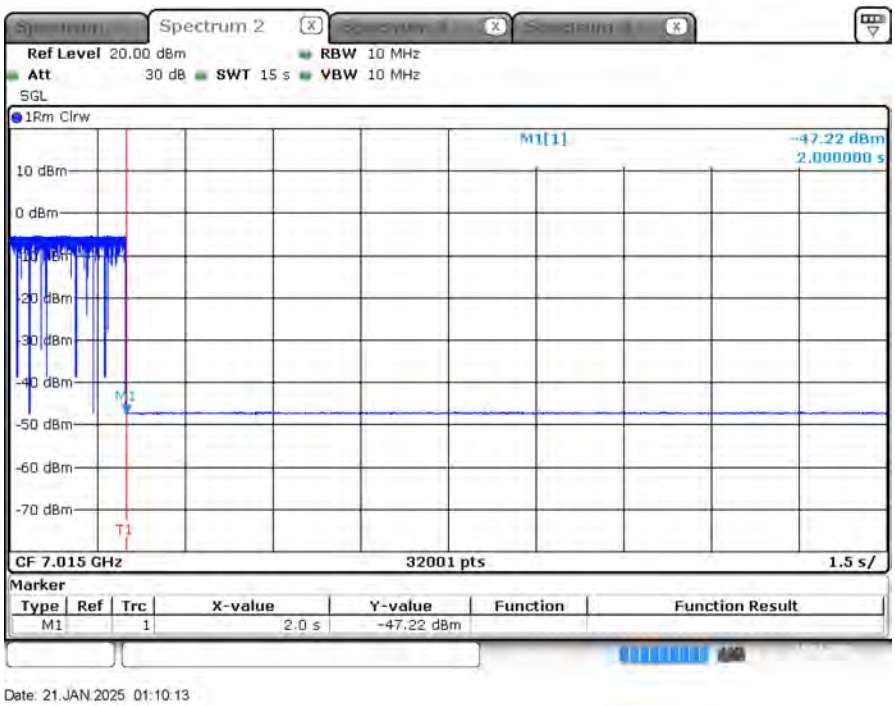
Note : M1 : Inject AWGN signal

Test CH 149 ; Incumbent signal 6695 MHz



Note : M1 : Inject AWGN signal

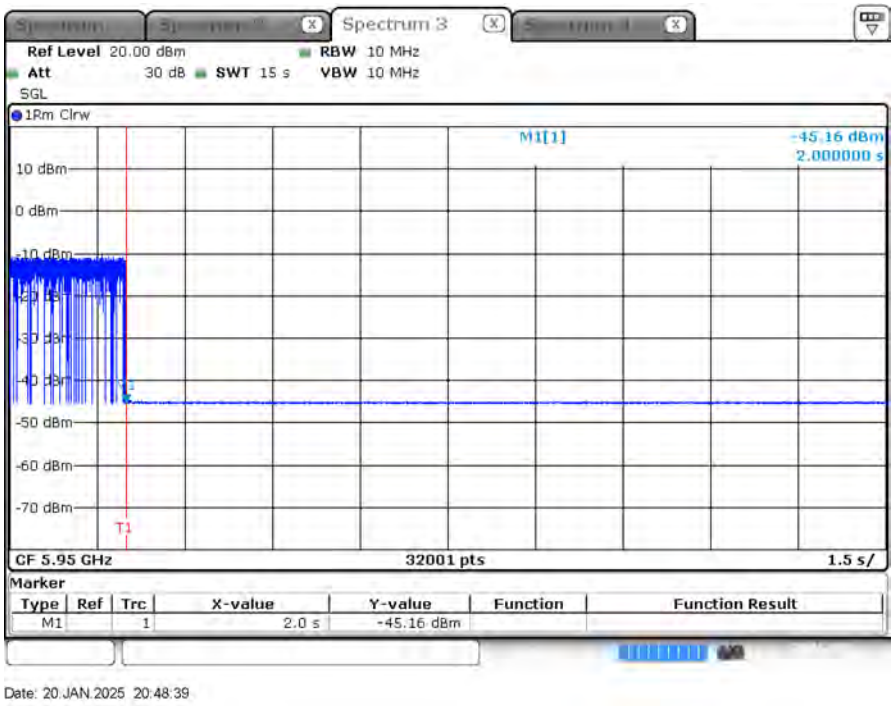
Test CH 213 ; Incumbent signal 7015 MHz



Note : M1 : Inject AWGN signal

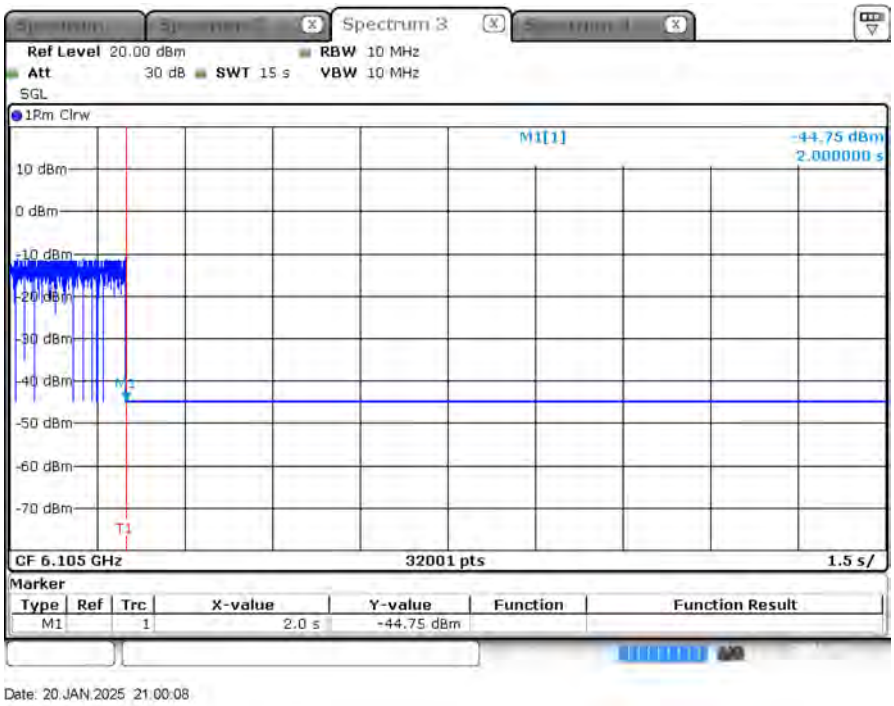
Bandwidth: 320MHz

Test CH 31 ; Incumbent signal 5950 MHz



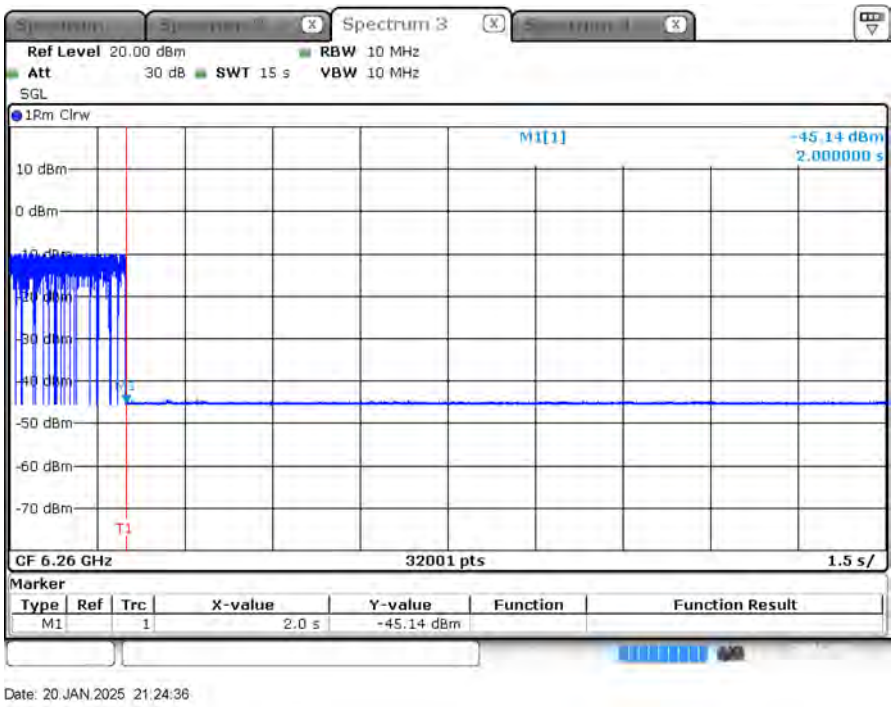
Note : M1 : Inject AWGN signal

Test CH 31 ; Incumbent signal 6105 MHz



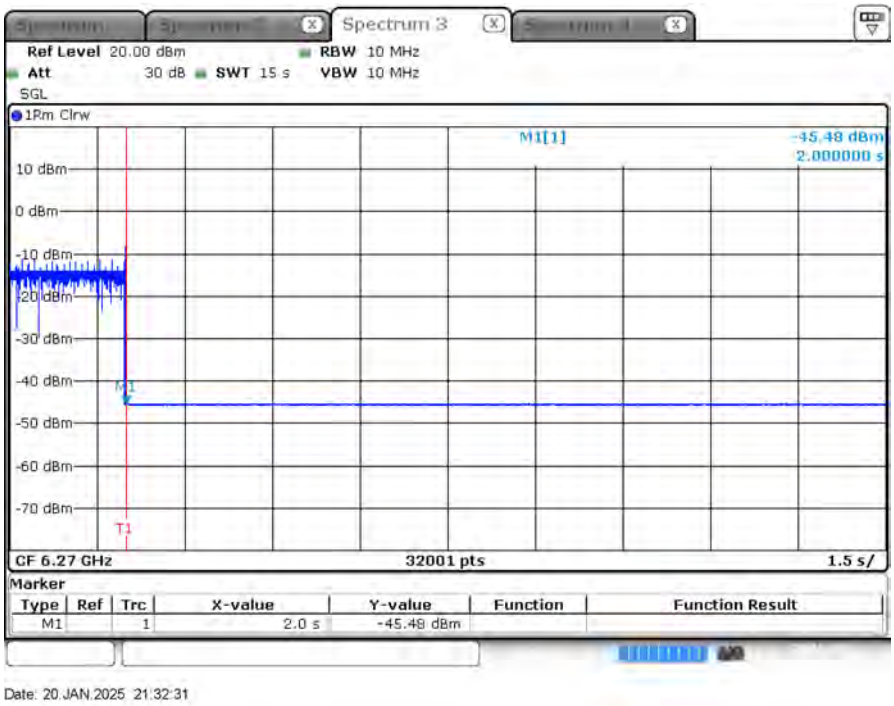
Note : M1 : Inject AWGN signal

Test CH 31 ; Incumbent signal 6260 MHz



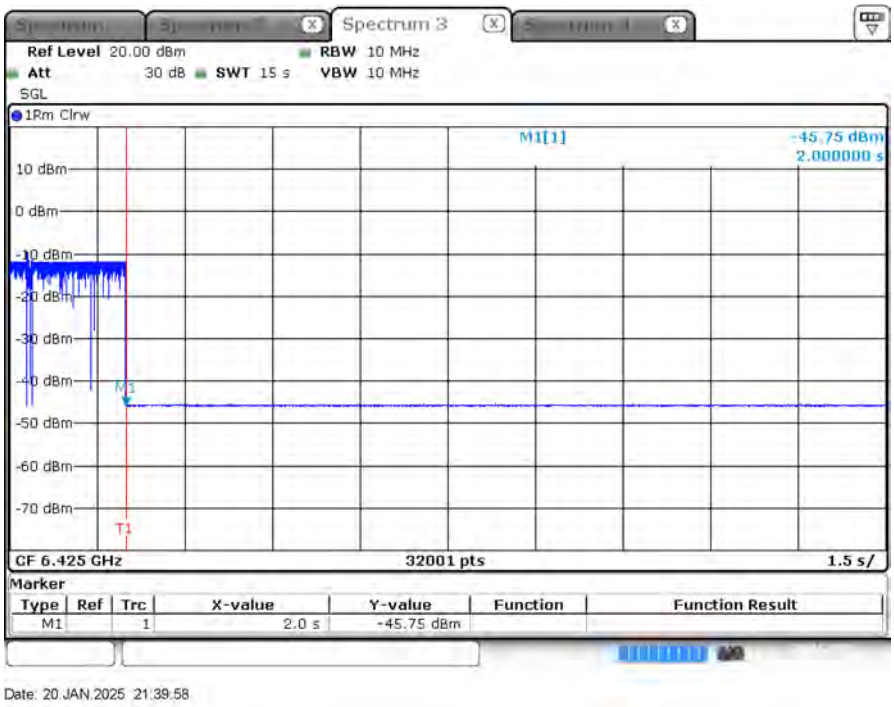
Note : M1 : Inject AWGN signal

Test CH 95 ; Incumbent signal 6270 MHz



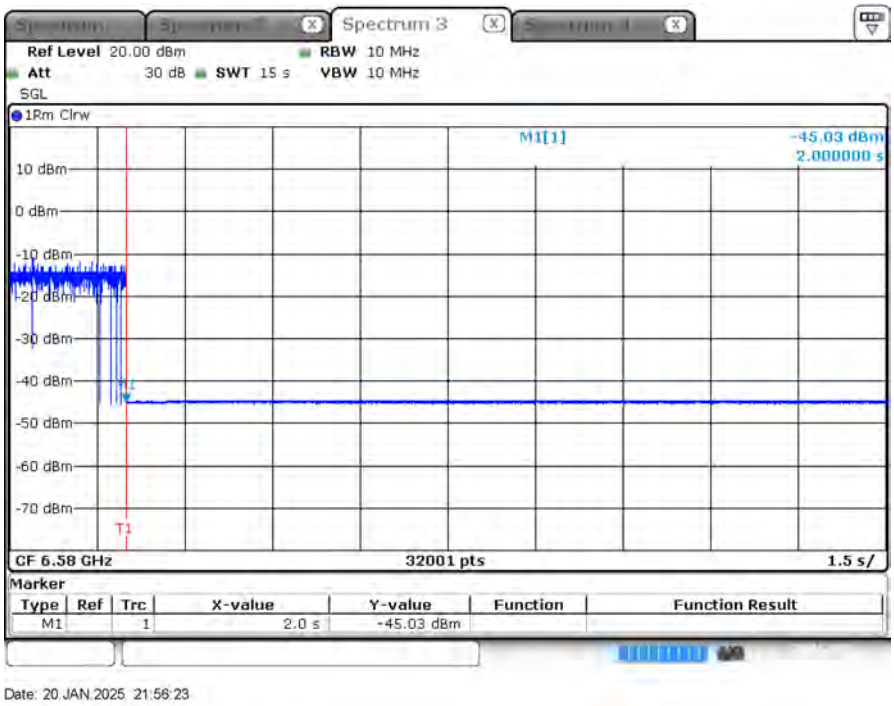
Note : M1 : Inject AWGN signal

Test CH 95 ; Incumbent signal 6425 MHz



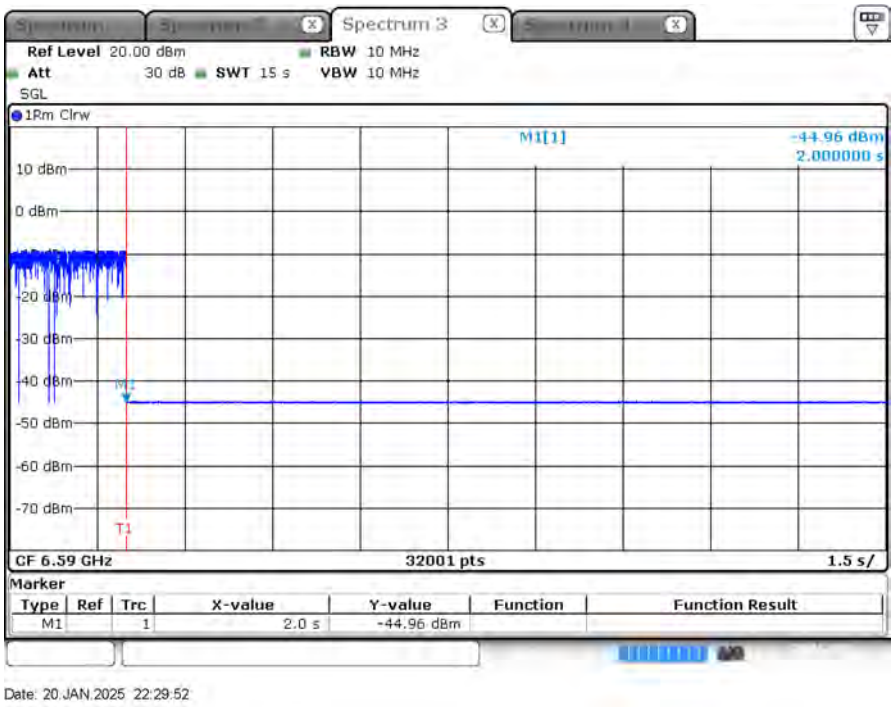
Note : M1 : Inject AWGN signal

Test CH 95 ; Incumbent signal 6580 MHz



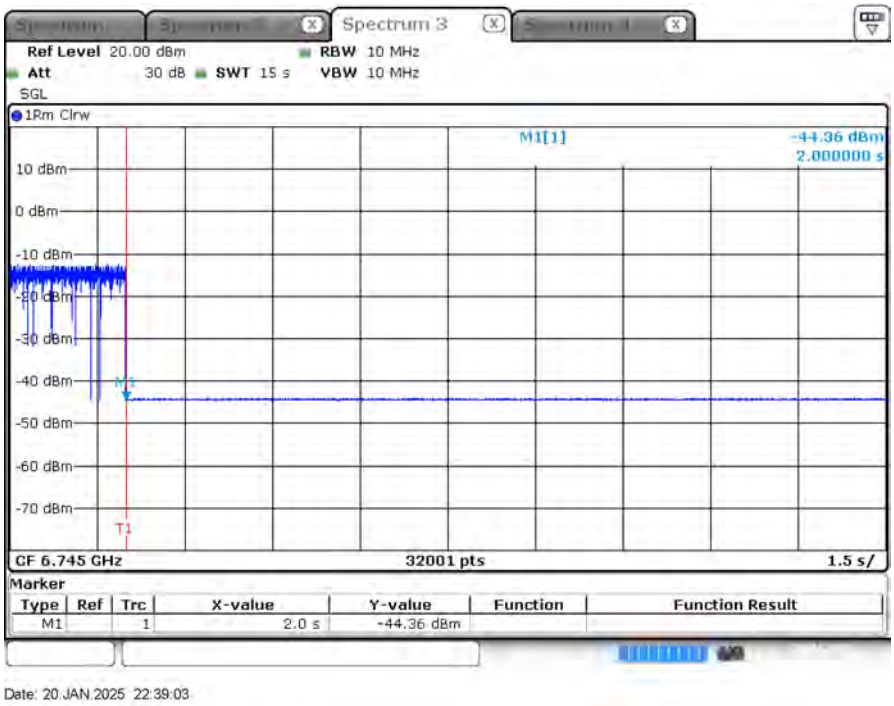
Note : M1 : Inject AWGN signal

Test CH 159 ; Incumbent signal 6590 MHz



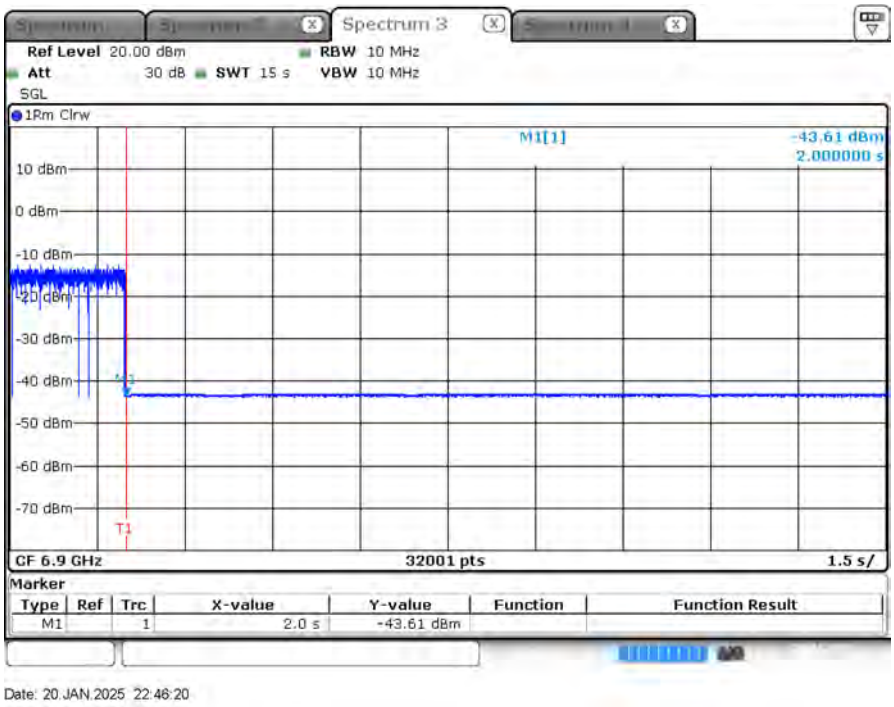
Note : M1 : Inject AWGN signal

Test CH 159 ; Incumbent signal 6745 MHz



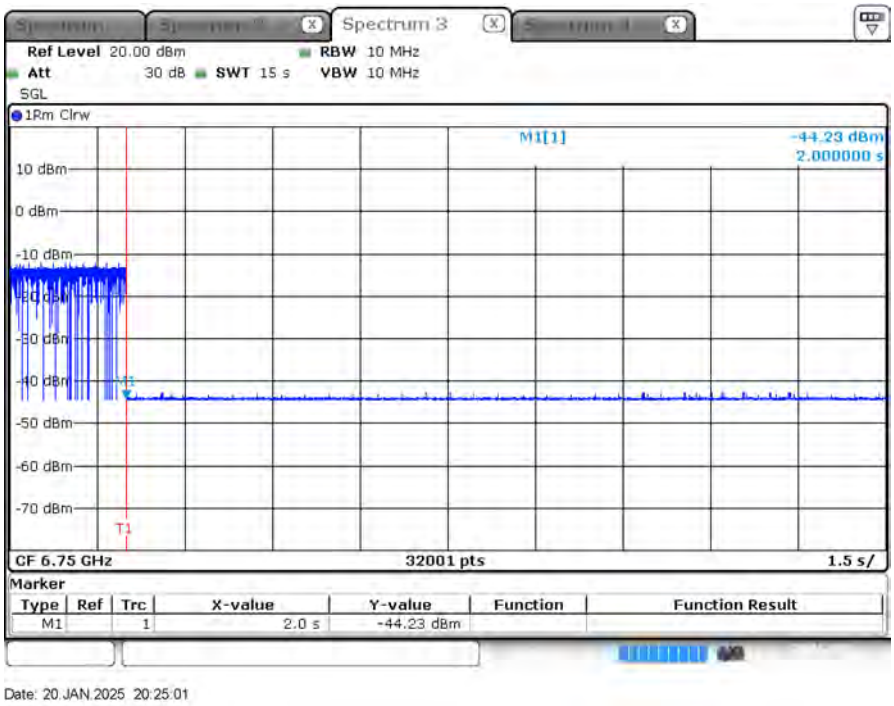
Note : M1 : Inject AWGN signal

Test CH 159 ; Incumbent signal 6900 MHz



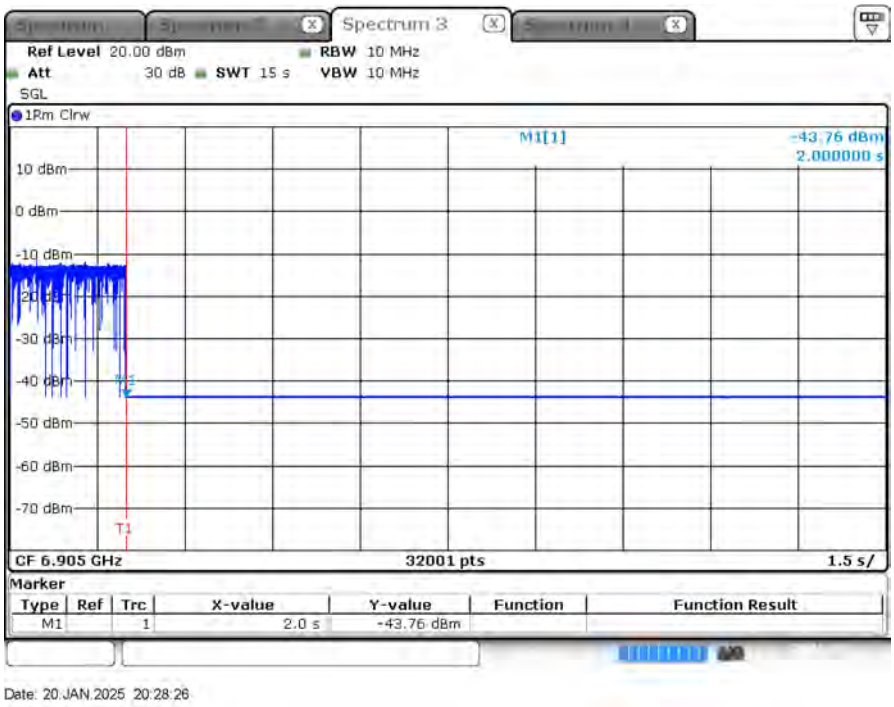
Note : M1 : Inject AWGN signal

Test CH 191 ; Incumbent signal 6750 MHz



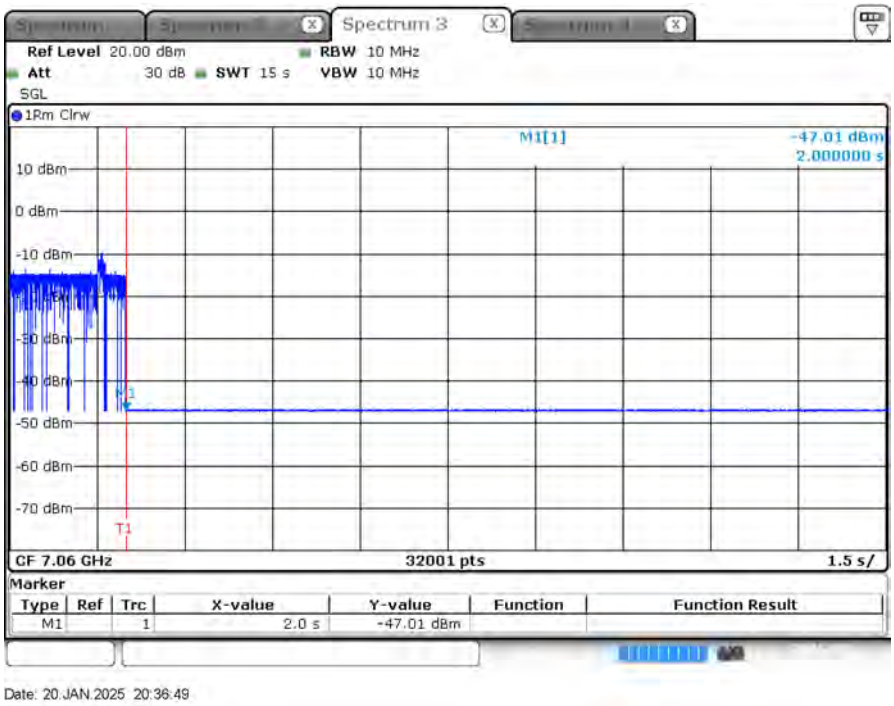
Note : M1 : Inject AWGN signal

Test CH 191 ; Incumbent signal 6905 MHz



Note : M1 : Inject AWGN signal

Test CH 191 ; Incumbent signal 7060 MHz

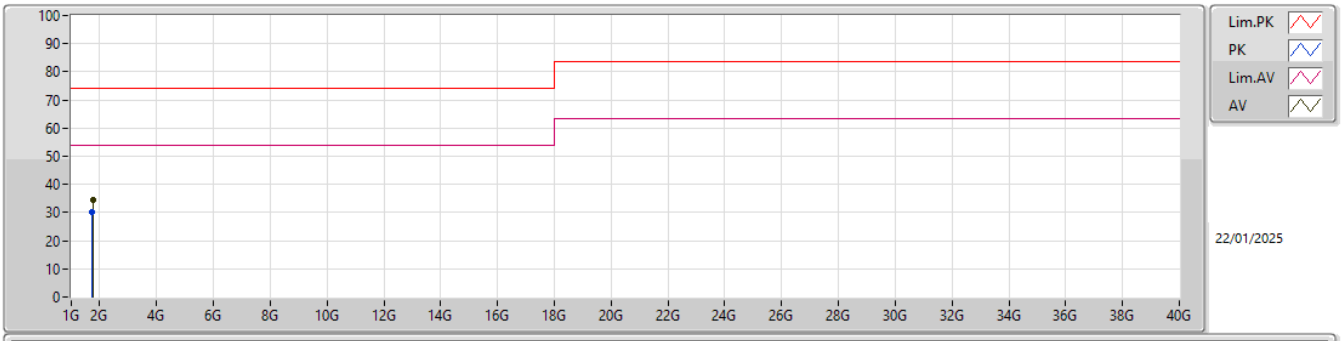


Note : M1 : Inject AWGN signal

Summary

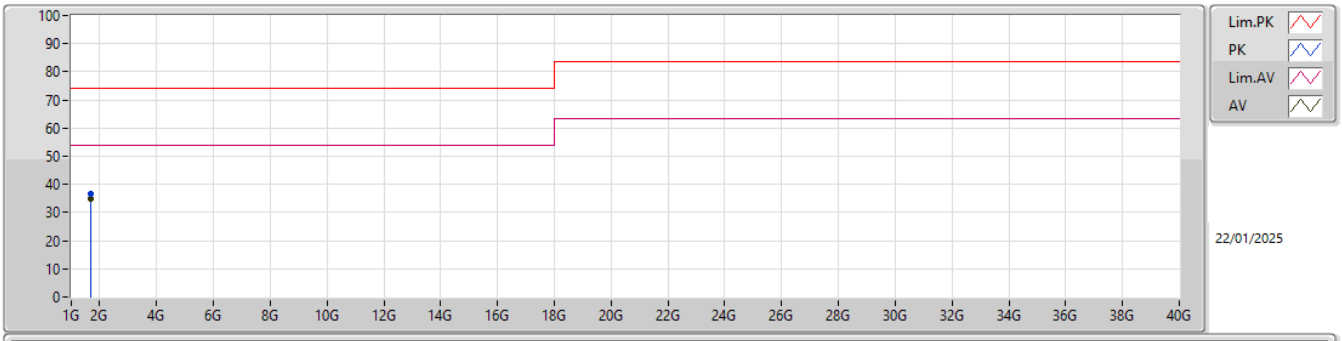
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.70178G	35.04	54.00	-18.96	Horizontal

Radiated Emissions above 1GHz_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	1.7131G	30.33	74.00	-43.67	-3.47	3	Vertical	33	180	-	33.80	25.60	4.15	33.22
AV	1.751G	34.36	54.00	-19.64	-3.56	3	Vertical	33	180	"Worst"	37.92	25.41	4.21	33.18

Radiated Emissions above 1GHz_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	1.6867G	36.60	74.00	-37.40	-3.59	3	Horizontal	48	1.80	-	40.19	25.53	4.12	33.24
AV	1.70178G	35.04	54.00	-18.96	-3.64	3	Horizontal	48	1.80	"Worst"	38.68	25.44	4.14	33.22