

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

MASK

6665MHz_TX

CF (Hz)
6.665G

Span (Hz)
800M

RBW (Hz)
2M

VBW (Hz)
10M

Sweep Time (s)
20m

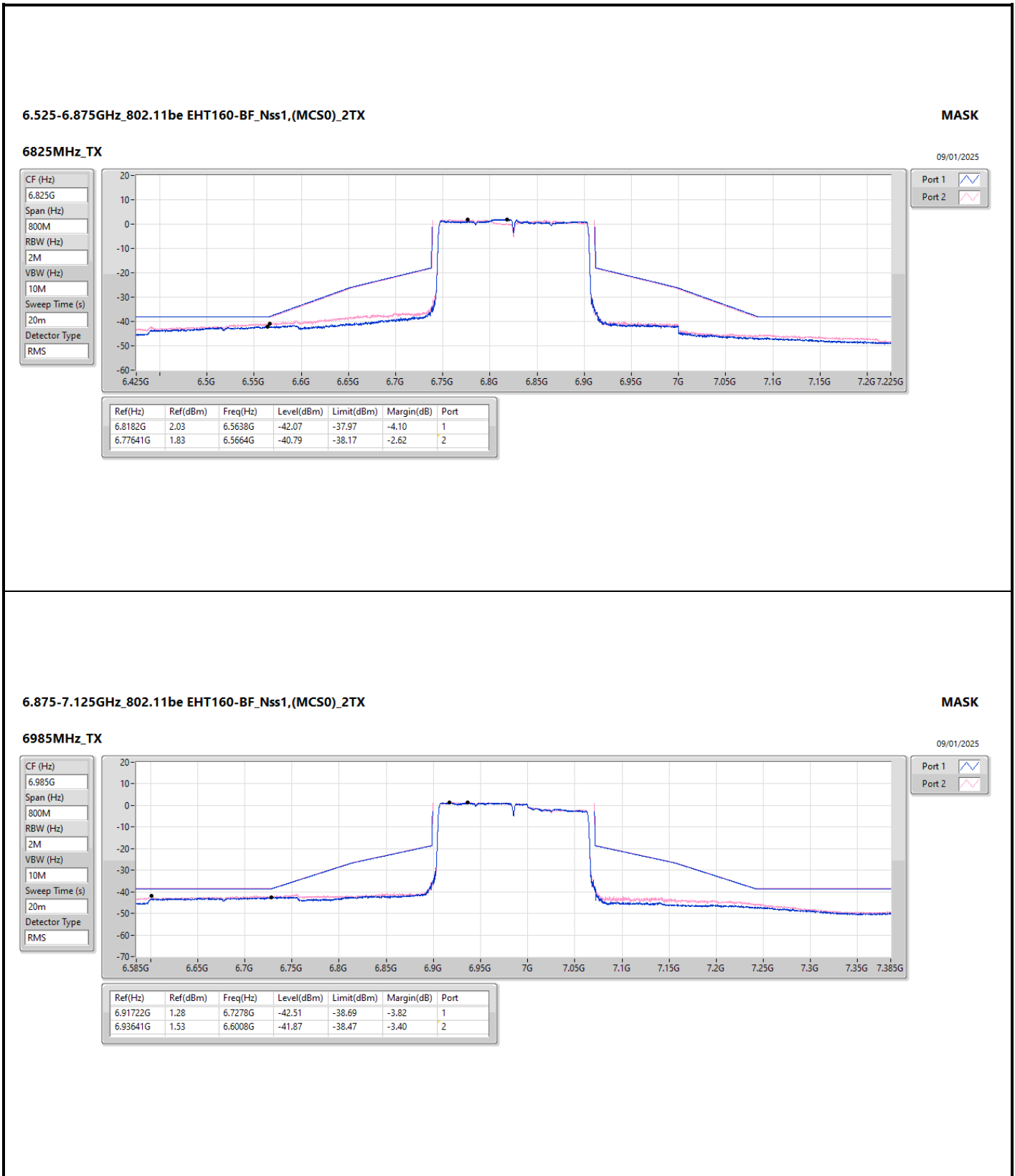
Detector Type
RMS

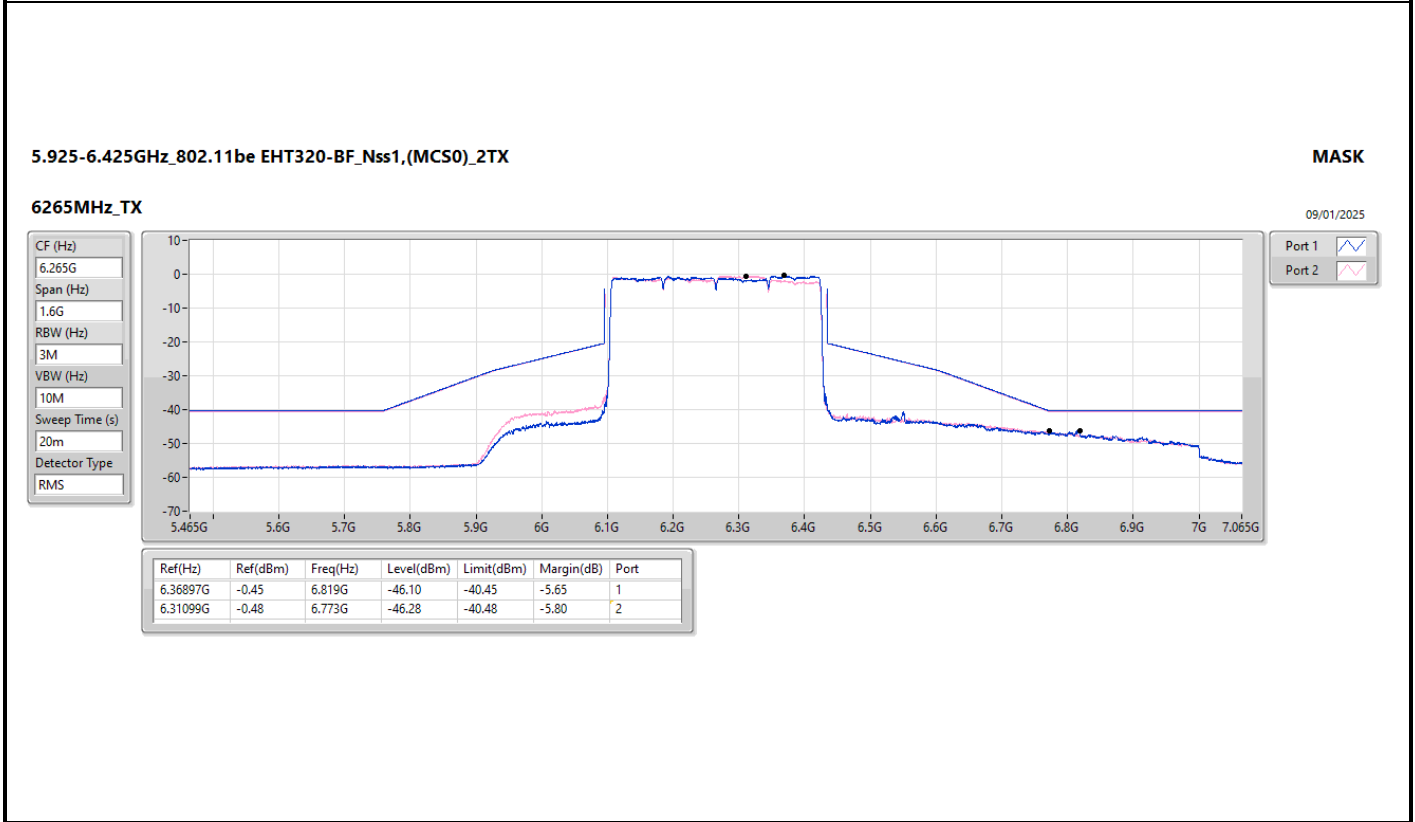
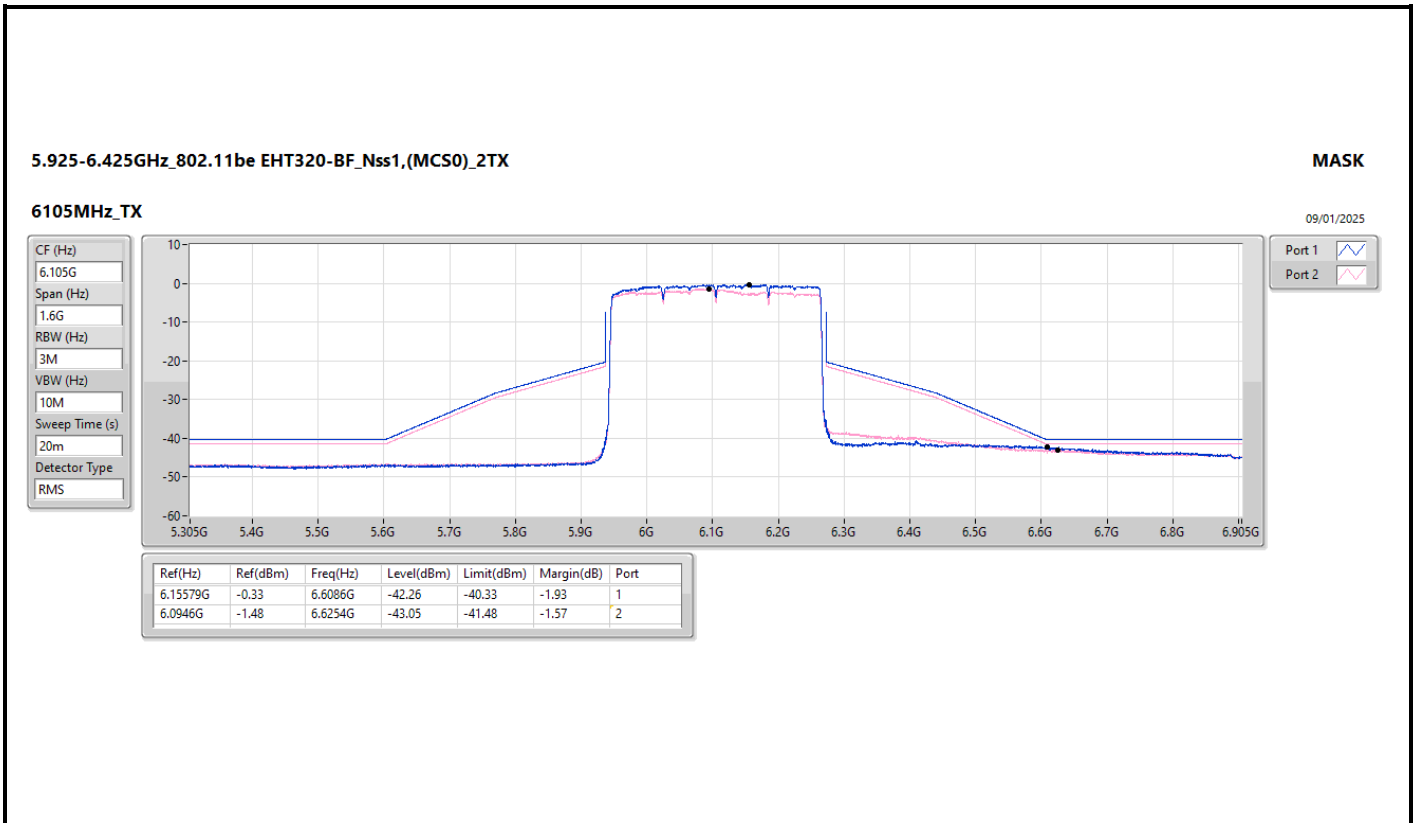
09/01/2025

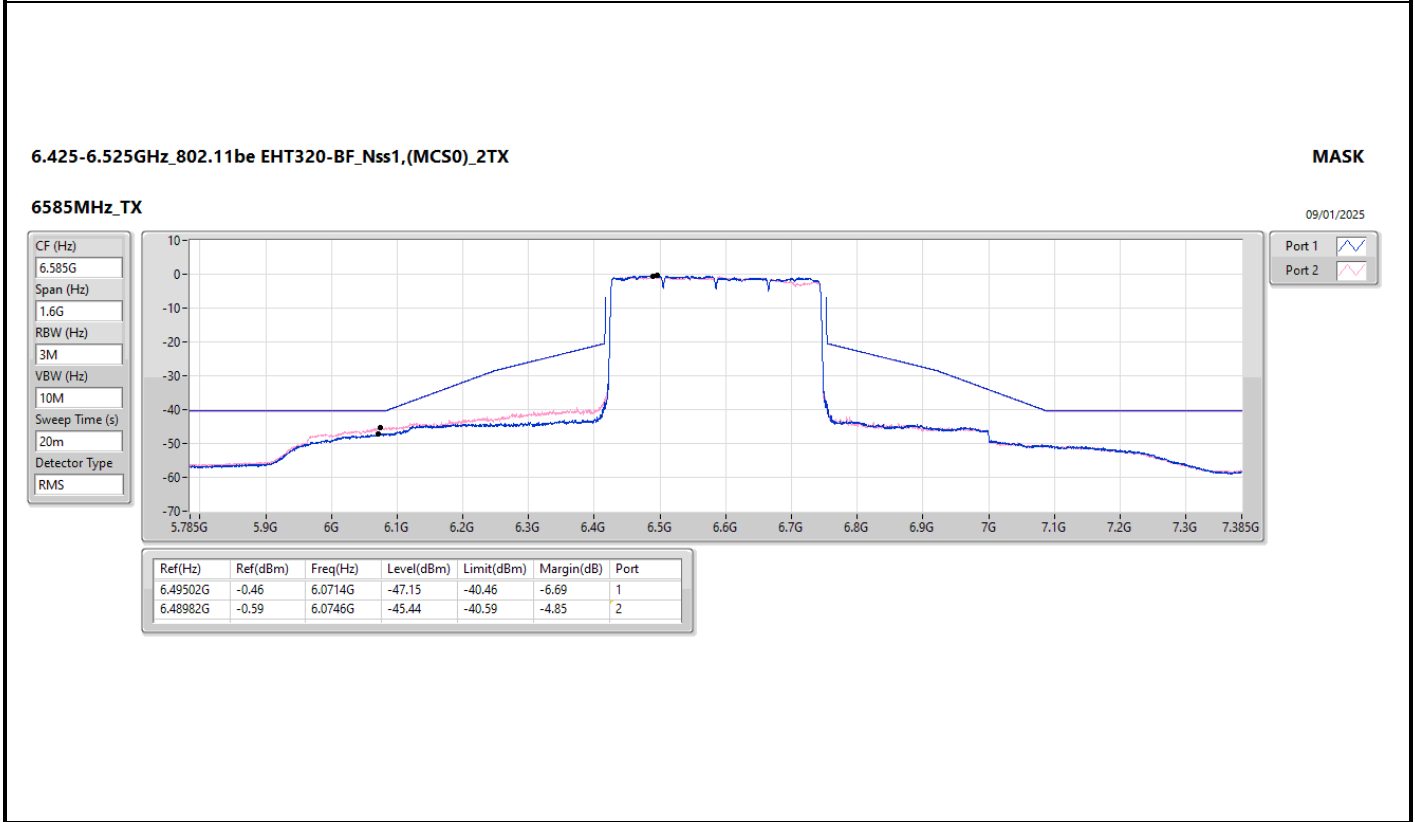
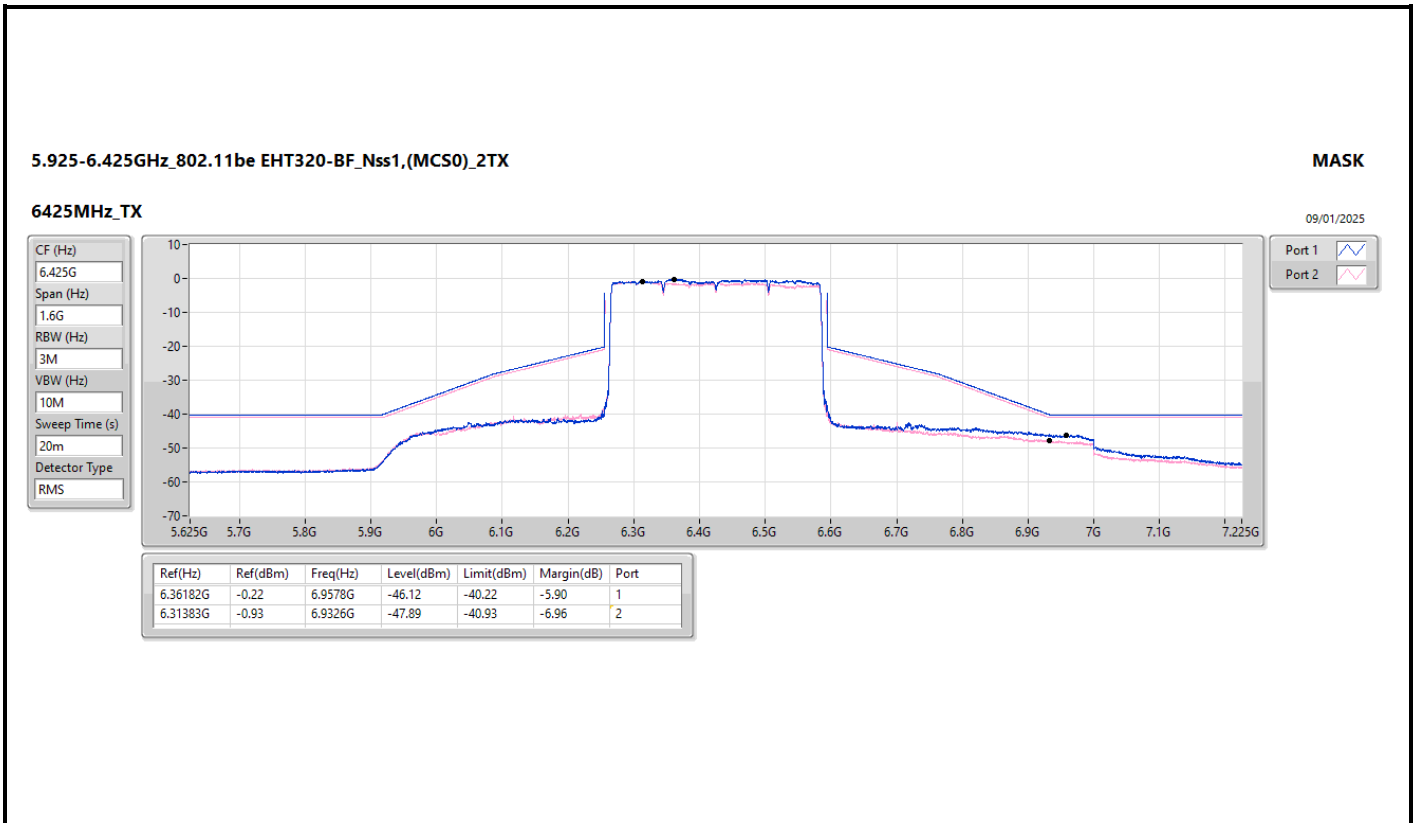
Port 1

Port 2

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











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 Result

Appendix F

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



Contention-Based Protocol Result

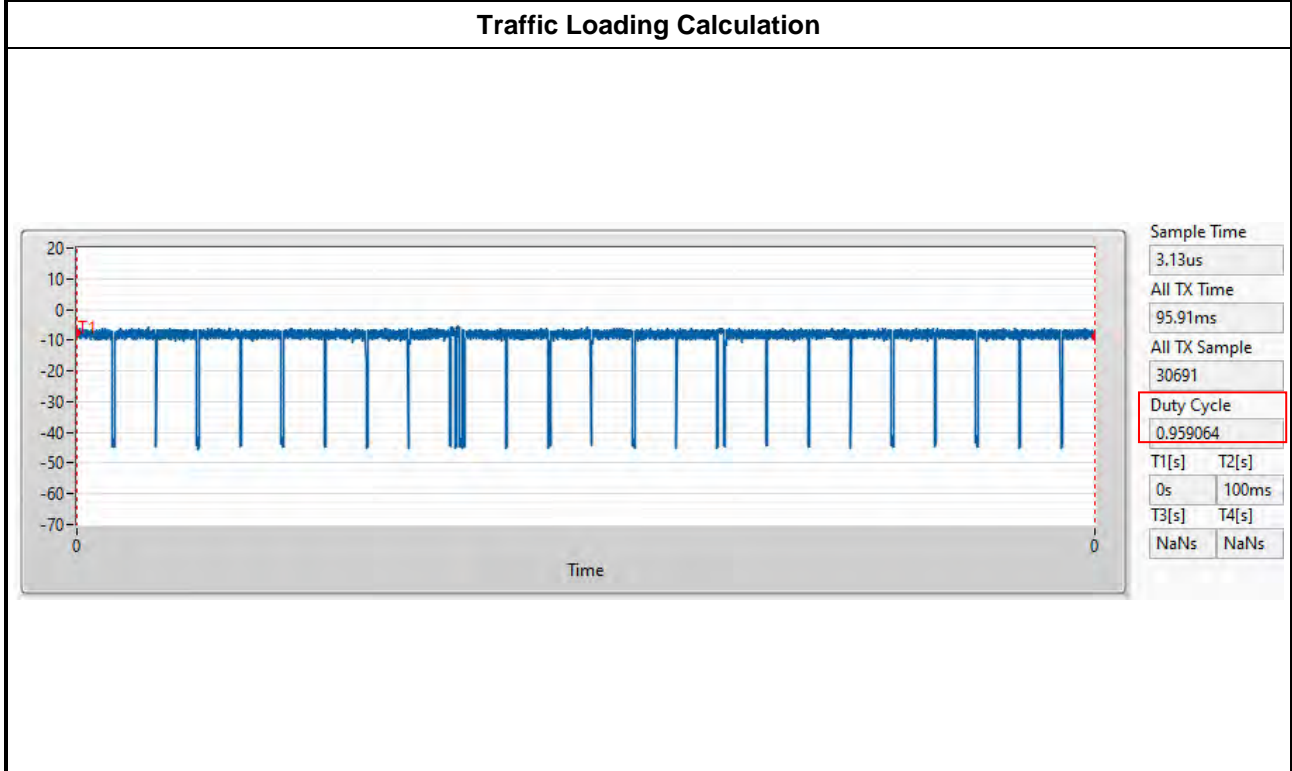
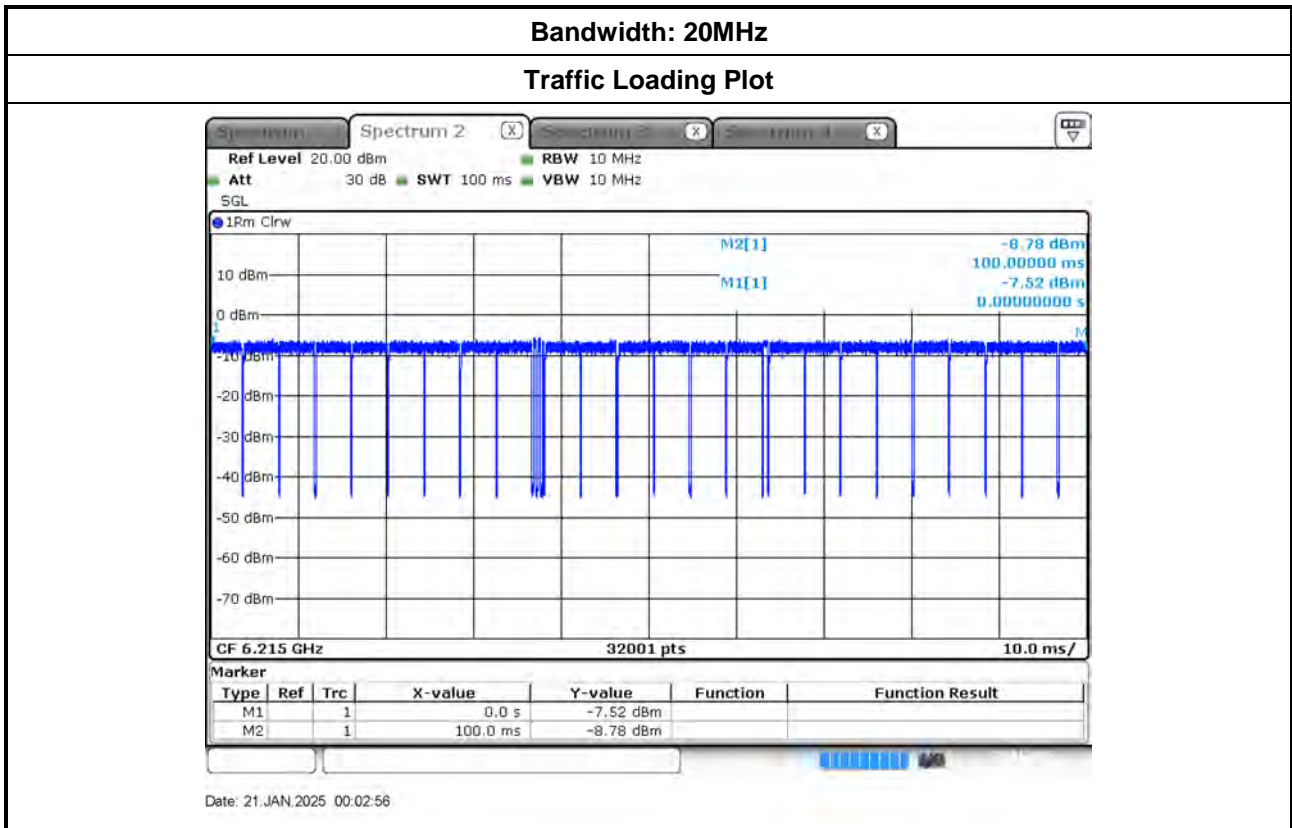
Appendix F

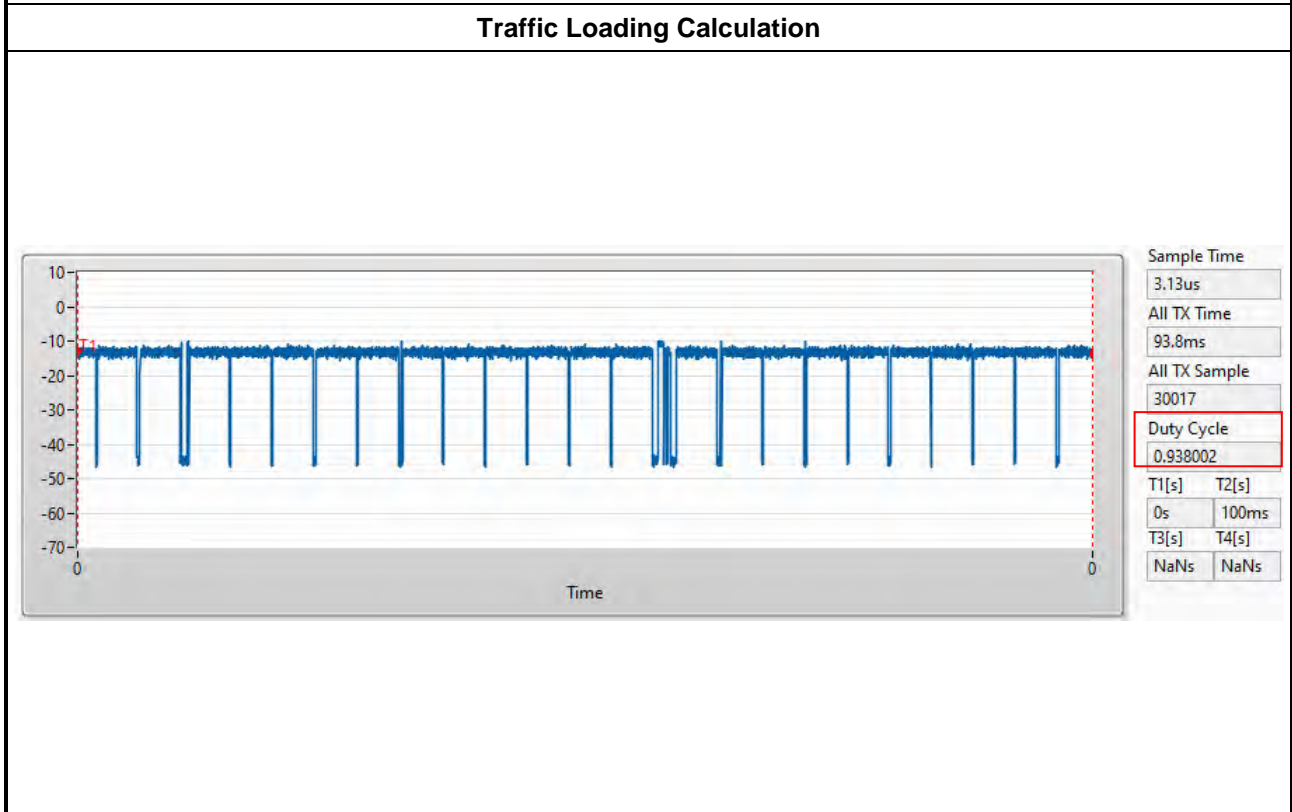
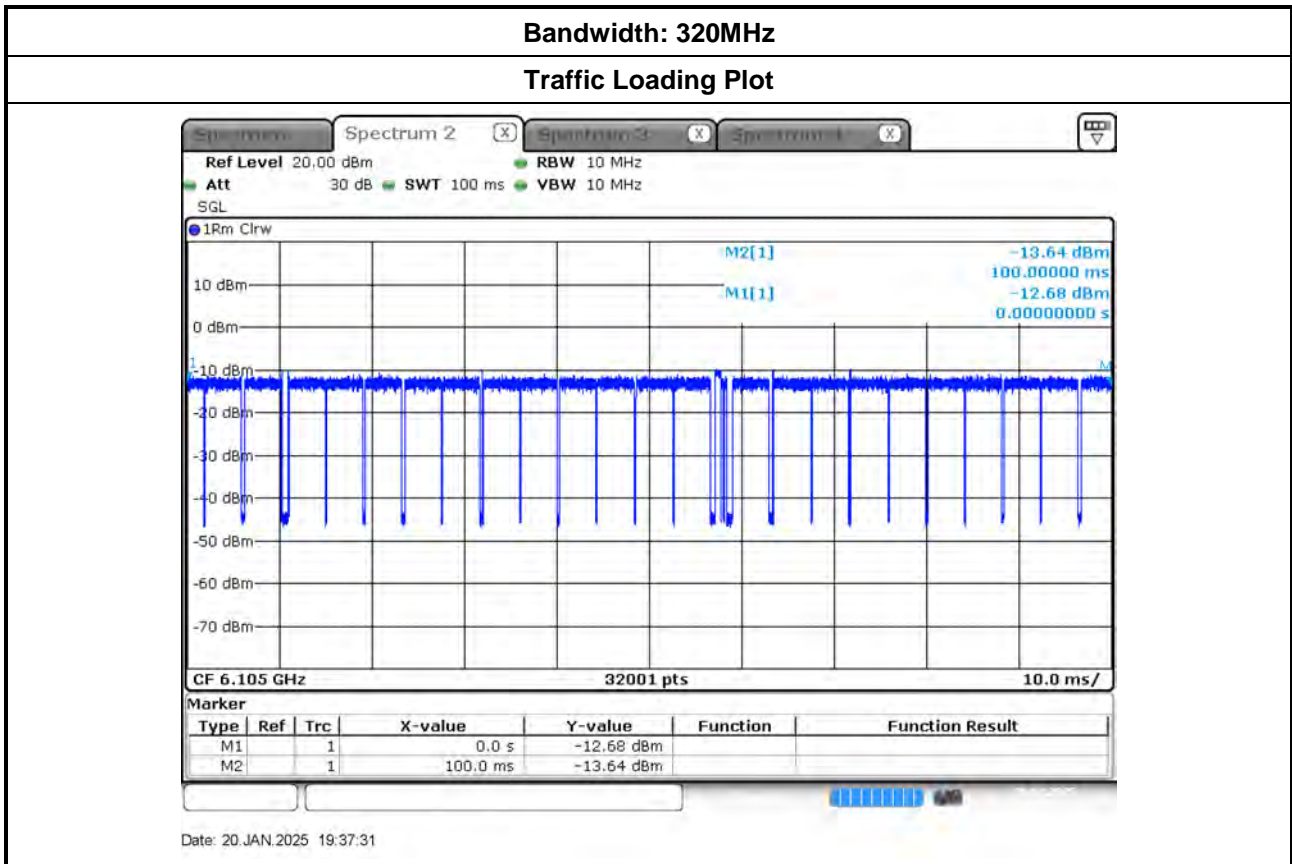
7/8	191	320	6905	Low edge	6750	OFF	-63.80	4.20	-68.02	≤ -62
						Minimal	-64.80	4.20	-69.00	≤ -62
						ON	-77.80	4.20	-82.00	≤ -62
				Center	6905	OFF	-64.80	4.20	-69.04	≤ -62
						Minimal	-65.80	4.20	-70.00	≤ -62
						ON	-77.80	4.20	-82.00	≤ -62
				High edge	7060	OFF	-61.80	4.20	-66.03	≤ -62
	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

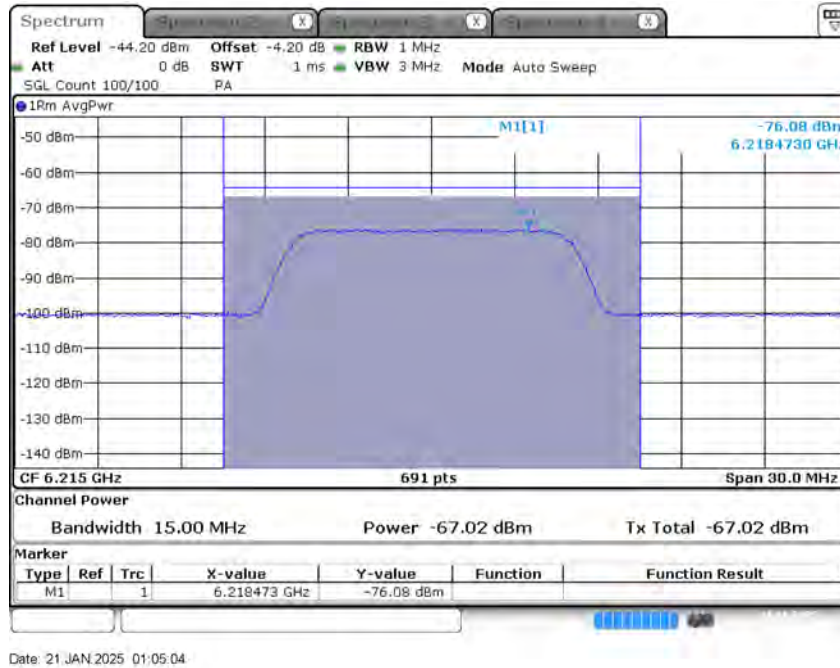




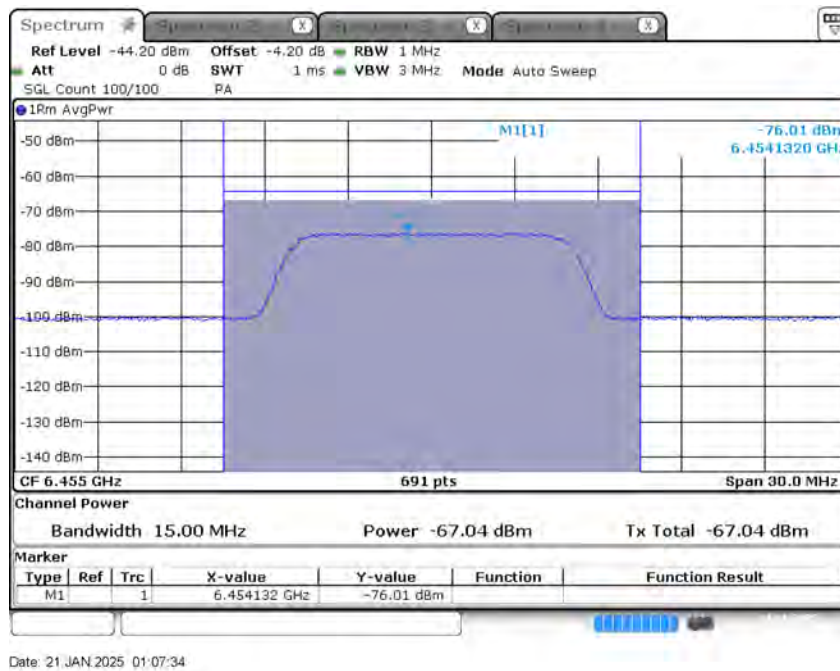
Incumbent signal (AWGN) Plot

Bandwidth: 20MHz

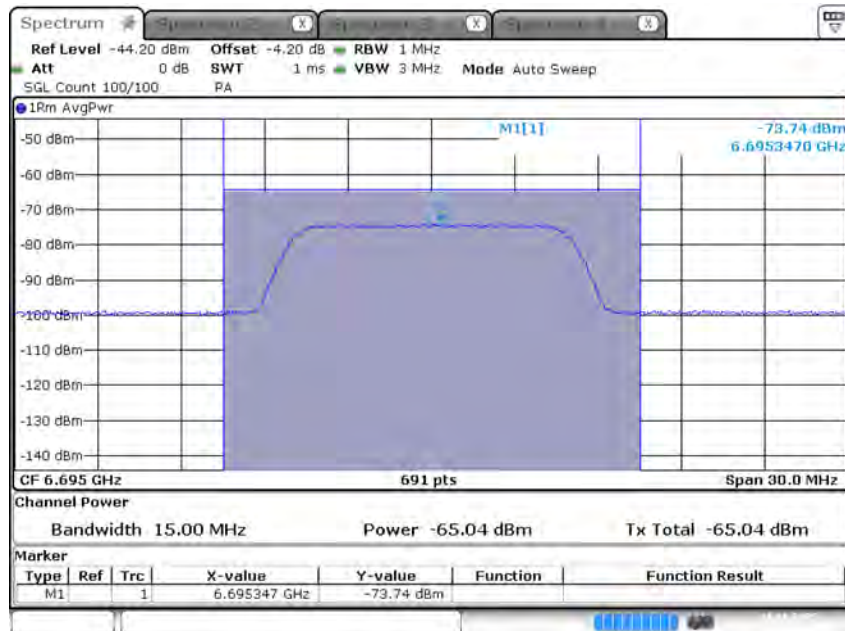
Frequency (MHz): 6215 MHz



Frequency (MHz): 6455 MHz

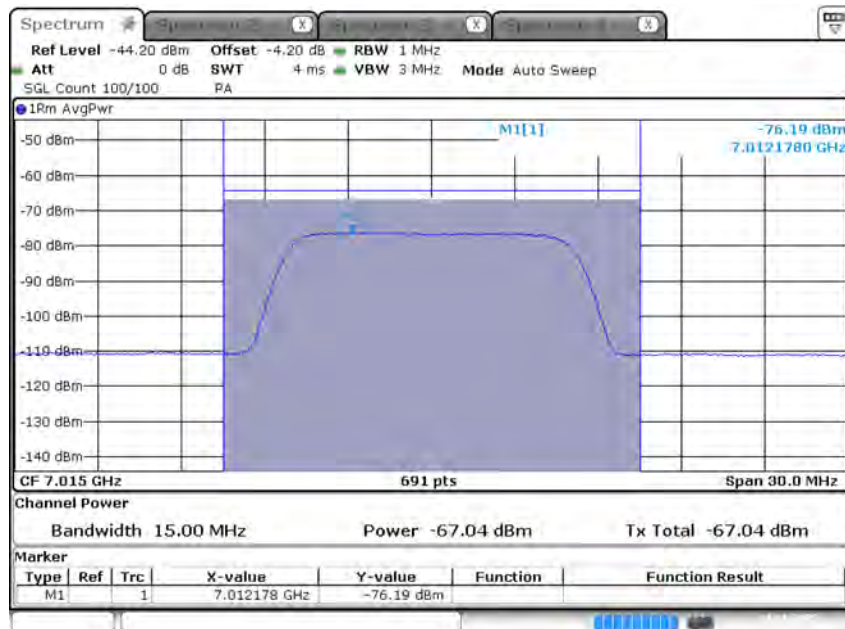


Frequency (MHz): 6695 MHz

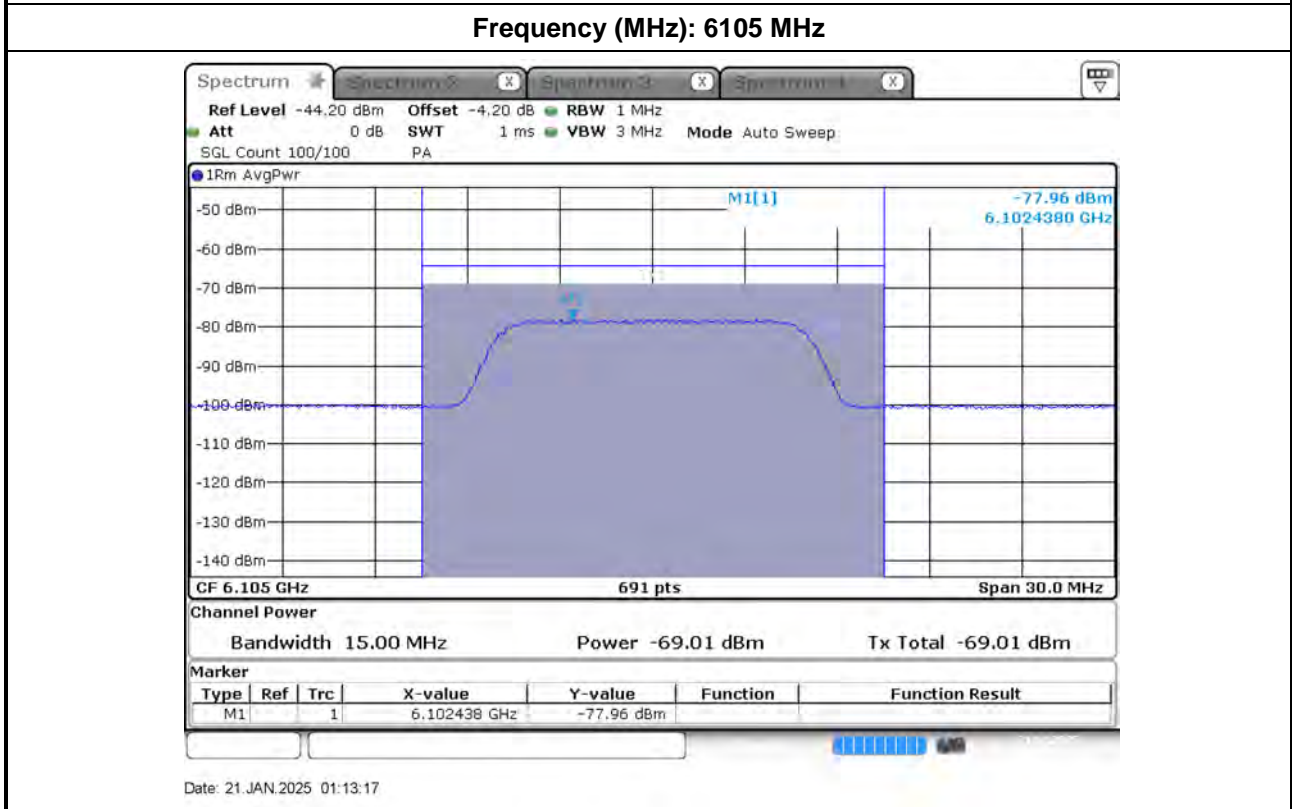
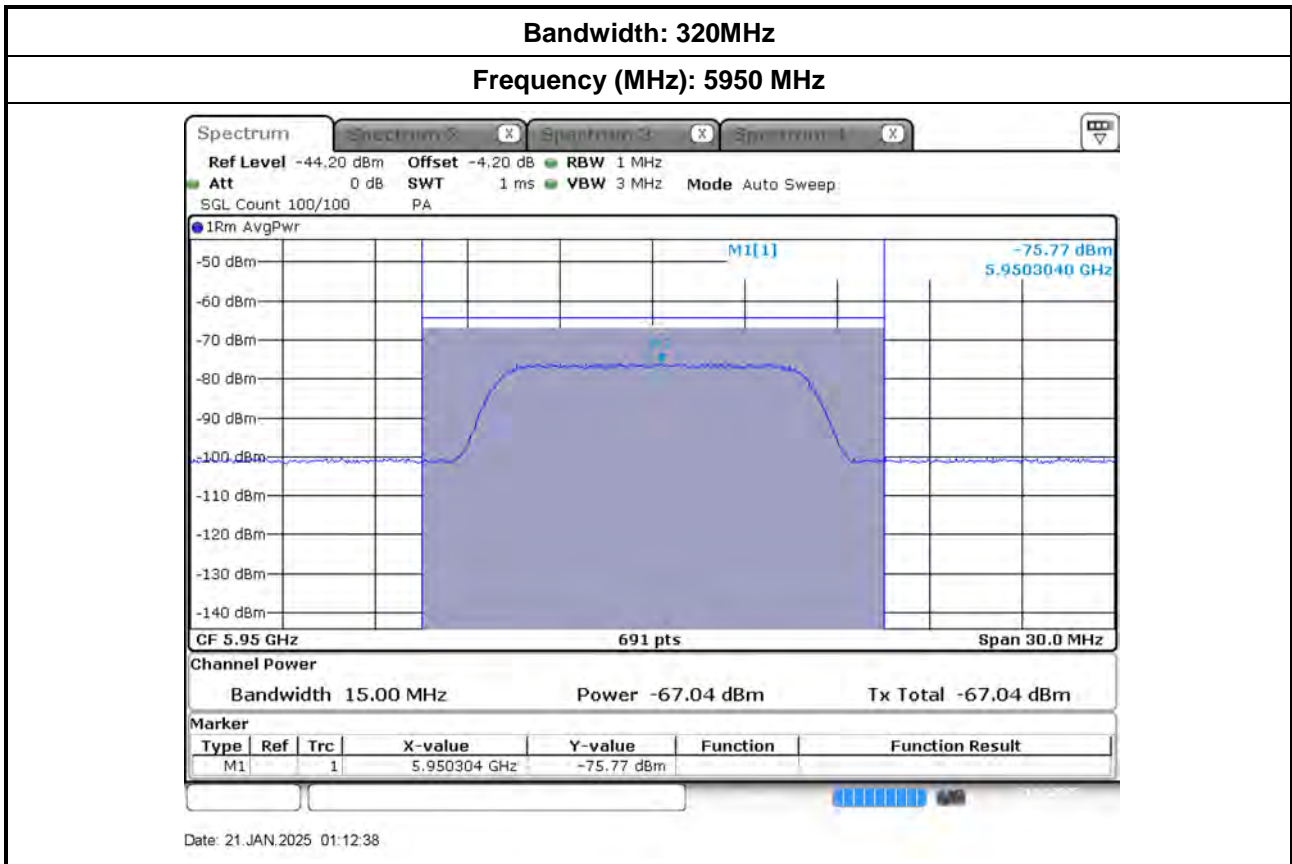


Date: 21 JAN 2025 01:08:48

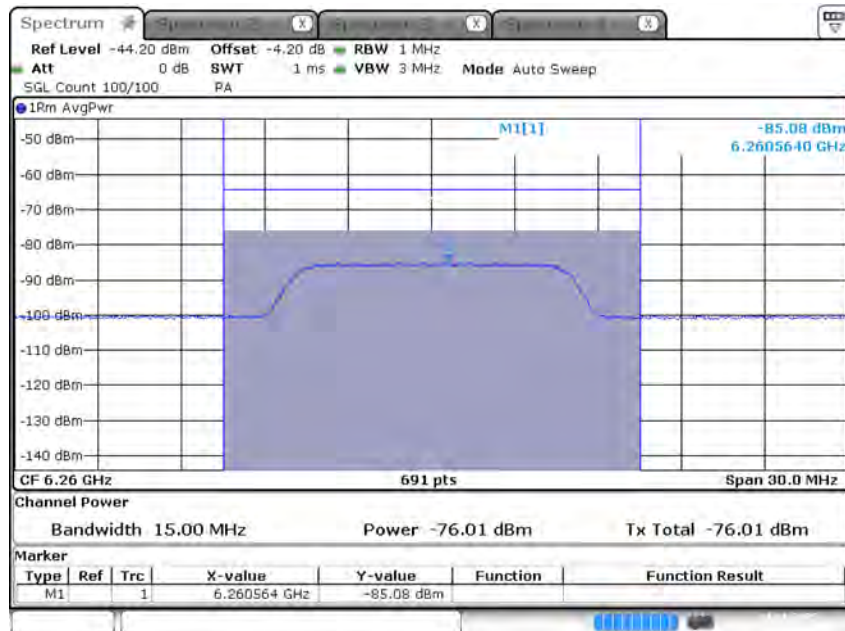
Frequency (MHz): 7015 MHz



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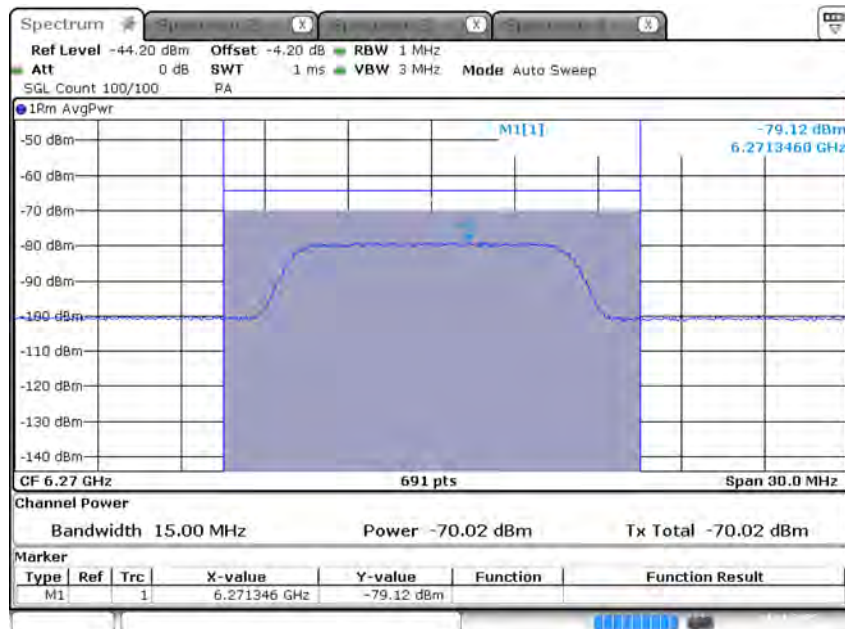


Frequency (MHz): 6260 MHz



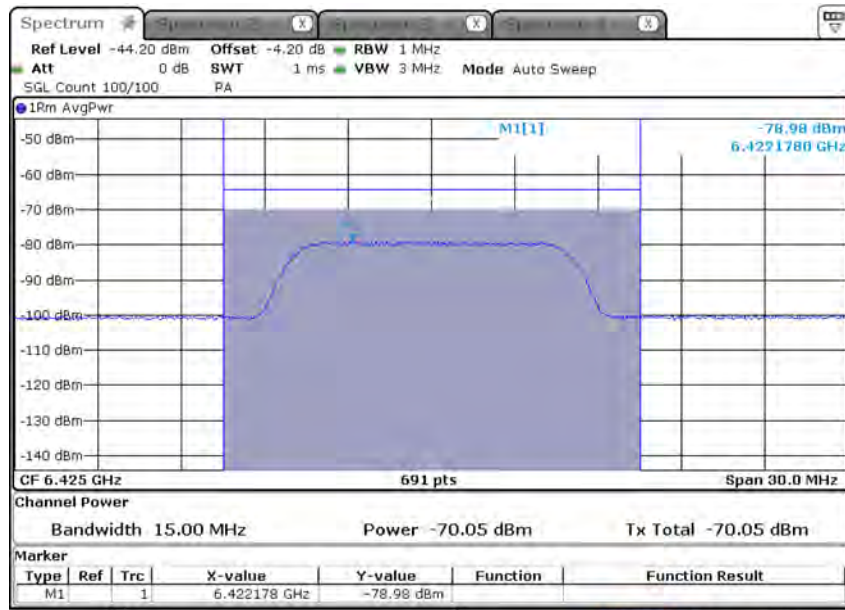
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Frequency (MHz): 6270 MHz



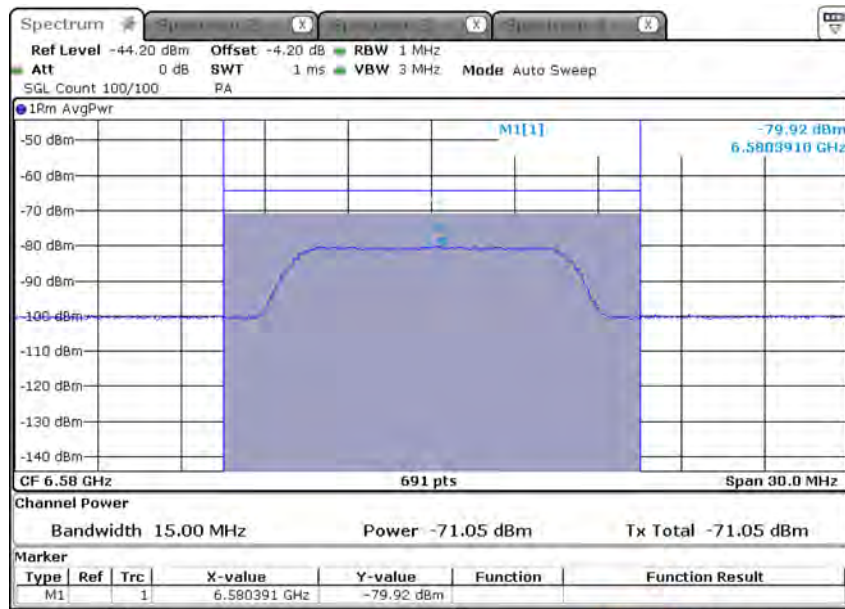
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Frequency (MHz): 6425 MHz



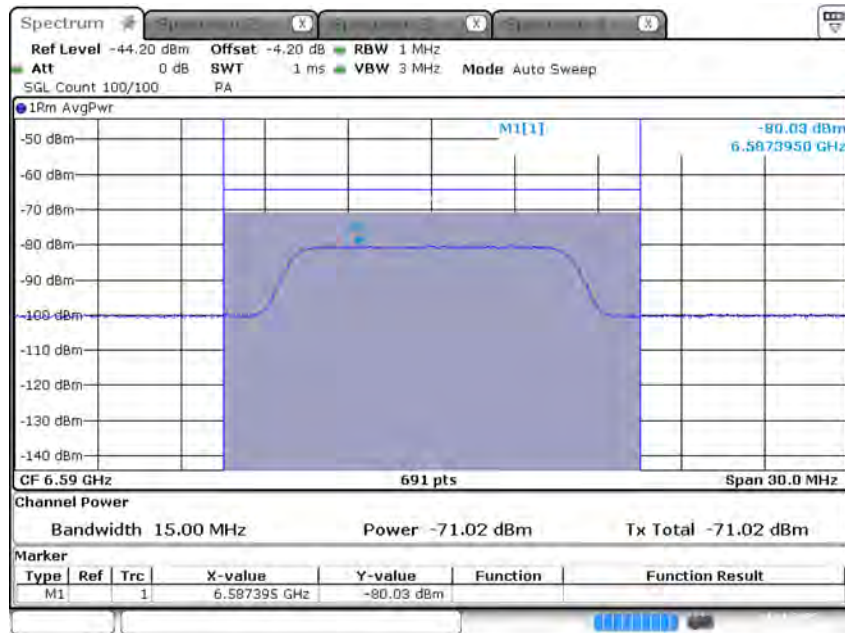
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Frequency (MHz): 6580 MHz



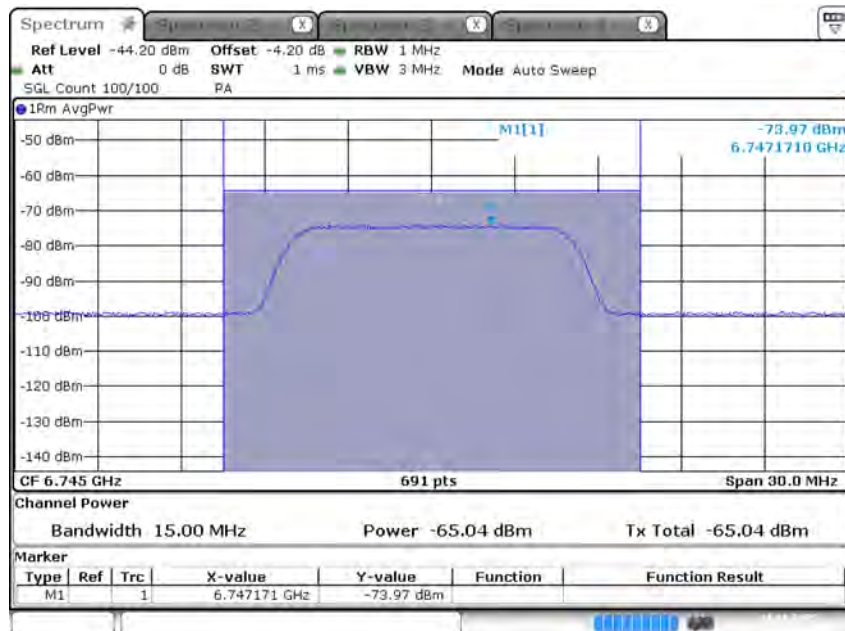
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Frequency (MHz): 6590 MHz



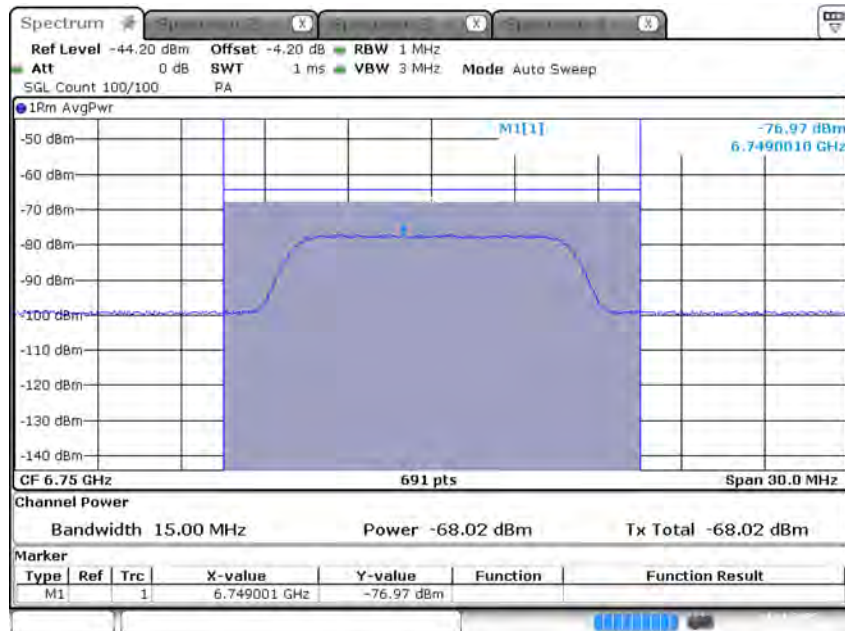
Date: 21 JAN 2025 01:18:39

Frequency (MHz): 6745 MHz



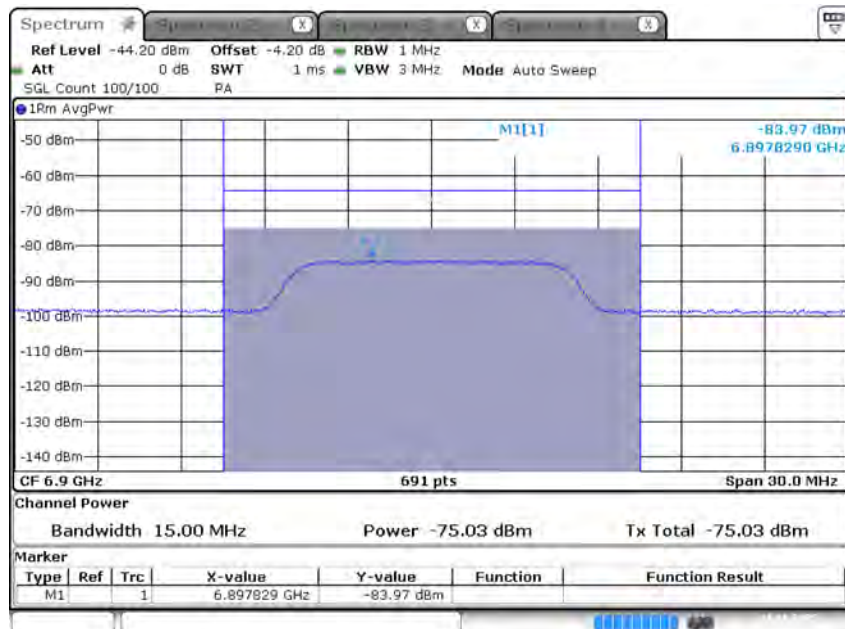
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Frequency (MHz): 6750 MHz



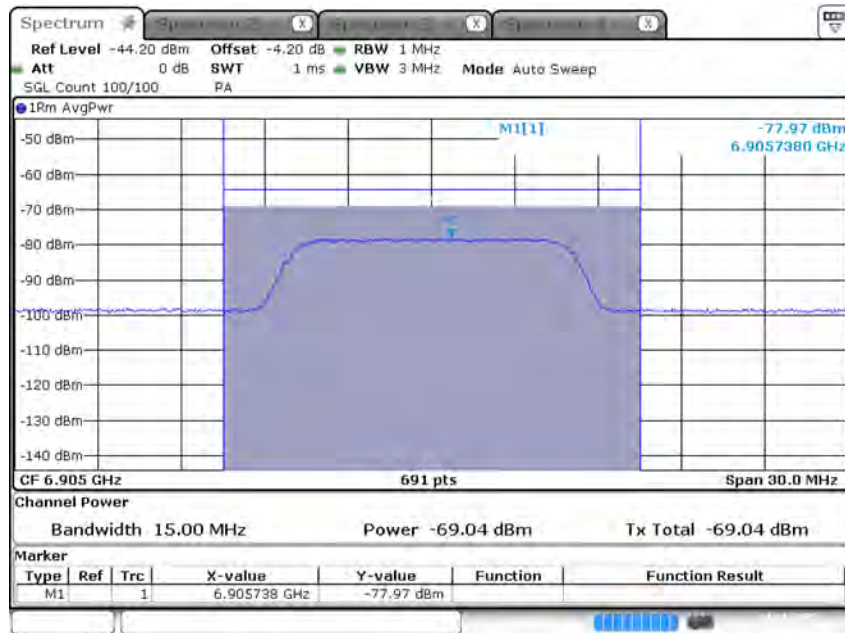
Date: 21 JAN 2025 01:22:12

Frequency (MHz): 6900 MHz



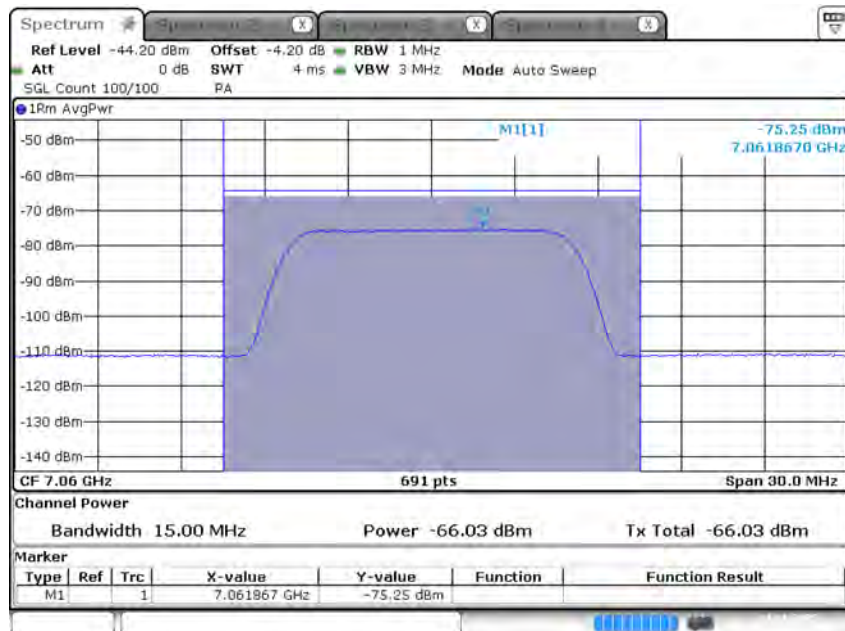
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Frequency (MHz): 6905 MHz

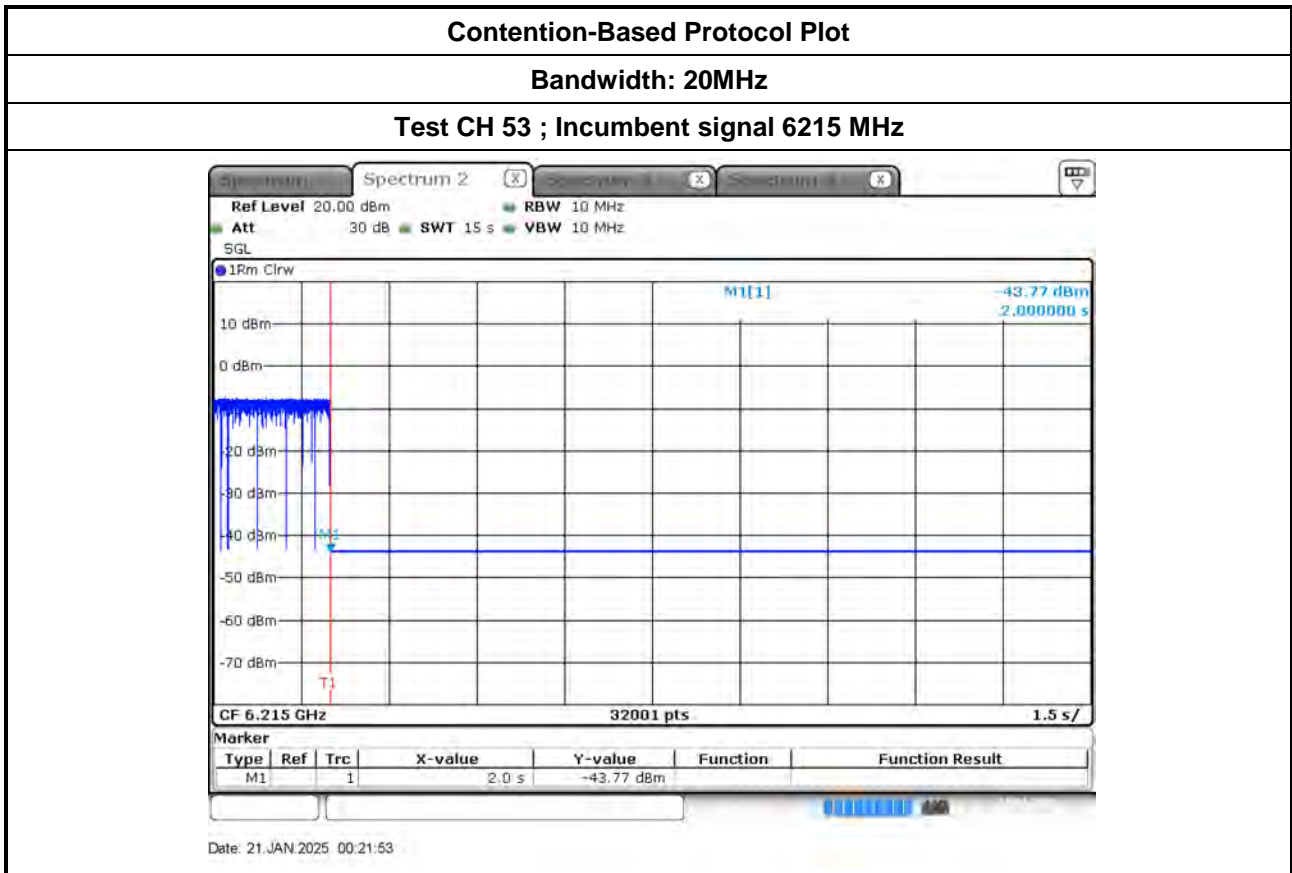


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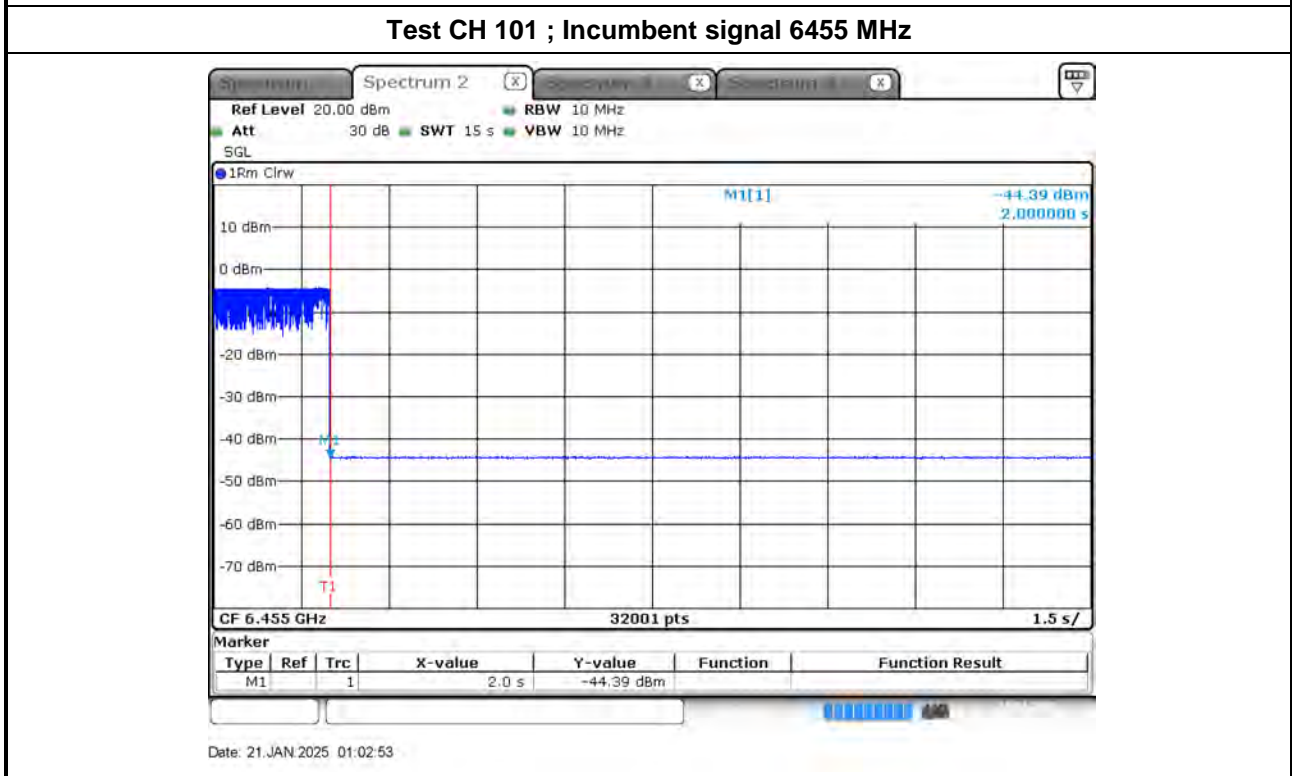
Frequency (MHz): 7060 MHz



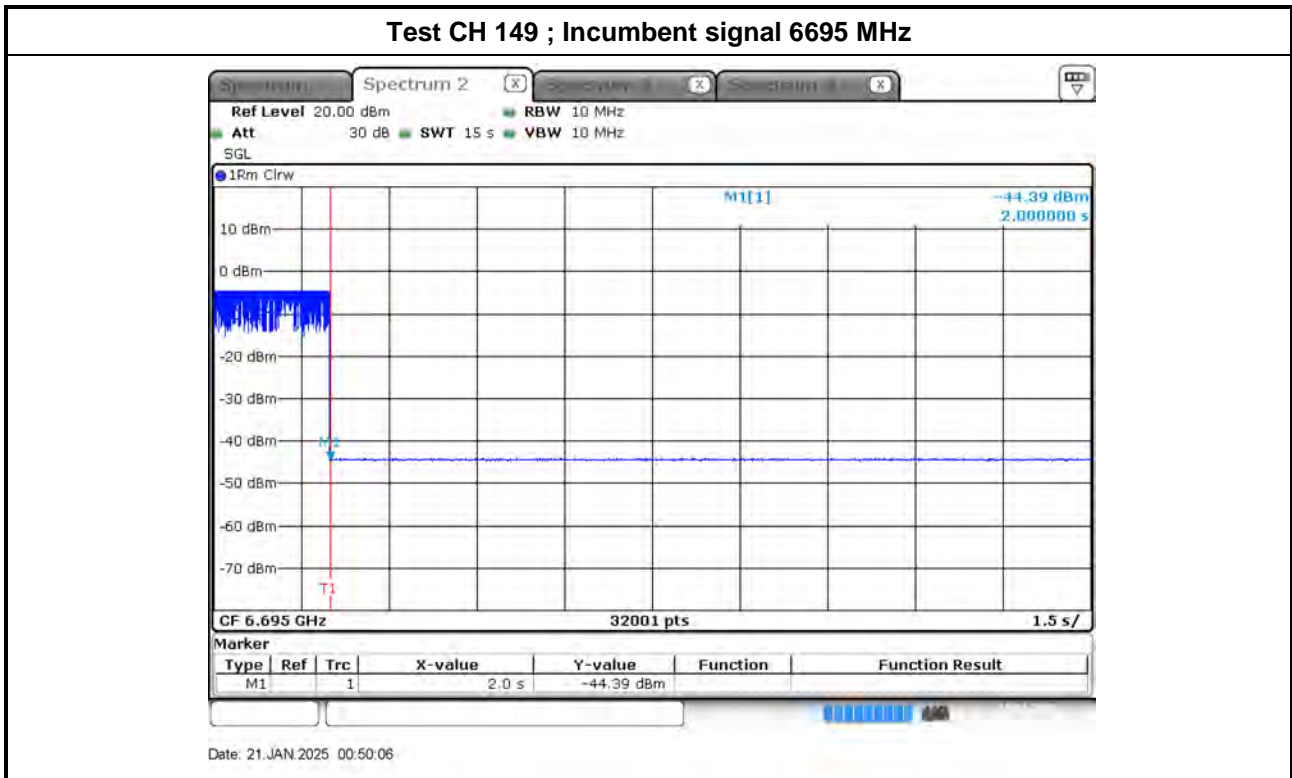
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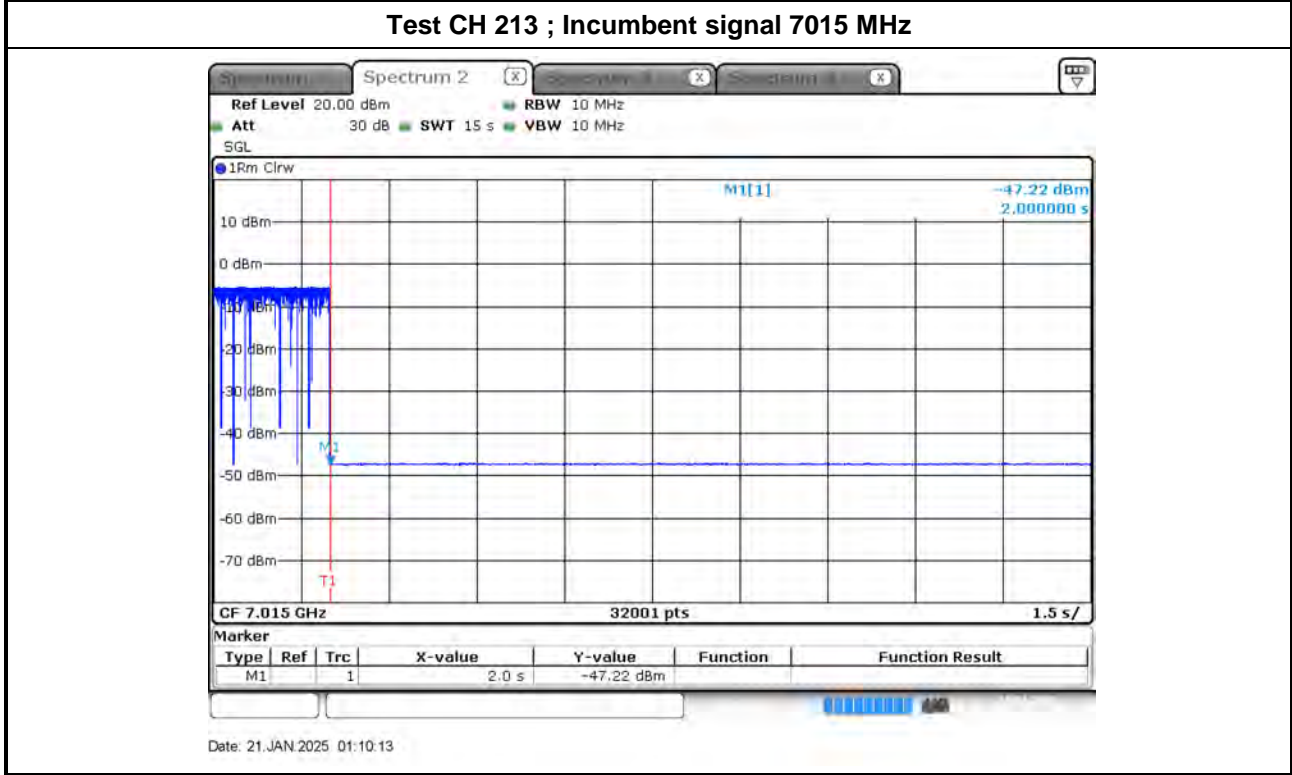
Note : M1 : Inject AWGN signal



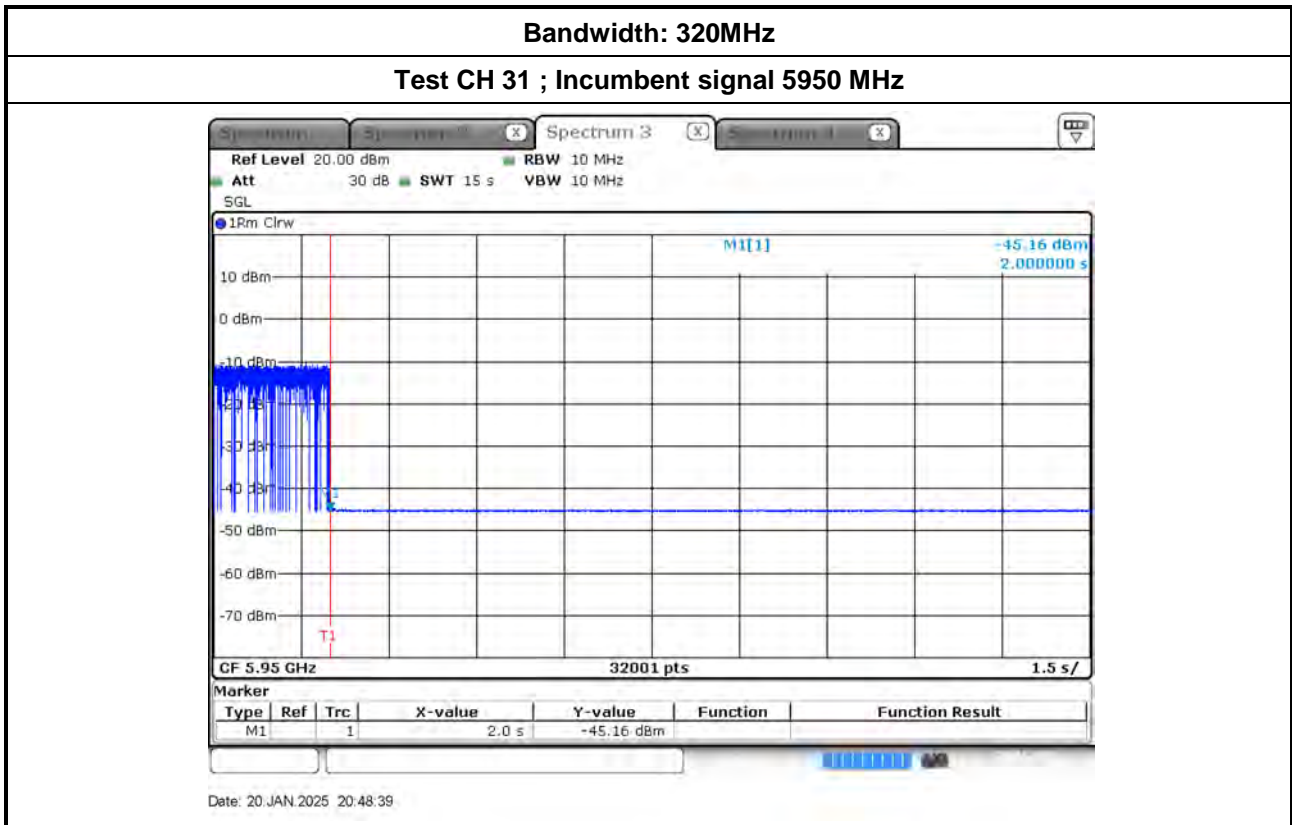
Note : M1 : Inject AWGN signal



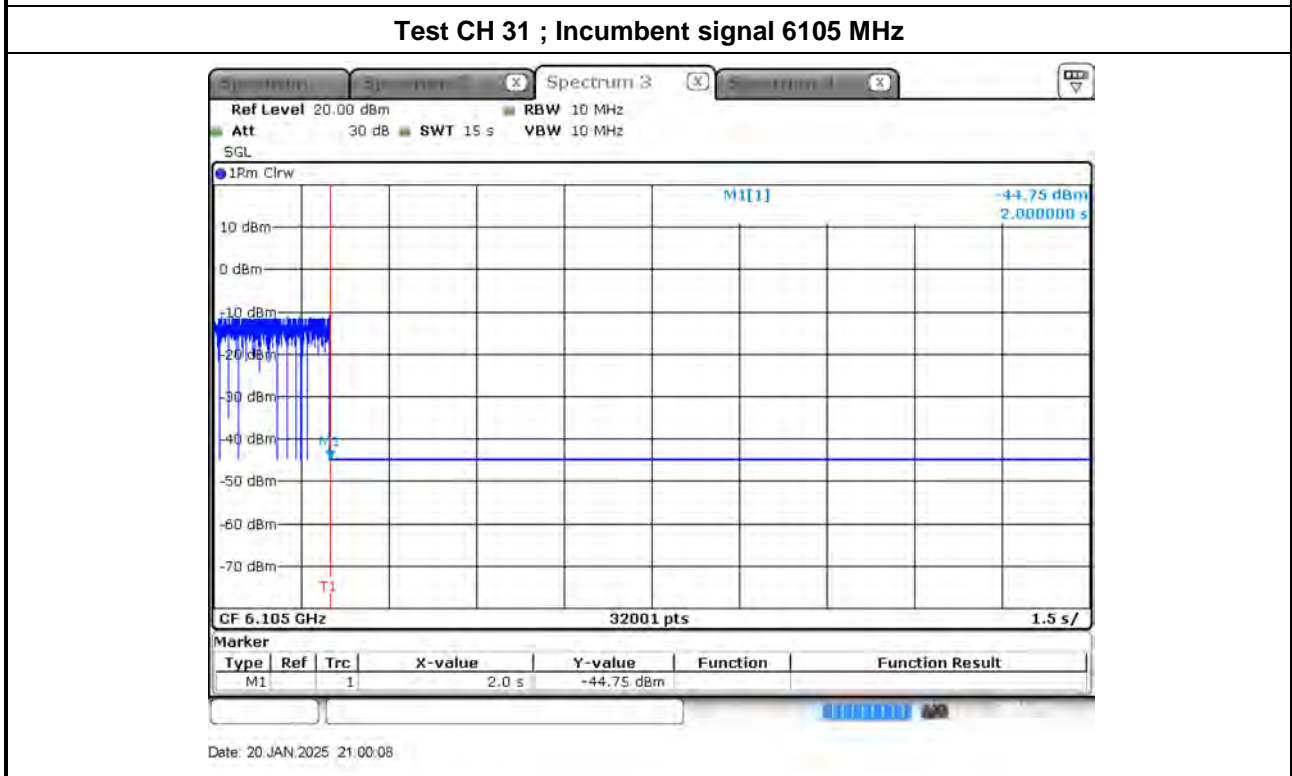
Note : M1 : Inject AWGN signal



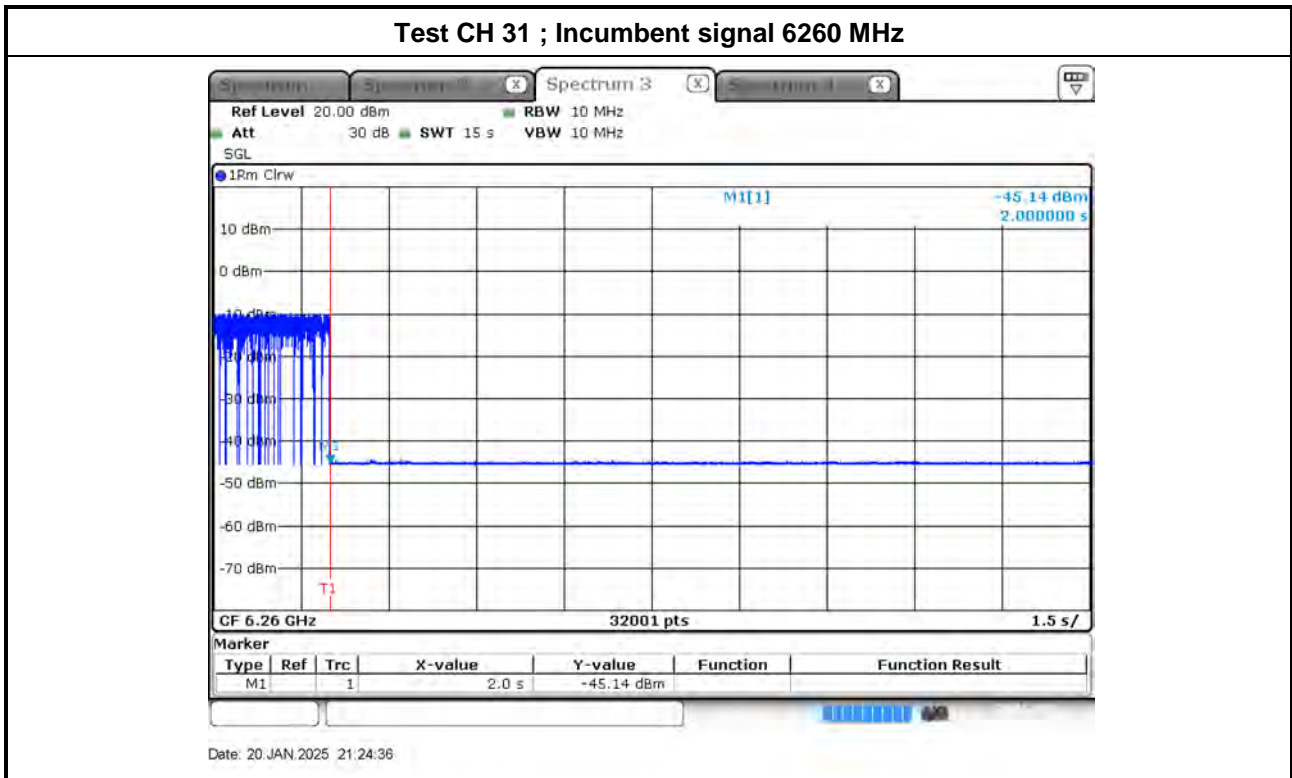
Note : M1 : Inject AWGN signal



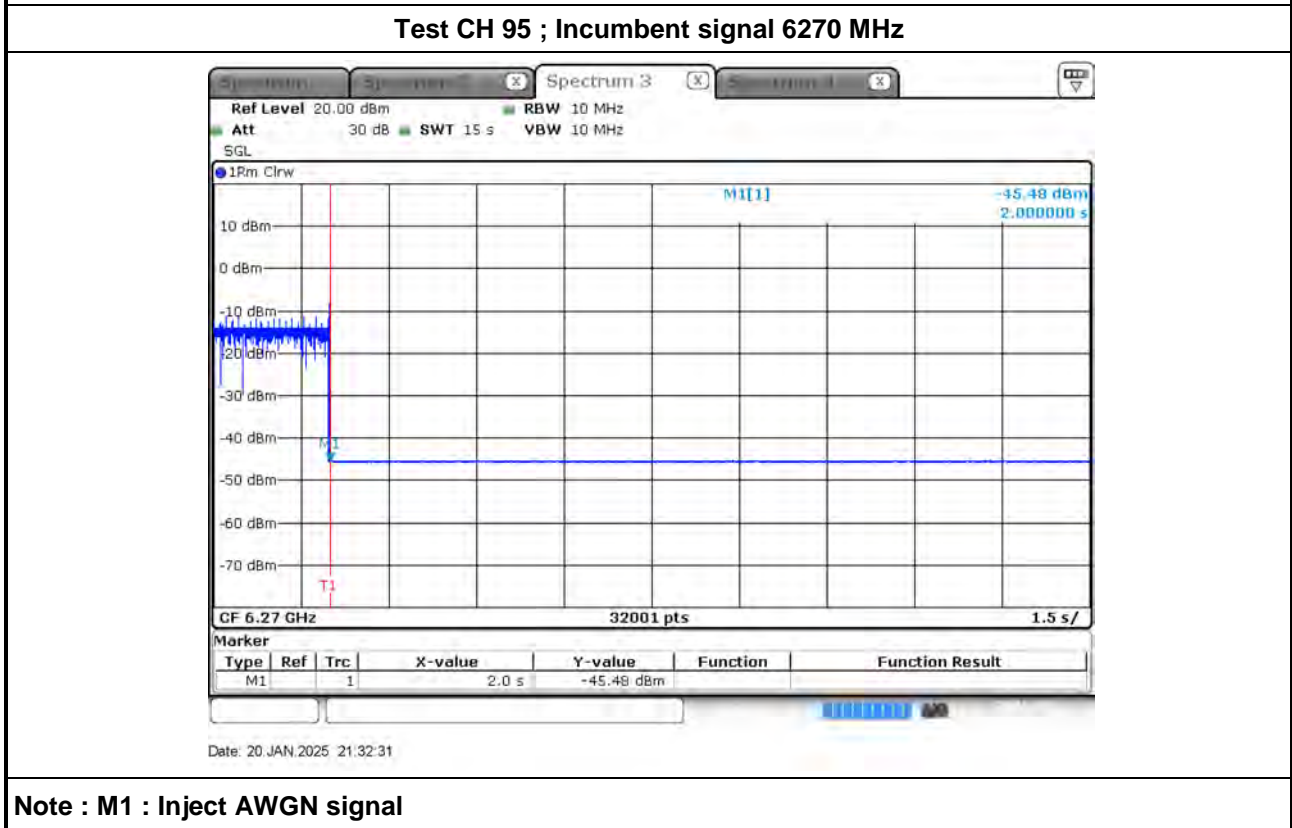
Note : M1 : Inject AWGN signal



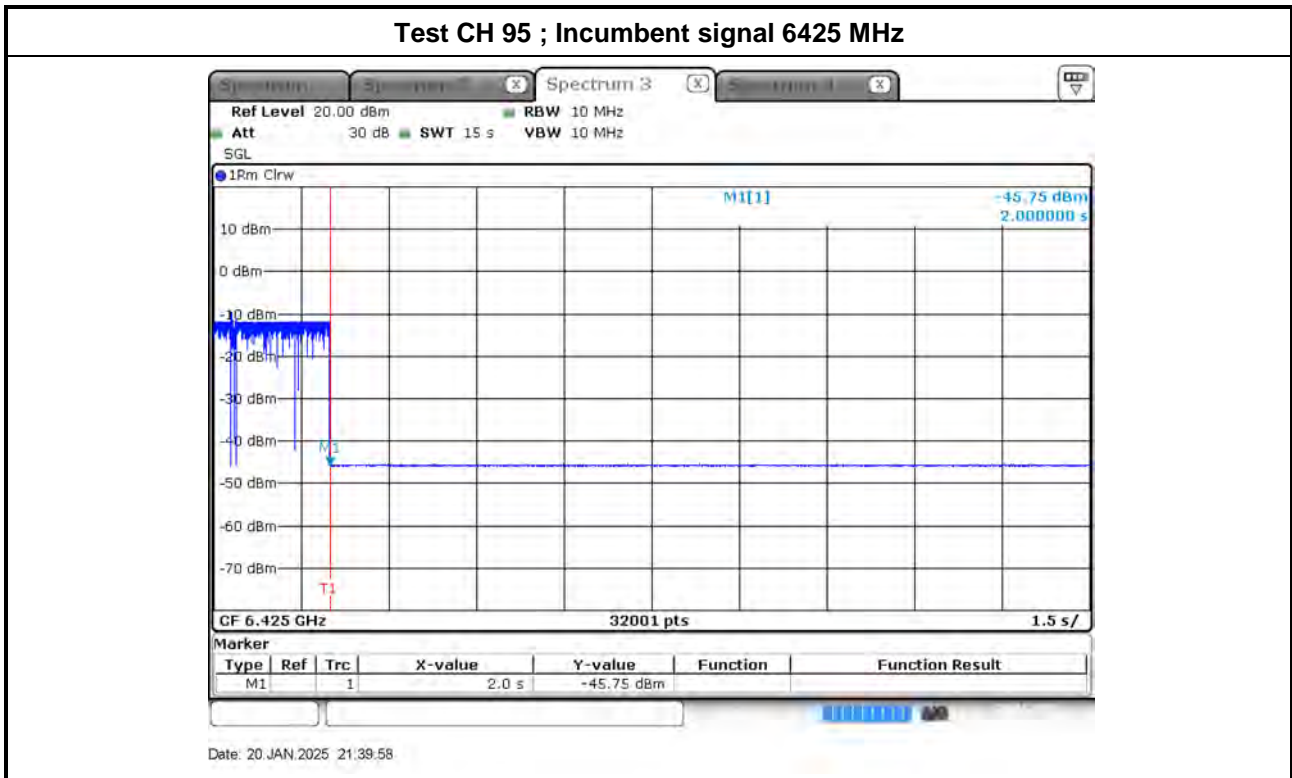
Note : M1 : Inject AWGN signal



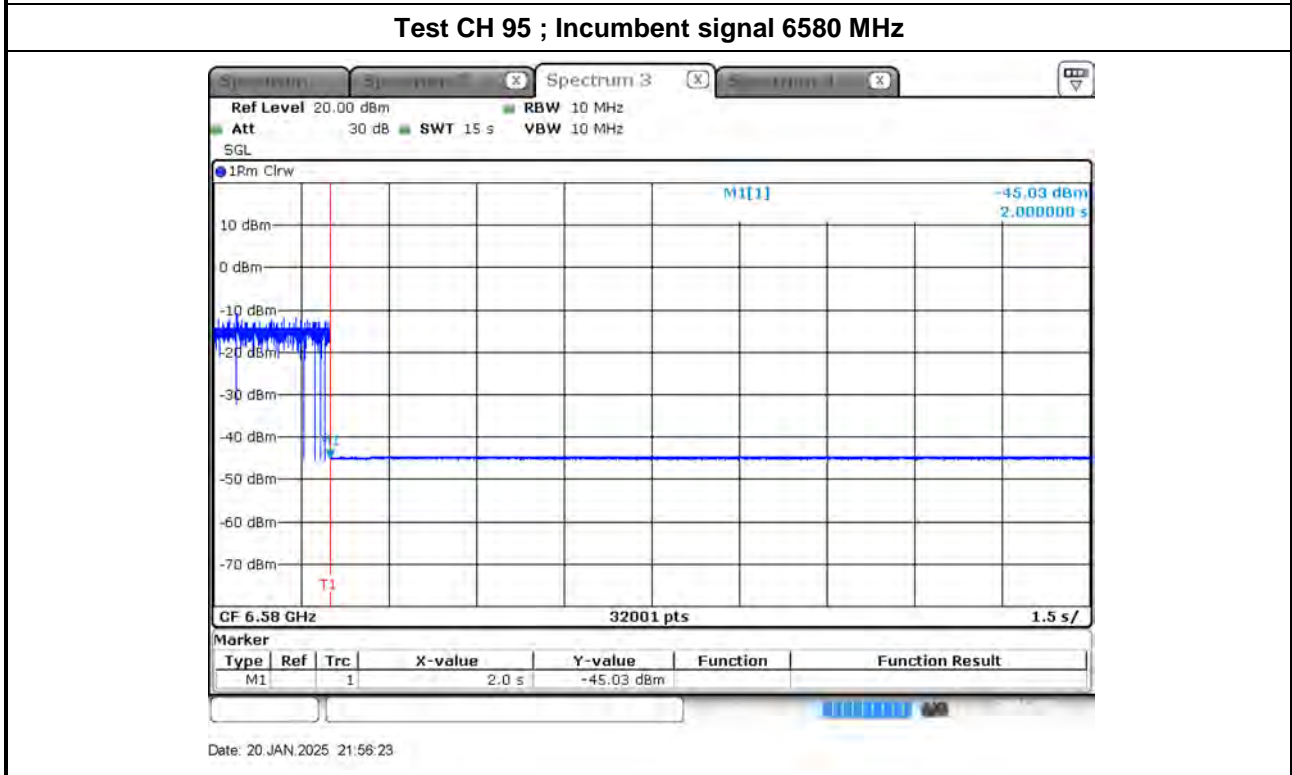
Note : M1 : Inject AWGN signal



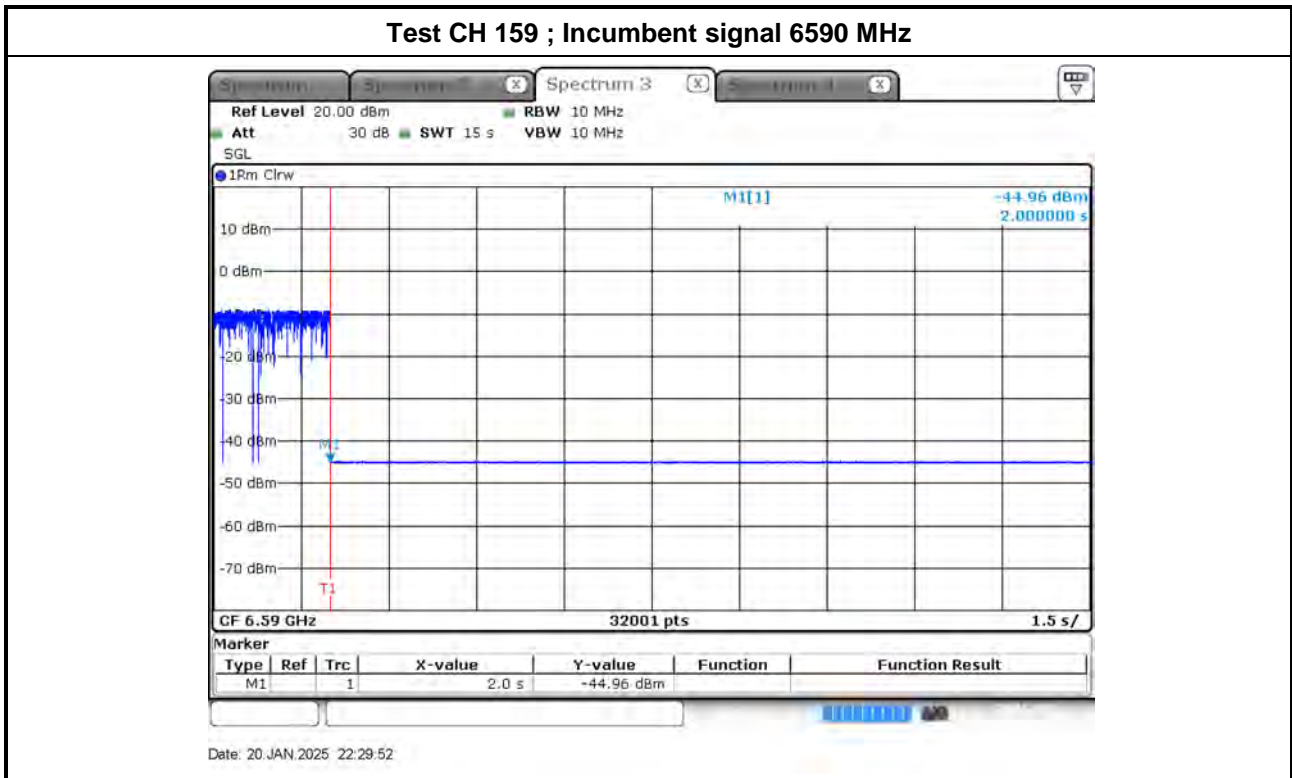
Note : M1 : Inject AWGN signal



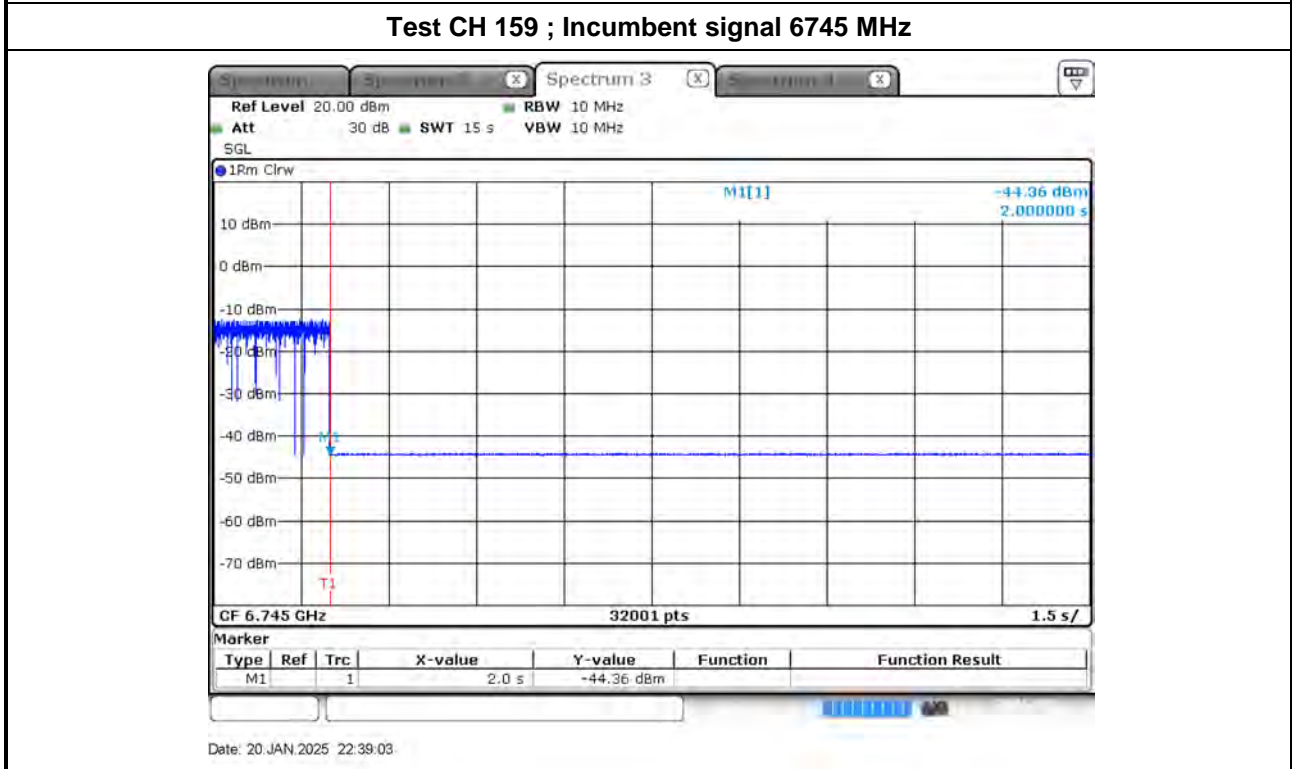
Note : M1 : Inject AWGN signal



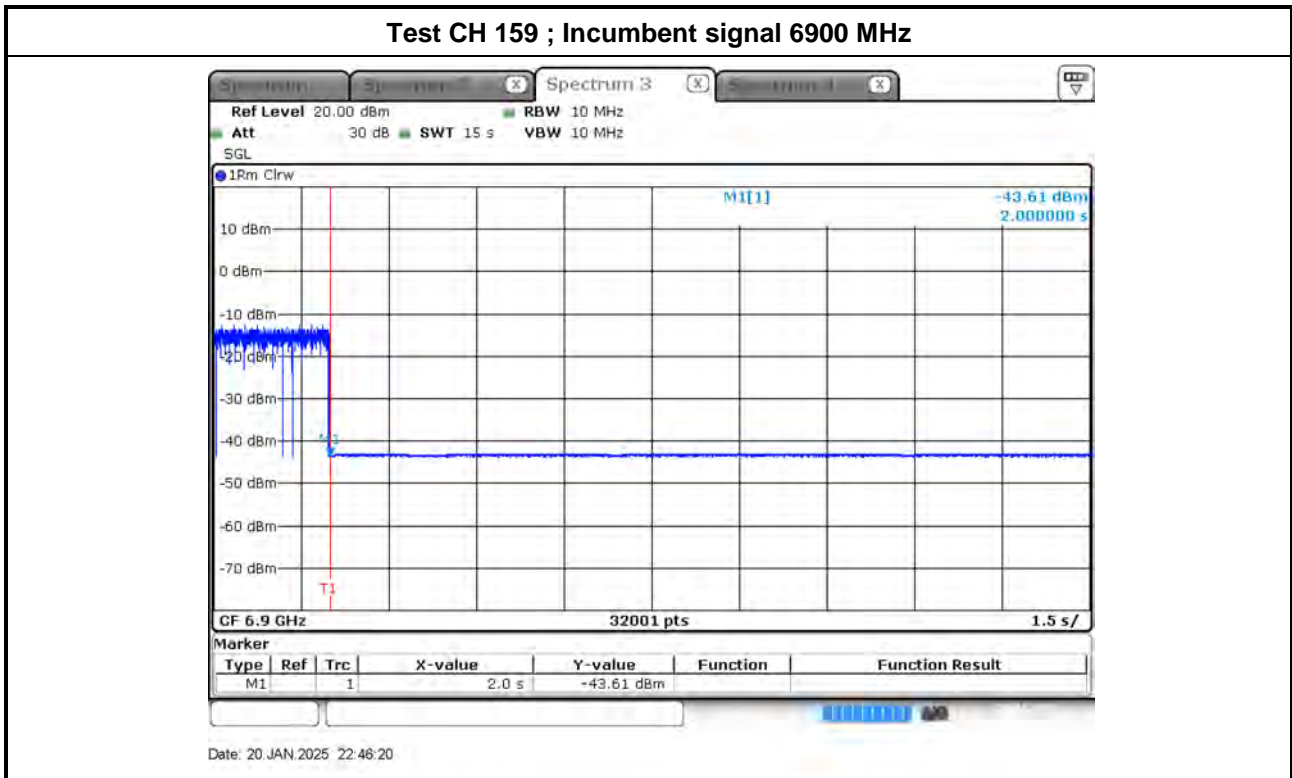
Note : M1 : Inject AWGN signal



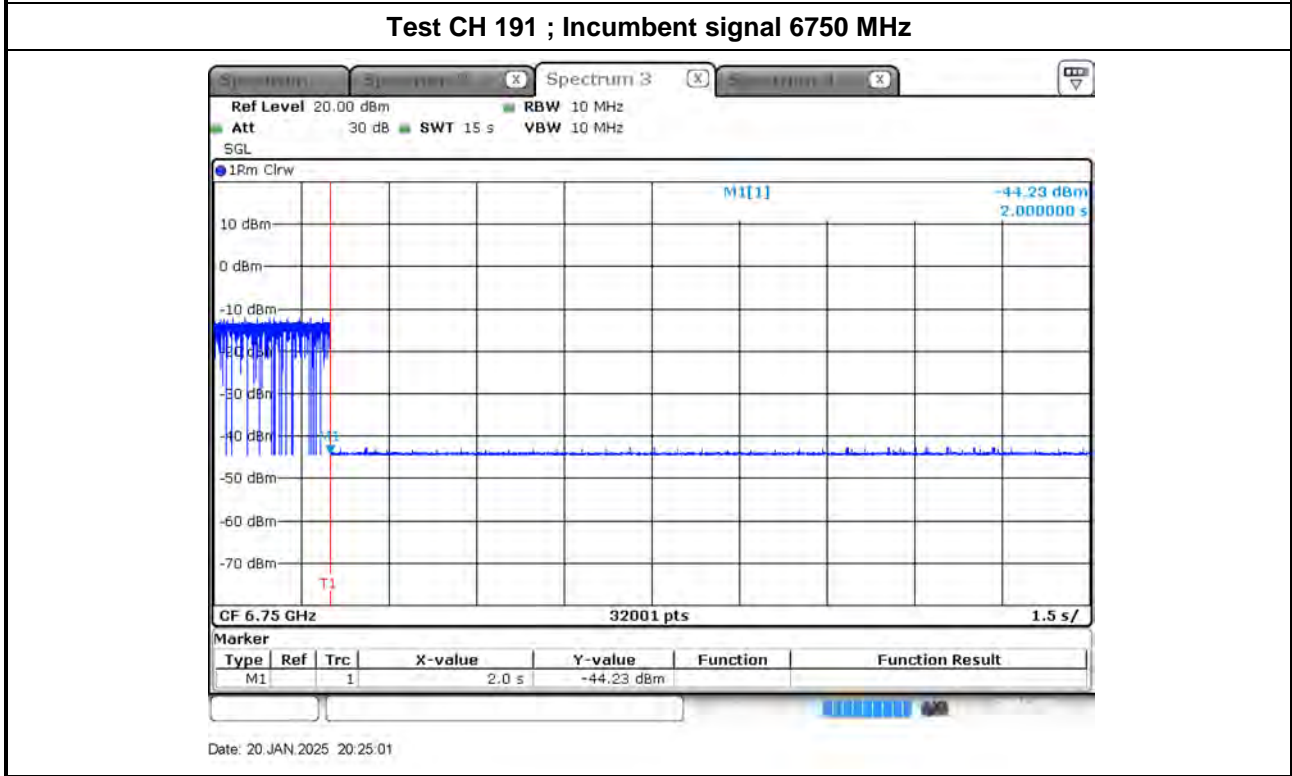
Note : M1 : Inject AWGN signal



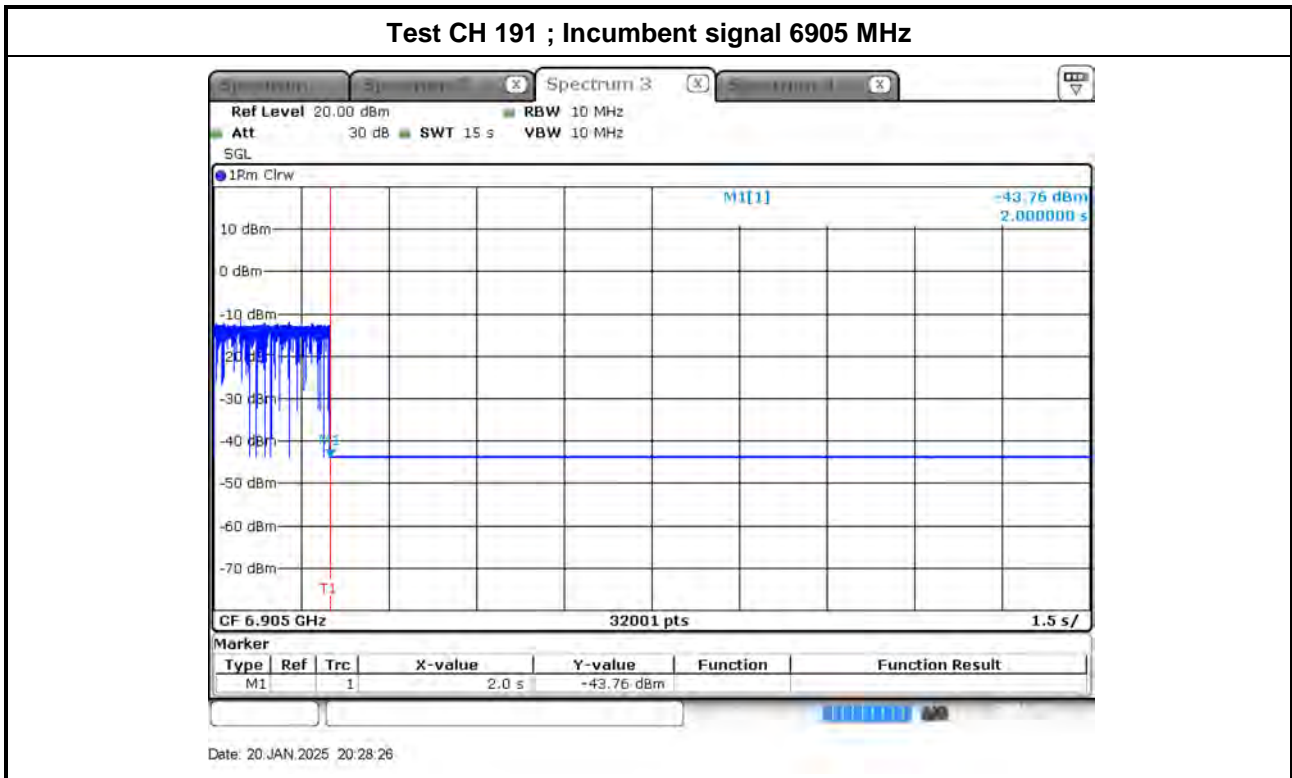
Note : M1 : Inject AWGN signal



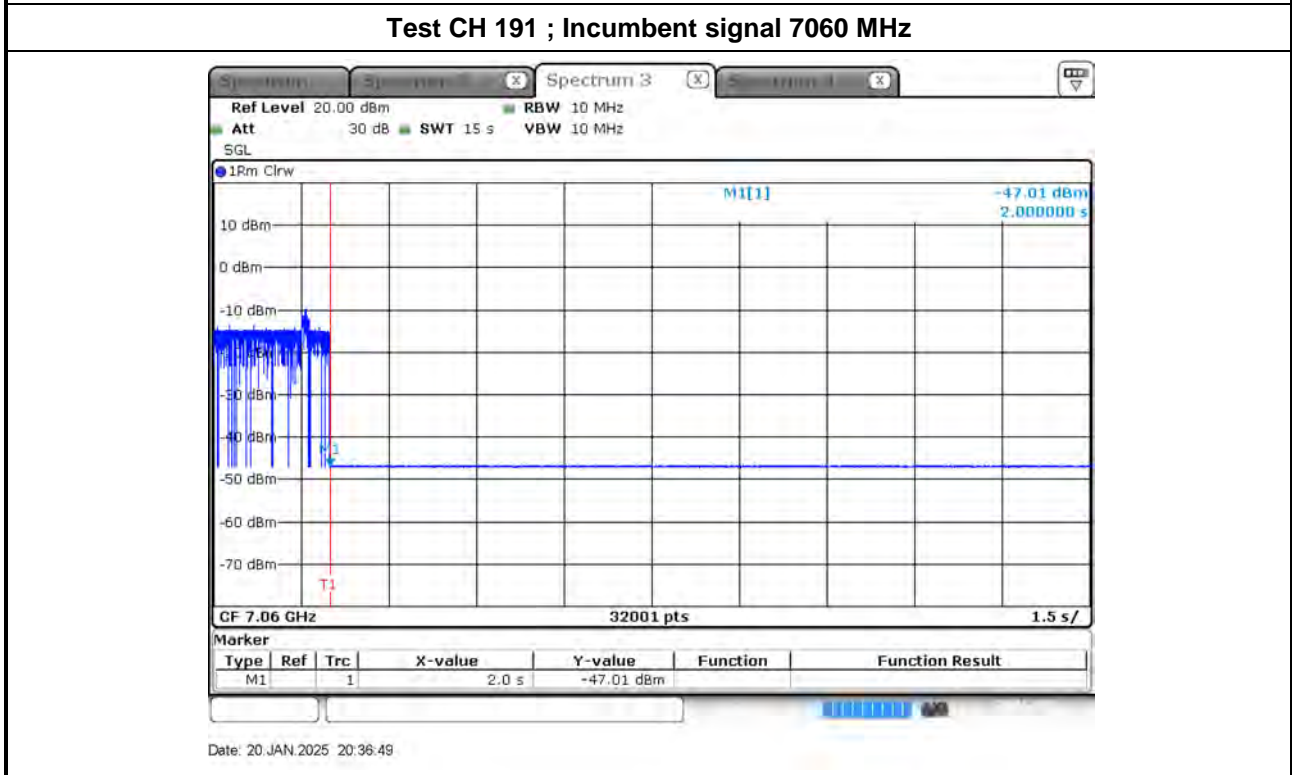
Note : M1 : Inject AWGN signal



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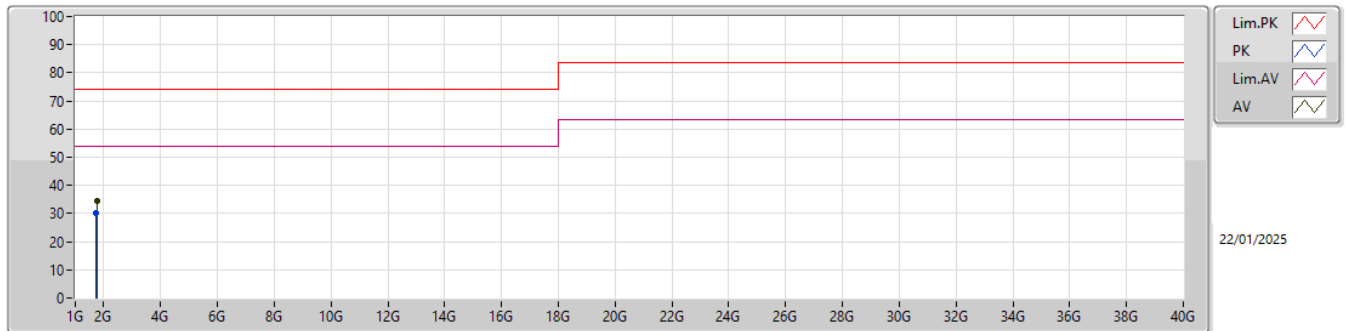
Note : M1 : Inject AWGN signal



Summary

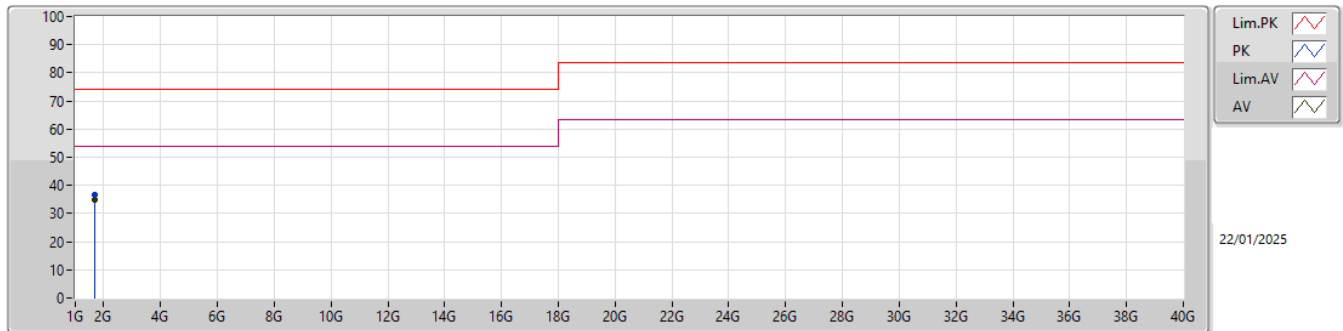
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.70178G	35.04	54.00	-18.96	Horizontal





Radiated Emissions above 1GHz_Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (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



Lim.PK 
 PK 
 Lim.AV 
 AV 

22/01/2025

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (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