



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	-74.36	3.64	-78.02	≤ -62
						Minimal	-75.36	3.64	-79.00	≤ -62
						ON	-78.36	3.64	-82.00	≤ -62
6	101	20	6455	Center	6455	OFF	-69.36	3.64	-73.06	≤ -62
						Minimal	-70.36	3.64	-74.00	≤ -62
						ON	-78.36	3.64	-82.00	≤ -62
7	149	20	6695	Center	6695	OFF	-72.36	3.64	-76.04	≤ -62
						Minimal	-73.36	3.64	-77.00	≤ -62
						ON	-78.36	3.64	-82.00	≤ -62
8	213	20	7015	Center	7015	OFF	-73.36	3.64	-77.01	≤ -62
						Minimal	-74.36	3.64	-78.00	≤ -62
						ON	-78.36	3.64	-82.00	≤ -62



**Contention-Based Protocol Result**

**Appendix F**

Contention Based Protocol Threshold Level 802.11ax HEW320										
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	-66.36	3.64	-70.05	≤ -62
						Minimal	-67.36	3.64	-71.00	≤ -62
						ON	-78.36	3.64	-82.00	≤ -62
				Center	6105	OFF	-70.36	3.64	-74.08	≤ -62
						Minimal	-71.36	3.64	-75.00	≤ -62
						ON	-78.36	3.64	-82.00	≤ -62
				High edge	6260	OFF	-69.36	3.64	-73.07	≤ -62
						Minimal	-70.36	3.64	-74.00	≤ -62
						ON	-78.36	3.64	-82.00	≤ -62
5/6/7	95	320	6425	Low edge	6270	OFF	-73.36	3.64	-77.04	≤ -62
						Minimal	-74.36	3.64	-78.00	≤ -62
						ON	-78.36	3.64	-82.00	≤ -62
				Center	6425	OFF	-64.36	3.64	-68.06	≤ -62
						Minimal	-65.36	3.64	-69.00	≤ -62
						ON	-78.36	3.64	-82.00	≤ -62
				High edge	6580	OFF	-69.36	3.64	-73.07	≤ -62
						Minimal	-70.36	3.64	-74.00	≤ -62
						ON	-78.36	3.64	-82.00	≤ -62
7/8	159	320	6745	Low edge	6590	OFF	-73.36	3.64	-77.07	≤ -62
						Minimal	-74.36	3.64	-78.00	≤ -62
						ON	-78.36	3.64	-82.00	≤ -62
				Center	6745	OFF	-64.36	3.64	-68.07	≤ -62
						Minimal	-65.36	3.64	-69.00	≤ -62
						ON	-78.36	3.64	-82.00	≤ -62
				High edge	6900	OFF	-68.36	3.64	-72.05	≤ -62
						Minimal	-69.36	3.64	-73.00	≤ -62
						ON	-78.36	3.64	-82.00	≤ -62



**Contention-Based Protocol Result**

**Appendix F**

7/8	191	320	6905	Low edge	6750	OFF	-73.36	3.64	-77.02	≤ -62
						Minimal	-74.36	3.64	-78.00	≤ -62
						ON	-78.36	3.64	-82.00	≤ -62
				Center	6905	OFF	-64.36	3.64	-68.07	≤ -62
						Minimal	-65.36	3.64	-69.00	≤ -62
						ON	-78.36	3.64	-82.00	≤ -62
				High edge	7060	OFF	-69.36	3.64	-73.03	≤ -62
						Minimal	-70.36	3.64	-74.00	≤ -62
						ON	-78.36	3.64	-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	-78.02	OFF	10	100	90	PASS
6	101	20	6455	Center	6455	-73.06	OFF	9	90	90	PASS
7	149	20	6695	Center	6695	-76.04	OFF	9	90	90	PASS
8	213	20	7015	Center	7015	-77.01	OFF	10	100	90	PASS

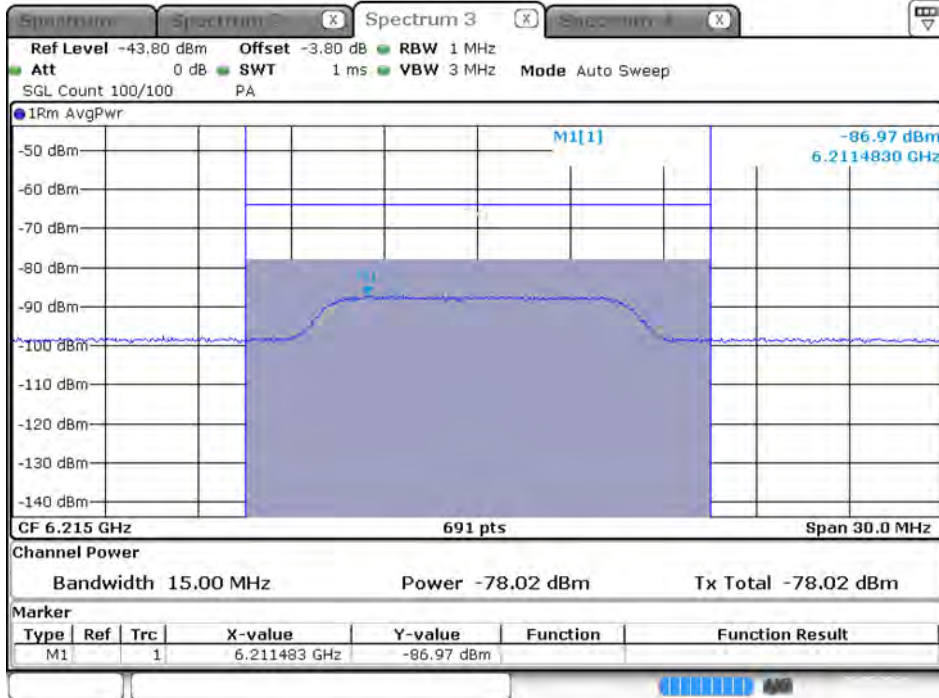


Contention Based protocol 802.11ax HEW320											
UNII Band	Channel	Bandwidth (MHz)	Frequency (MHz)	Interference frequency (MHz)		AWGN Threshold Level (dBm)	EUT Status	Number of Detected (out of 10 times)	Detection Probability (%)	Limit (%)	Test Result
5	31	320	6105	Low edge	5950	-70.05	OFF	9	90	90	PASS
				Center	6105	-74.08	OFF	10	100	90	PASS
				High edge	6260	-73.07	OFF	10	100	90	PASS
5/6/7	95	320	6425	Low edge	6270	-77.04	OFF	10	100	90	PASS
				Center	6425	-68.06	OFF	9	90	90	PASS
				High edge	6580	-73.07	OFF	9	90	90	PASS
6/7	159	320	6745	Low edge	6590	-77.07	OFF	9	90	90	PASS
				Center	6745	-68.07	OFF	9	90	90	PASS
				High edge	6900	-72.05	OFF	9	90	90	PASS
7/8	191	320	6905	Low edge	6750	-77.02	OFF	10	100	90	PASS
				Center	6905	-68.07	OFF	10	100	90	PASS
				High edge	7060	-73.03	OFF	9	90	90	PASS

Incumbent signal (AWGN) Plot

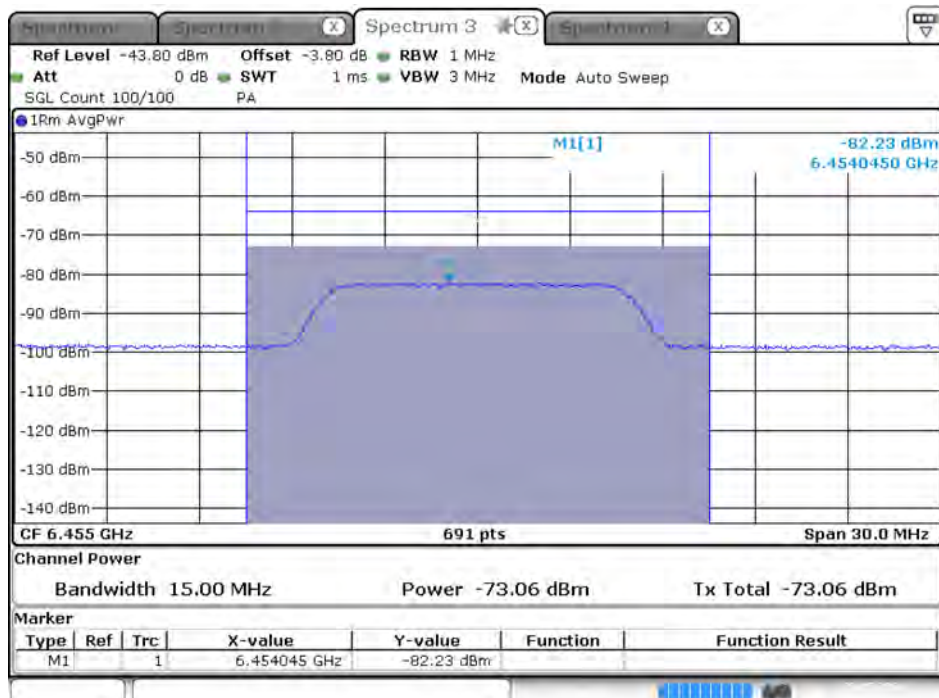
Bandwidth: 20MHz

Frequency (MHz): 6215 MHz

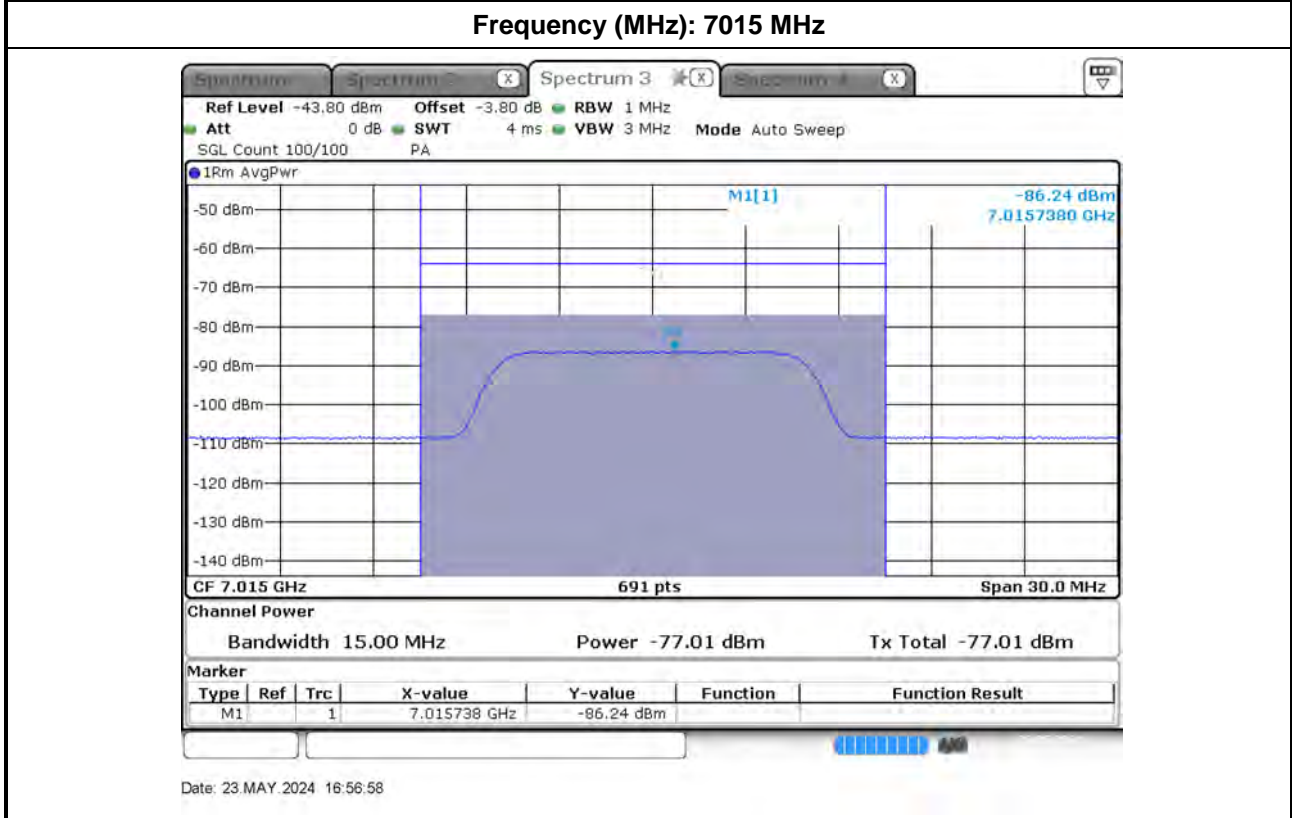
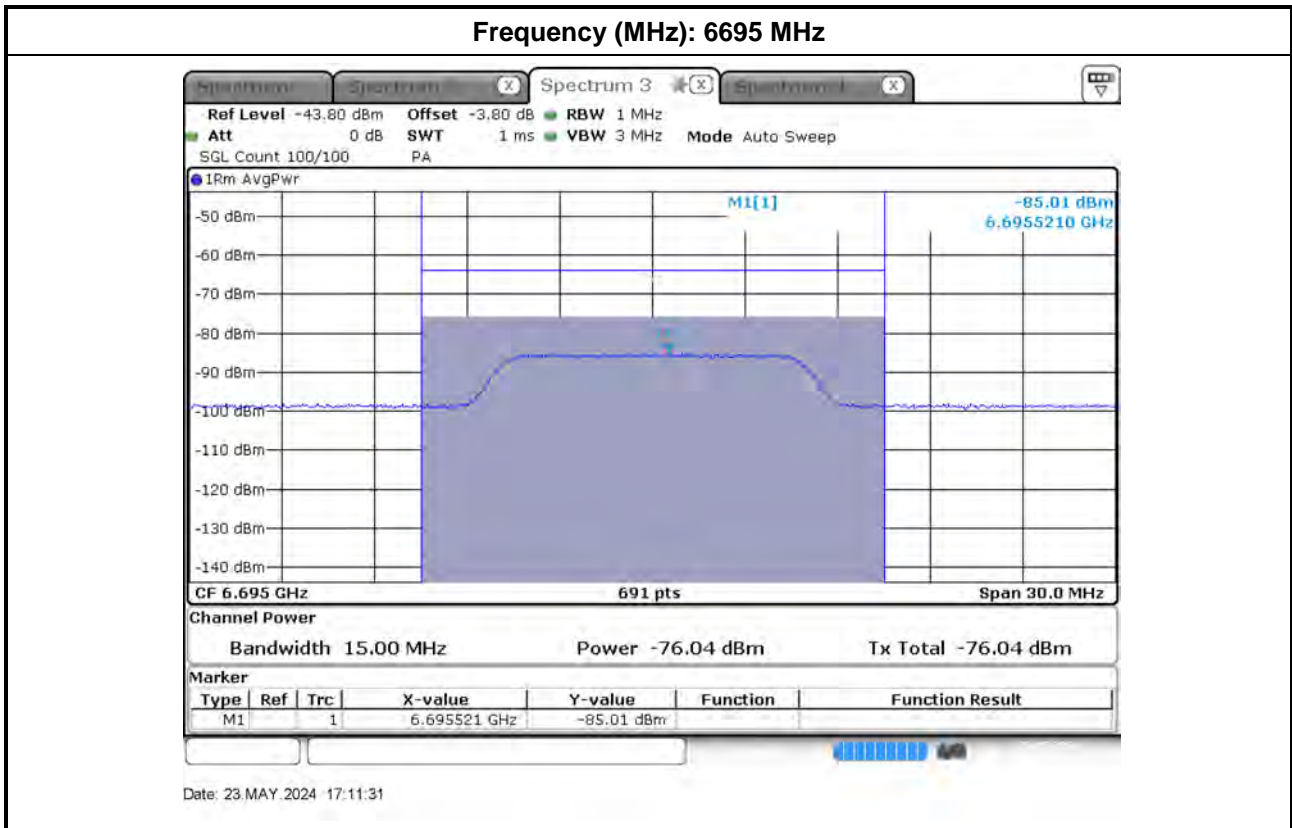


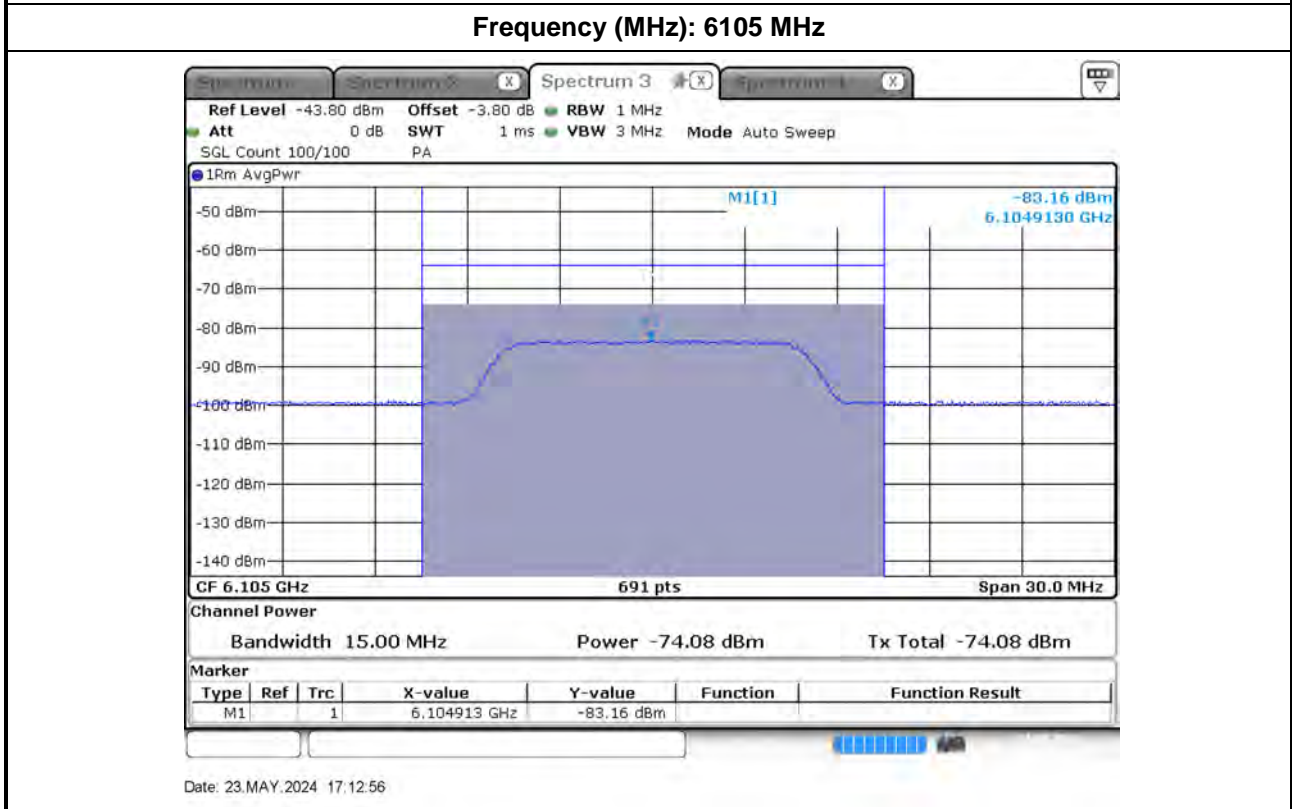
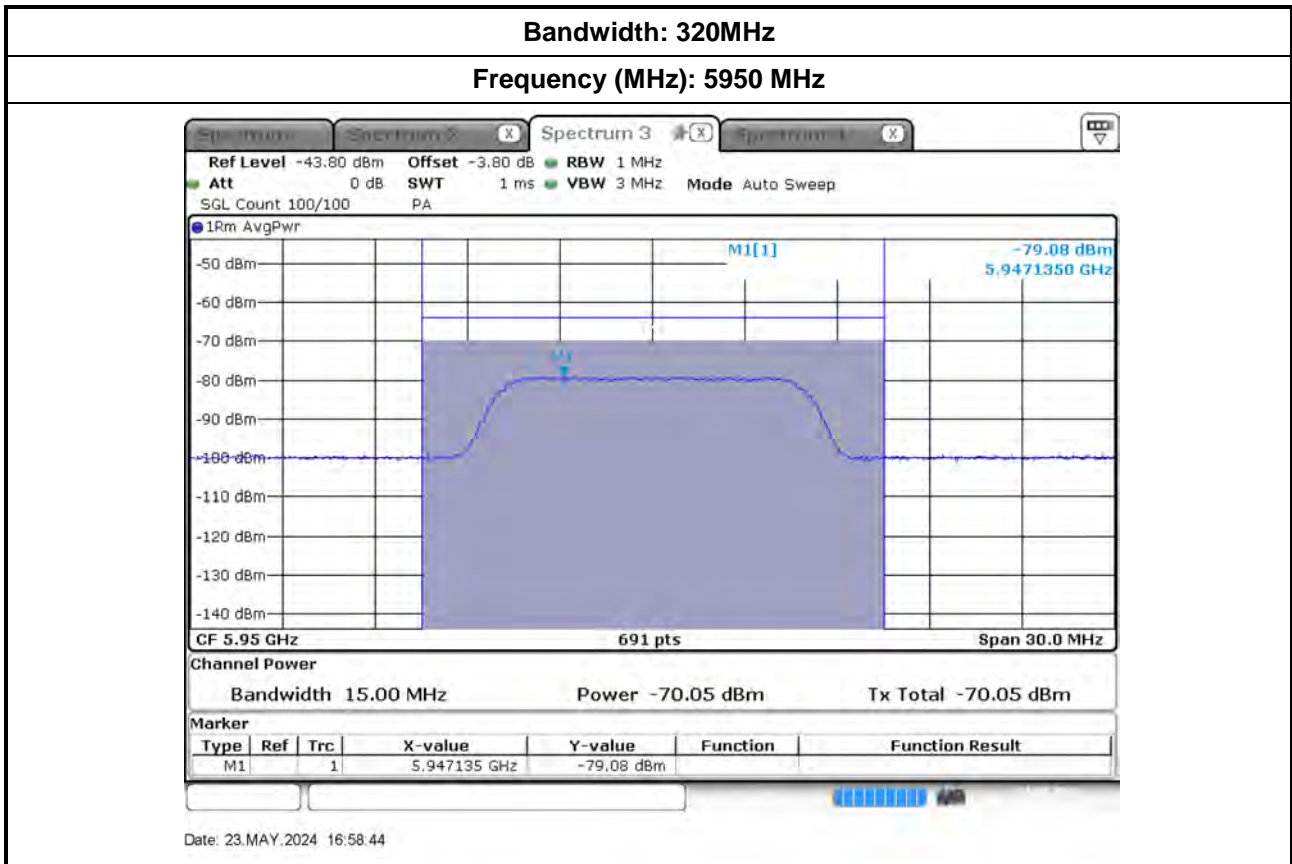
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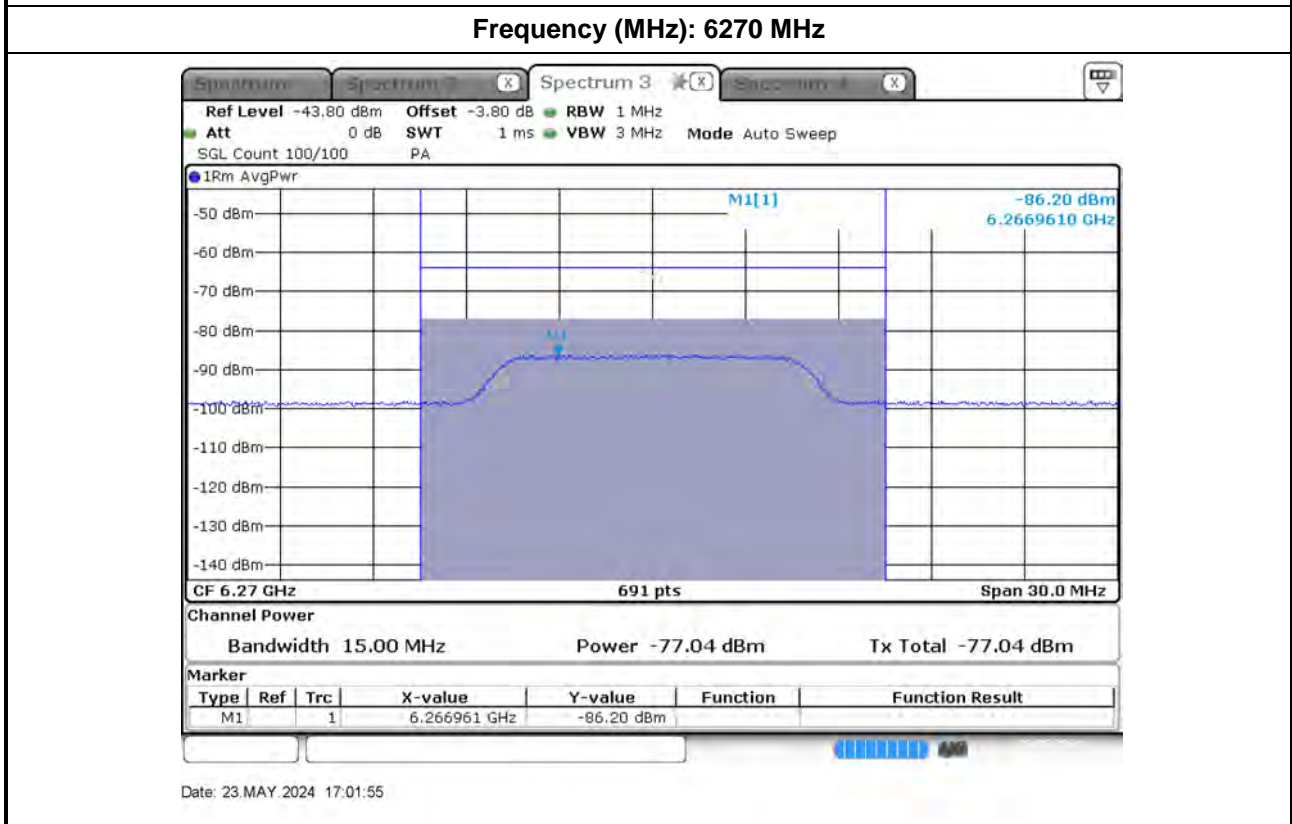
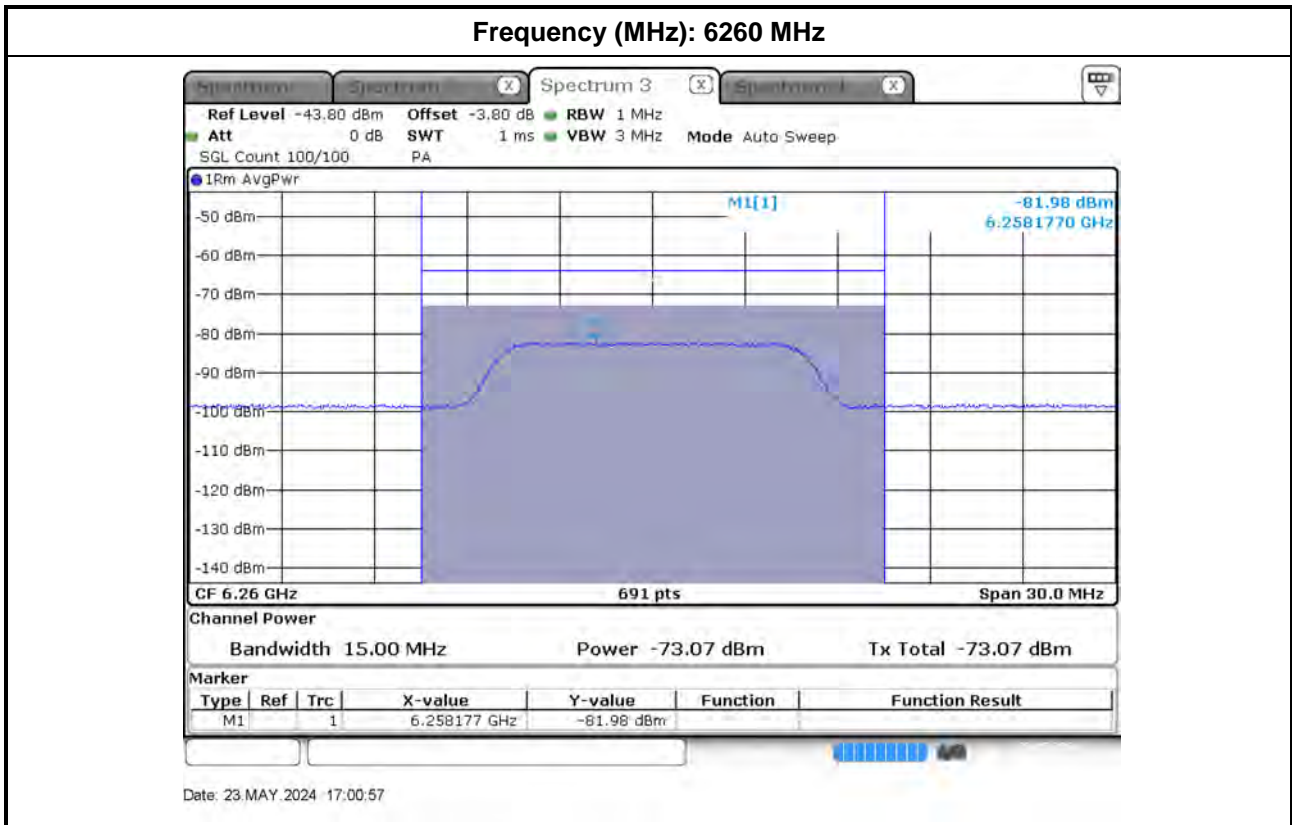
Frequency (MHz): 6455 MHz

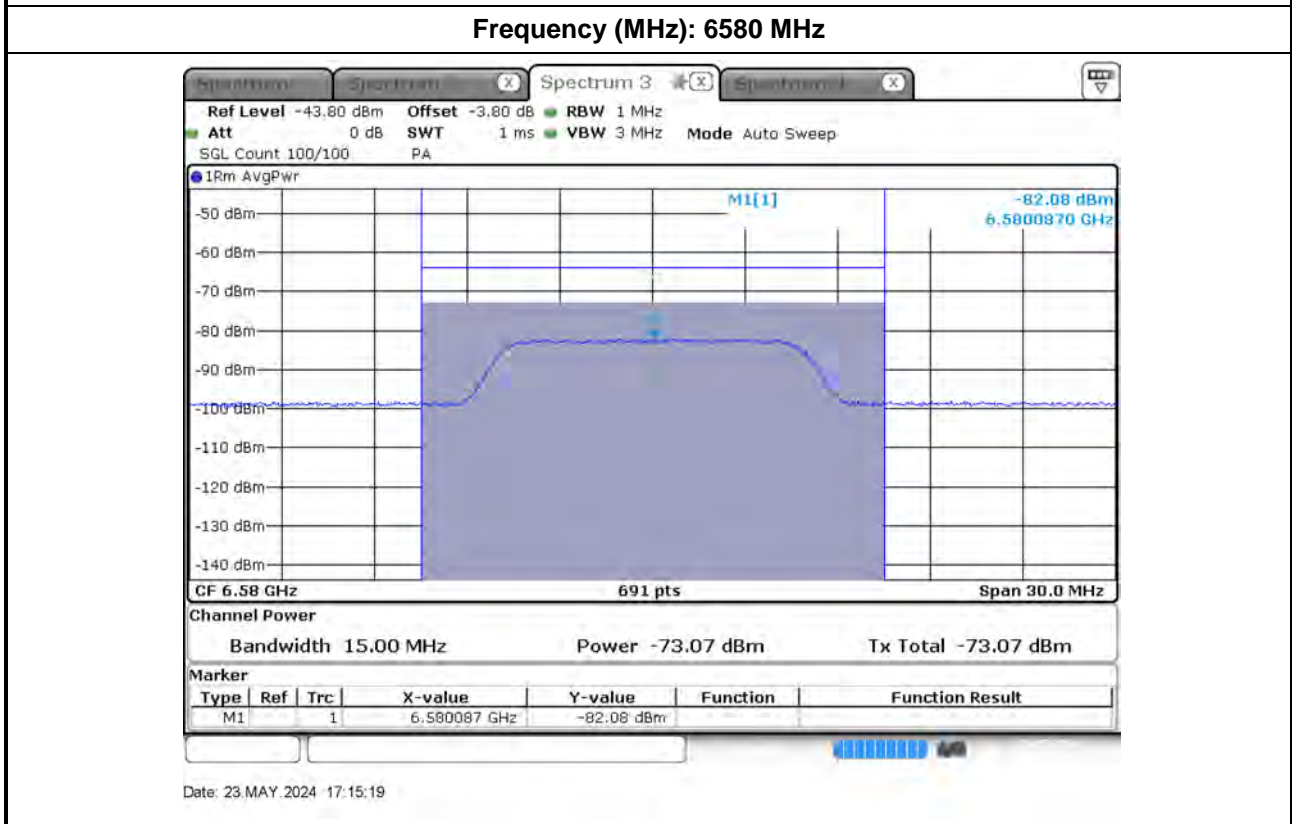
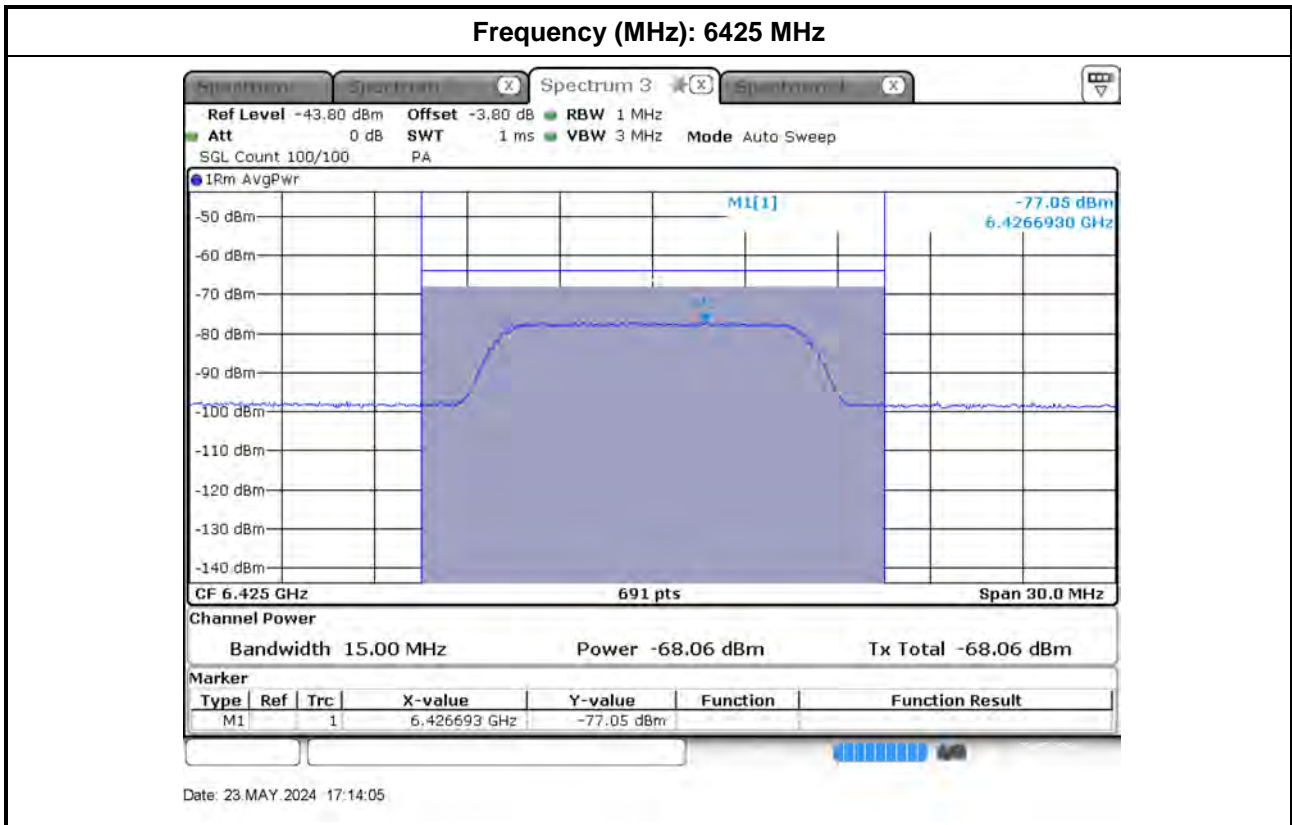


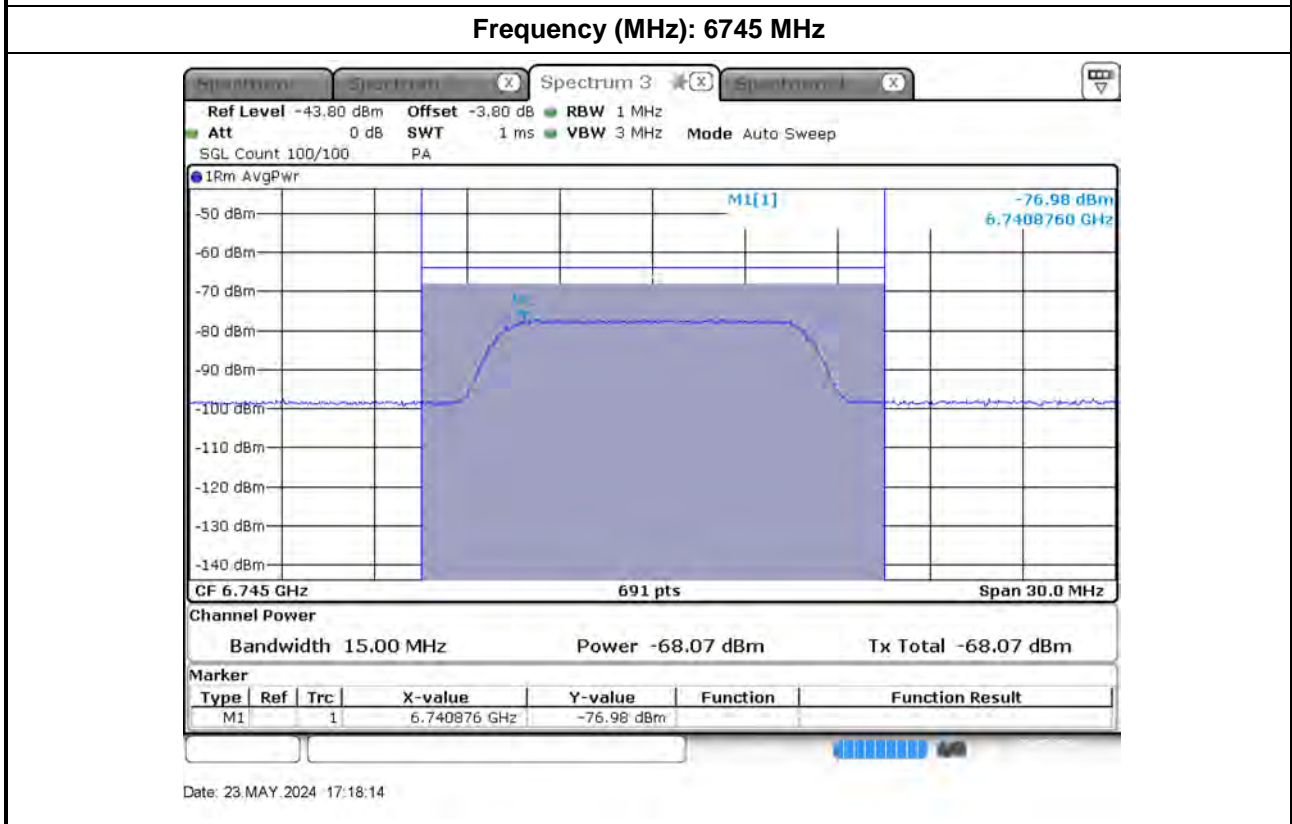
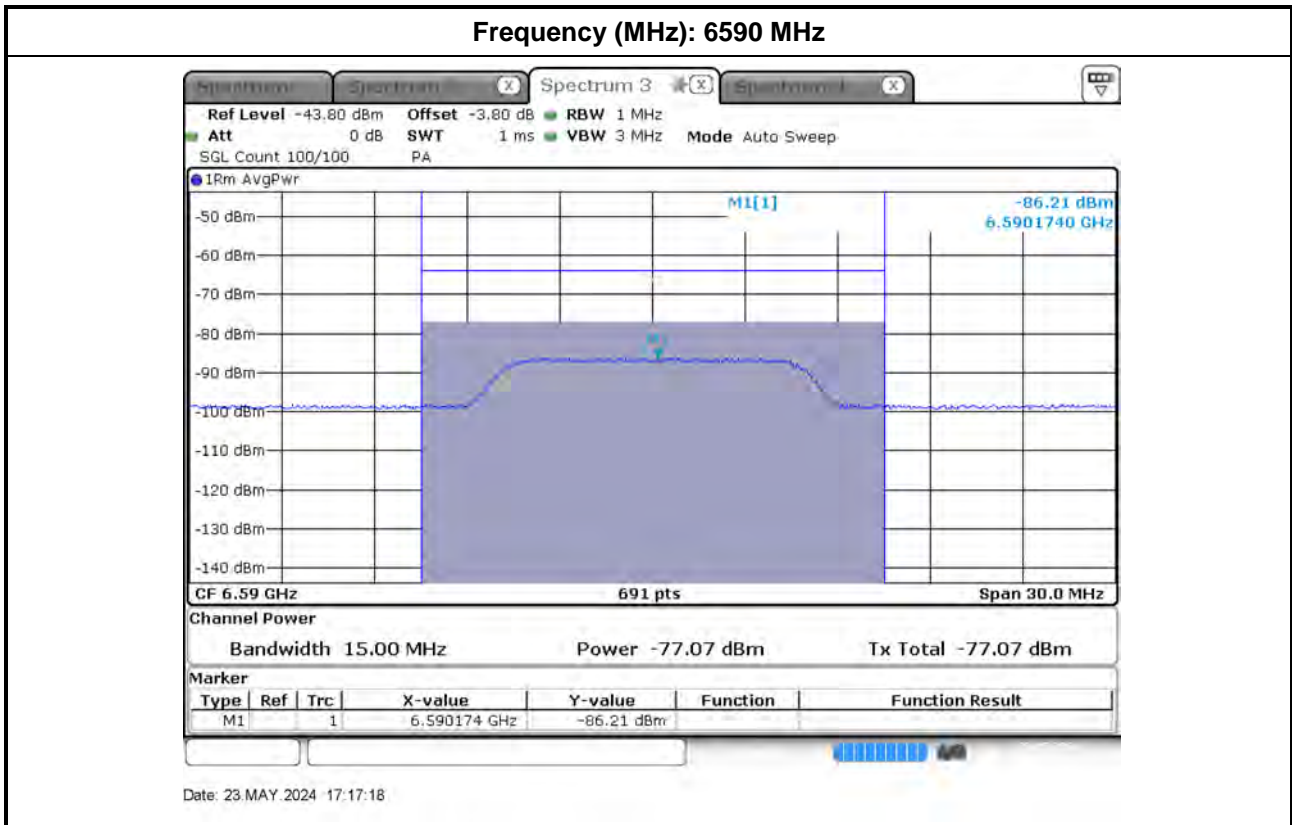
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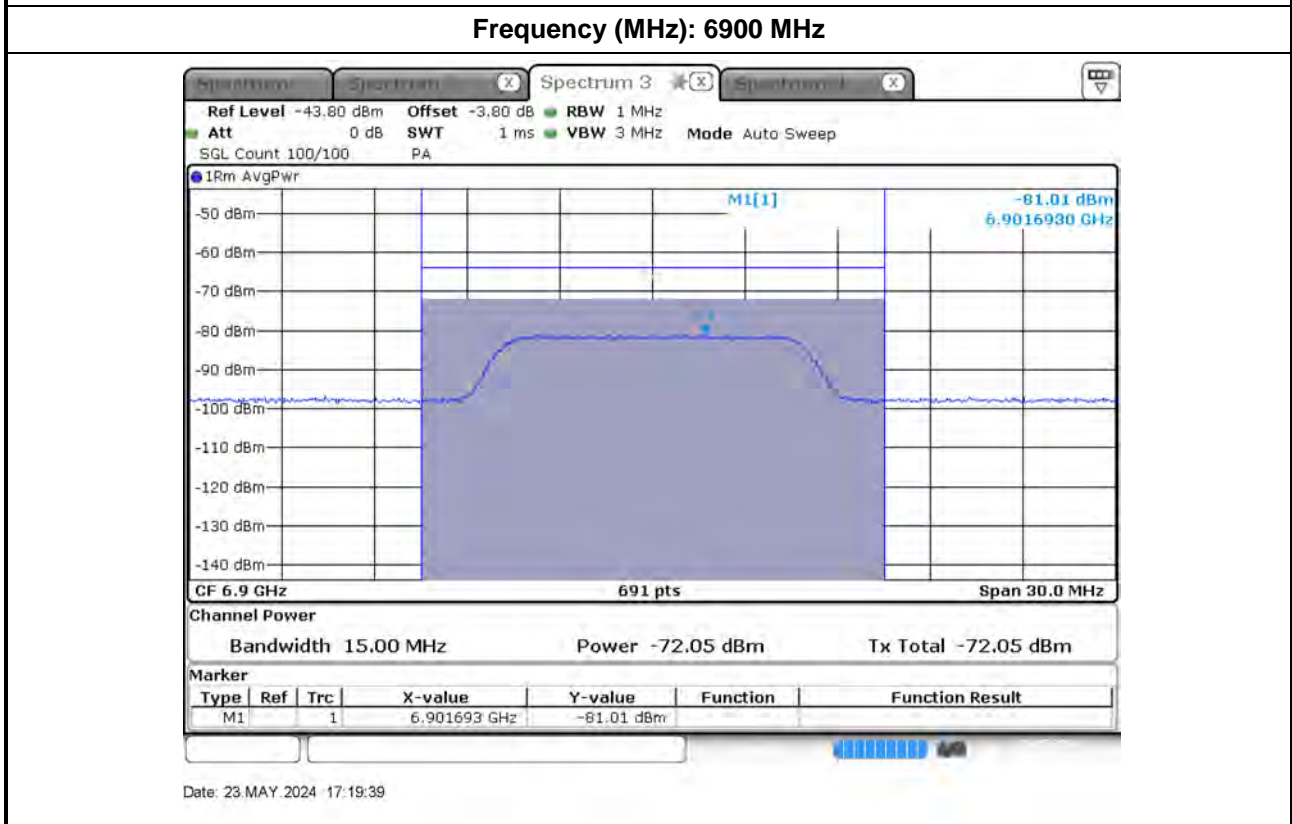
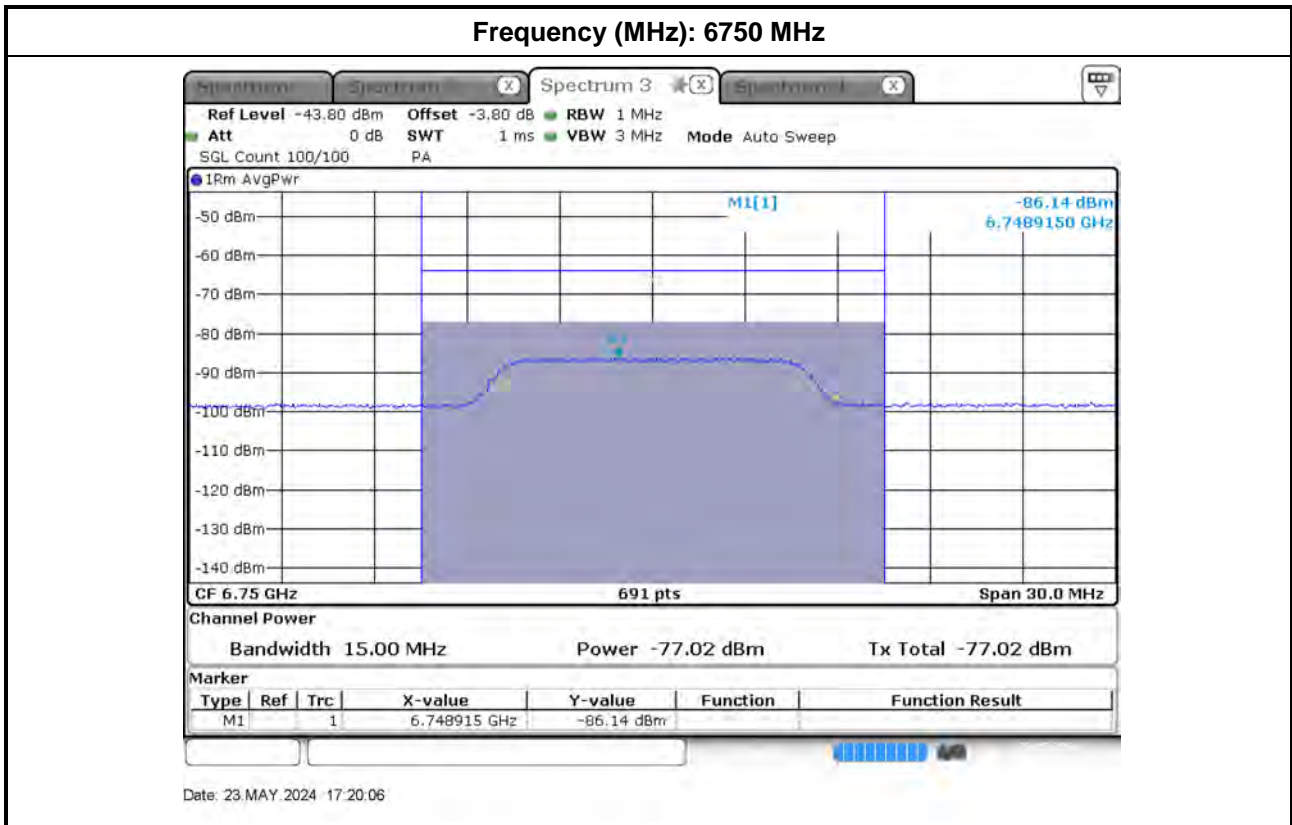




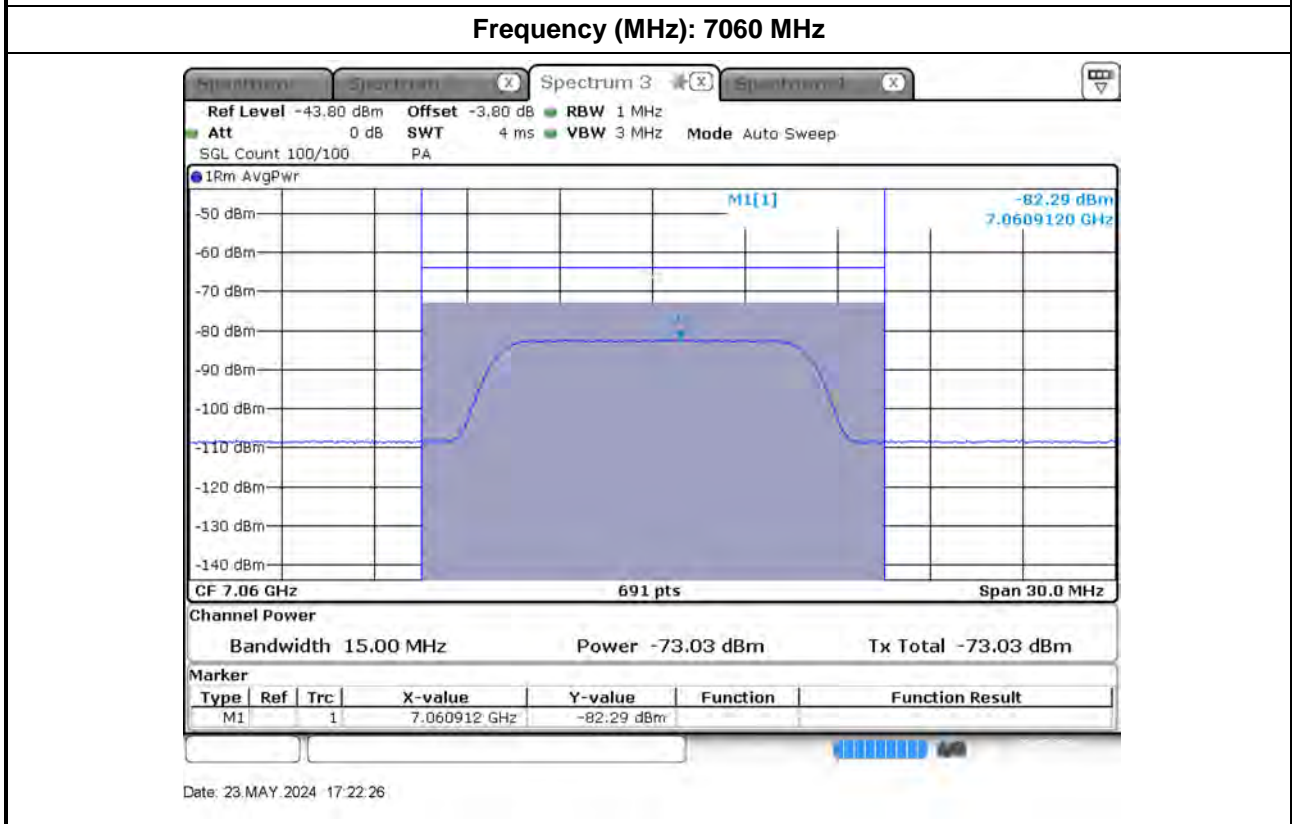
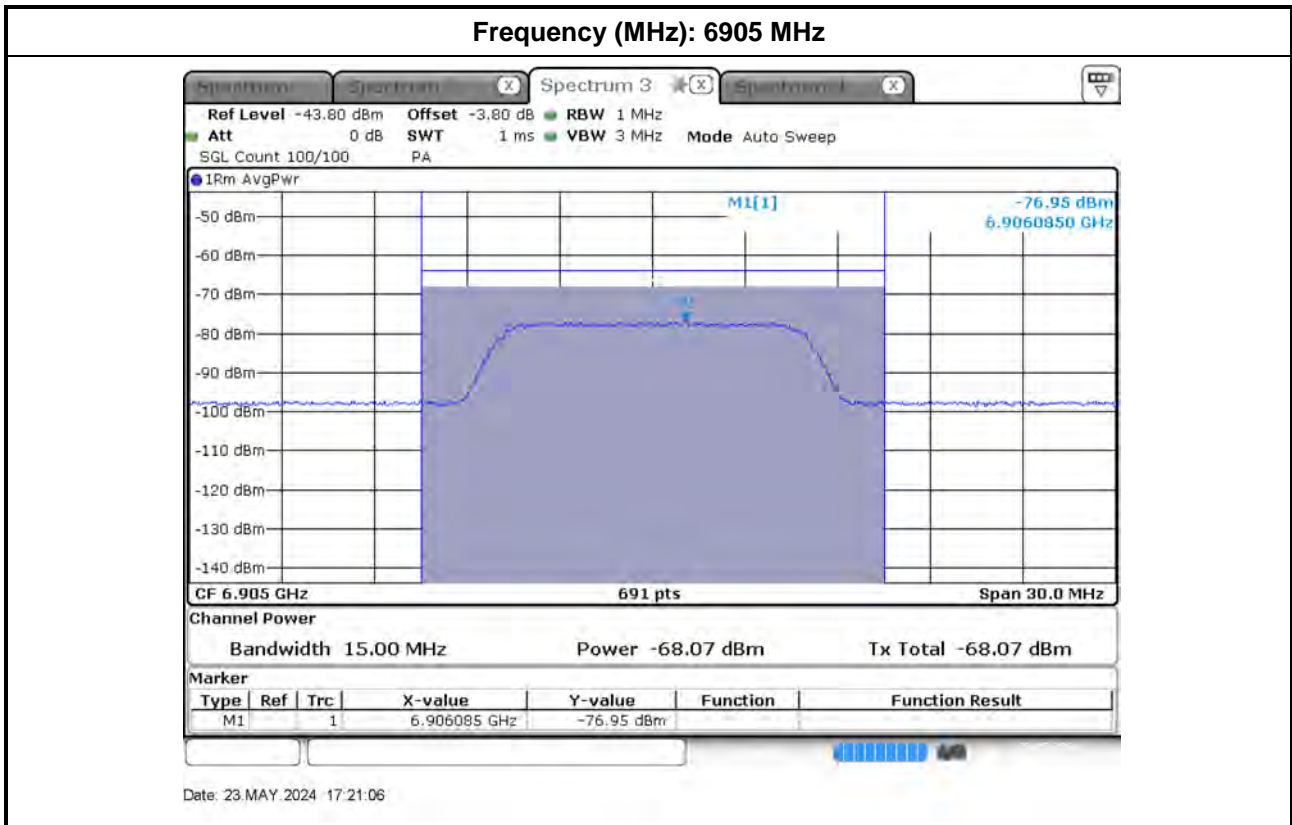


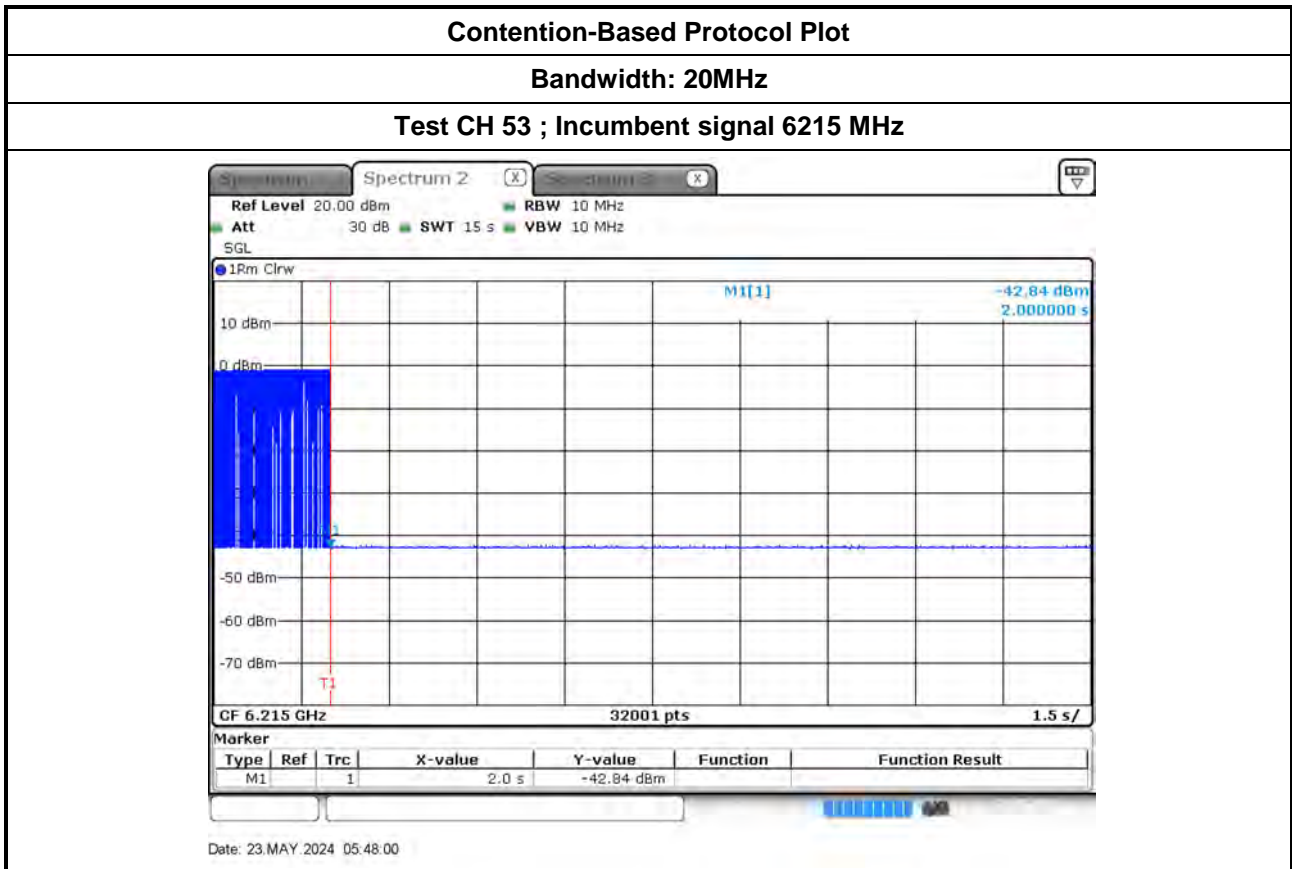




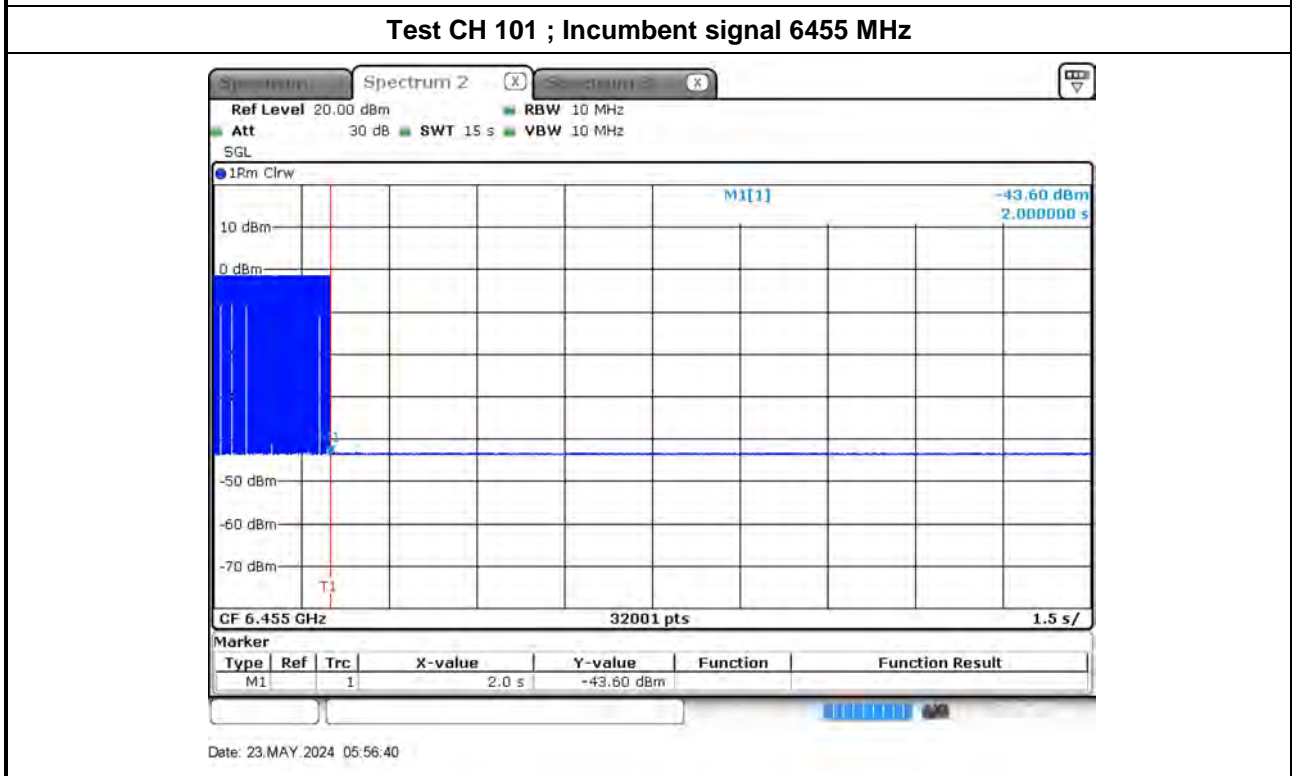




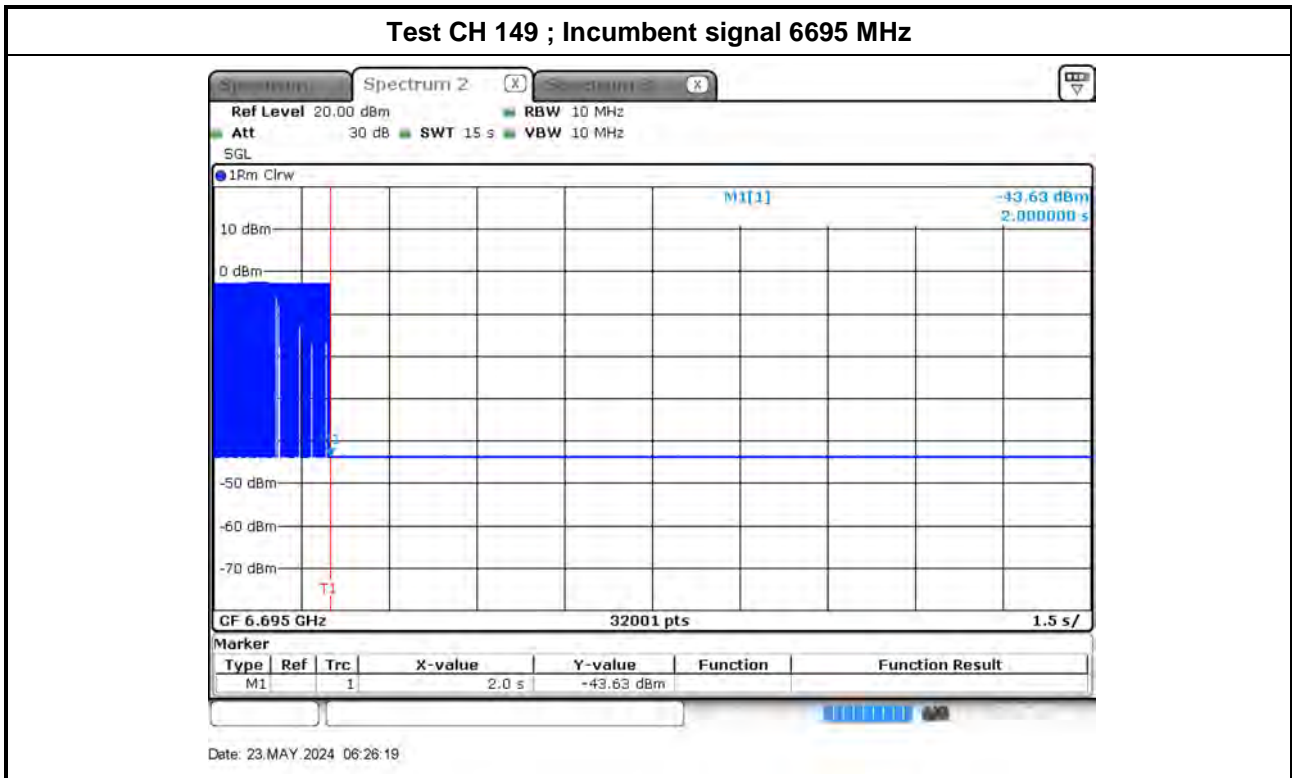




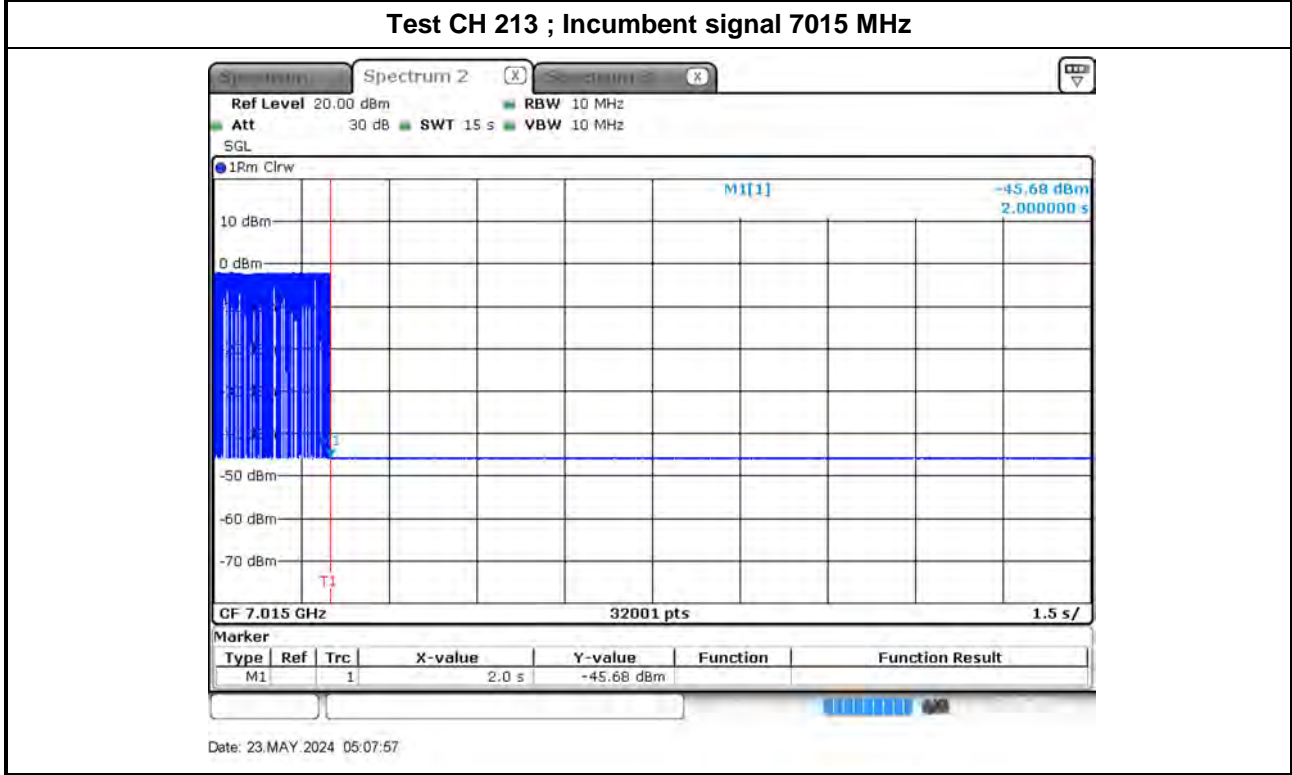
Note : M1 : Inject AWGN signal



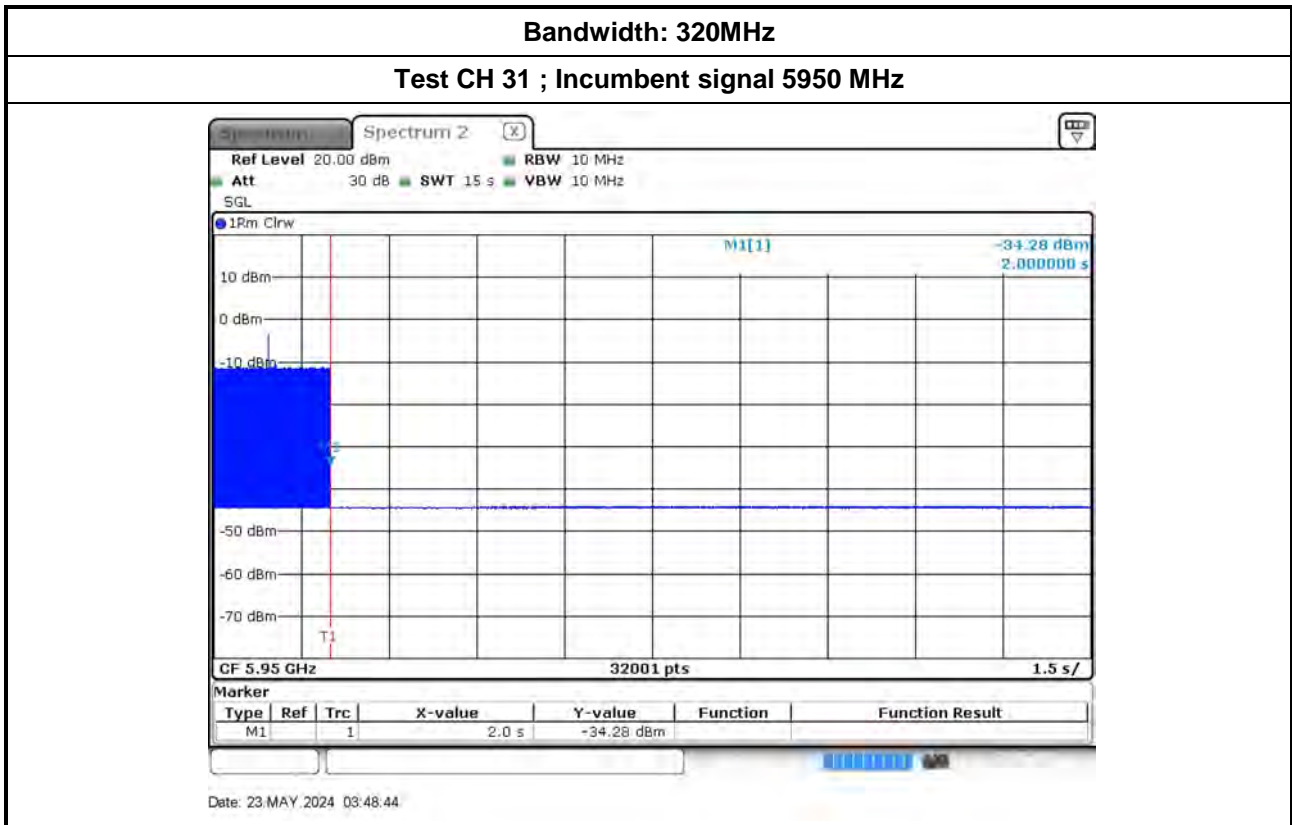
Note : M1 : Inject AWGN signal



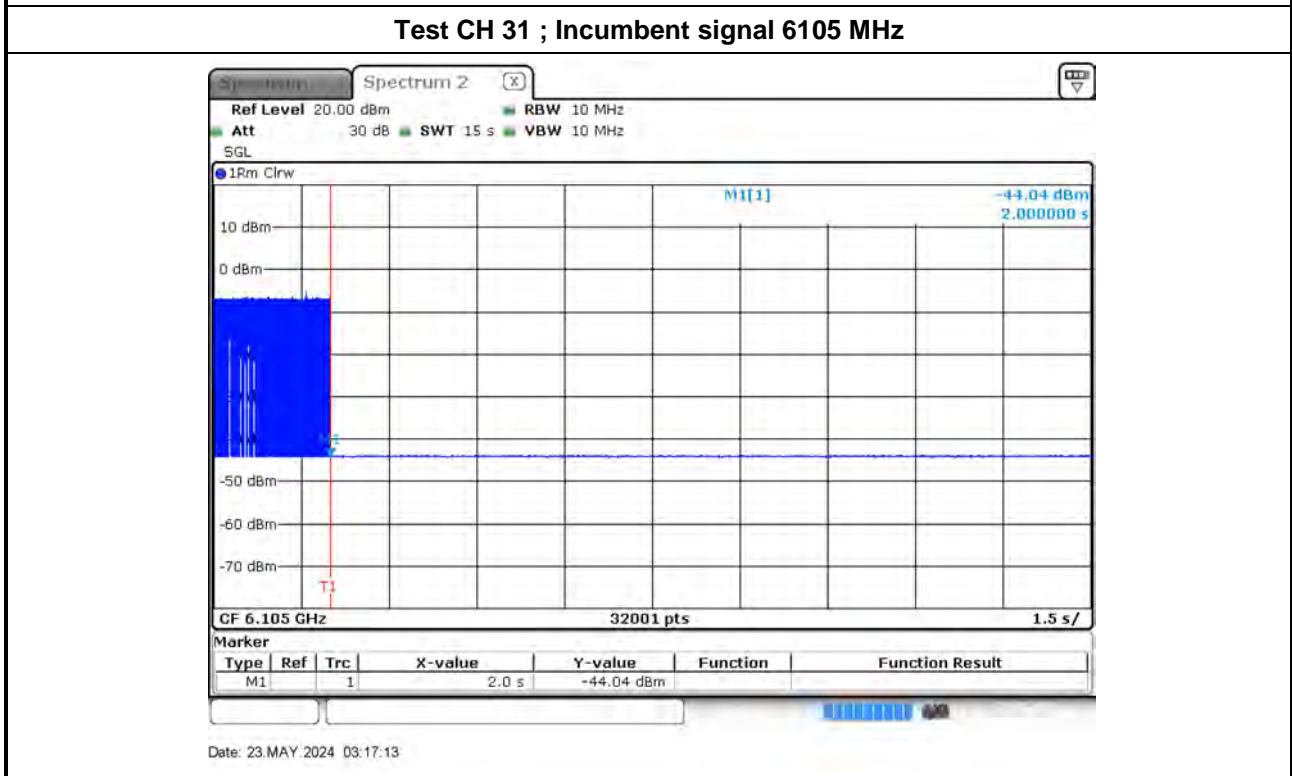
Note : M1 : Inject AWGN signal



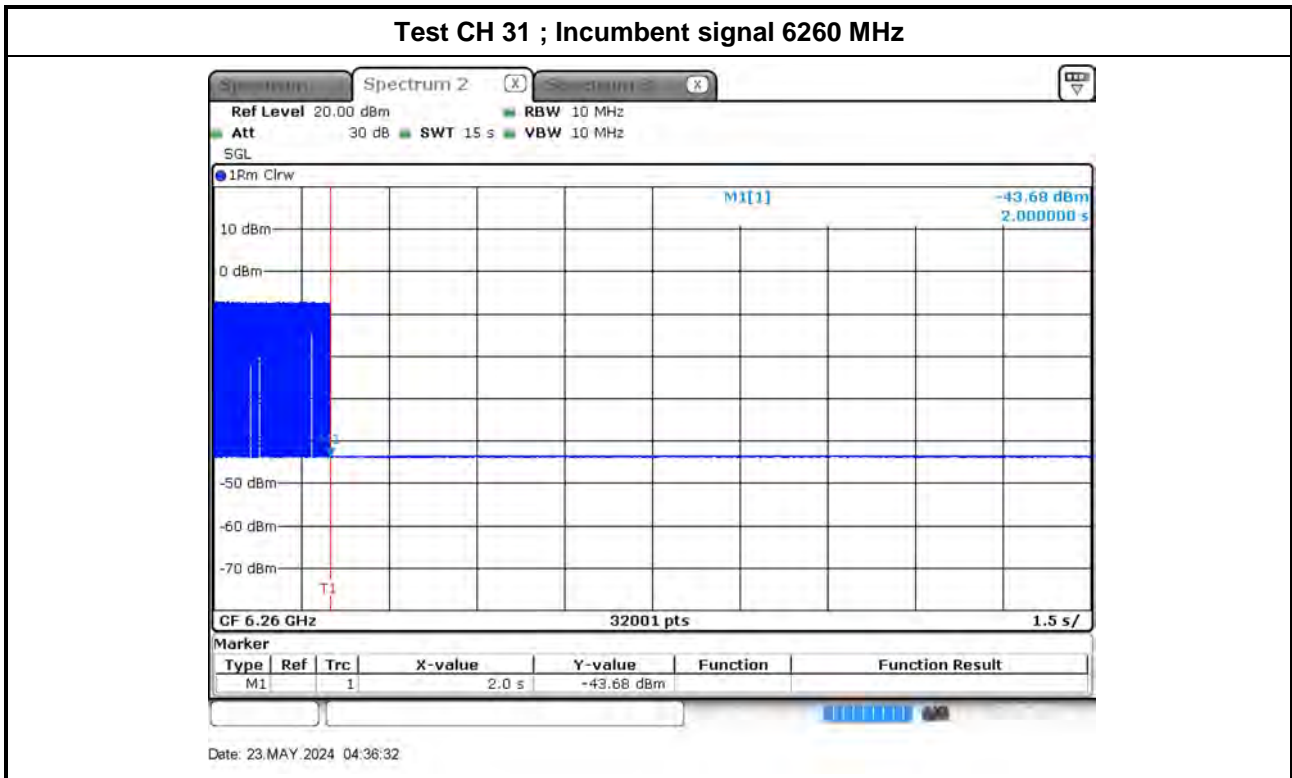
Note : M1 : Inject AWGN signal



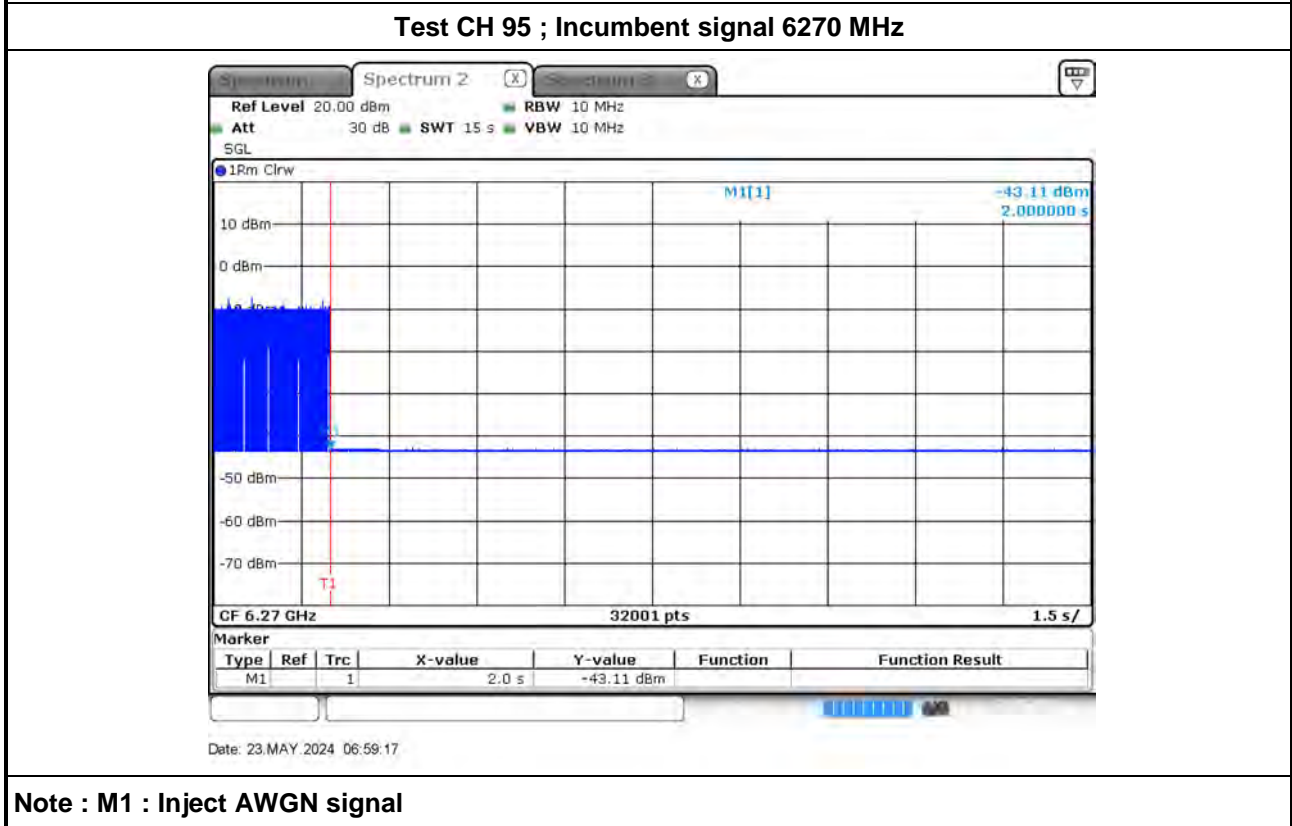
Note : M1 : Inject AWGN signal



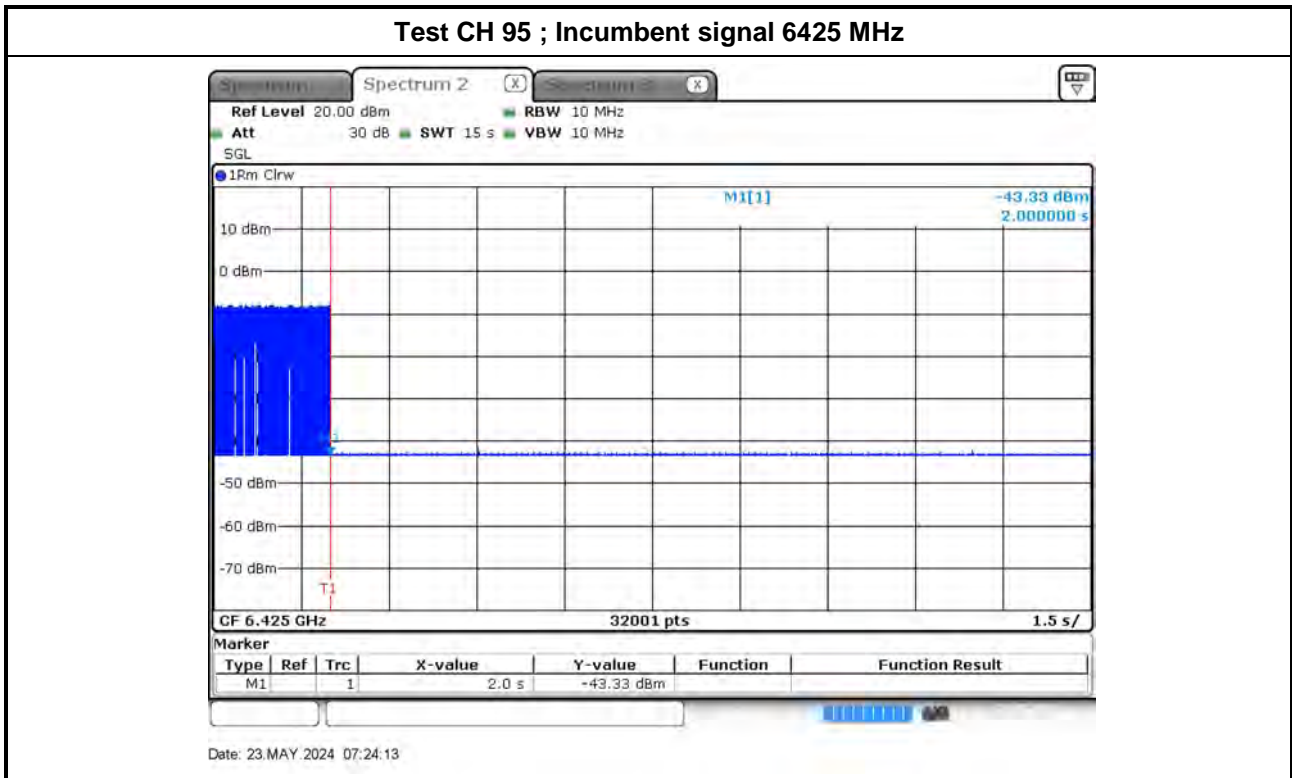
Note : M1 : Inject AWGN signal



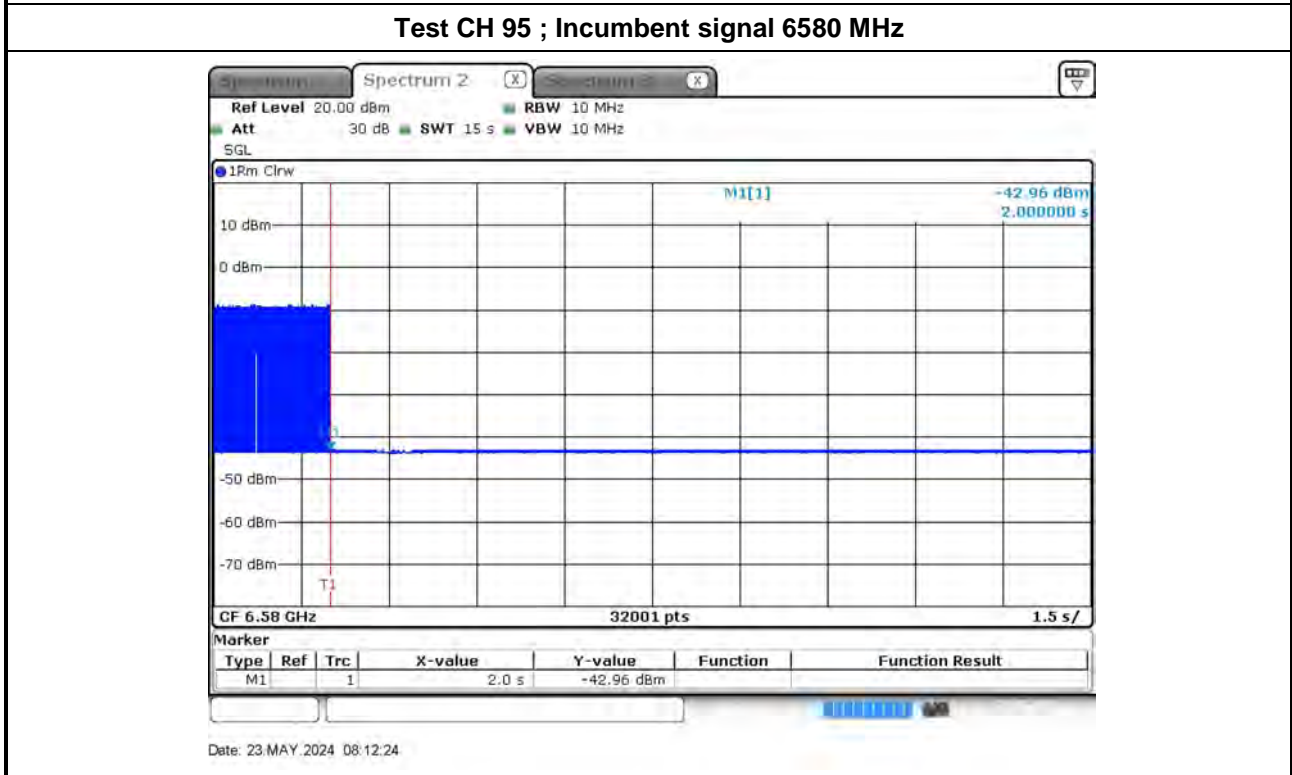
Note : M1 : Inject AWGN signal



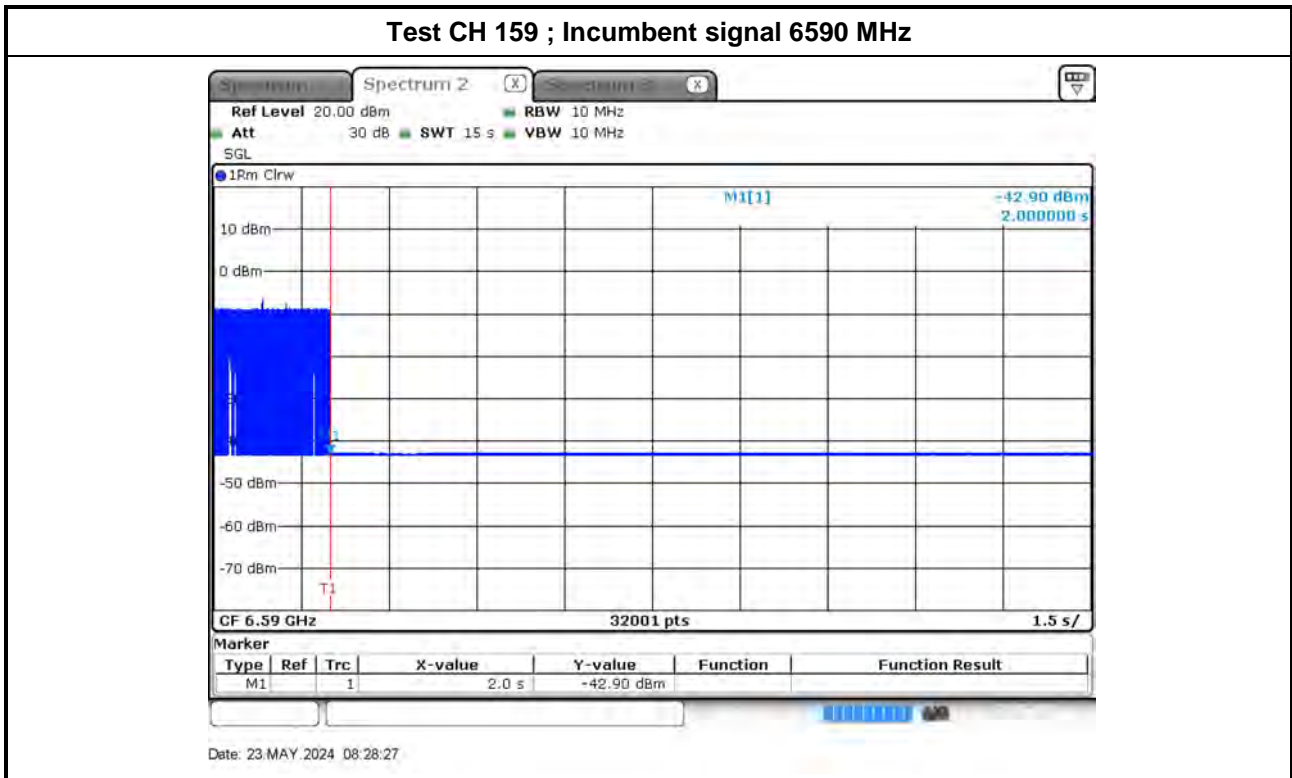
Note : M1 : Inject AWGN signal



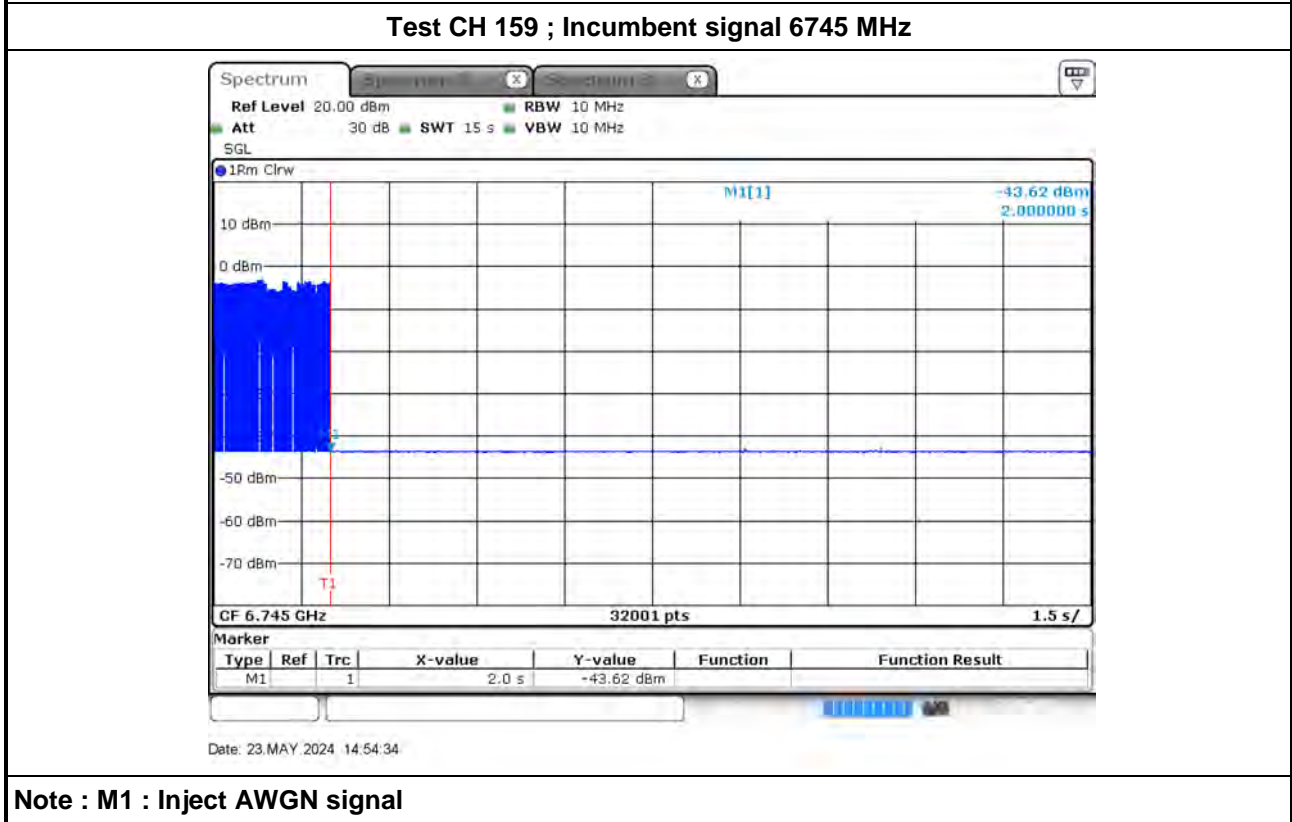
Note : M1 : Inject AWGN signal



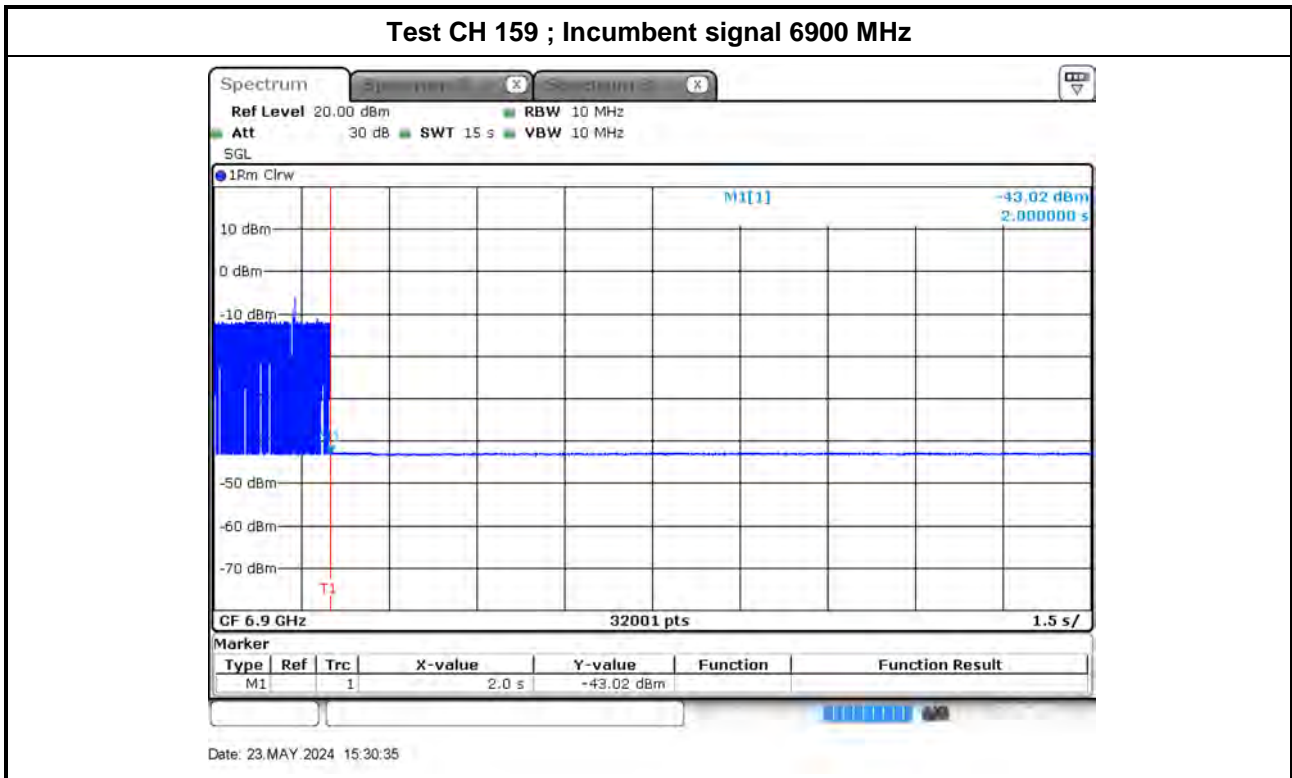
Note : M1 : Inject AWGN signal



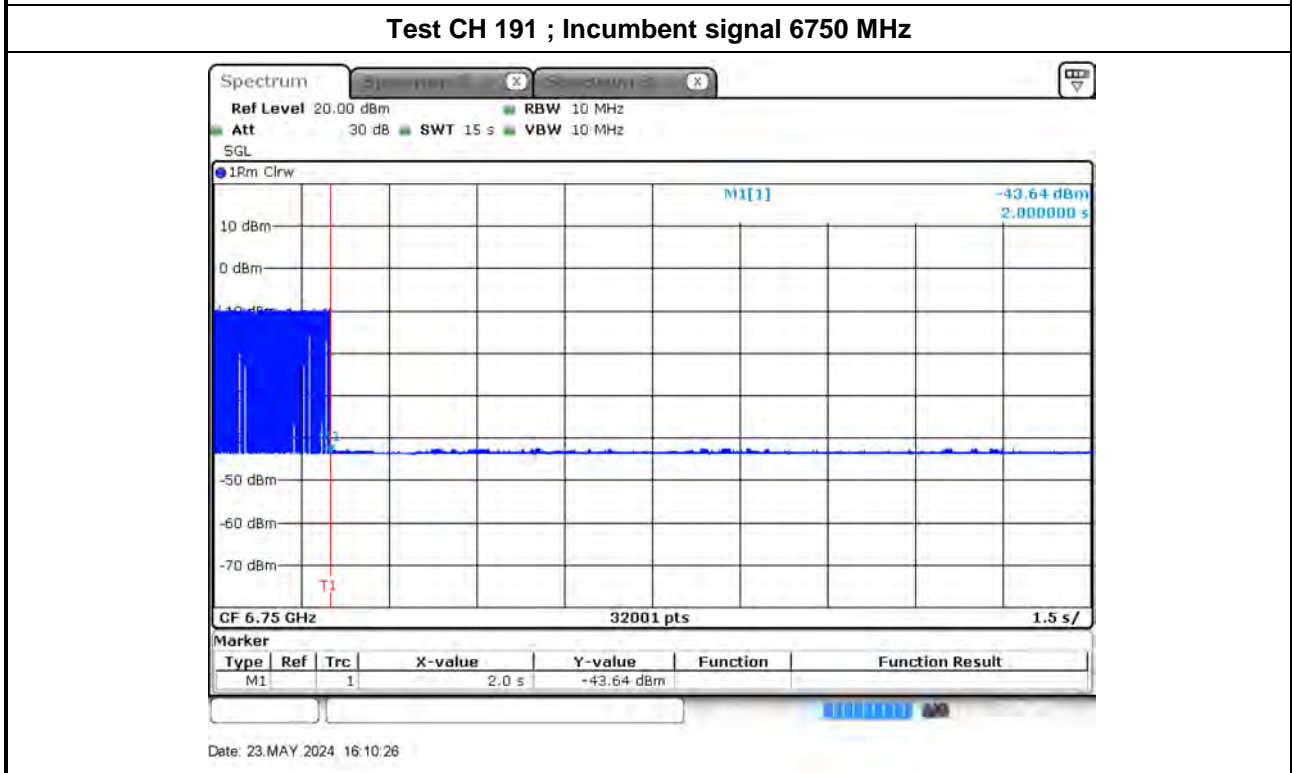
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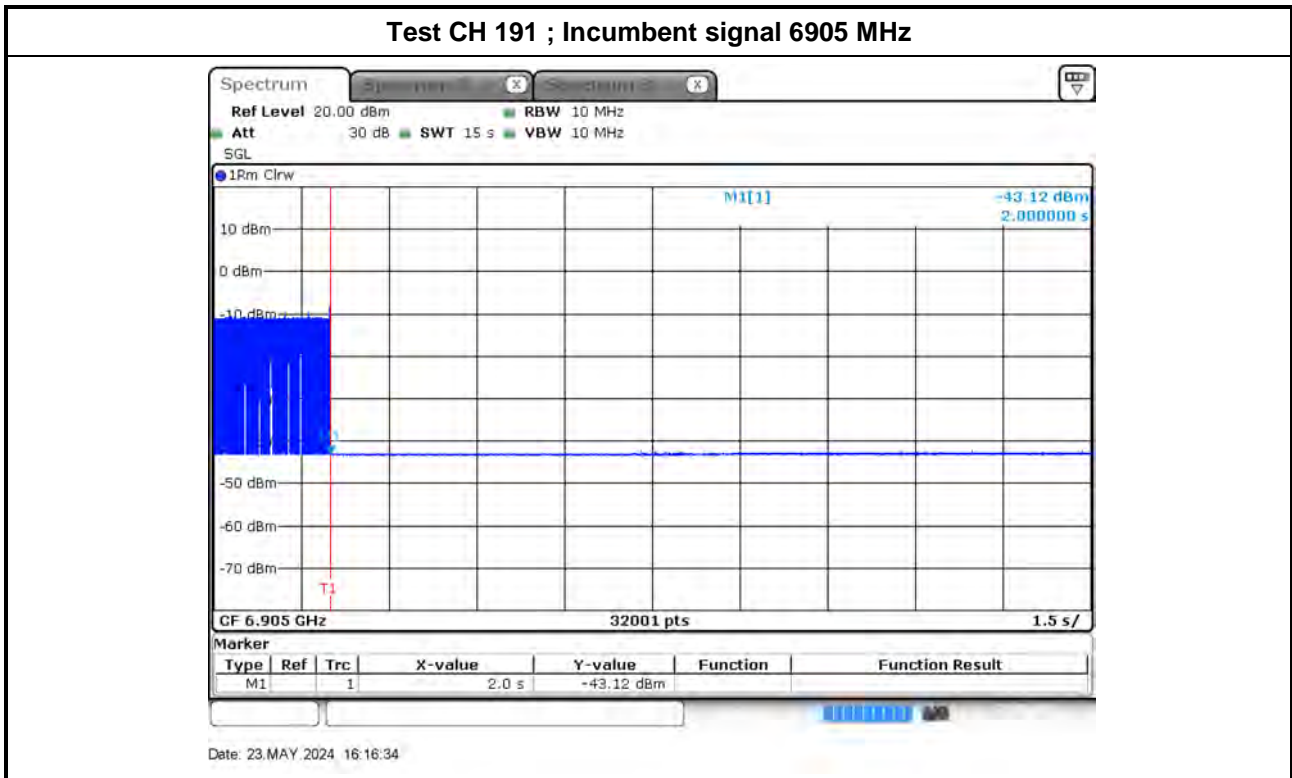


Note : M1 : Inject AWGN signal

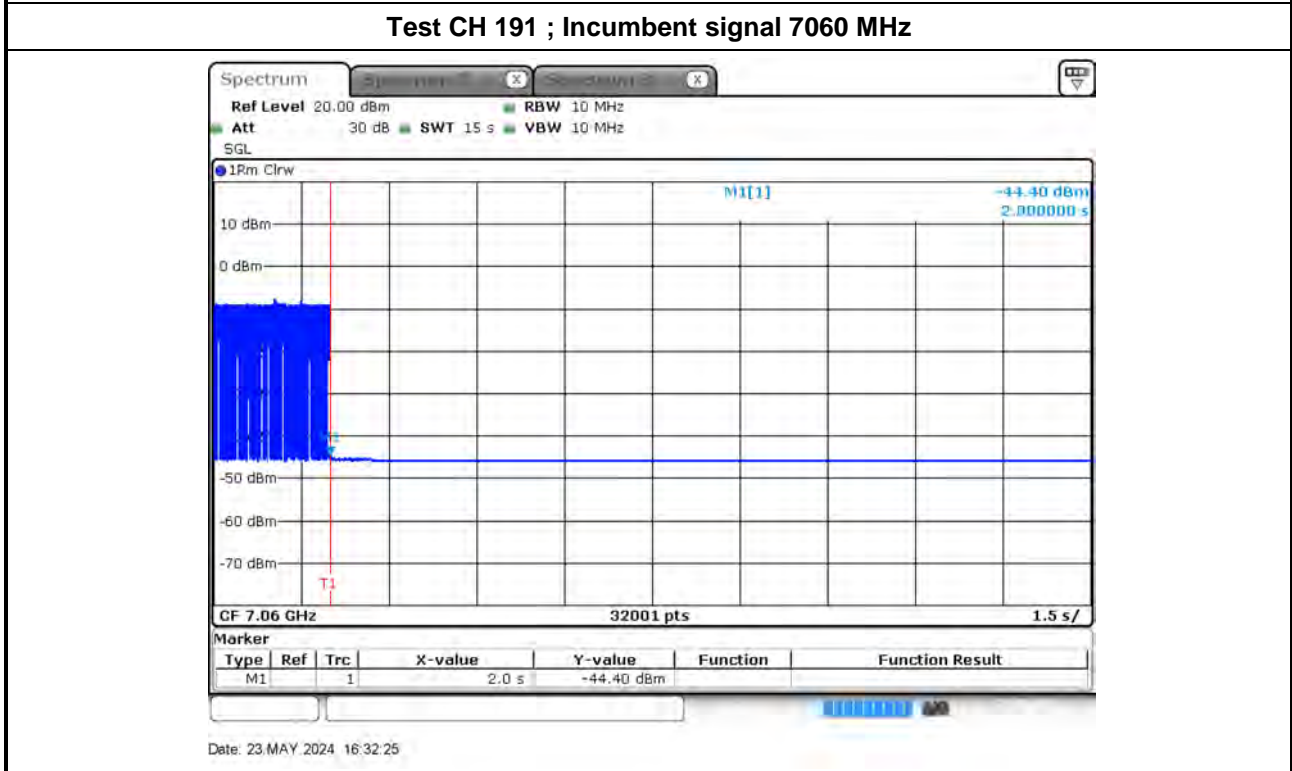


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