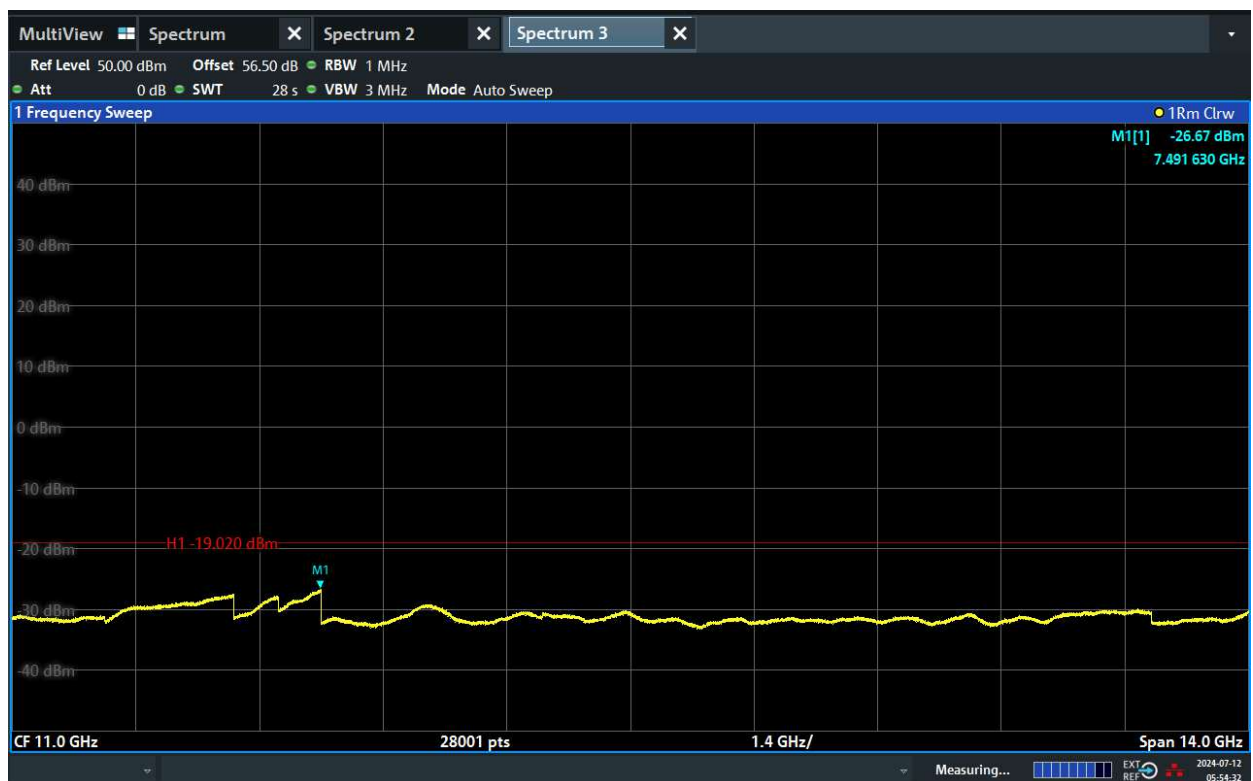
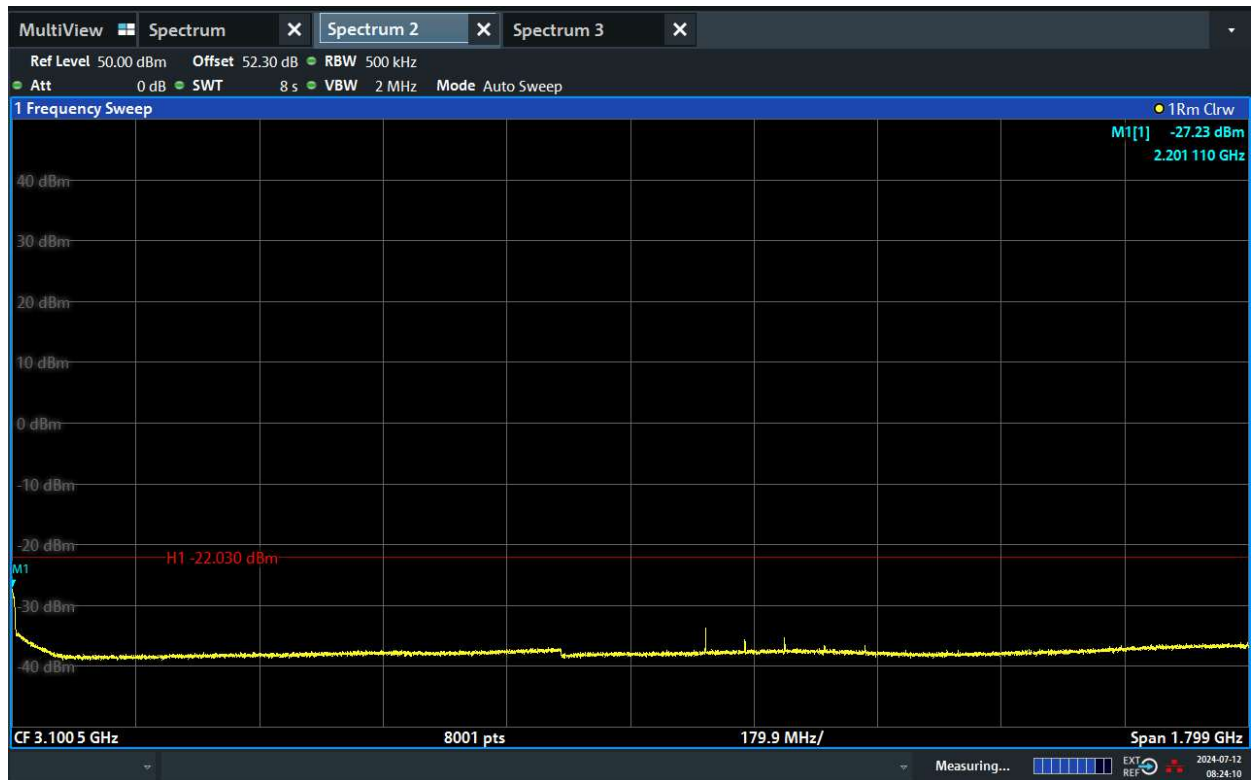
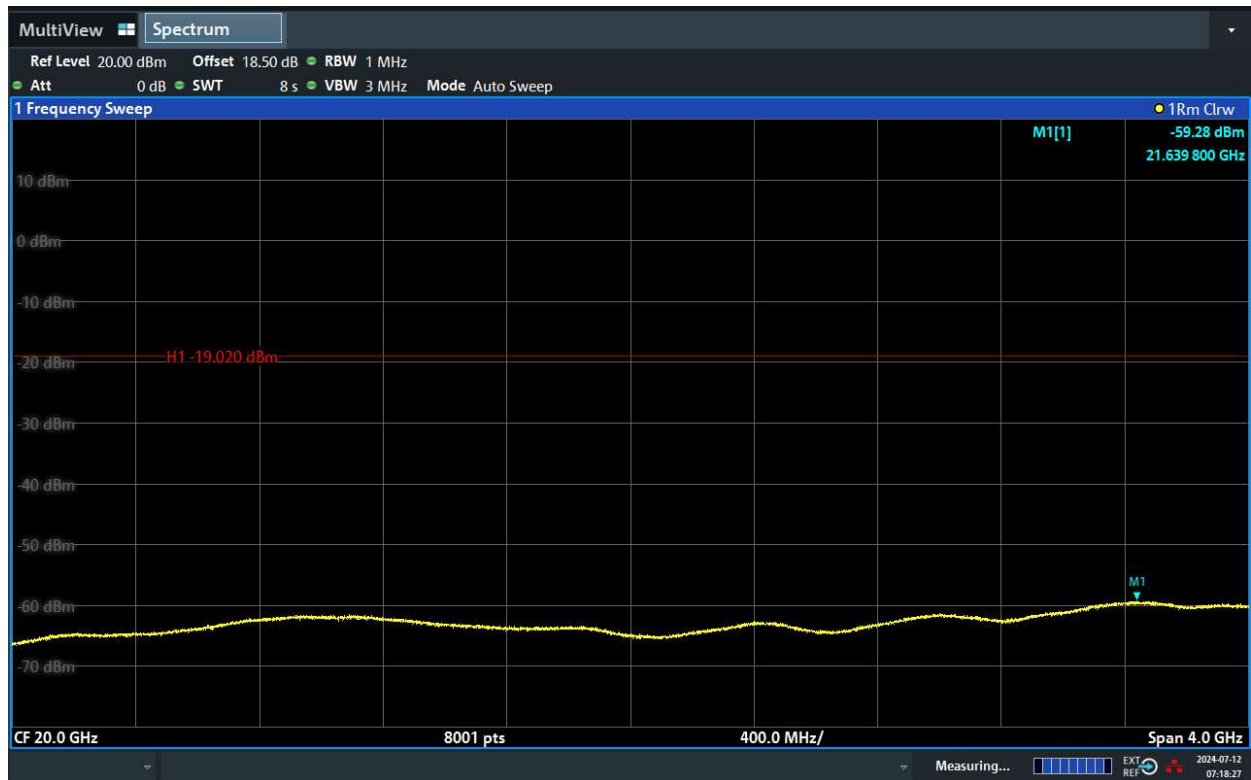


TEST REPORT



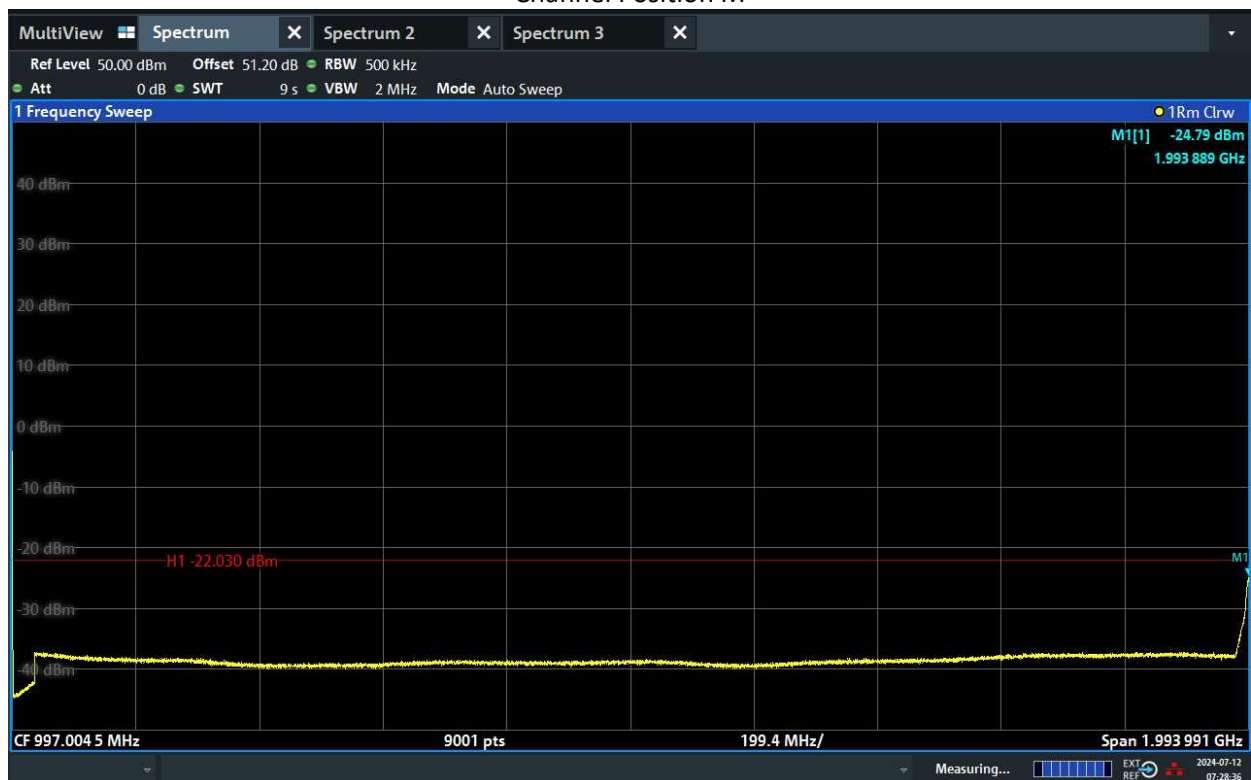
TEST REPORT



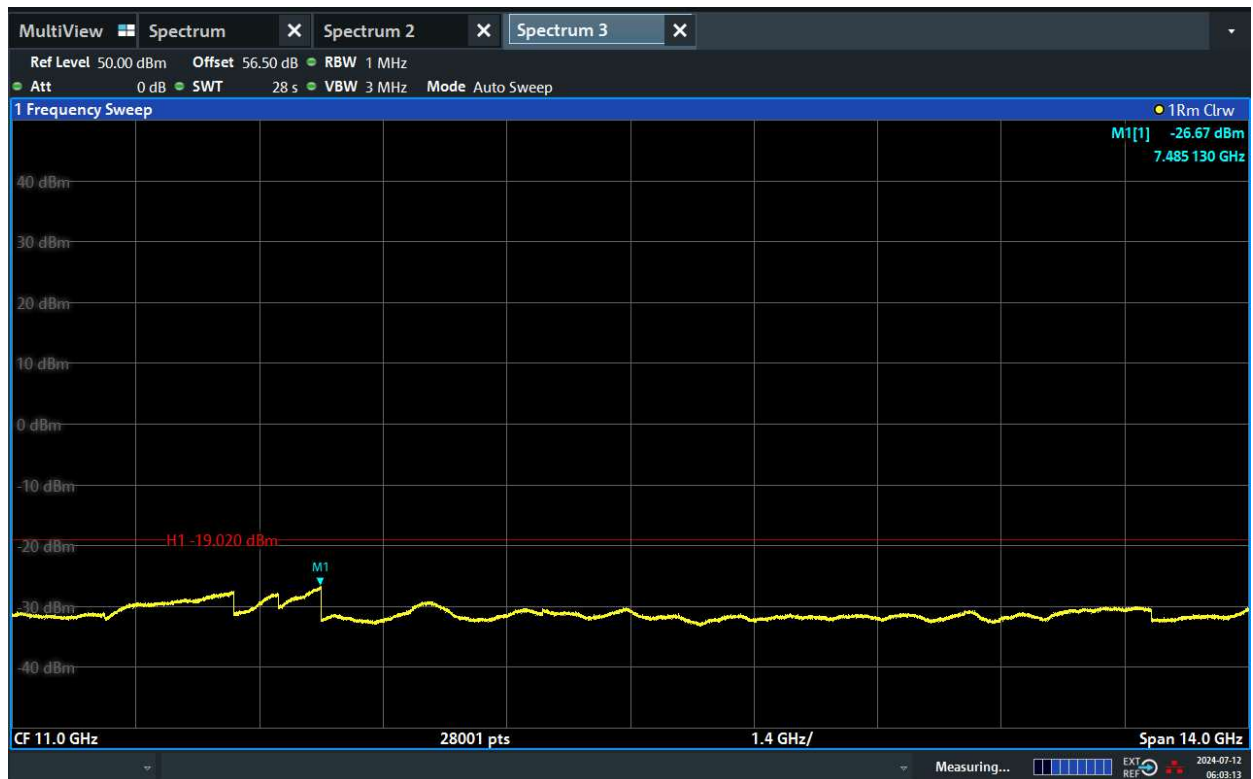
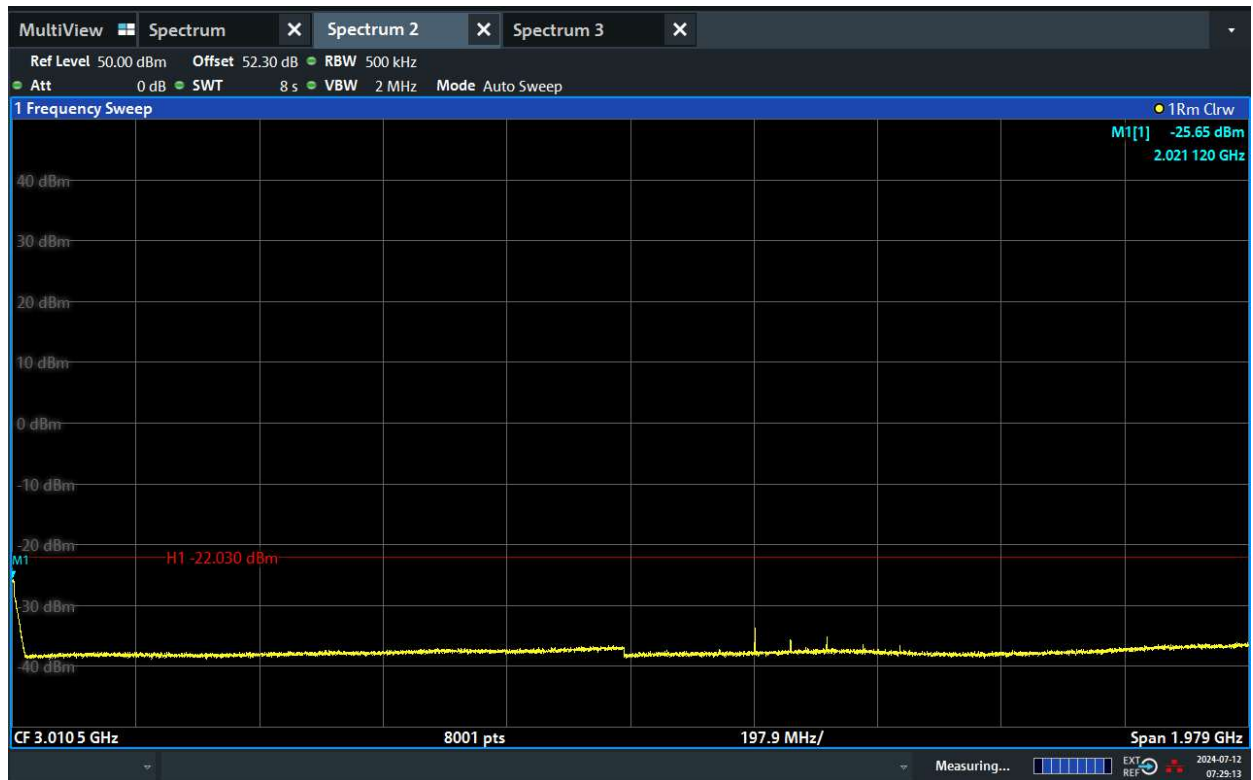
NR-1C-B70

Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
C	M	256QAM	25	1000/500	-19.02/-22.03

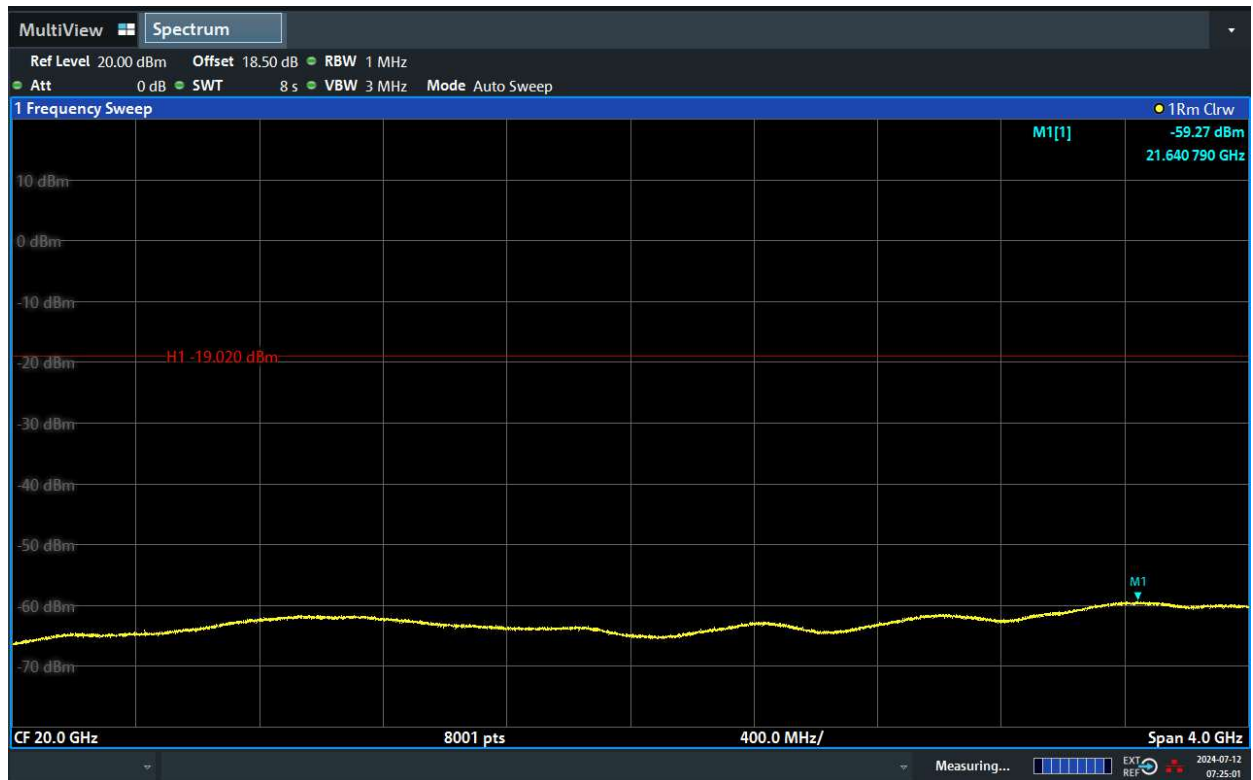
Channel Position M



TEST REPORT



TEST REPORT



TEST REPORT**7 Frequency Stability****Test result: Pass****7.1 Limit**

The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

7.2 Measurement Procedure**Temperature Variation**

The EUT was tested over the temperature range -30°C to +50°C in 10°C steps with 48VDC Power Supply. At each temperature step, the Base Station was configured to transmit at maximum power on the middle channel of the operating band.

Voltage Variation

The EUT was tested at the supplied voltages varied from 85 to 115 percent of the nominal values of 48VDC. At +20°C, the Base Station was configured to transmit at maximum power on the middle channel of the frequency block.

7.3 Measurement result

Frequency Error – Temperature Variation

NR-1C-B66, Channel Bandwidth: 40MHz

Antenna Port	Modulation	Temperature (°C)	Frequency Stability (Hz)		
			Channel Position B	Channel Position M	Channel Position T
D	256QAM	55	0.36	-0.27	-0.11
		50	0.13	-0.27	0.47
		40	-0.11	0.07	0.49
		30	-0.10	-0.26	0.18
		20	-0.06	0.47	-0.27
		10	0.26	0.31	-0.20
		0	-0.12	0.64	-1.31
		-10	0.32	-0.24	-0.18
		-20	-0.06	0.04	0.51
		-30	-0.14	-0.19	0.06
		-40	0.05	0.09	0.43

Frequency Error – Voltage Variation

NR-1C-B66, Channel Bandwidth: 40MHz

Antenna Port	Modulation	Temperature (°C)	Supply Voltage (V)	Frequency Stability (Hz)		
				Channel Position B	Channel Position M	Channel Position T
D	256QAM	20	-40.8	2.46	-0.56	0.60
			-48	-0.06	0.47	-0.27
			-55.2	0.09	-0.03	-0.14

Frequency Error – Temperature Variation

NR-1C-B70, Channel Bandwidth: 25MHz

Antenna Port	Modulation	Temperature (°C)	Frequency Stability (Hz)		
			Channel Position B	Channel Position M	Channel Position T
C	256QAM	55	-	0.44	-
		50	-	0.41	-
		40	-	0.08	-
		30	-	-0.55	-
		20	-	0.70	-
		10	-	-0.09	-
		0	-	-0.02	-
		-10	-	0.18	-
		-20	-	0.32	-
		-30	-	1.45	-
-40	-	-0.39	-		

Frequency Error – Voltage Variation

NR-1C-B70, Channel Bandwidth: 25MHz

Antenna Port	Modulation	Temperature (°C)	Supply Voltage (V)	Frequency Stability (Hz)		
				Channel Position B	Channel Position M	Channel Position T
C	256QAM	20	-40.8	-	0.18	-
			-48	-	0.70	-
			-55.2	-	0.25	-

***** END *****