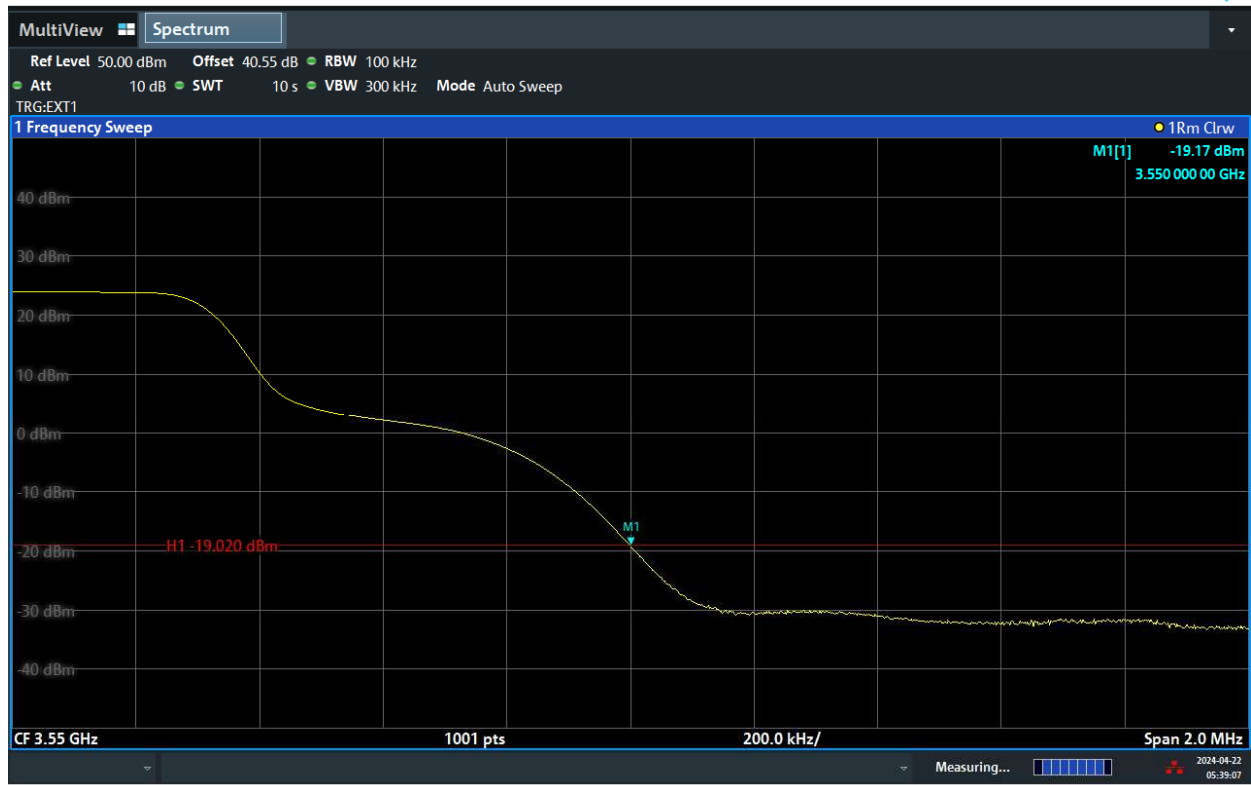
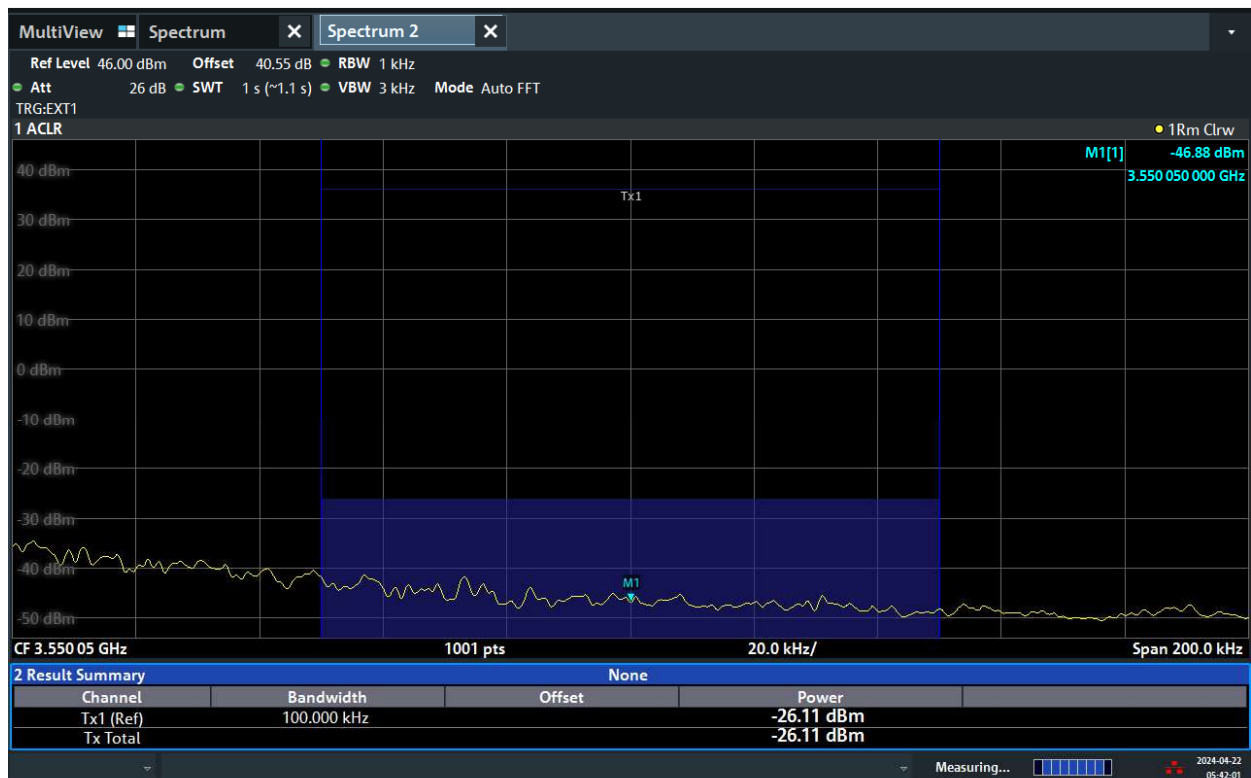


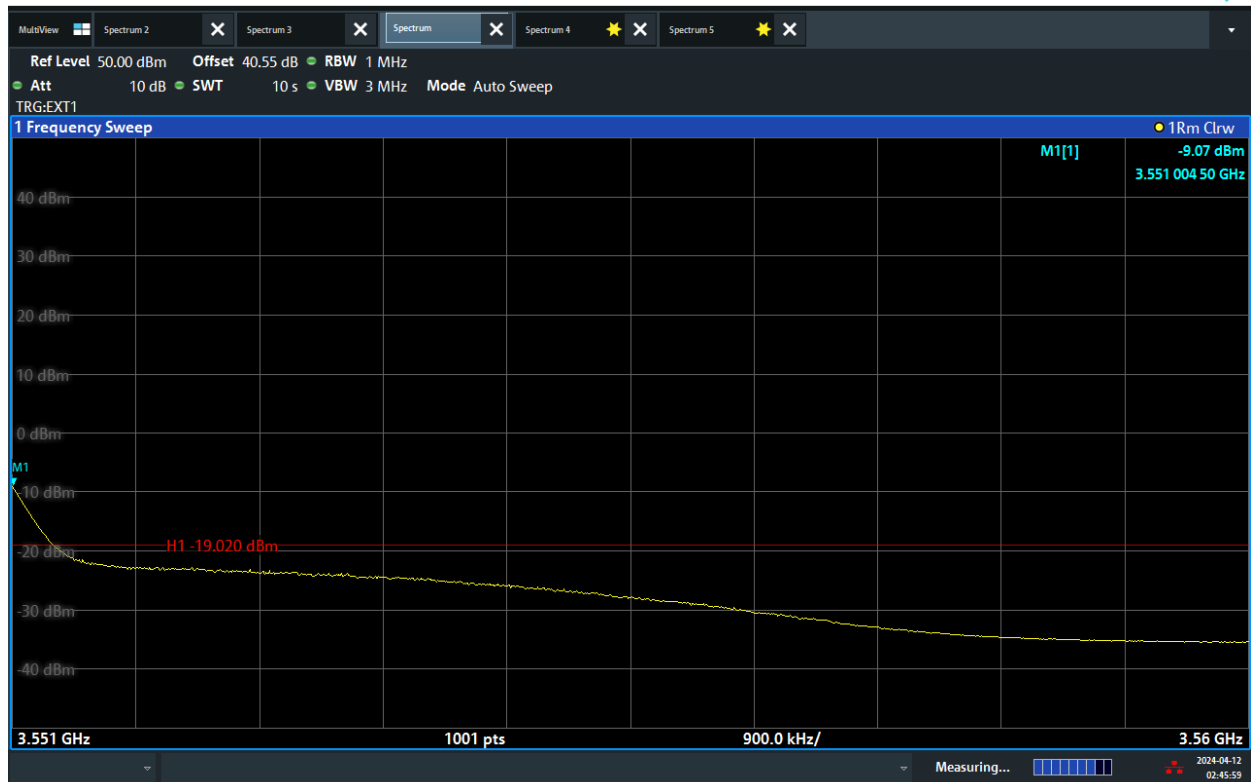
### Channel Position T



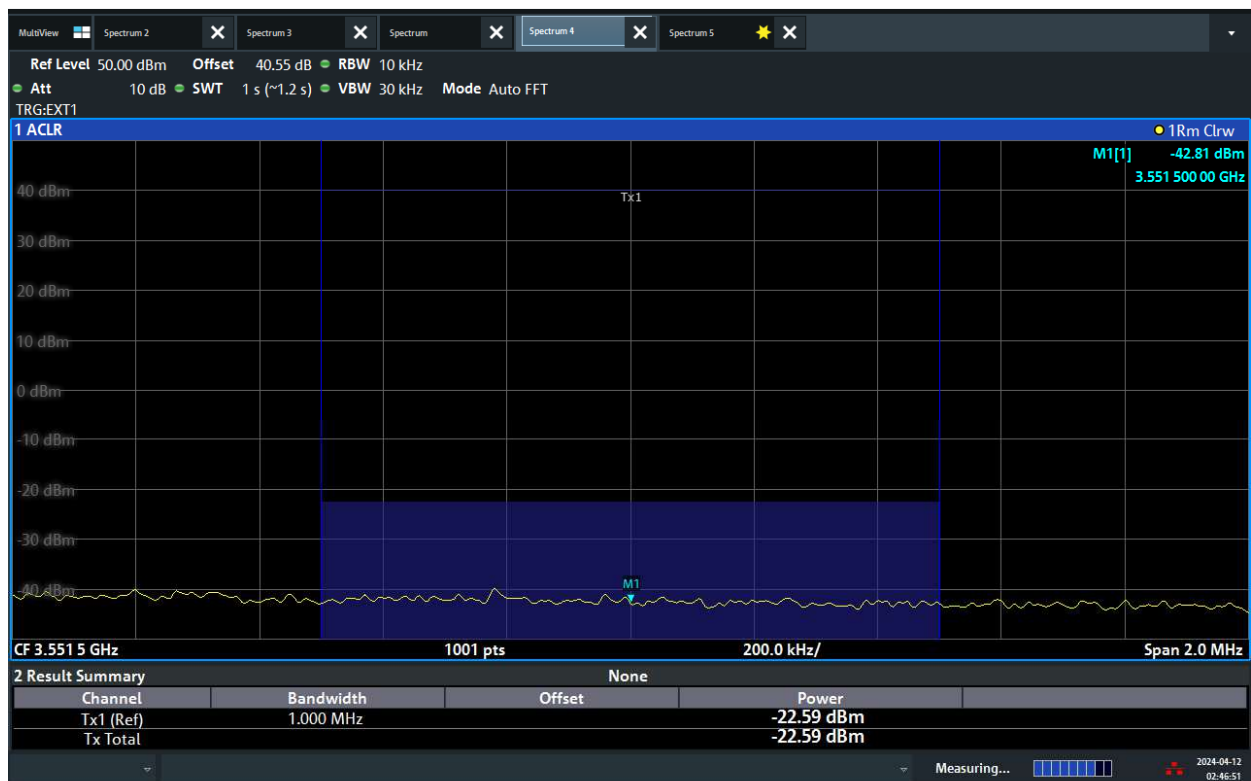
05:39:07 AM 04/22/2024



05:42:02 AM 04/22/2024

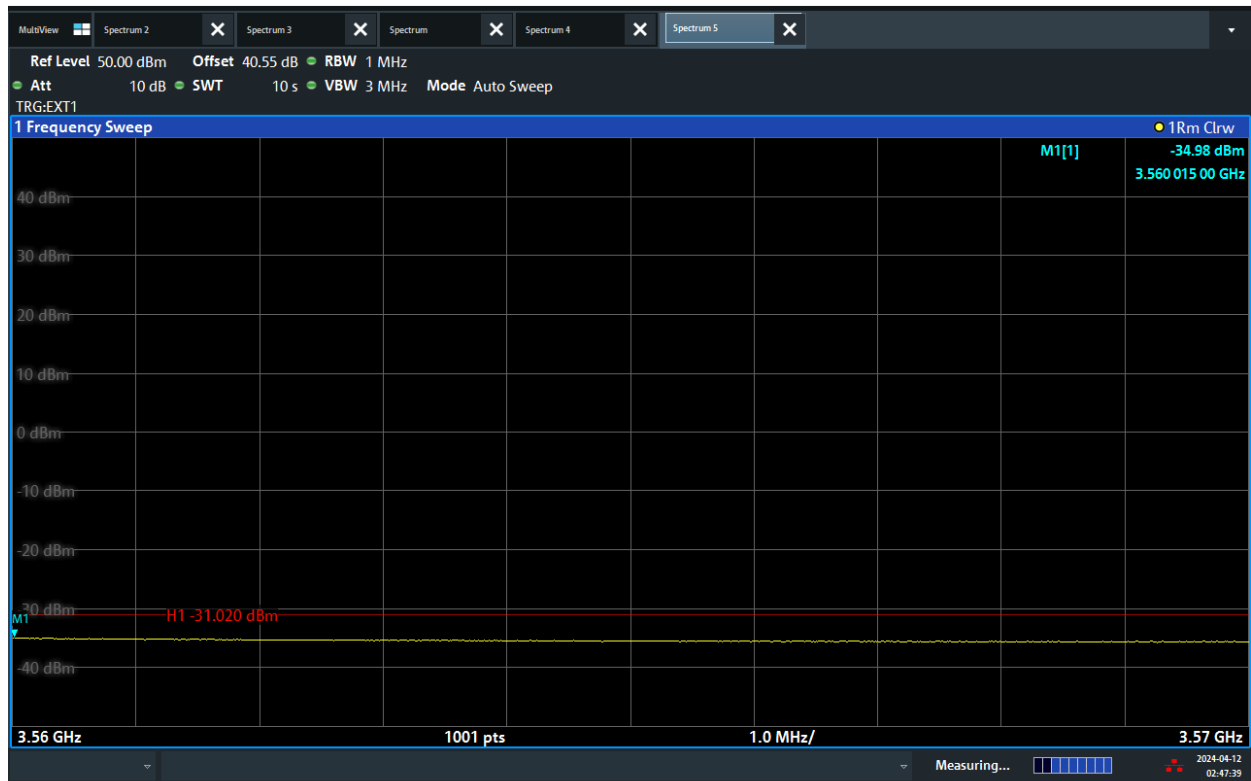


02:45:59 AM 04/12/2024



02:46:52 AM 04/12/2024

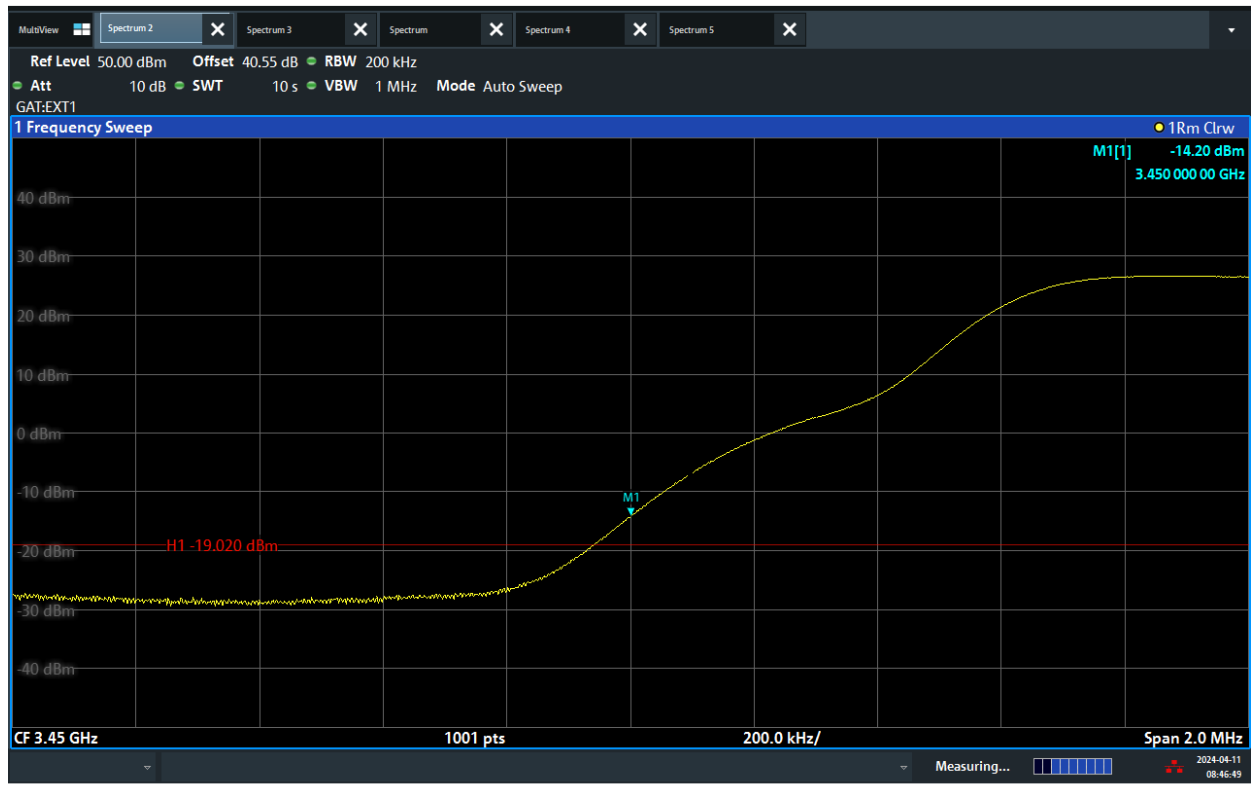
## TEST REPORT



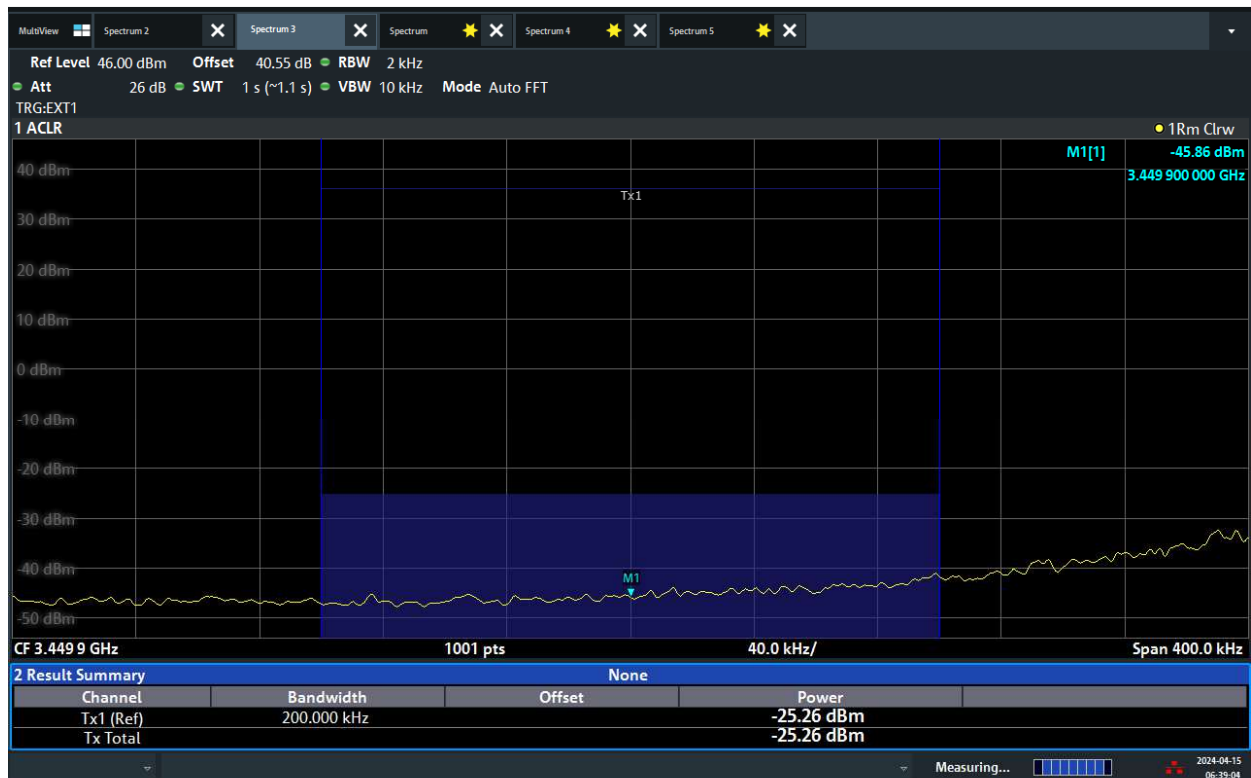
02:47:40 AM 04/12/2024

Antenna Port	Channel Position	Modulation	BW (MHz)	Frequency range (MHz)	RBW (kHz)	Limit (dBm)
C	B	256QAM	15	3449-3450	200	-19.02
				3440-3449	1000	-19.02
				3430-3440	1000	-31.02
C	T	256QAM	15	3550-3551	200	-19.02
				3551-3560	1000	-19.02
				3560-3570	1000	-31.02

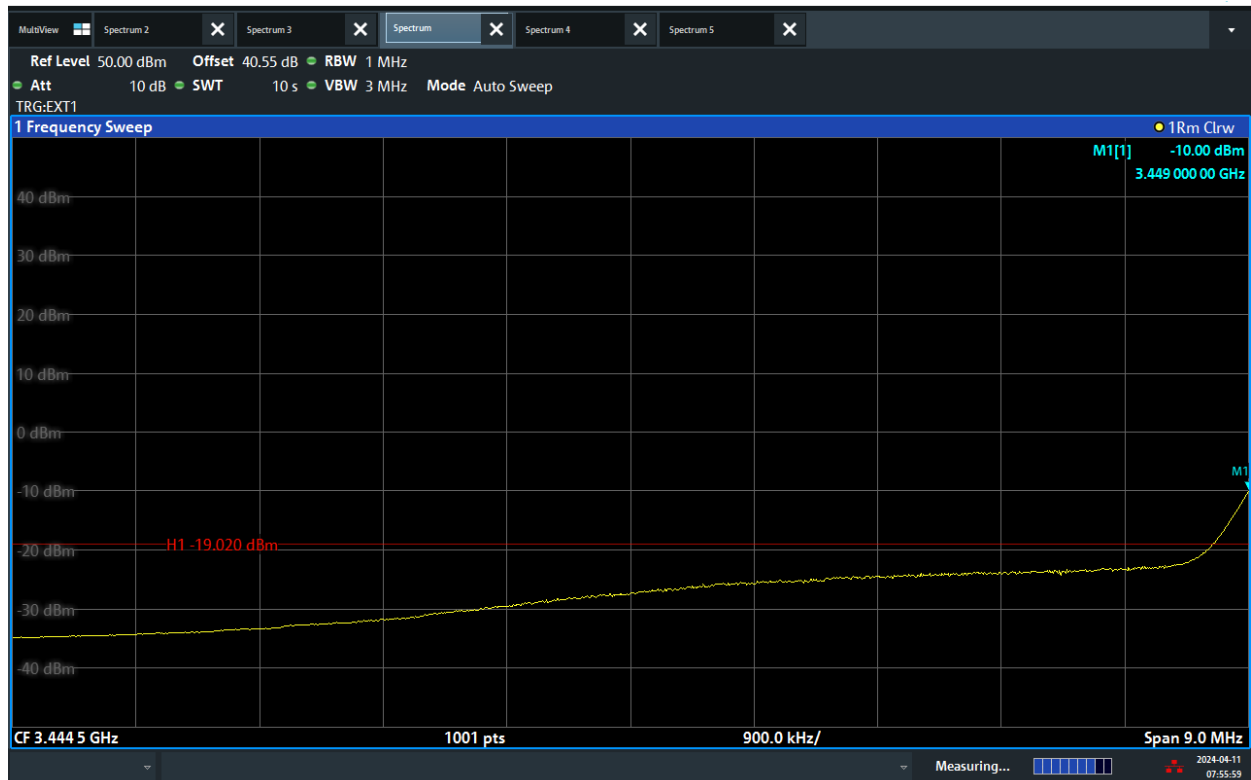
### Channel Position B



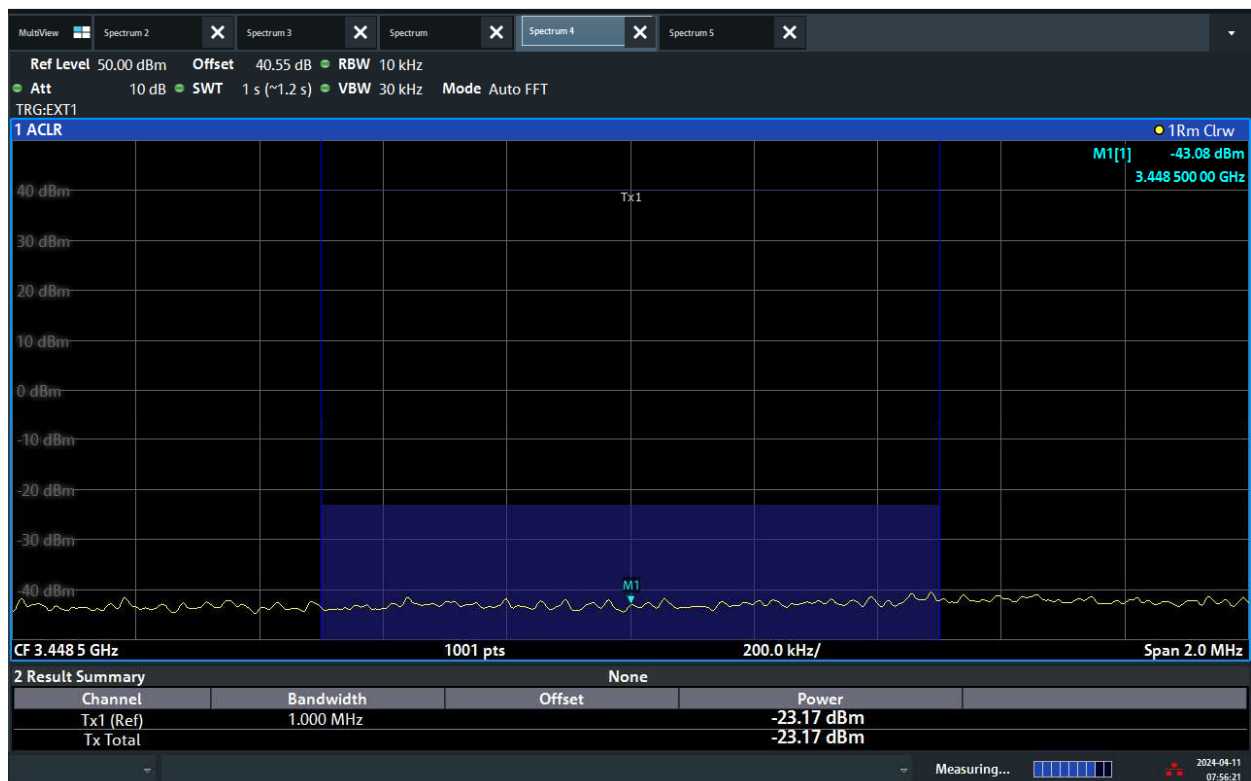
08:46:49 AM 04/11/2024



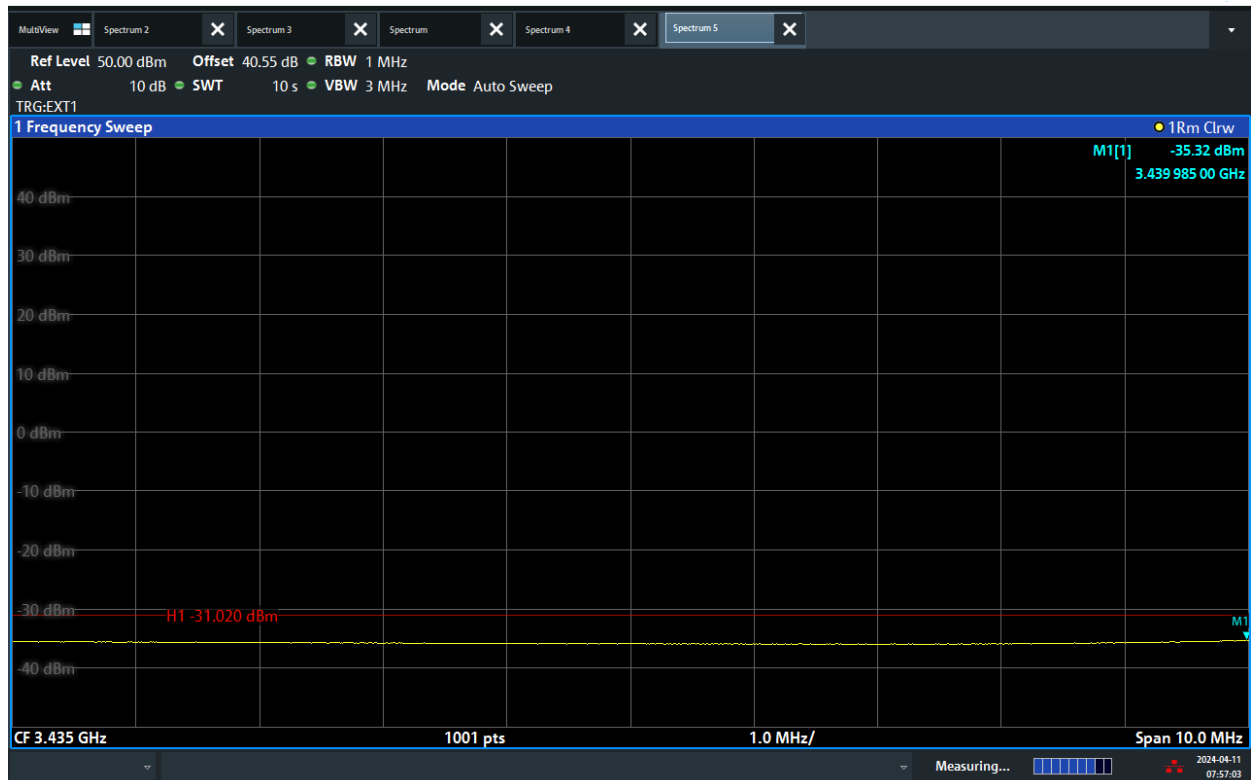
06:39:05 AM 04/15/2024



07:56:00 AM 04/11/2024

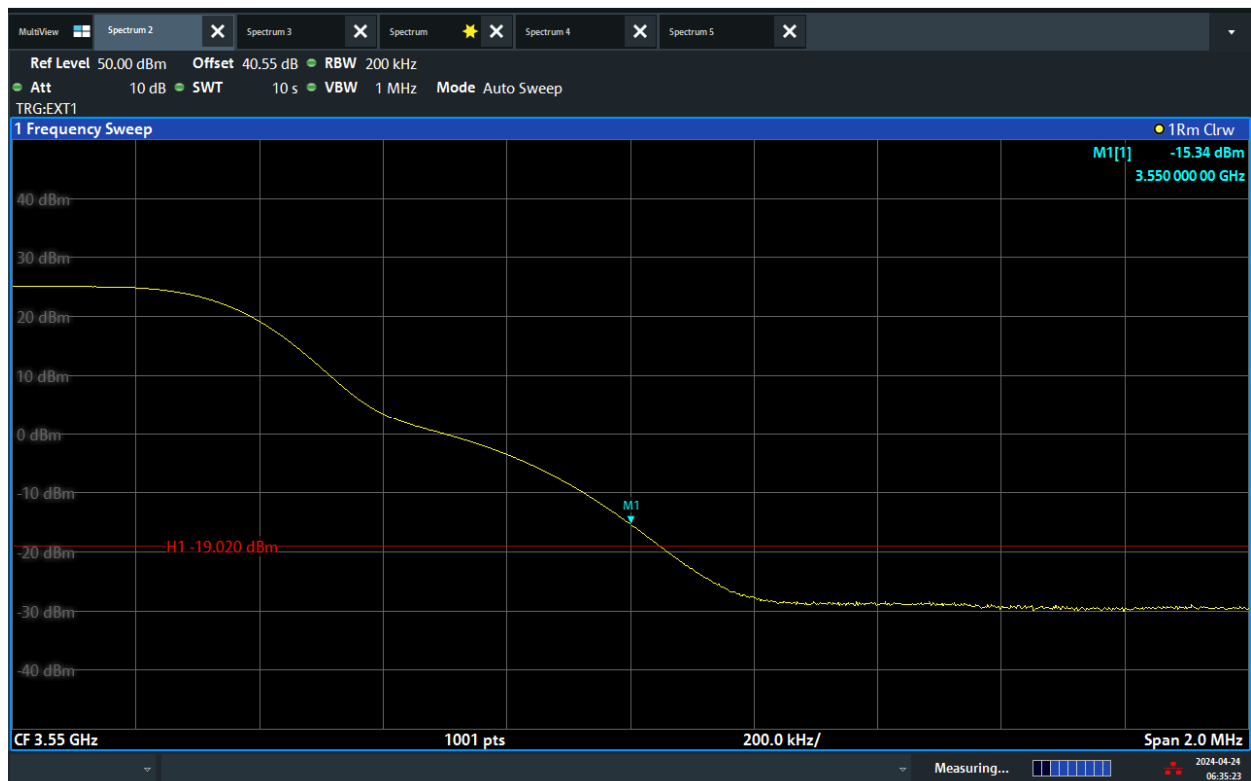


07:56:21 AM 04/11/2024



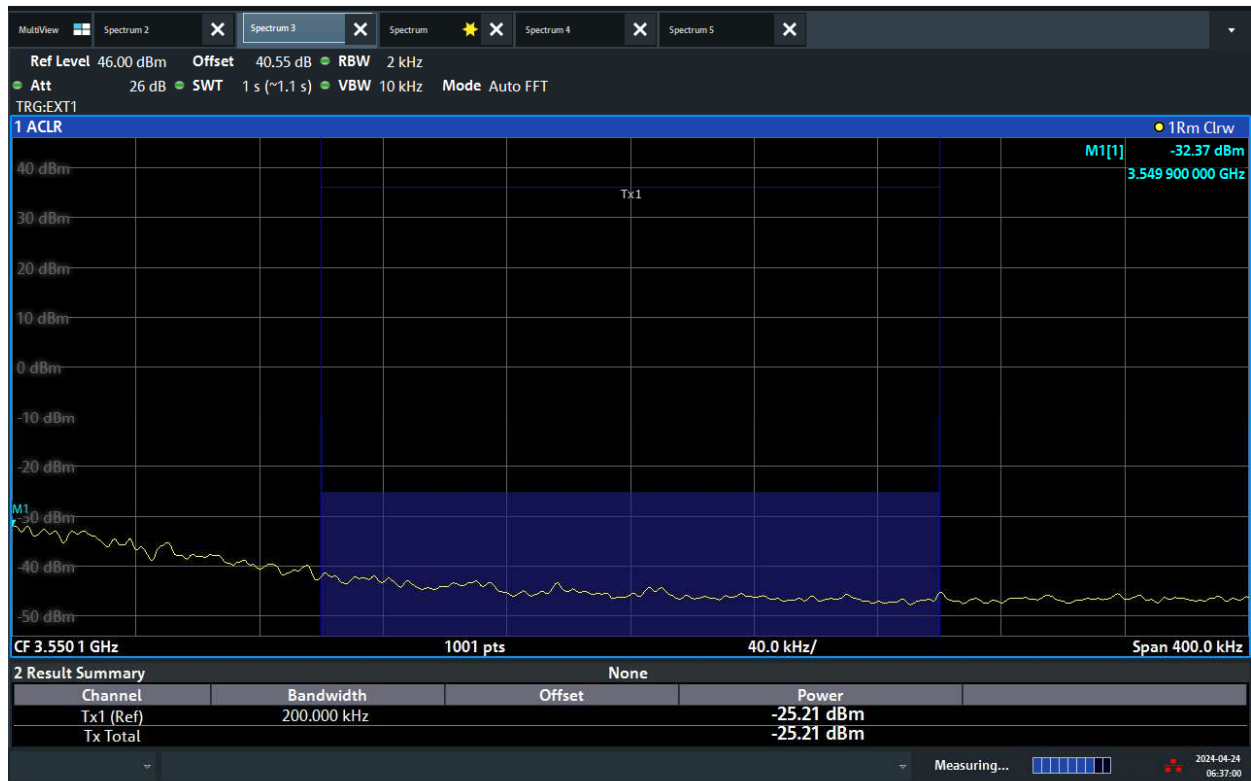
07:57:04 AM 04/11/2024

### Channel Position T

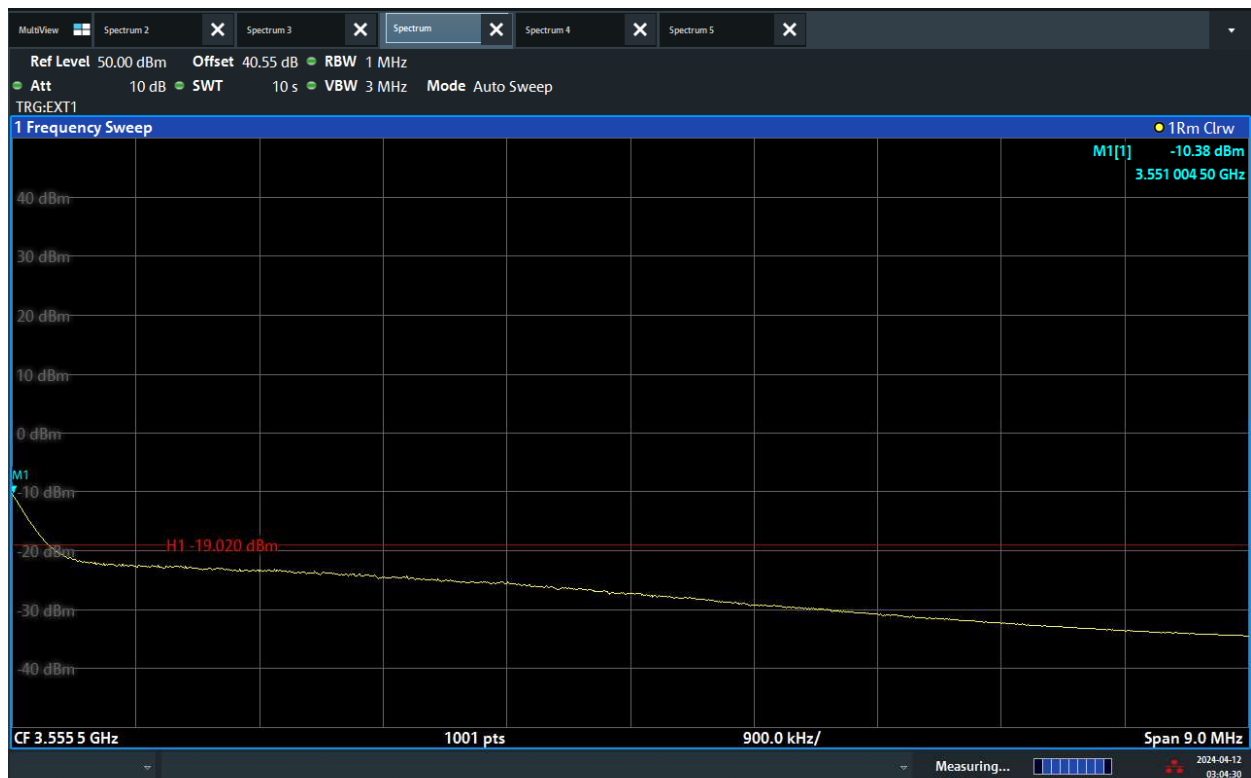


06:35:24 AM 04/24/2024

## TEST REPORT

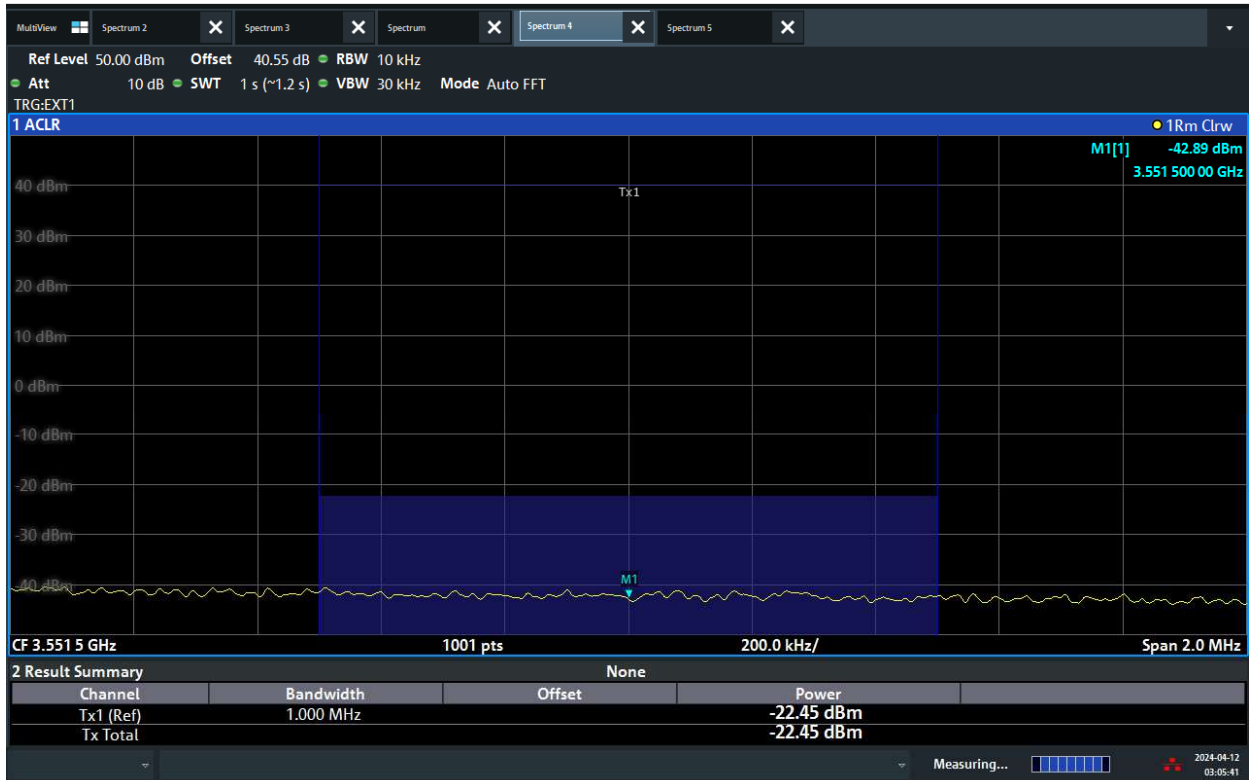


06:37:01 AM 04/24/2024

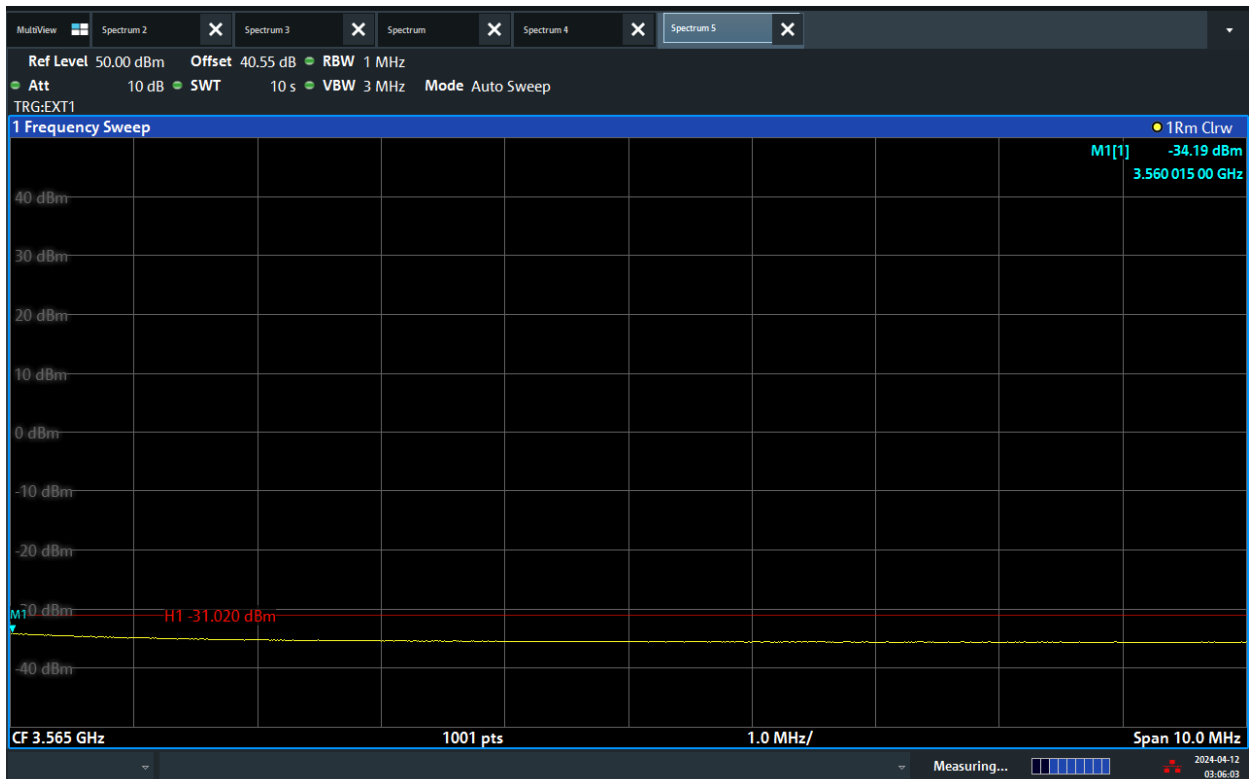


03:04:31 AM 04/12/2024

## TEST REPORT



03:05:41 AM 04/12/2024



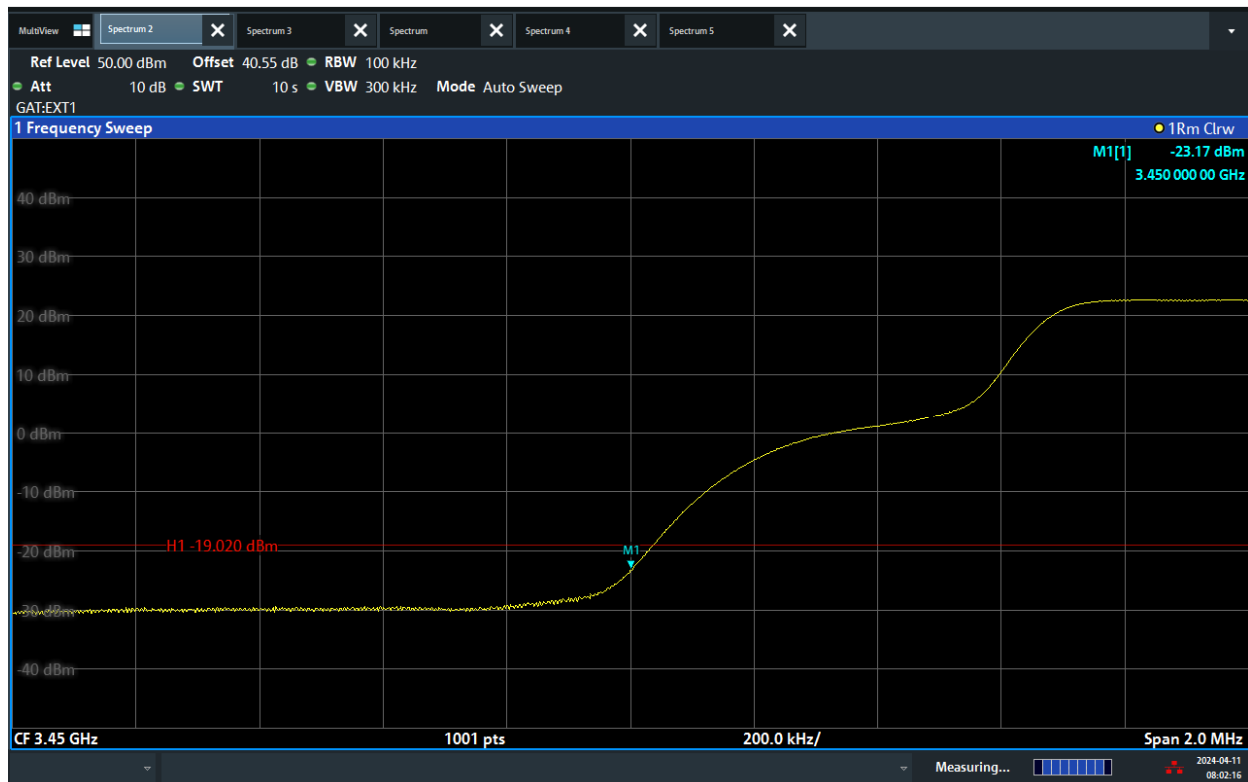
03:06:03 AM 04/12/2024



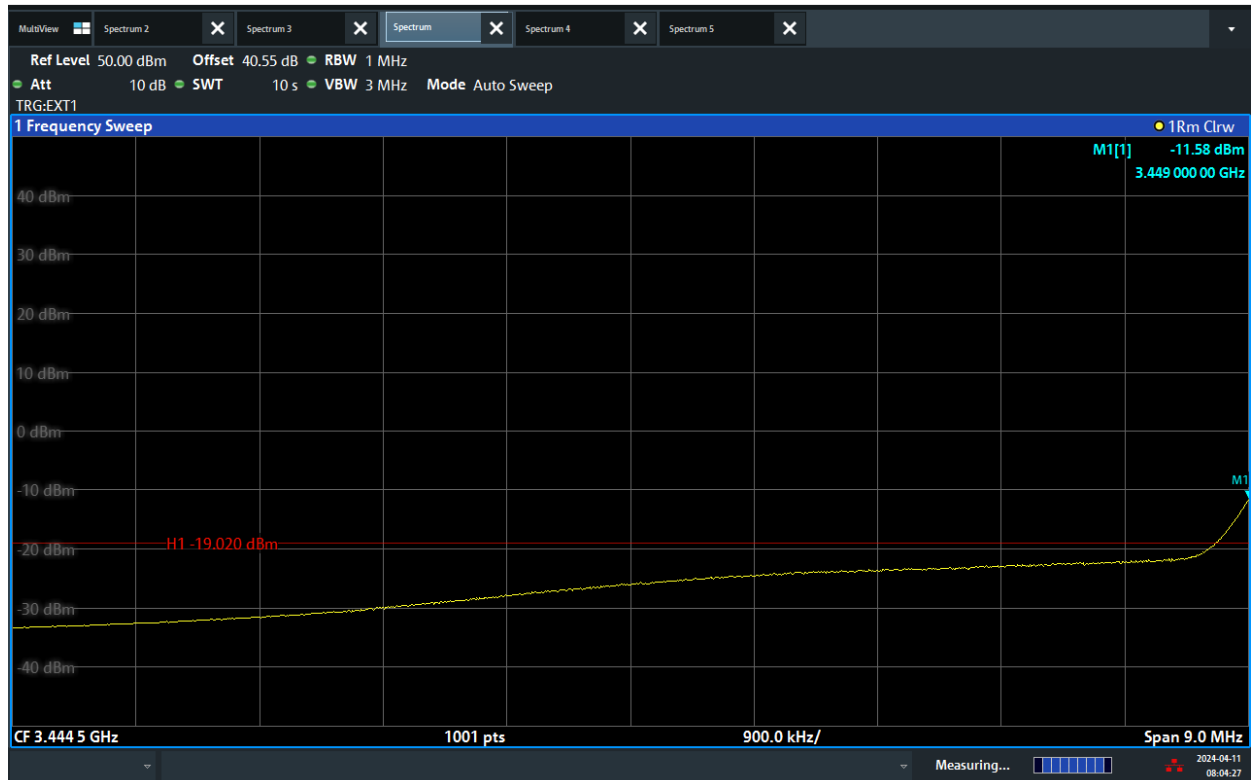
NRG-2C-UE

Antenna Port	Channel Position	Modulation	BW (MHz)	Frequency range (MHz)	RBW (kHz)	Limit (dBm)
C	B	256QAM	10	3449-3450	100	-19.02
				3440-3449	1000	-19.02
				3430-3440	1000	-31.02
C	T	256QAM	10	3550-3551	100	-19.02
				3551-3560	1000	-19.02
				3560-3570	1000	-31.02

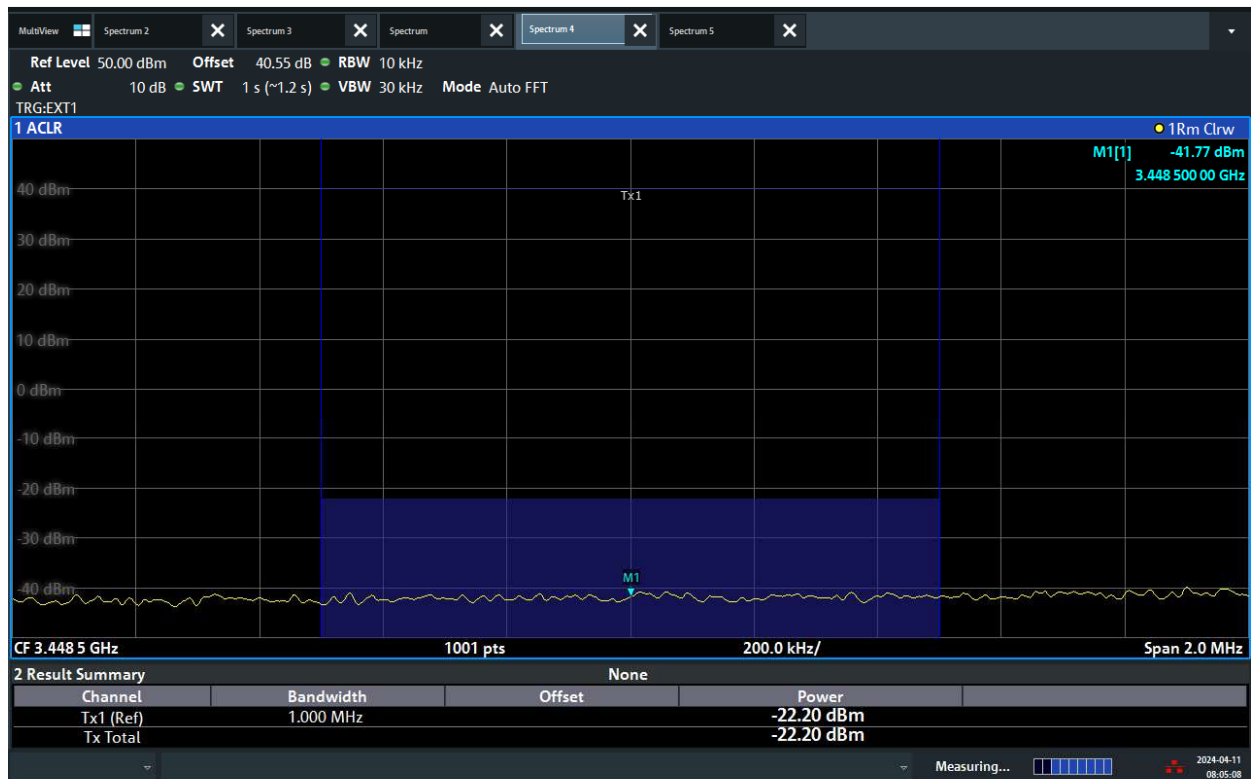
Channel Position B



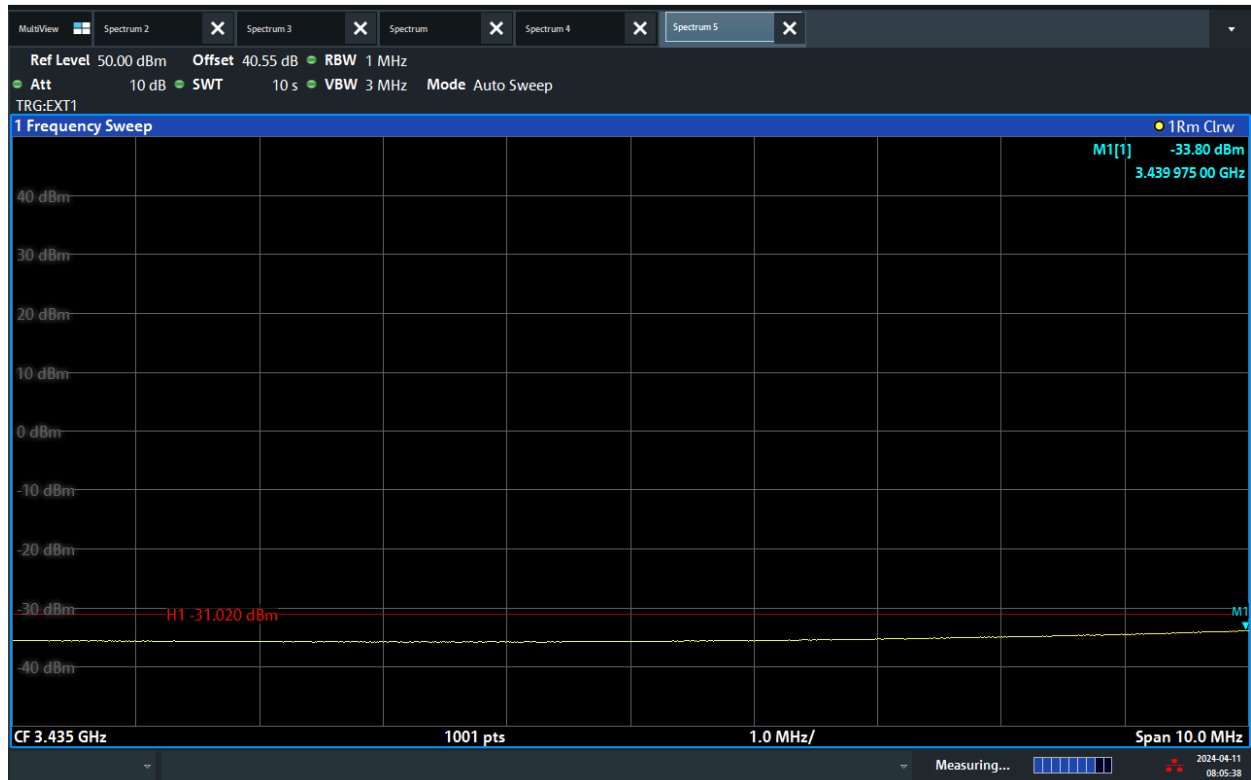
08:02:17 AM 04/11/2024



08:04:28 AM 04/11/2024

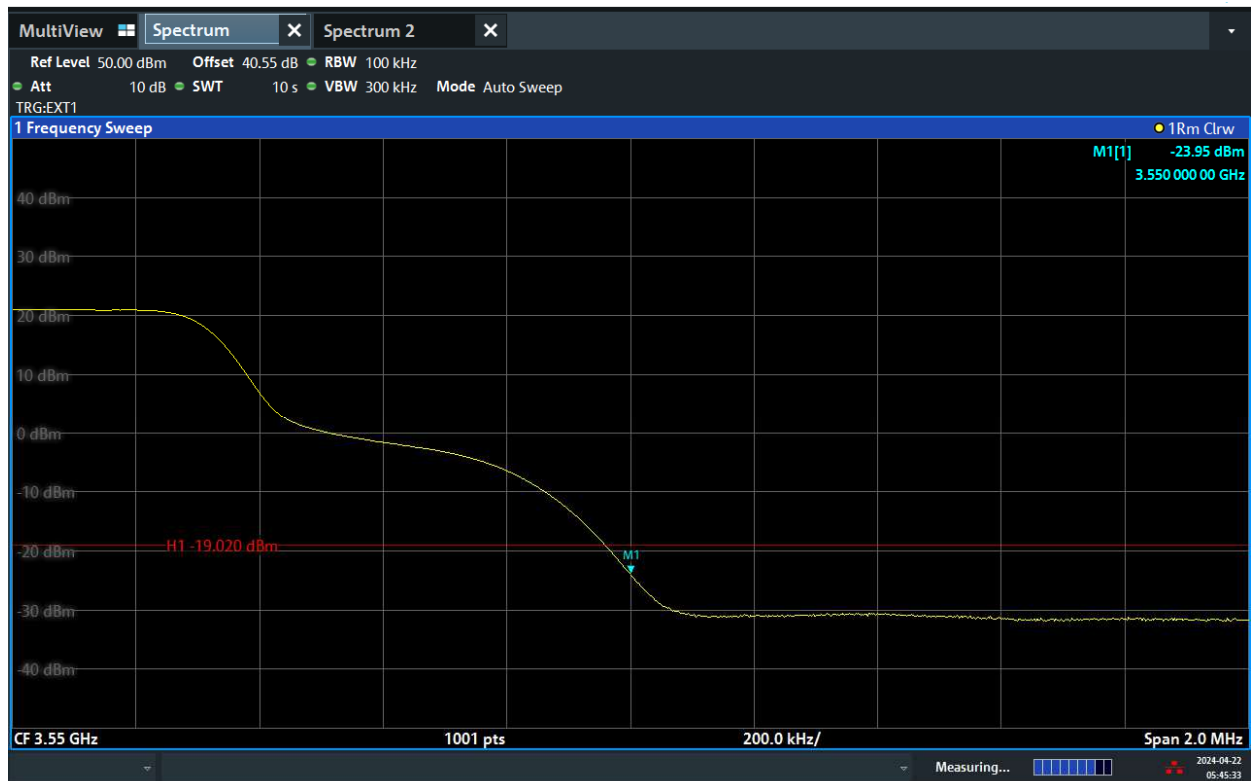


08:05:08 AM 04/11/2024



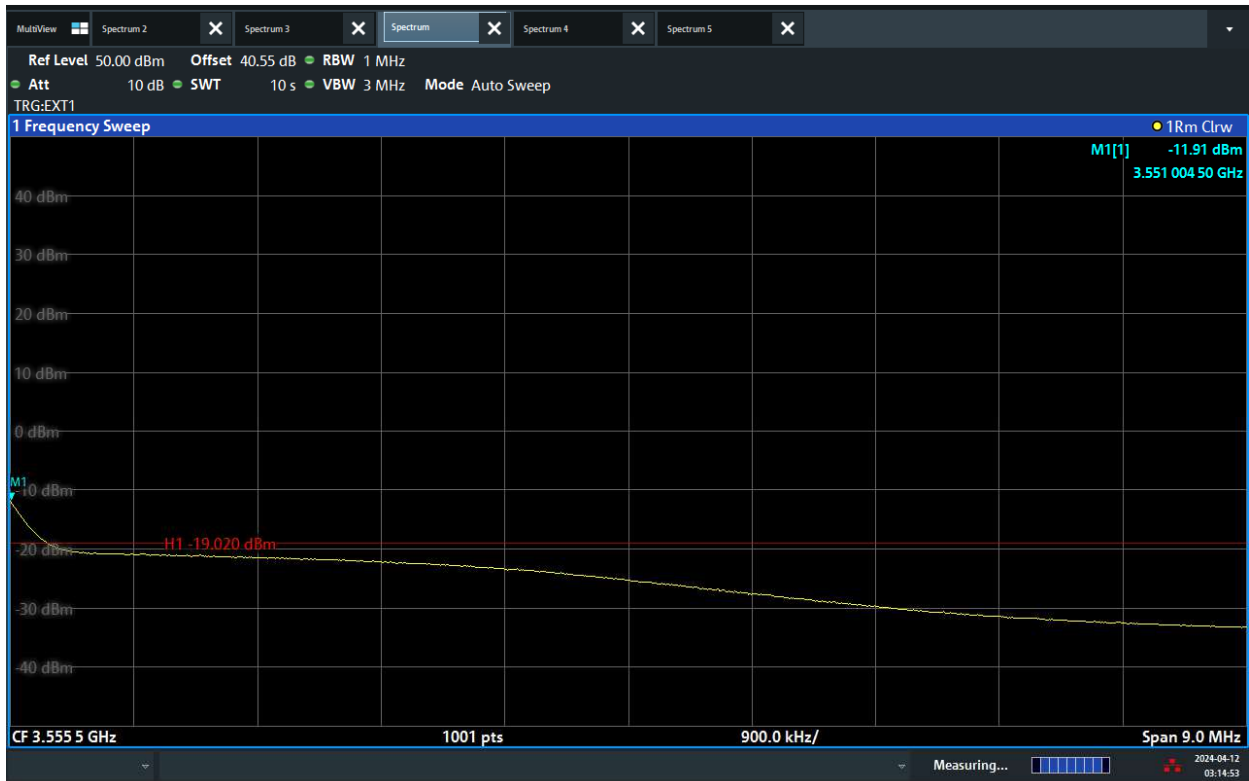
08:05:39 AM 04/11/2024

### Channel Position T

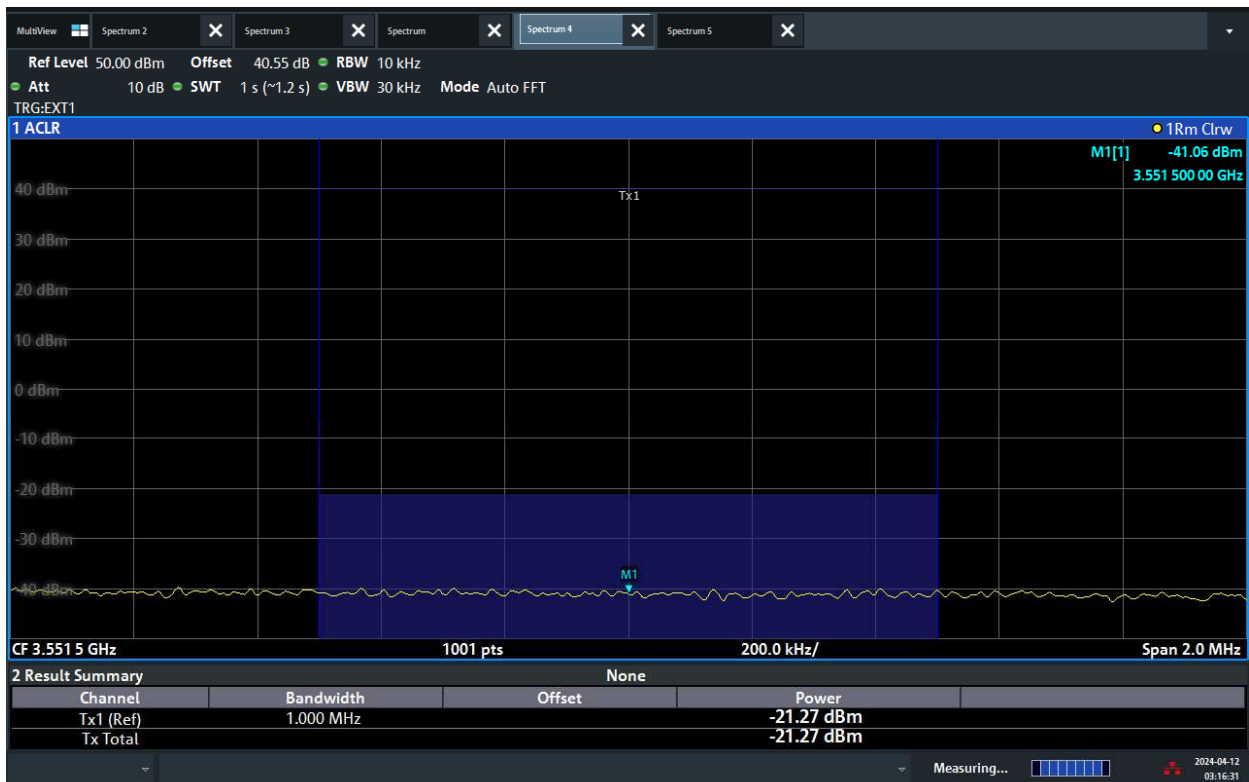


05:45:33 AM 04/22/2024

## TEST REPORT

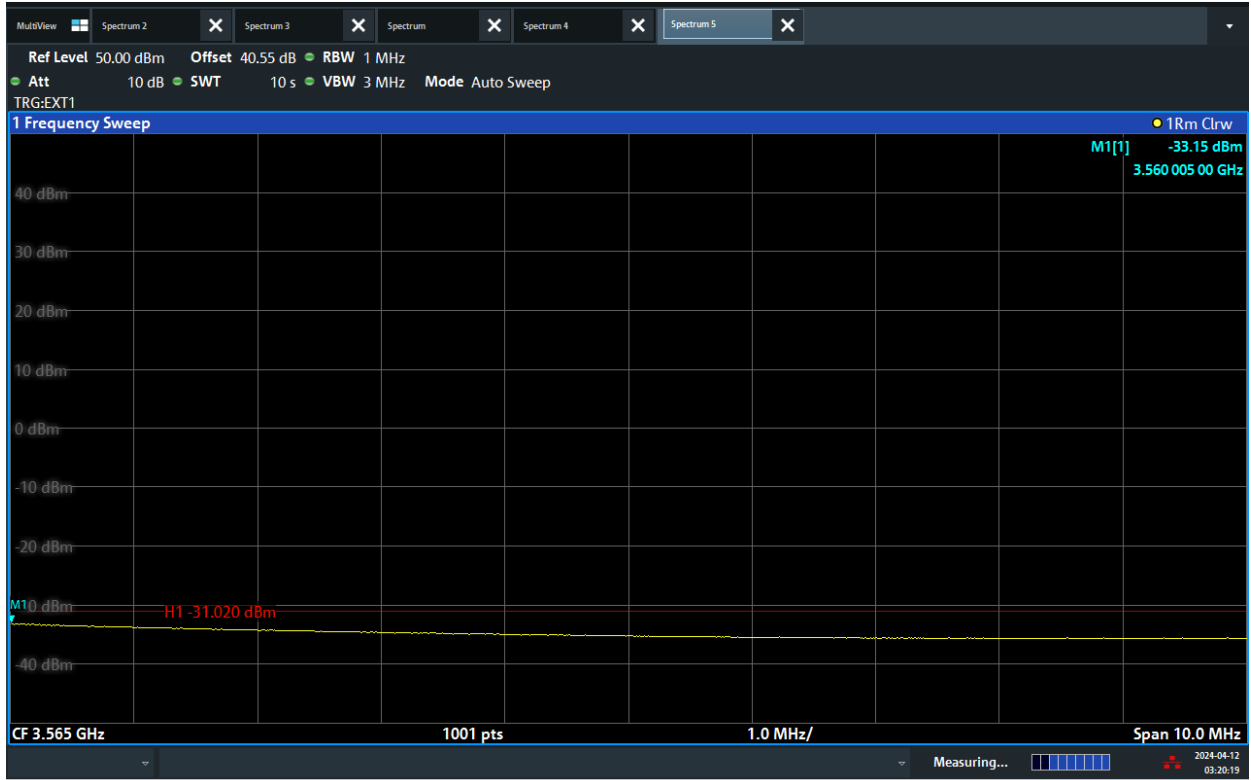


03:14:53 AM 04/12/2024



03:16:31 AM 04/12/2024

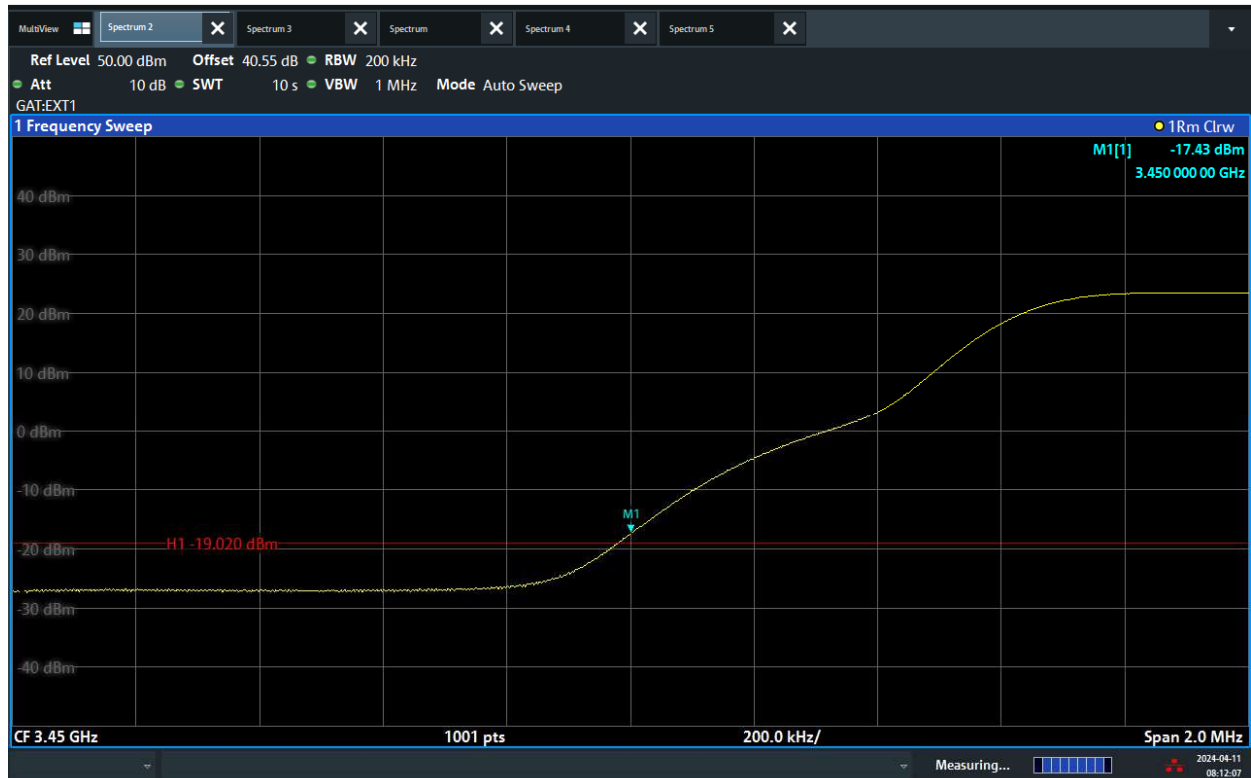
## TEST REPORT



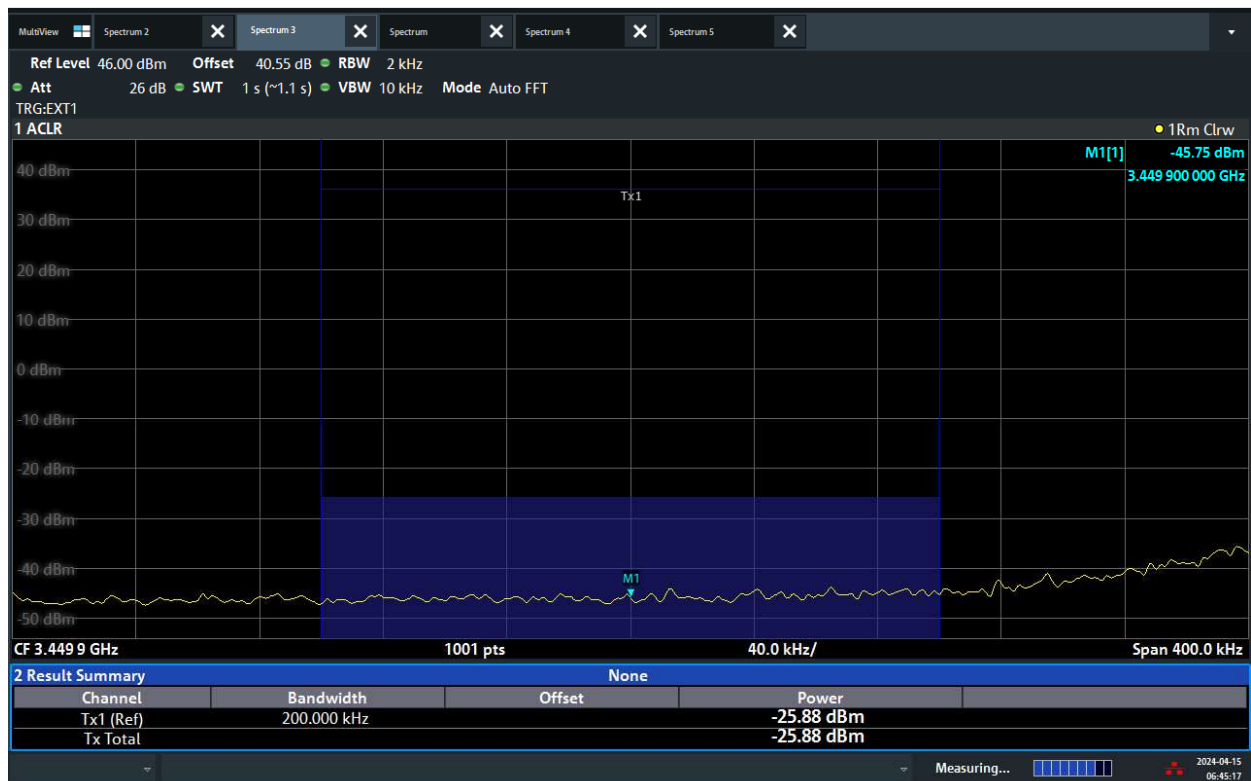
03:20:19 AM 04/12/2024

Antenna Port	Channel Position	Modulation	BW (MHz)	Frequency range (MHz)	RBW (kHz)	Limit (dBm)
C	B	256QAM	15	3449-3450	200	-19.02
				3440-3449	1000	-19.02
				3430-3440	1000	-31.02
C	T	256QAM	15	3550-3551	200	-19.02
				3551-3560	1000	-19.02
				3560-3570	1000	-31.02

### Channel Position B

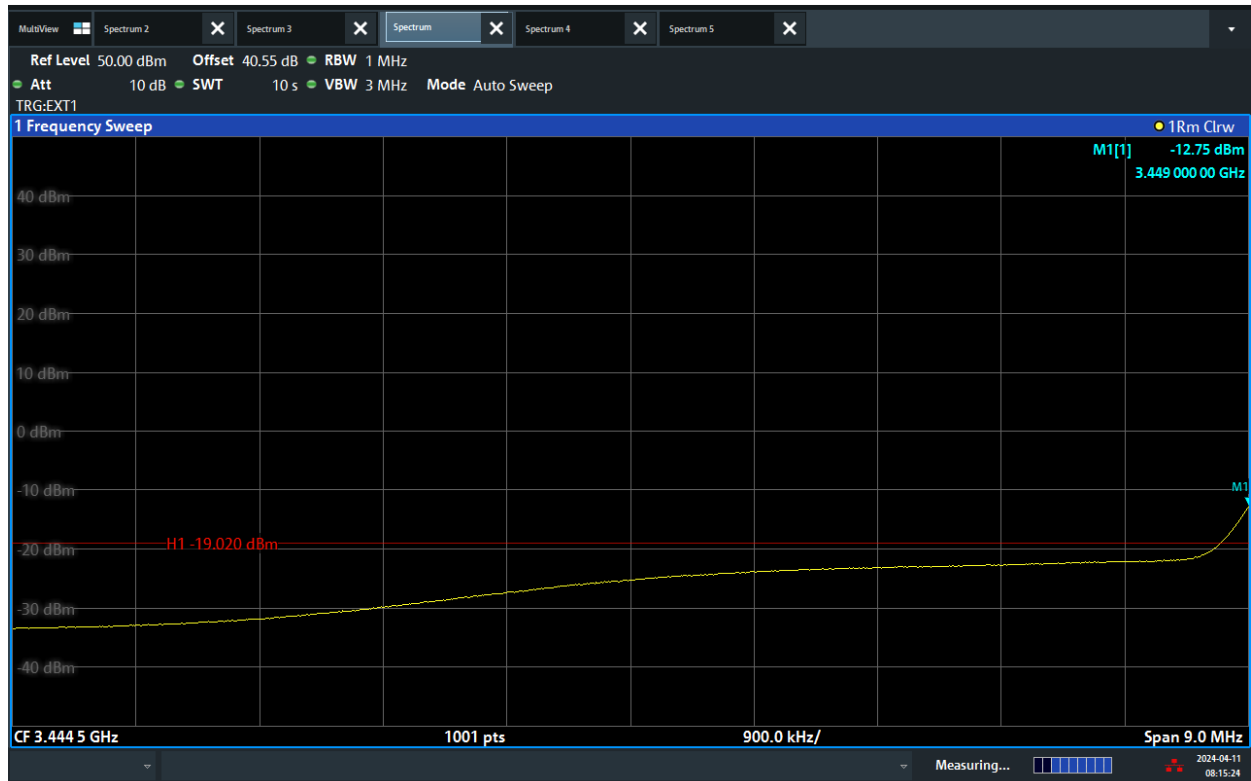


08:12:08 AM 04/11/2024

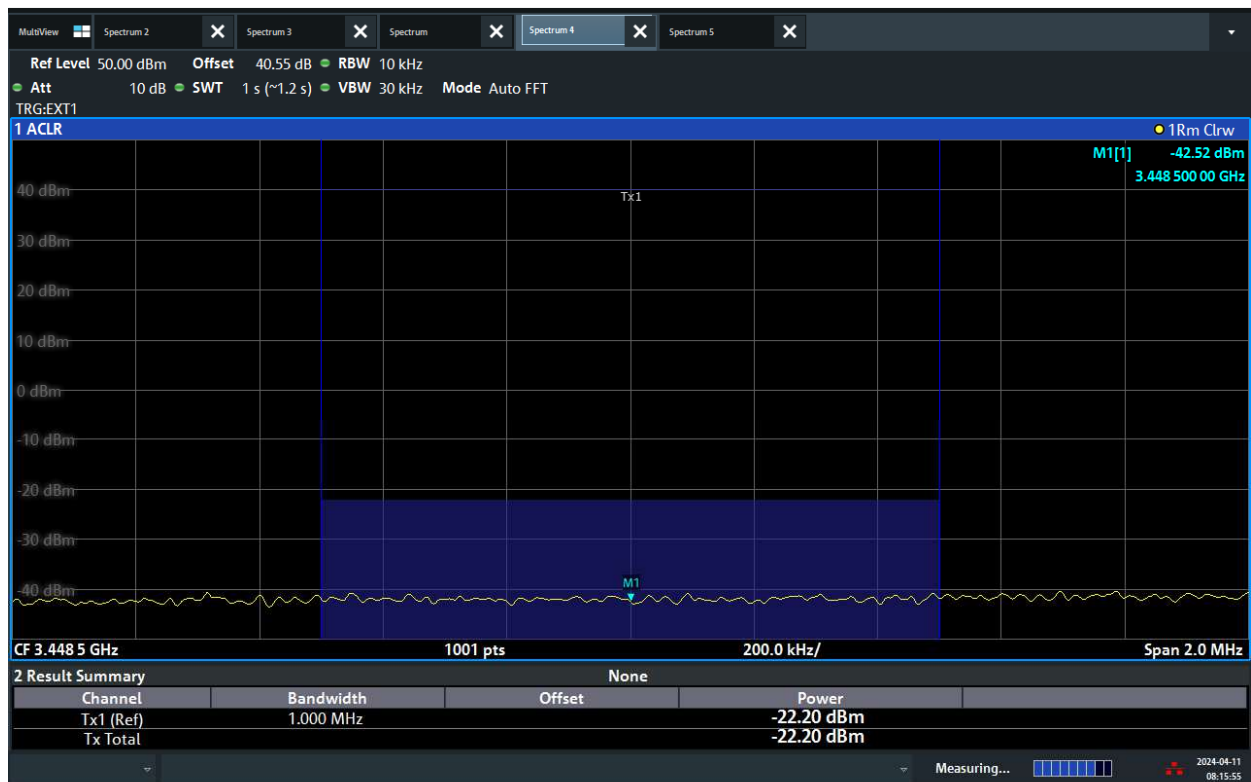


06:45:18 AM 04/15/2024

## TEST REPORT



08:15:25 AM 04/11/2024



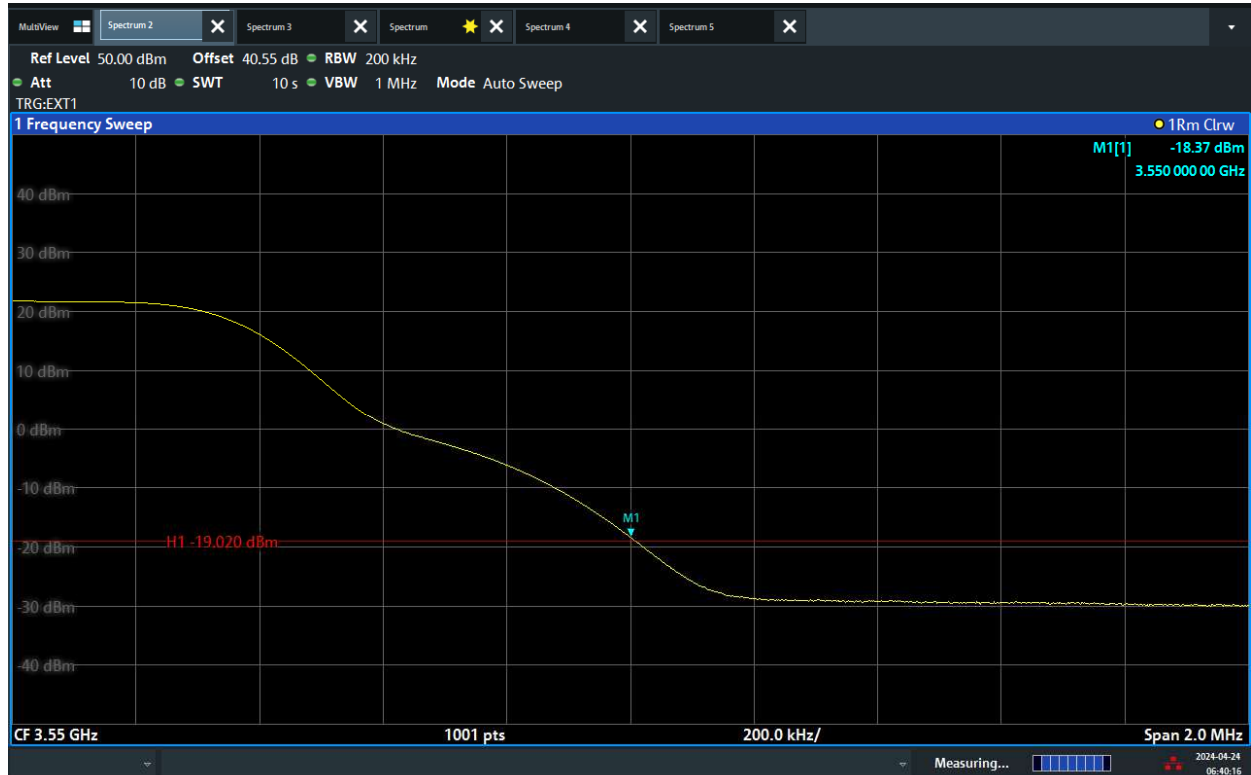
08:15:56 AM 04/11/2024

## TEST REPORT



08:49:54 AM 04/11/2024

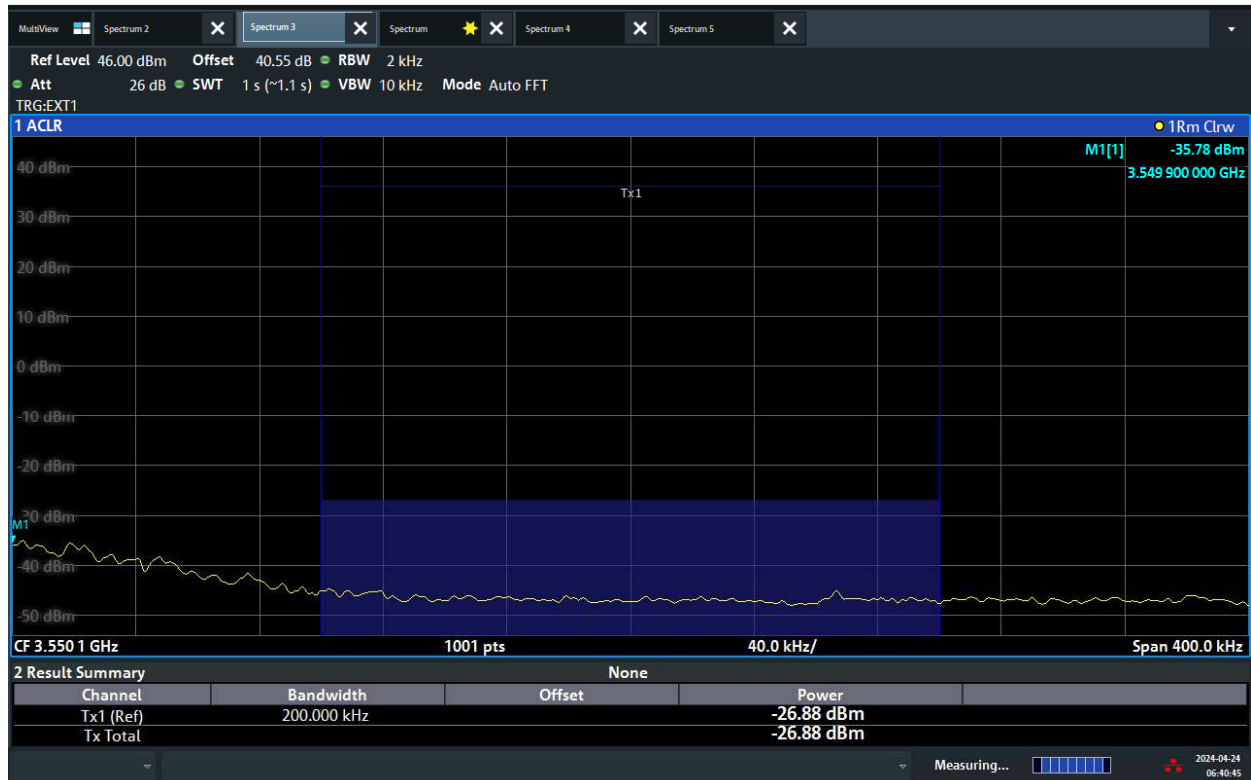
### Channel Position T



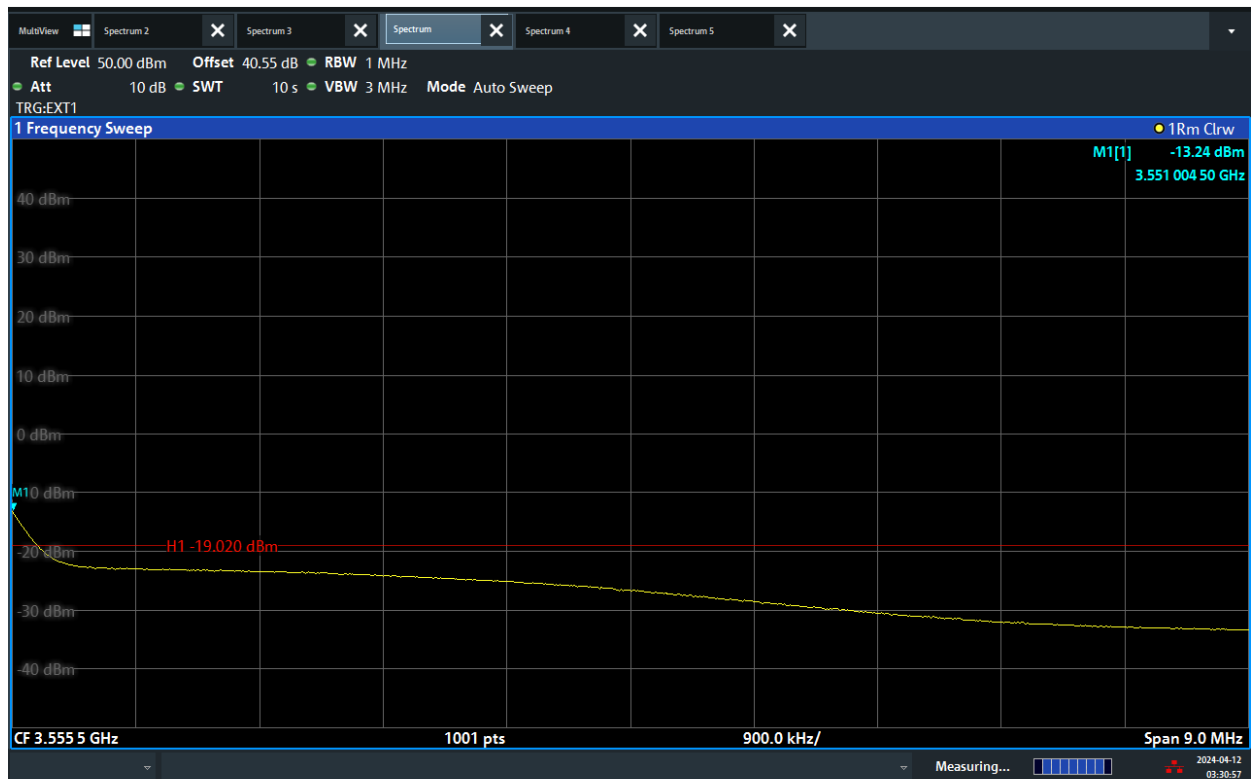
06:40:17 AM 04/24/2024



## TEST REPORT

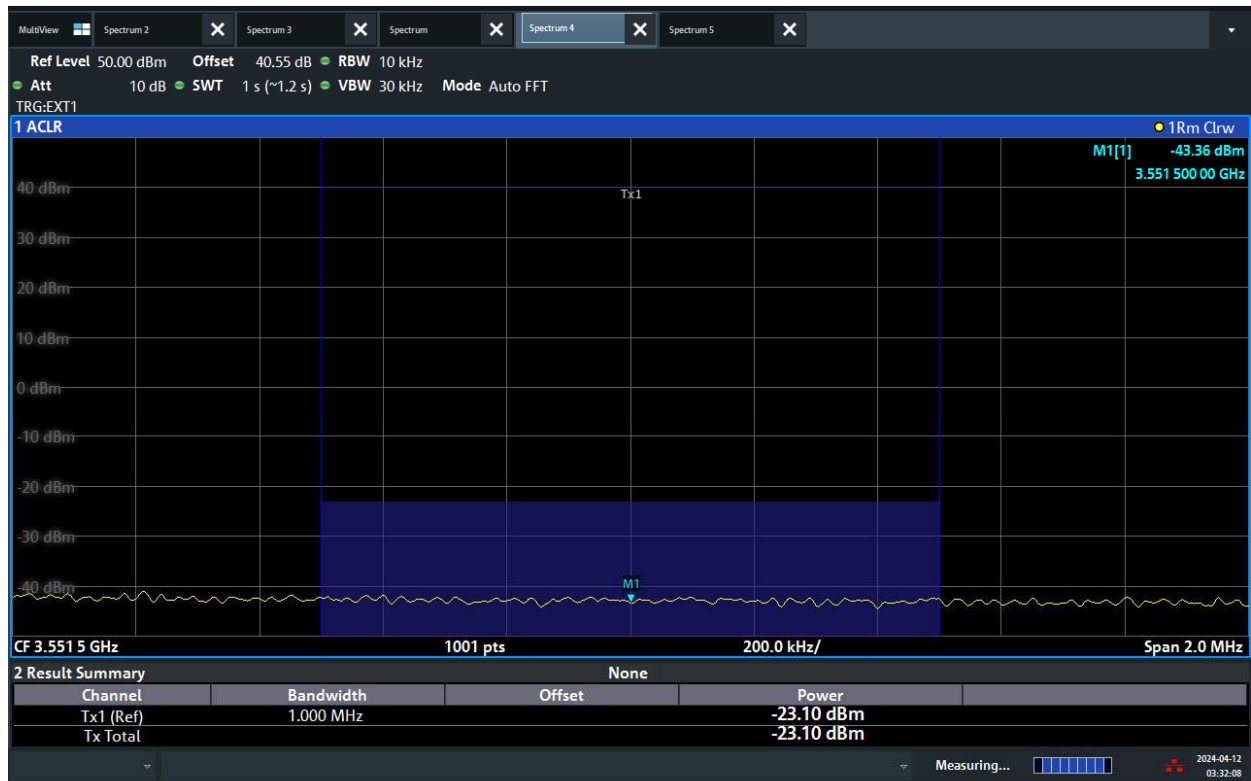


06:40:46 AM 04/24/2024

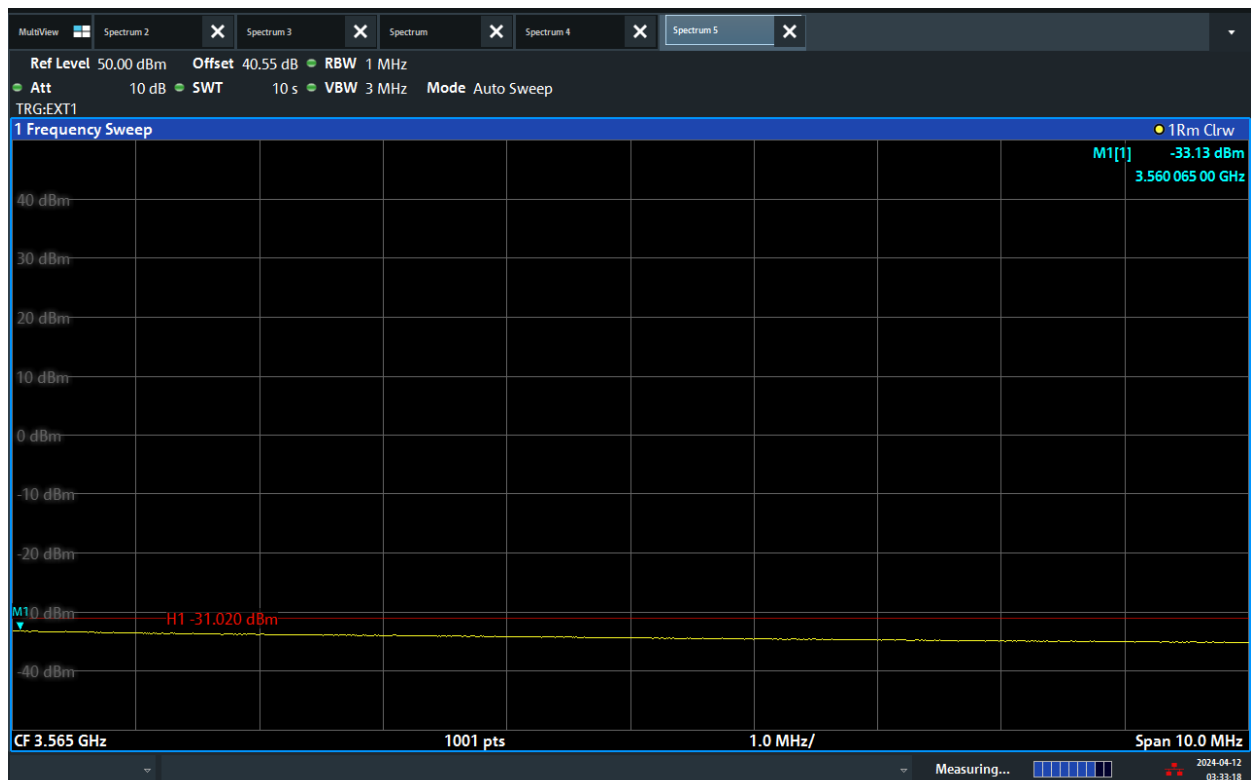


03:30:57 AM 04/12/2024

## TEST REPORT



03:32:08 AM 04/12/2024



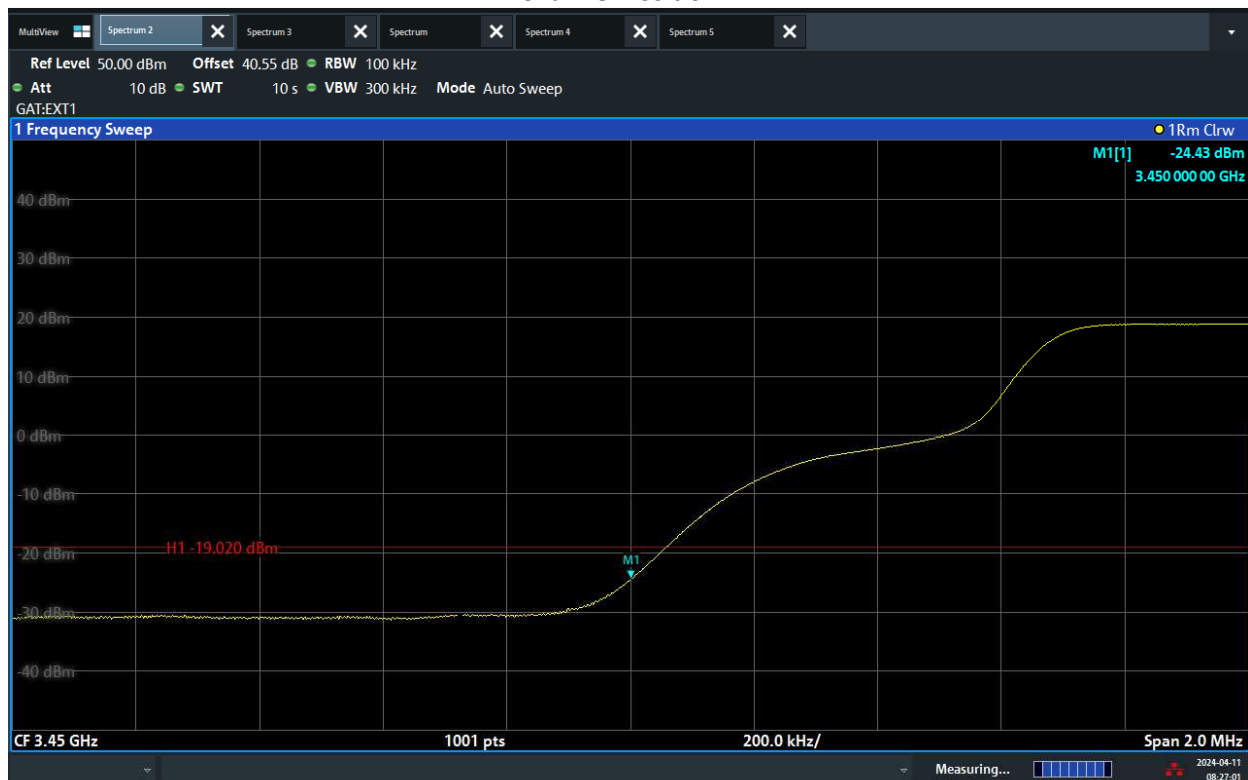
03:33:19 AM 04/12/2024

## TEST REPORT

NRG-6C-UE

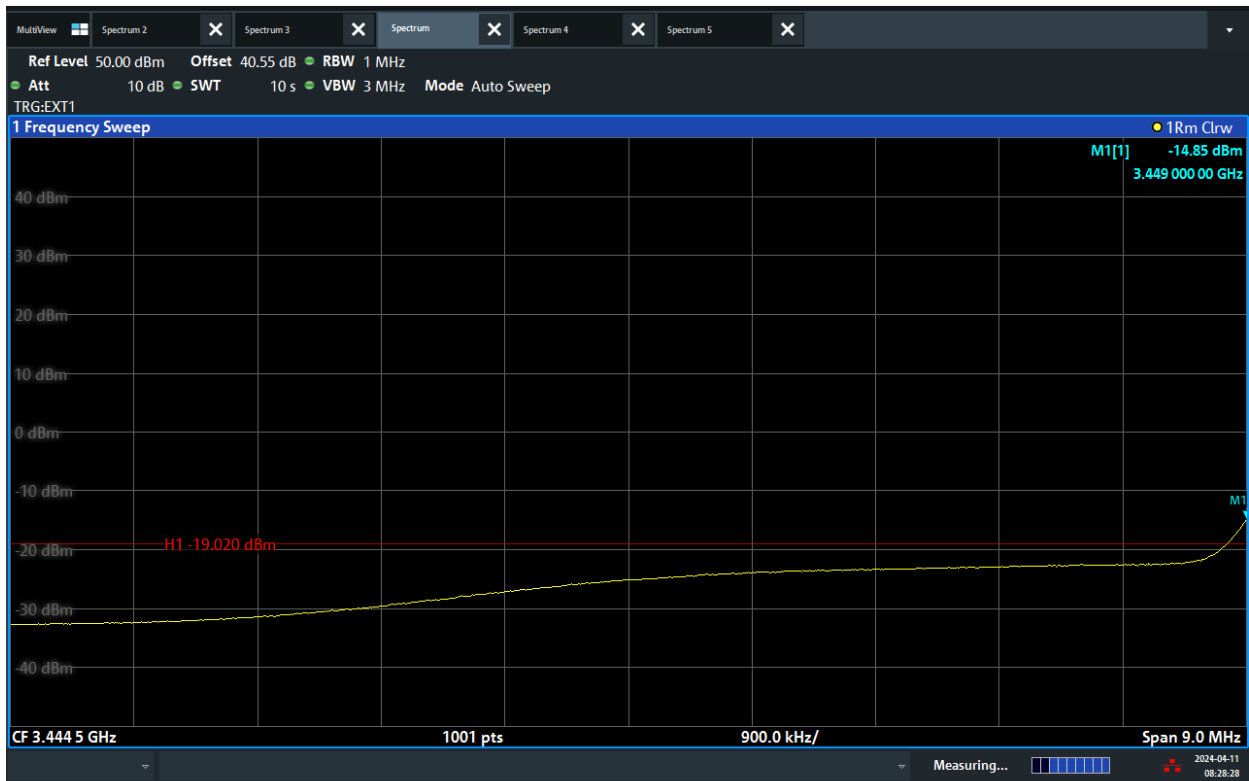
Antenna Port	Channel Position	Modulation	BW (MHz)	Frequency range (MHz)	RBW (kHz)	Limit (dBm)
C	B	256QAM	10	3449-3450	100	-19.02
				3440-3449	1000	-19.02
				3430-3440	1000	-31.02
C	T	256QAM	10	3550-3551	100	-19.02
				3551-3560	1000	-19.02
				3560-3570	1000	-31.02

### Channel Position B

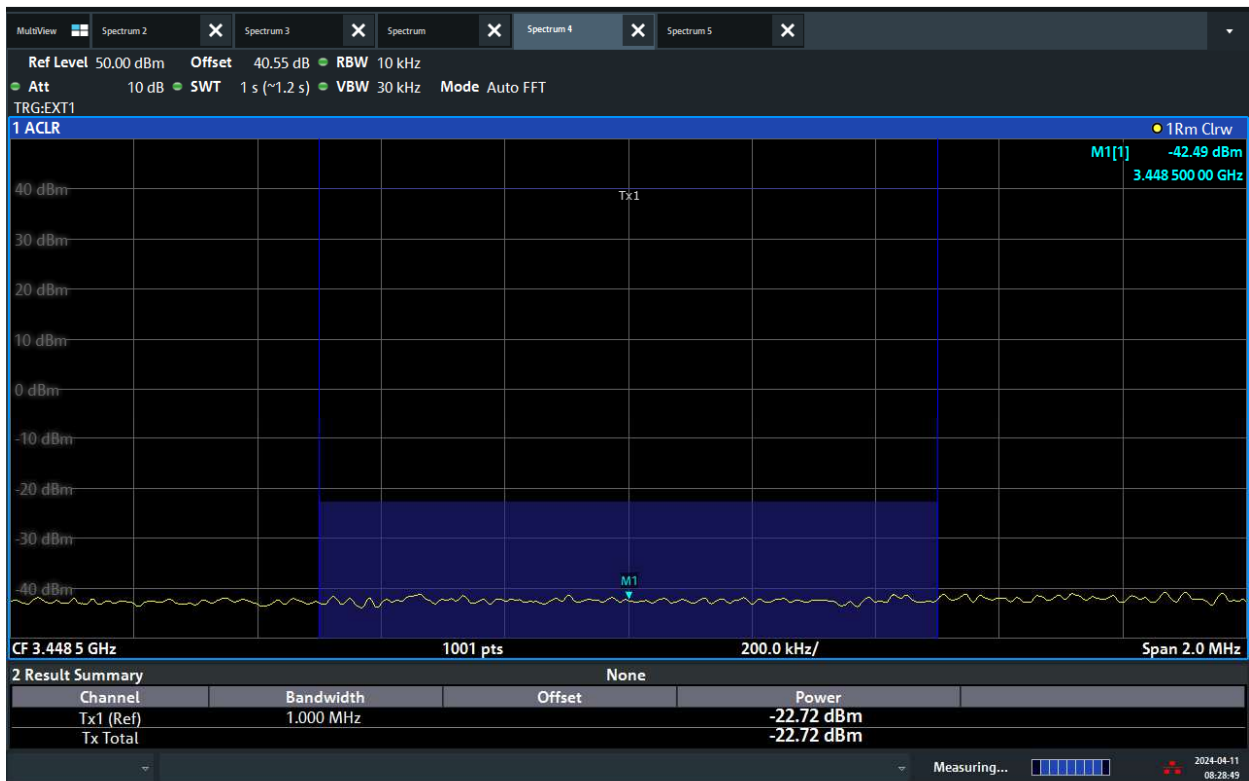


08:27:02 AM 04/11/2024

## TEST REPORT

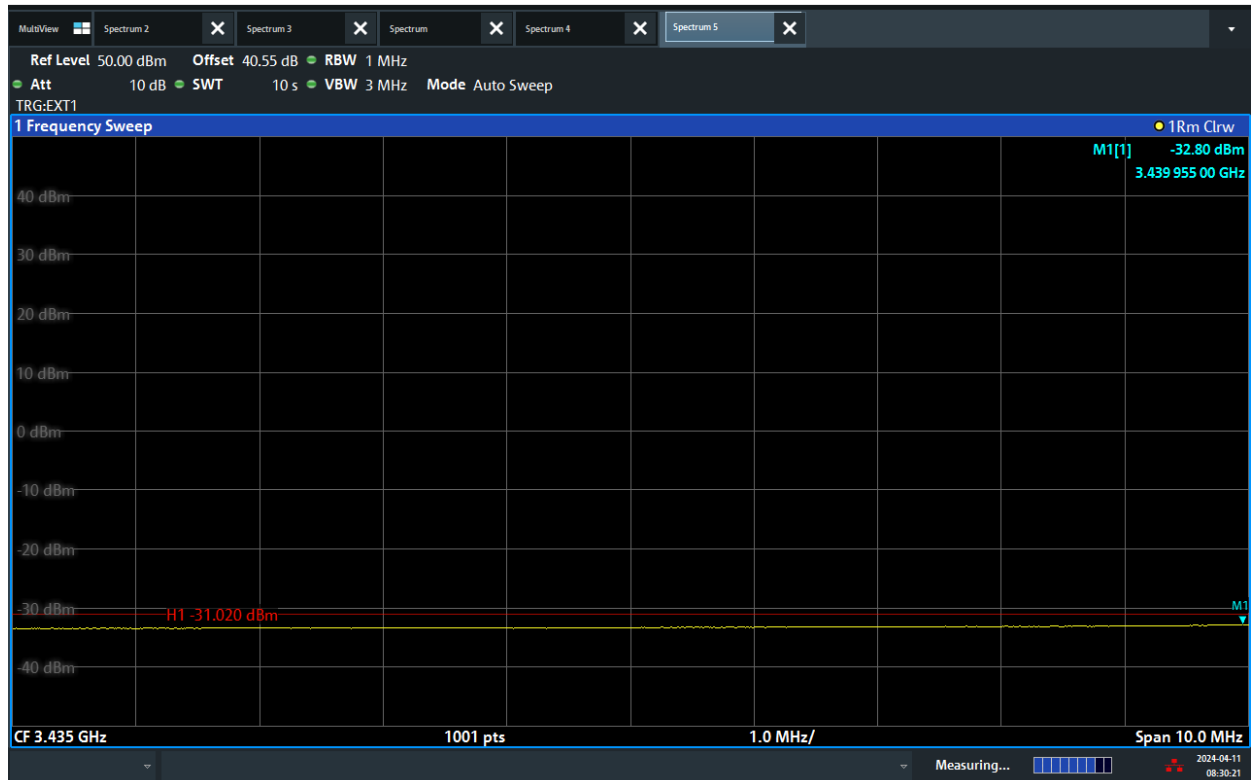


08:28:28 AM 04/11/2024



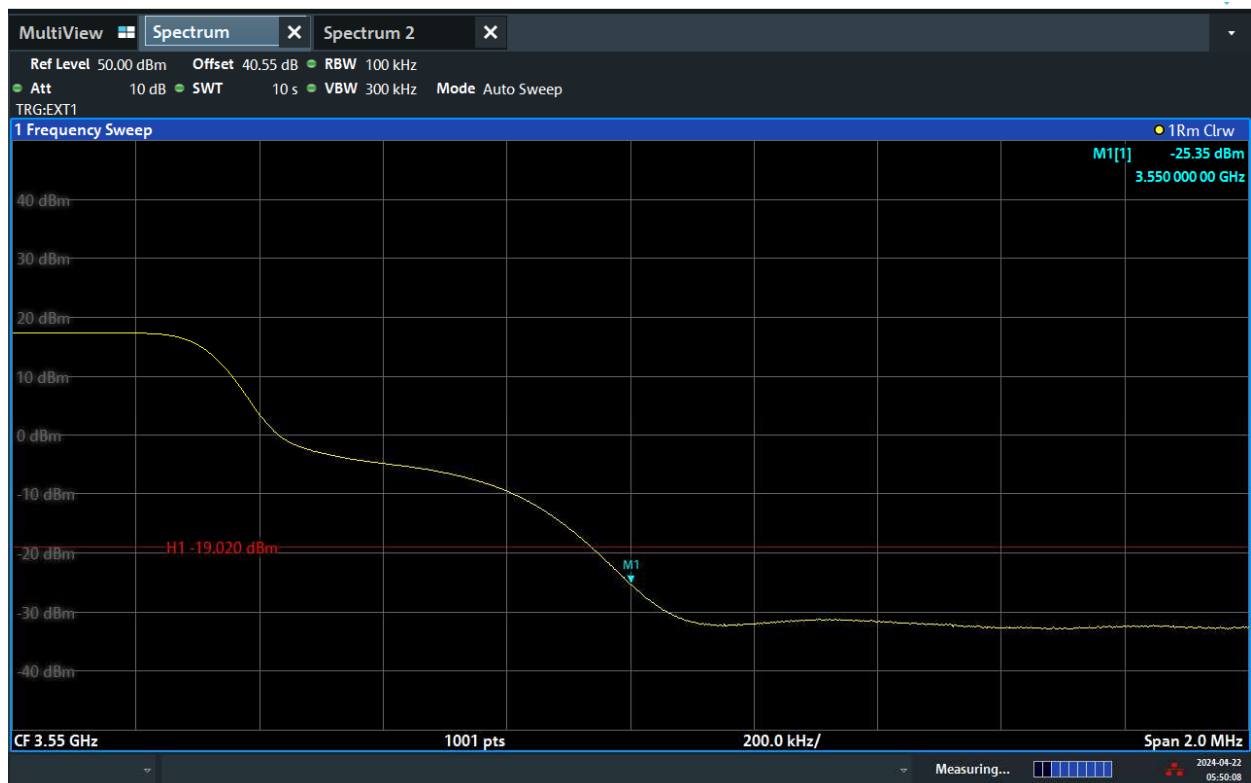
08:28:50 AM 04/11/2024

## TEST REPORT



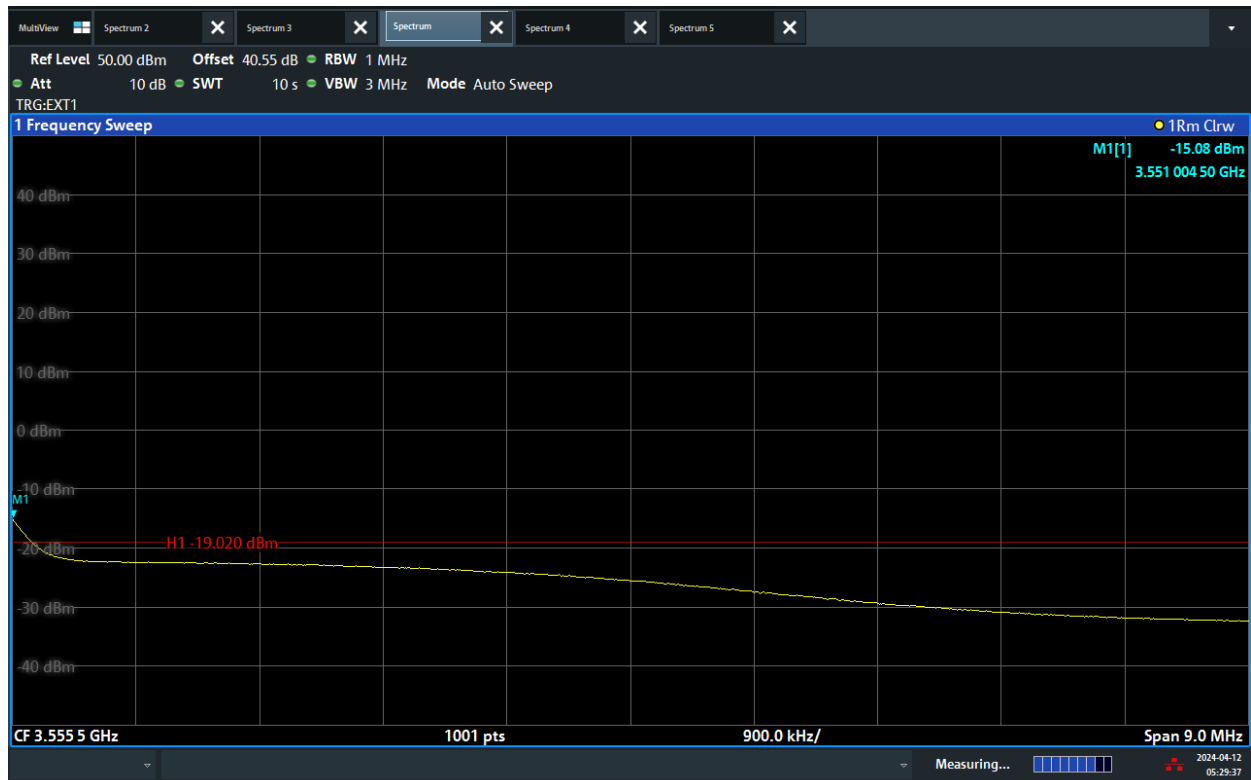
08:30:21 AM 04/11/2024

### Channel Position T

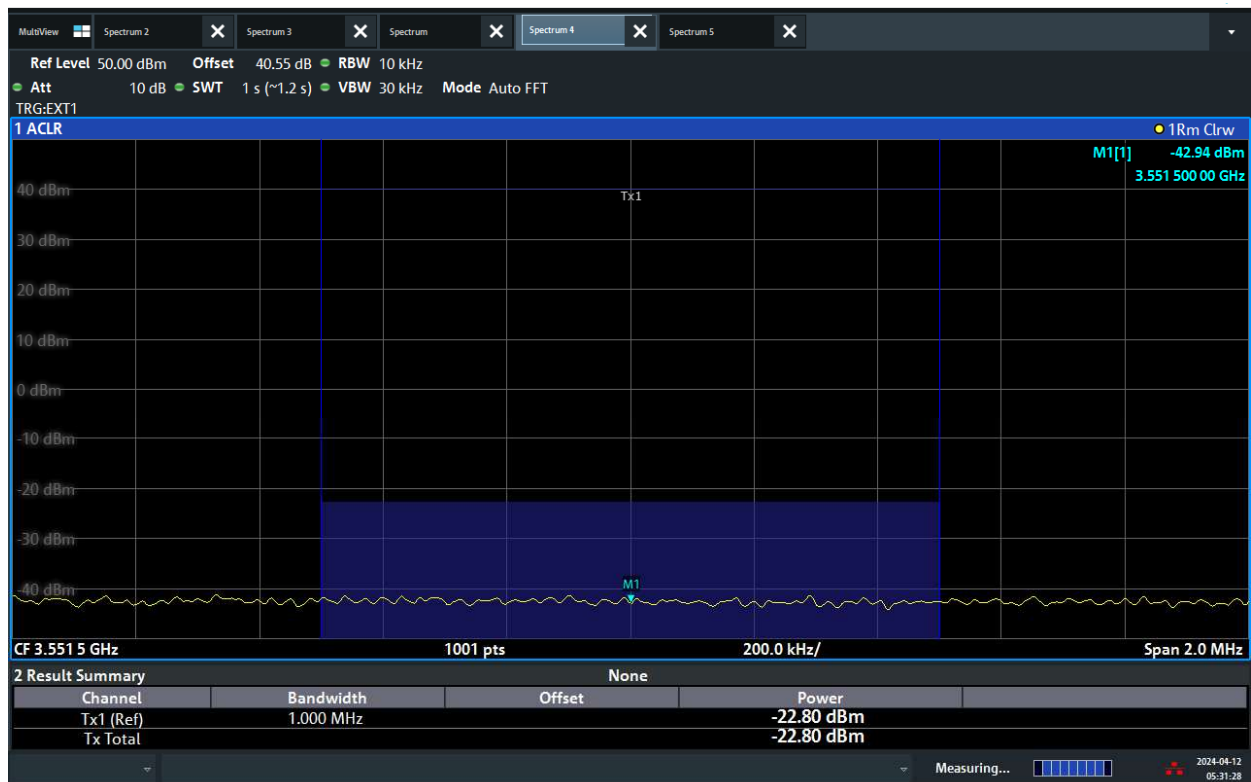


05:50:08 AM 04/22/2024

## TEST REPORT

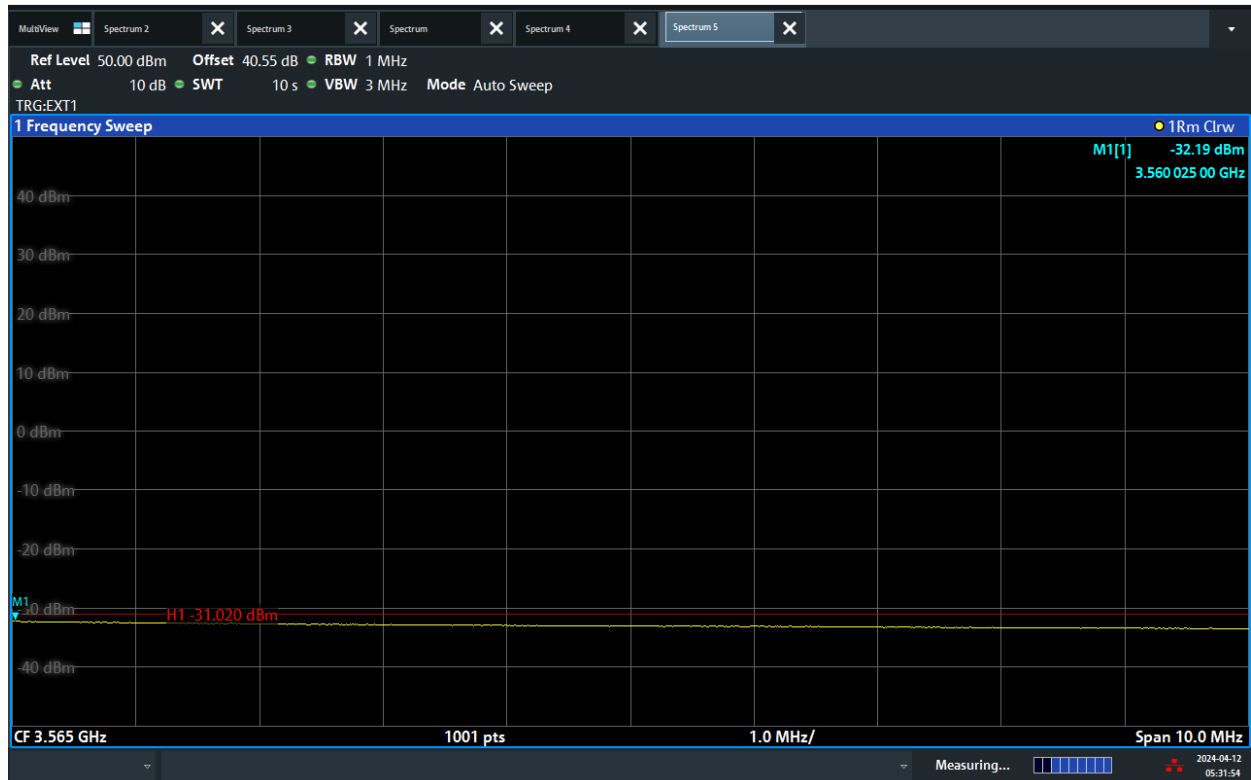


05:29:38 AM 04/12/2024



05:31:29 AM 04/12/2024

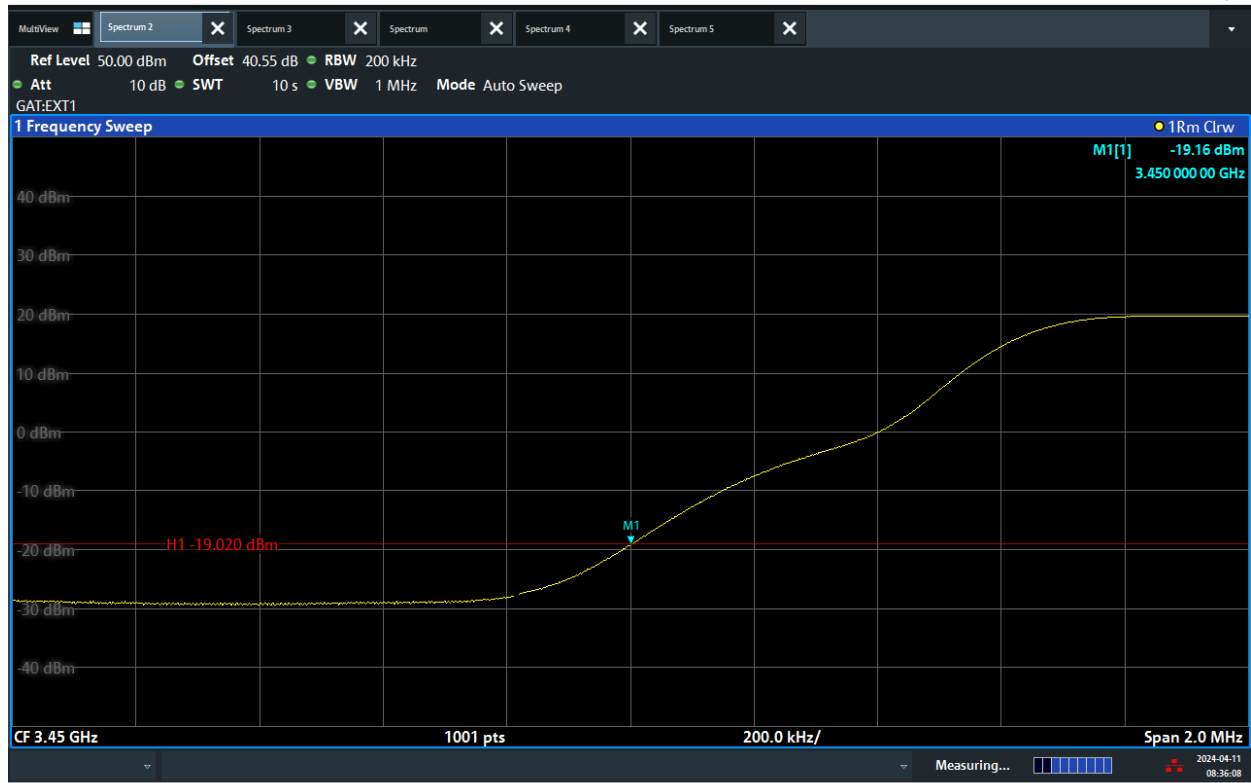
## TEST REPORT



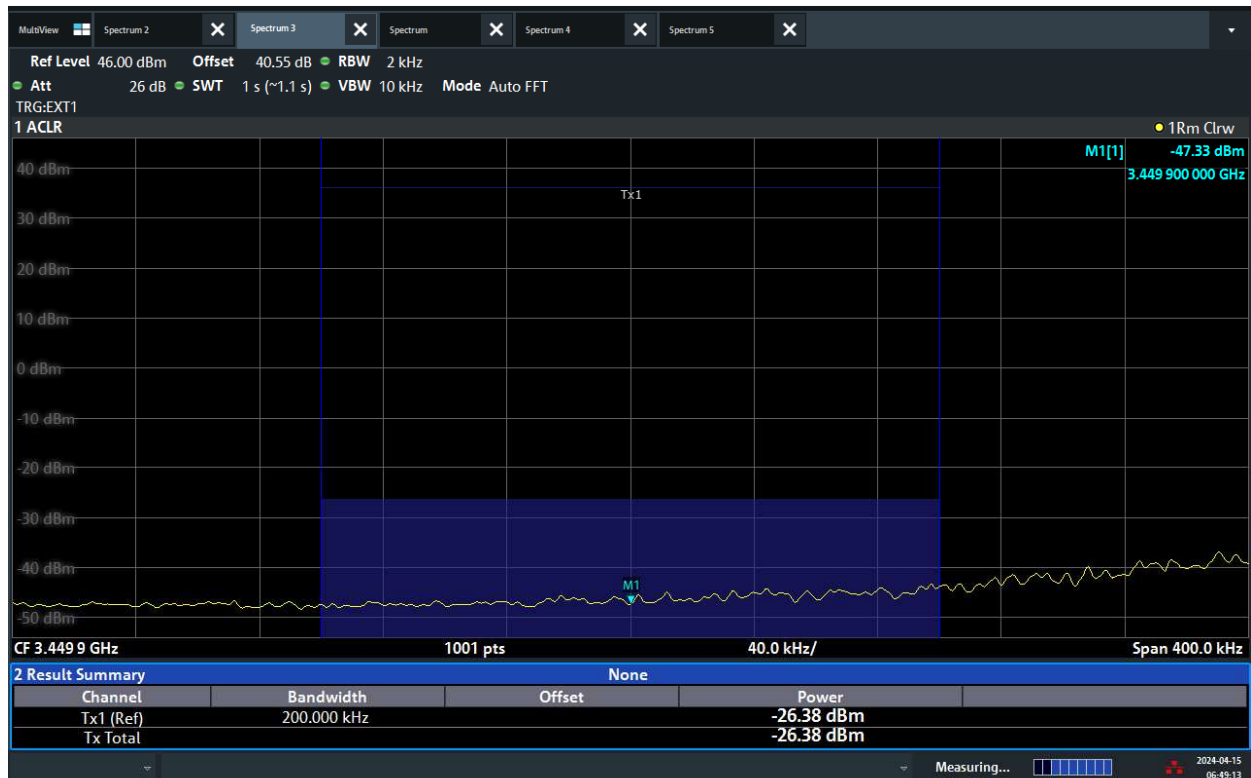
05:31:55 AM 04/12/2024

Antenna Port	Channel Position	Modulation	BW (MHz)	Frequency range (MHz)	RBW (kHz)	Limit (dBm)
C	B	256QAM	15	3449-3450	200	-19.02
				3440-3449	1000	-19.02
				3430-3440	1000	-31.02
C	T	256QAM	15	3550-3551	200	-19.02
				3551-3560	1000	-19.02
				3560-3570	1000	-31.02

### Channel Position B



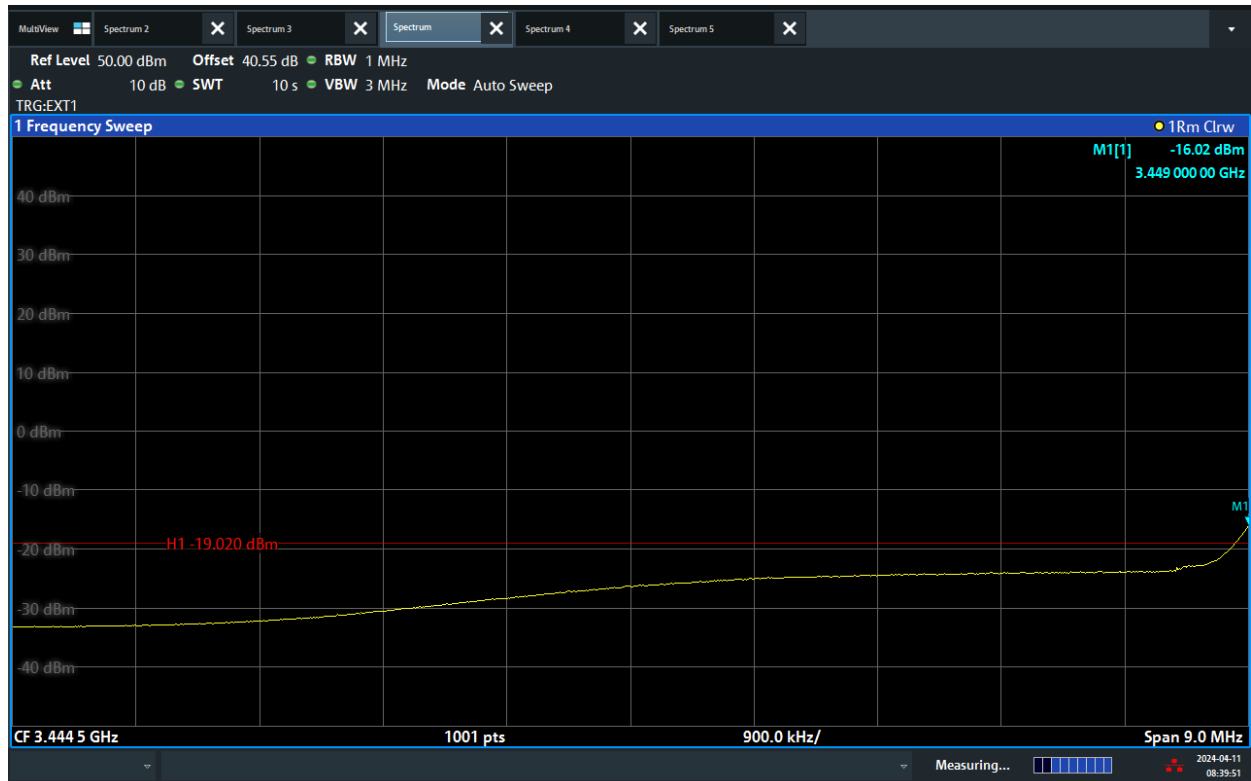
08:36:09 AM 04/11/2024



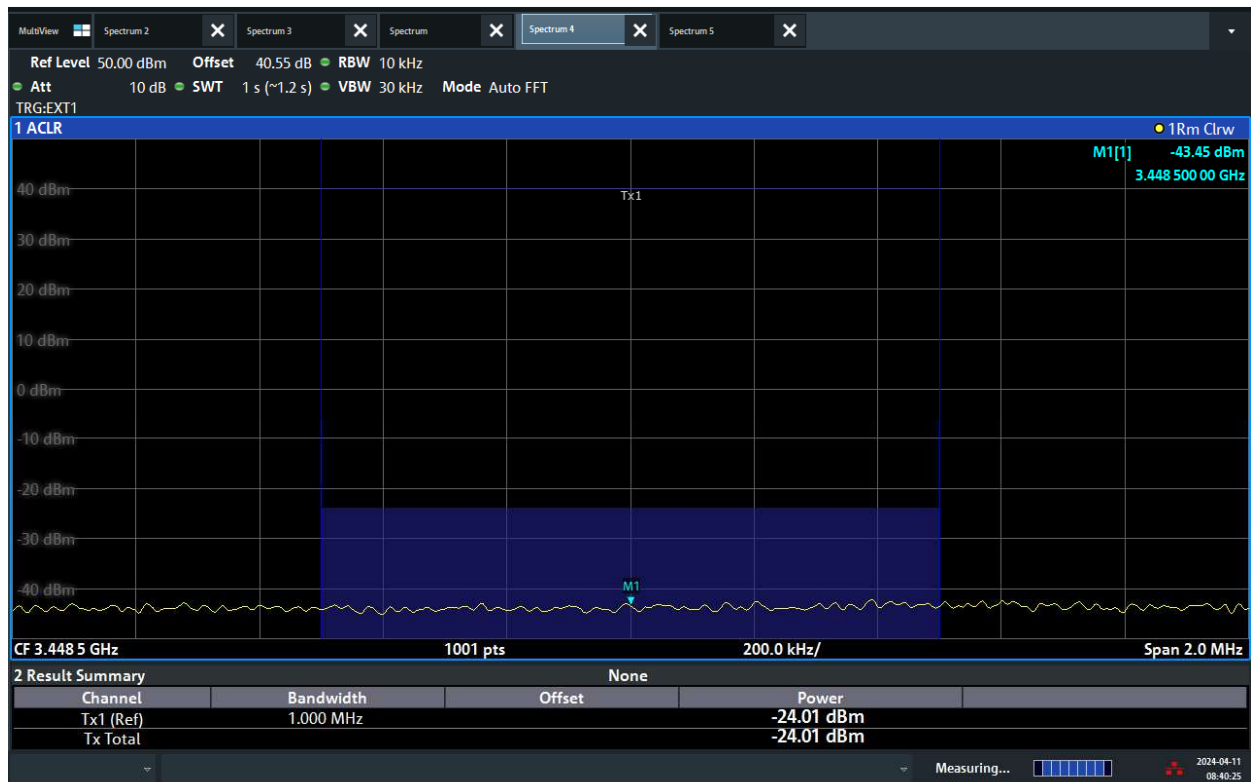
06:49:14 AM 04/15/2024



## TEST REPORT

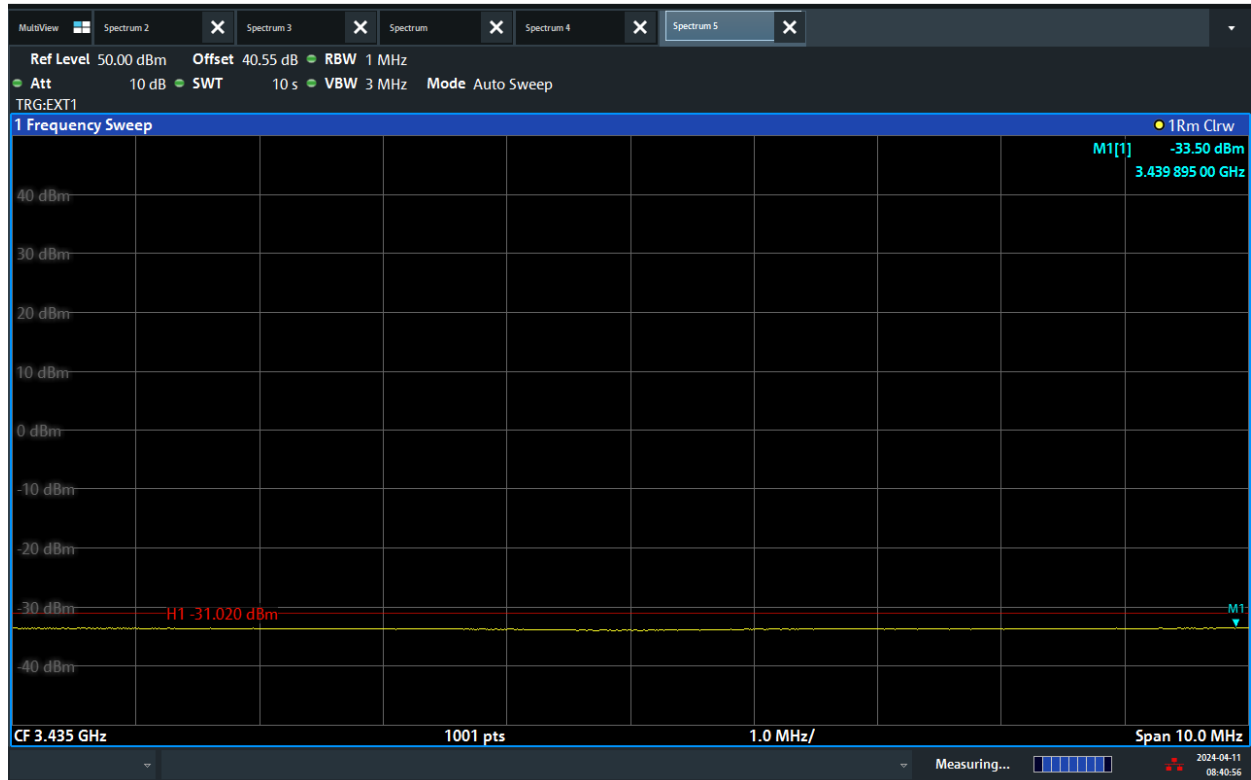


08:39:52 AM 04/11/2024



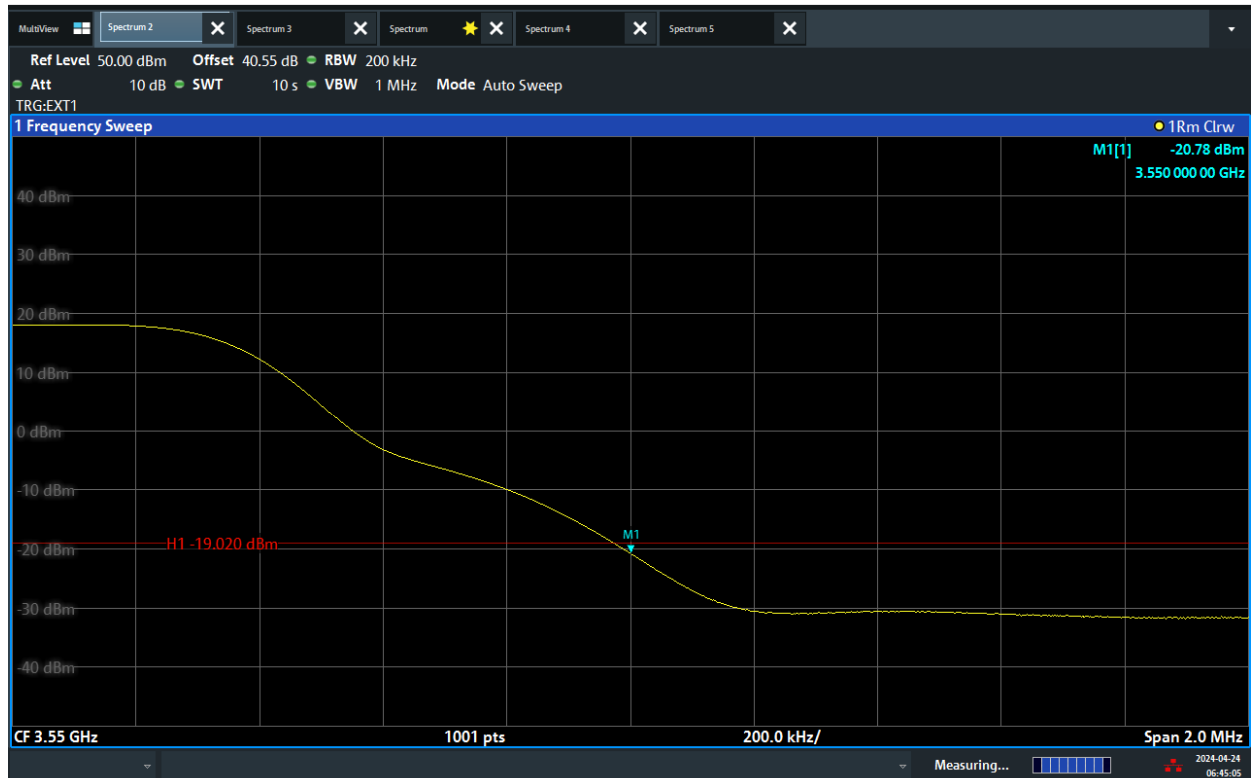
08:40:25 AM 04/11/2024

## TEST REPORT

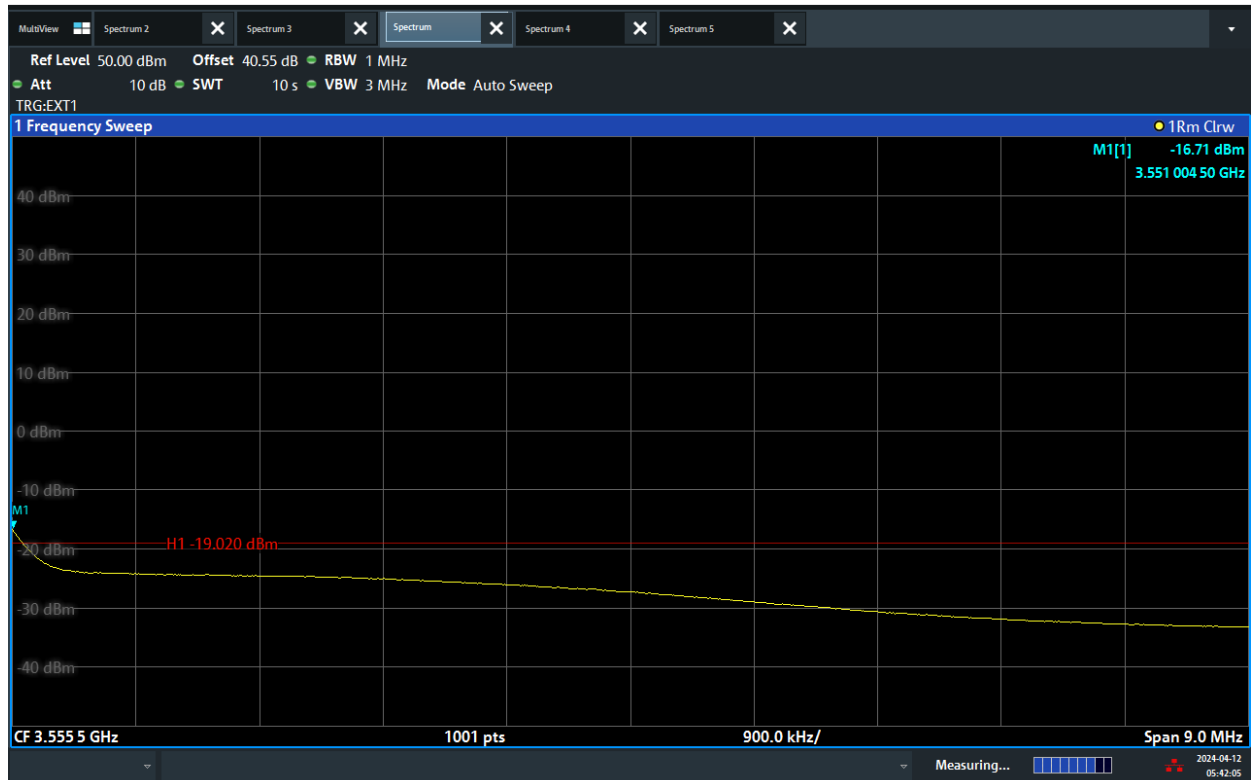


08:40:57 AM 04/11/2024

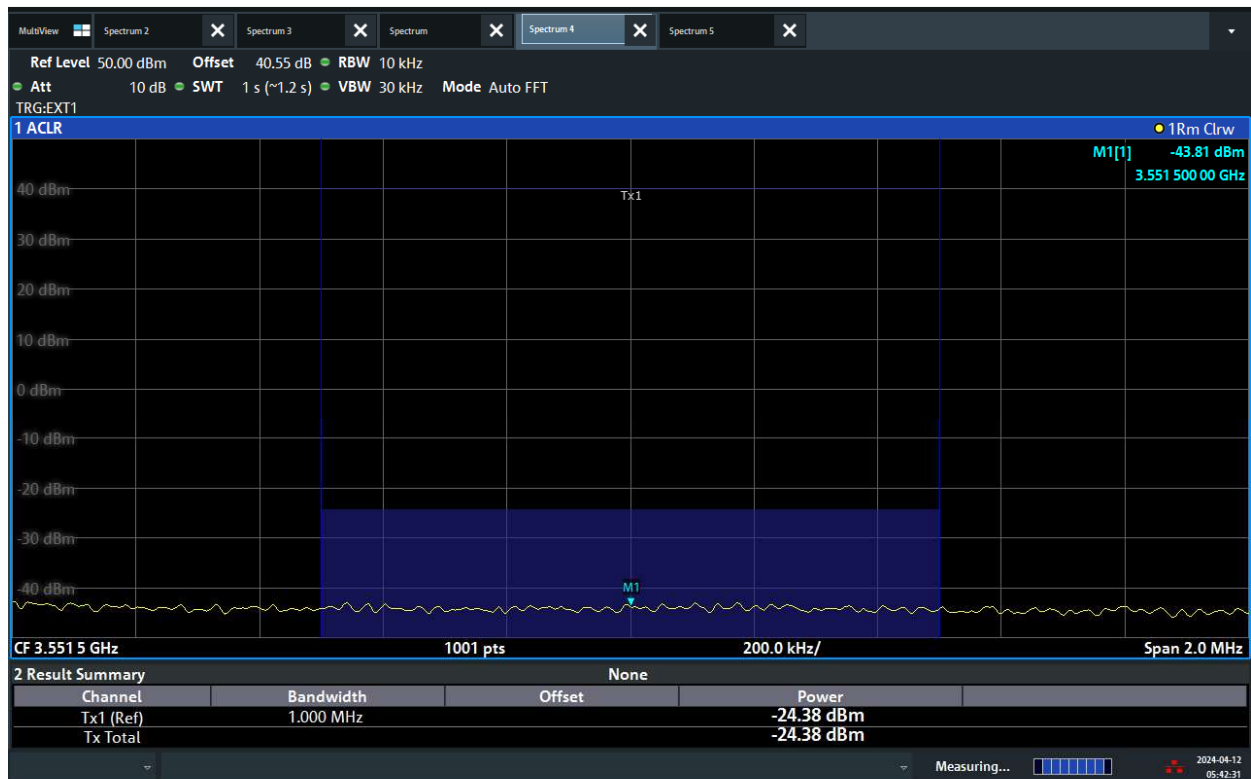
### Channel Position T



06:45:06 AM 04/24/2024

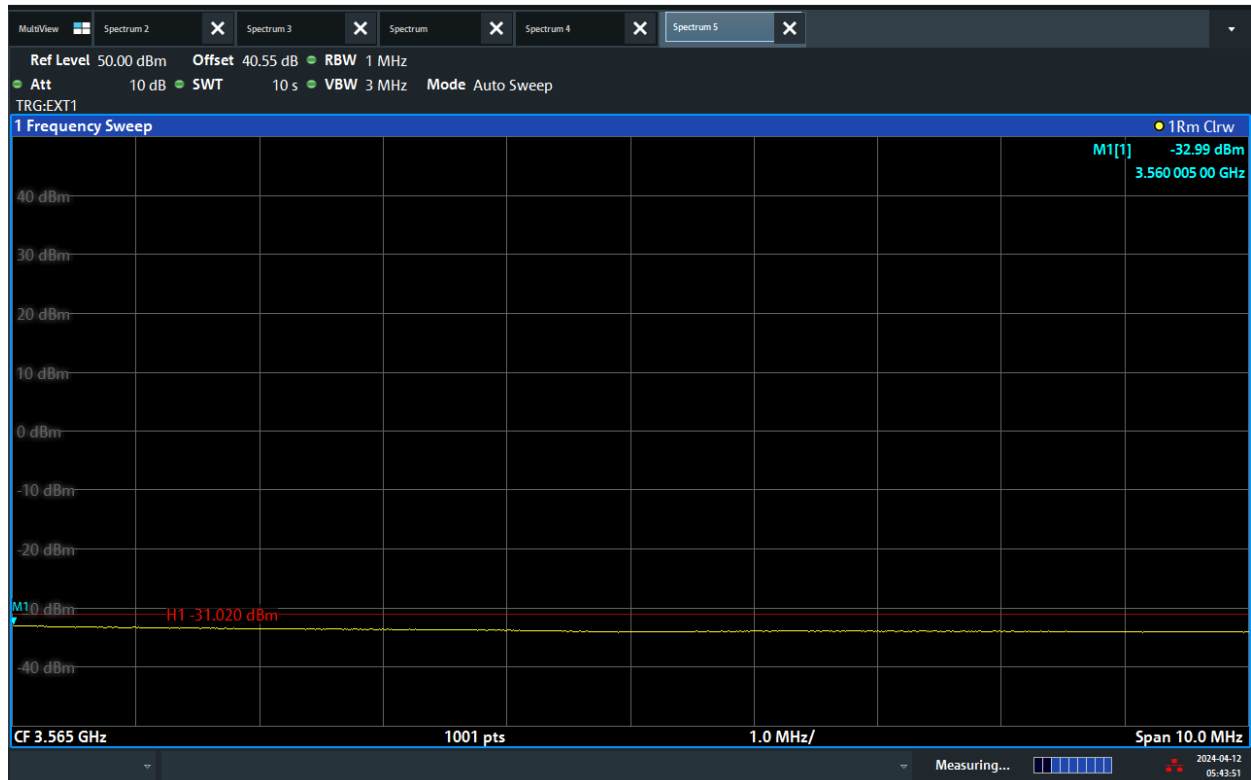


05:42:05 AM 04/12/2024



05:42:32 AM 04/12/2024

## TEST REPORT

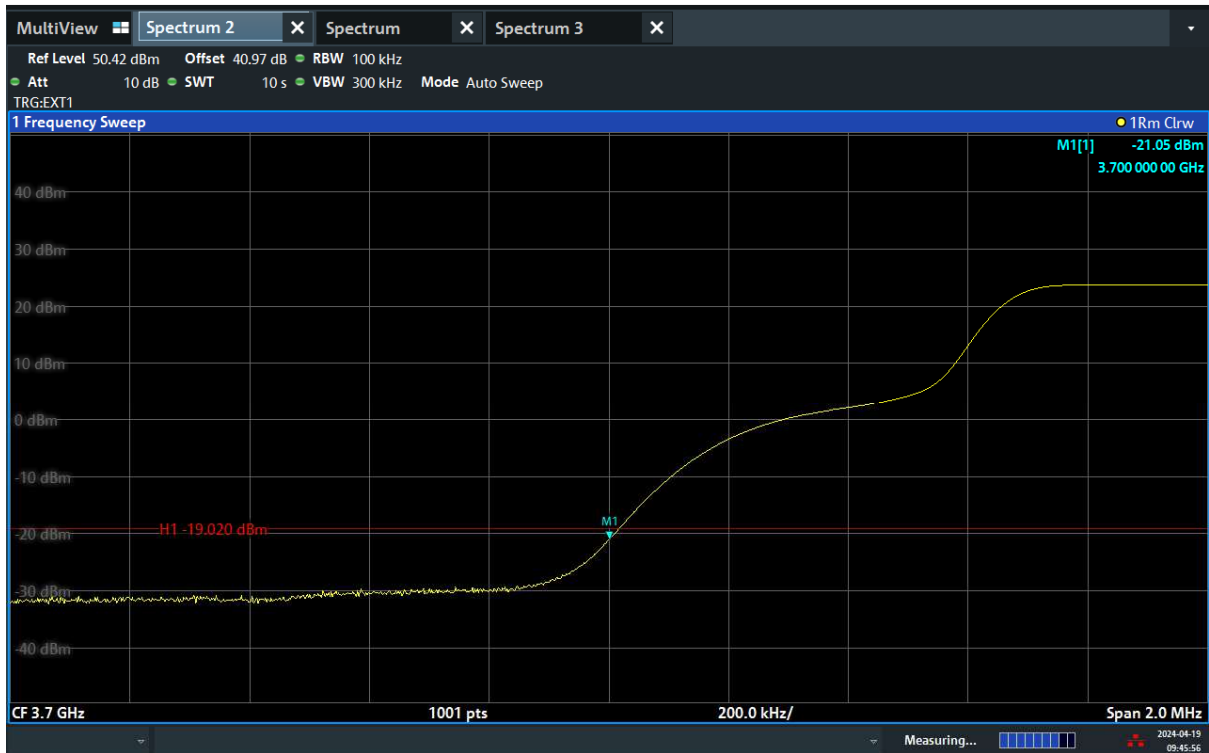


05:43:51 AM 04/12/2024

### NRD-1C-UE

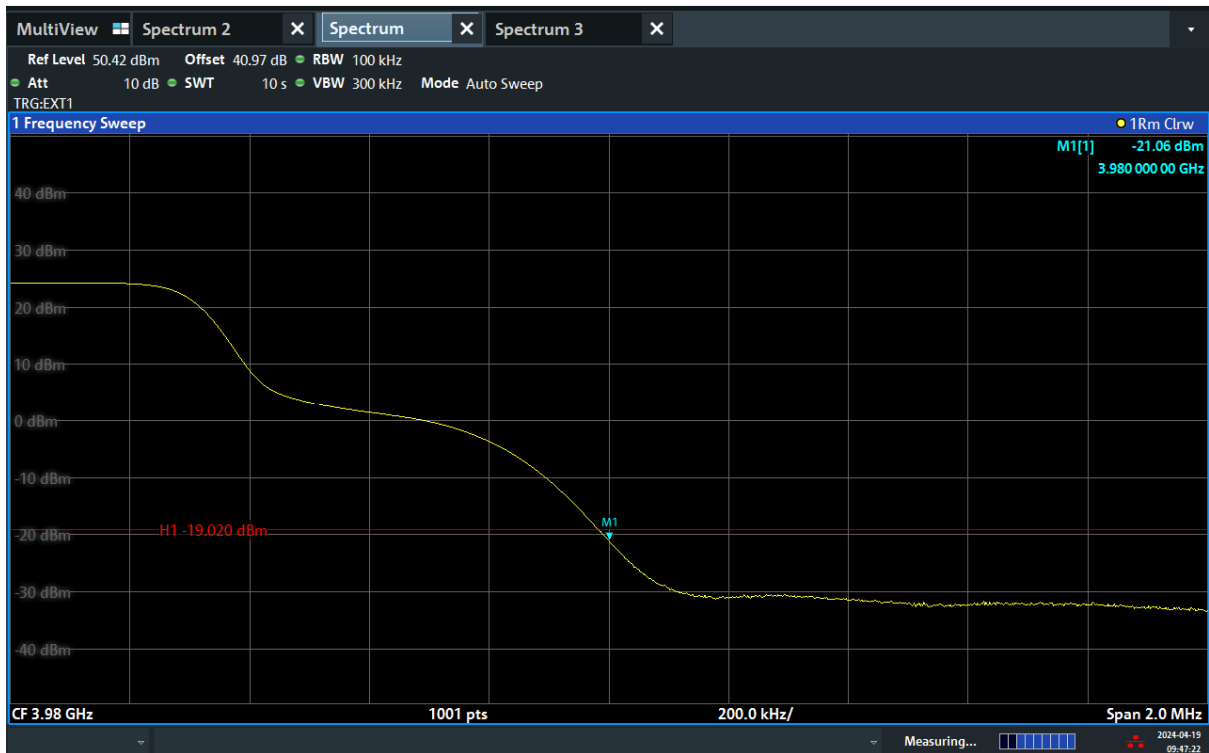
Antenna Port	Channel Position	Modulation	BW (MHz)	Frequency range (MHz)	RBW (kHz)	Limit (dBm)
C	B	64QAM	10	3699-3700	100	-19.02
C	T	64QAM	10	3980-3981	100	-19.02

### Channel Position B



09:45:56 AM 04/19/2024

### Channel Position T

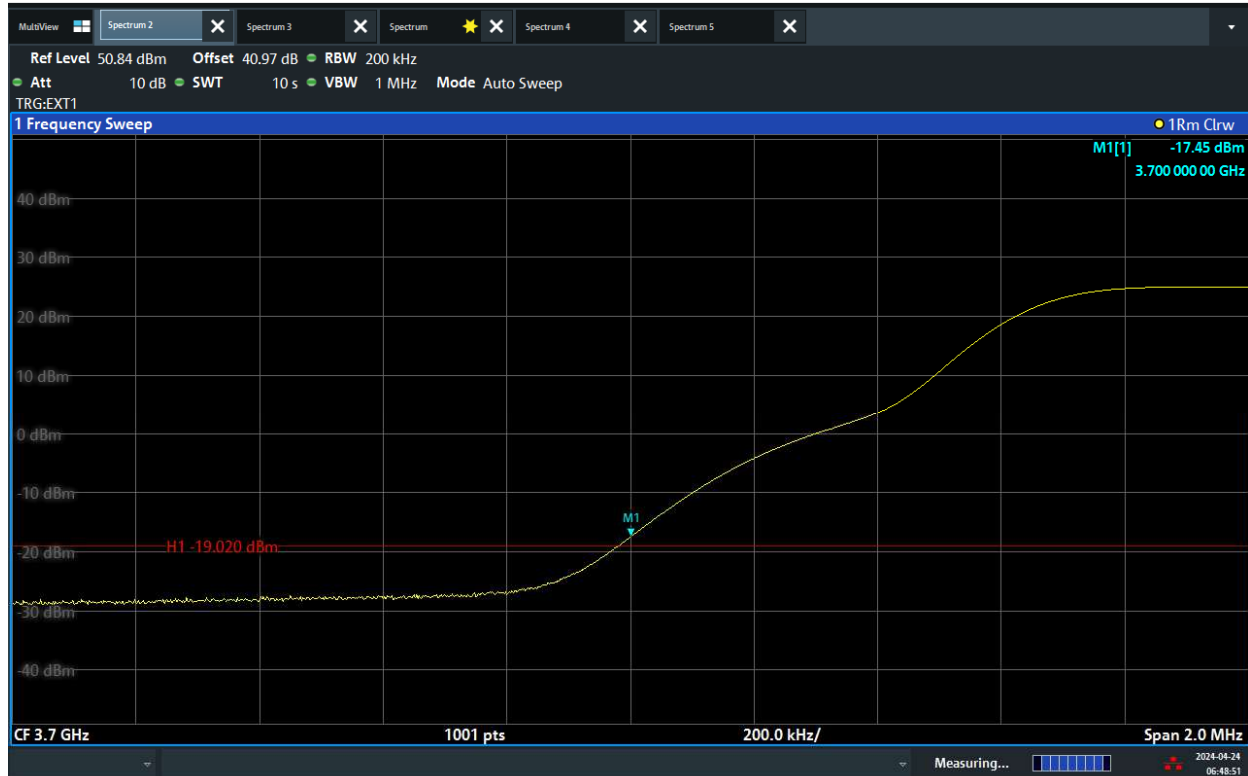


09:47:23 AM 04/19/2024

## TEST REPORT

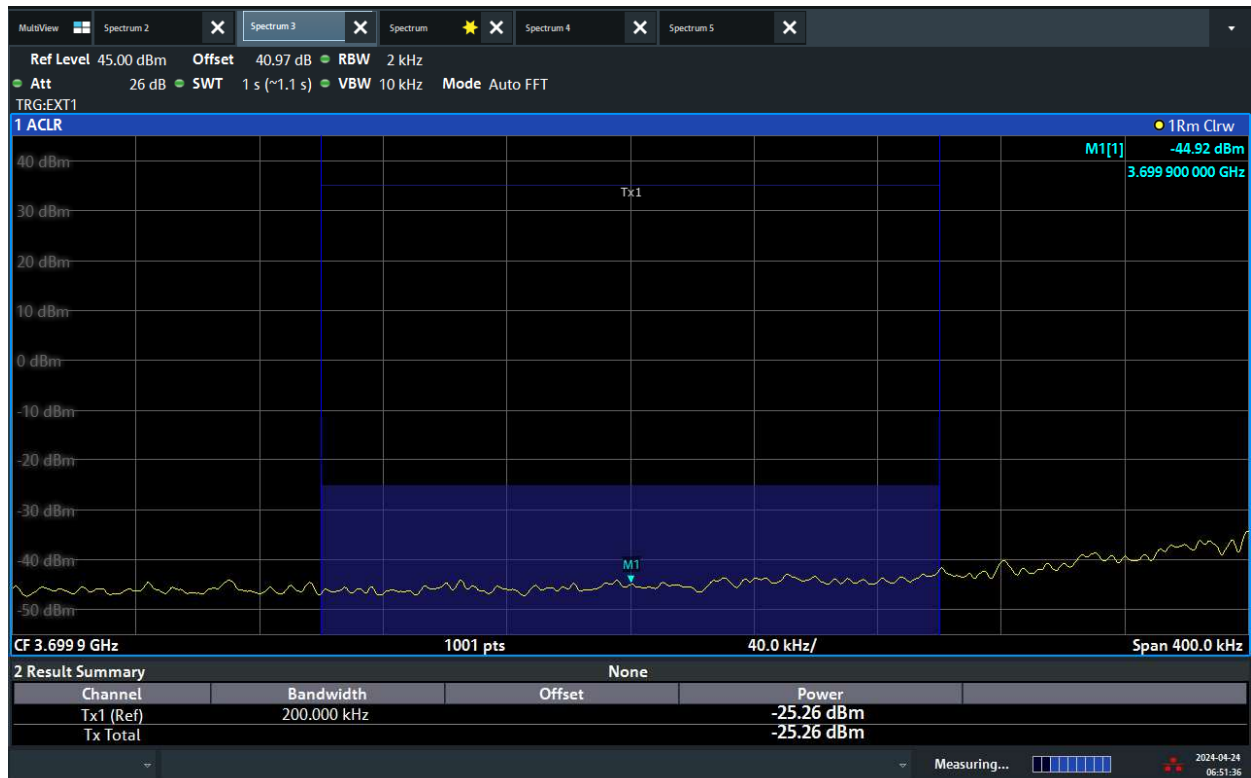
Antenna Port	Channel Position	Modulation	BW (MHz)	Frequency range (MHz)	RBW (kHz)	Limit (dBm)
C	B	64QAM	15	3699-3700	200	-19.02
C	T	64QAM	15	3980-3981	200	-19.02

### Channel Position B



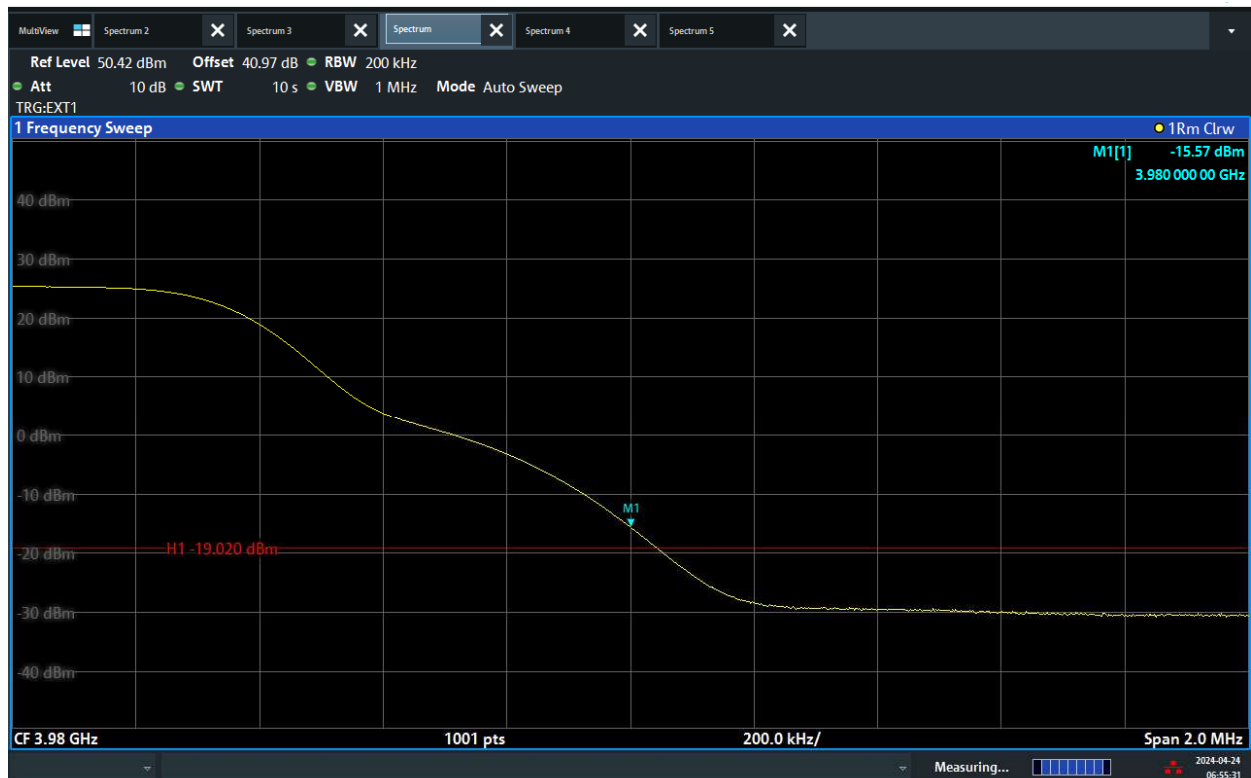
06:48:51 AM 04/24/2024

## TEST REPORT



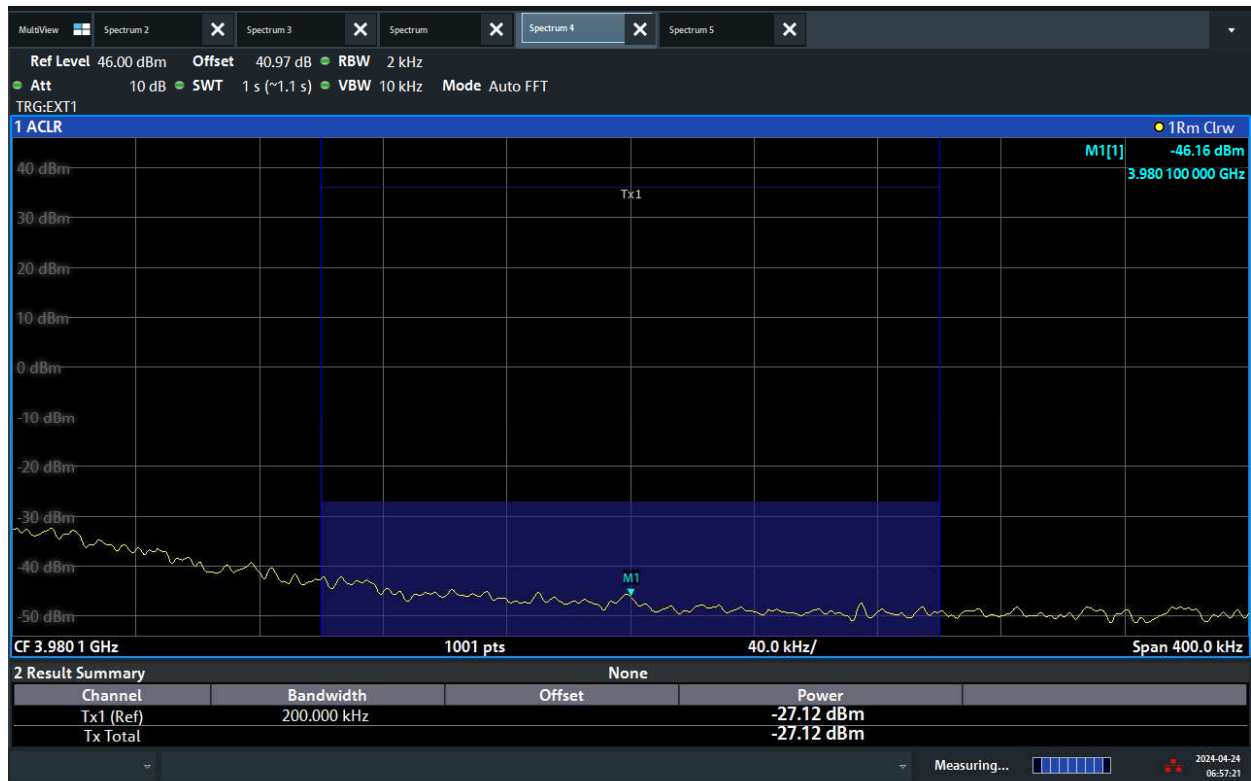
06:51:37 AM 04/24/2024

### Channel Position T



06:55:31 AM 04/24/2024

## TEST REPORT



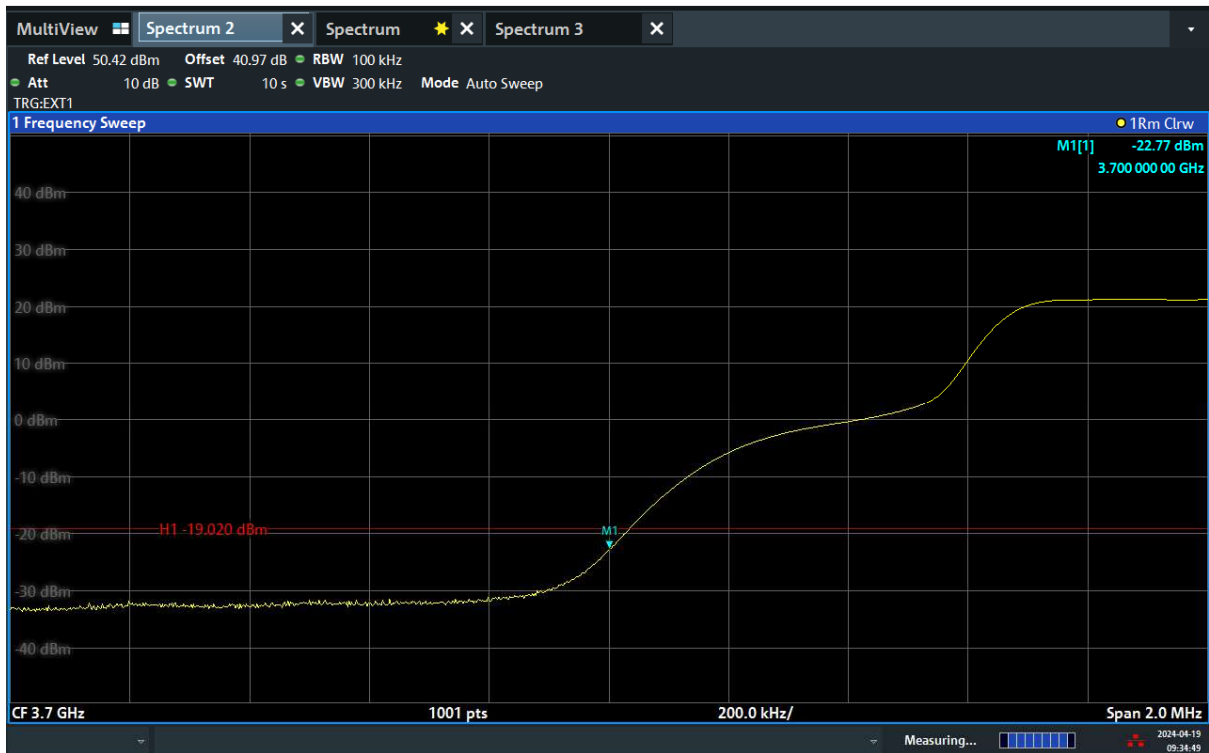
06:57:22 AM 04/24/2024

### NRD-2C-UE

Antenna Port	Channel Position	Modulation	BW (MHz)	Frequency range (MHz)	RBW (kHz)	Limit (dBm)
C	B	64QAM	10	3699-3700	100	-19.02
C	T	64QAM	10	3980-3981	100	-19.02

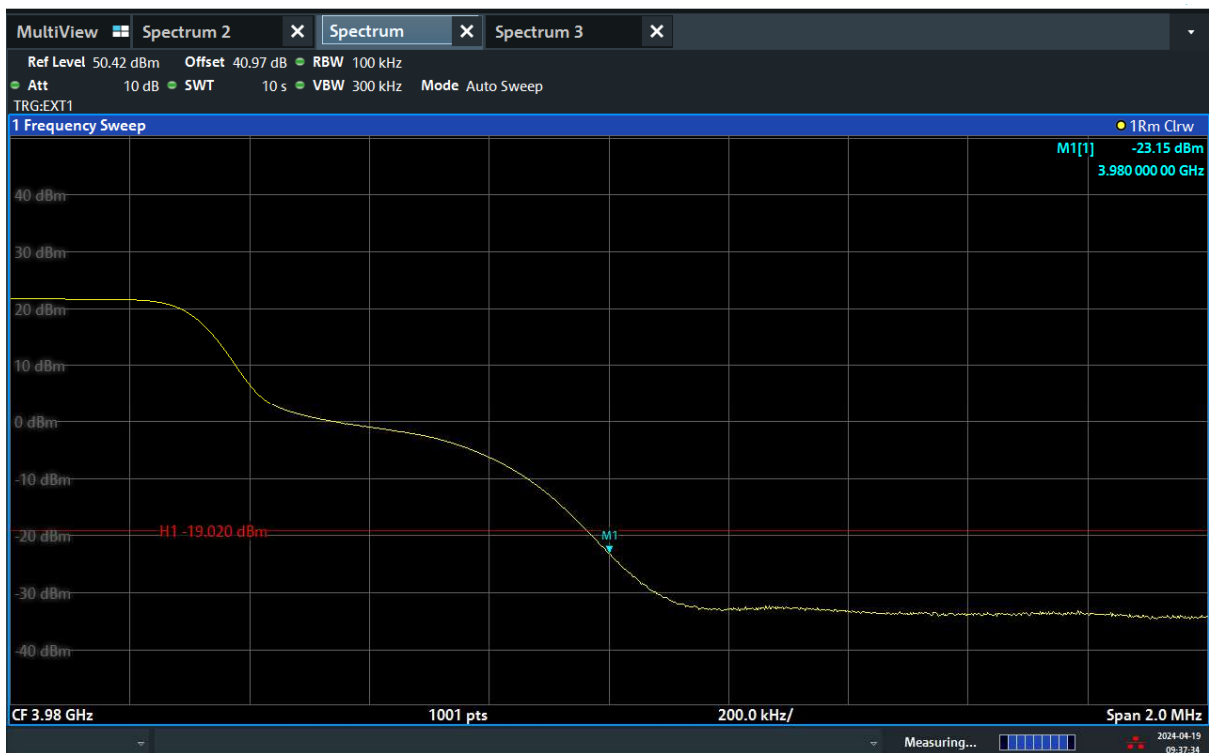


### Channel Position B



09:34:50 AM 04/19/2024

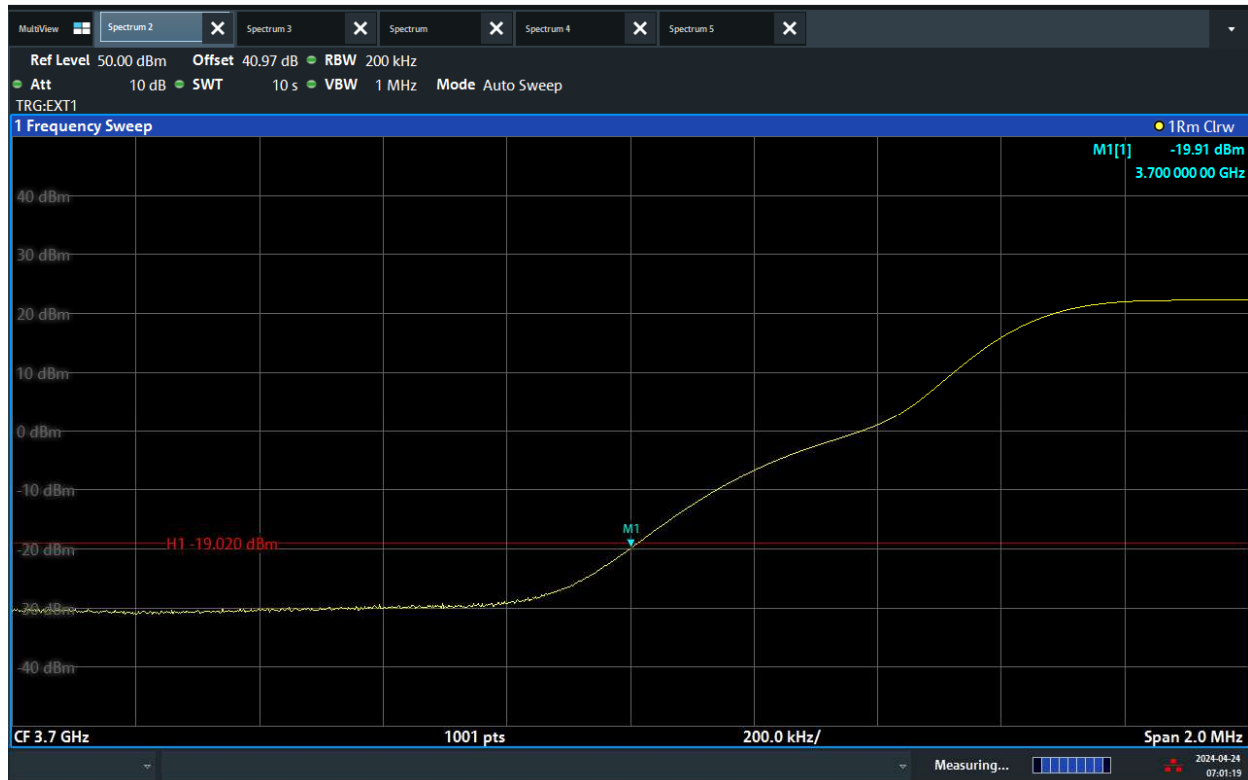
### Channel Position T



09:37:34 AM 04/19/2024

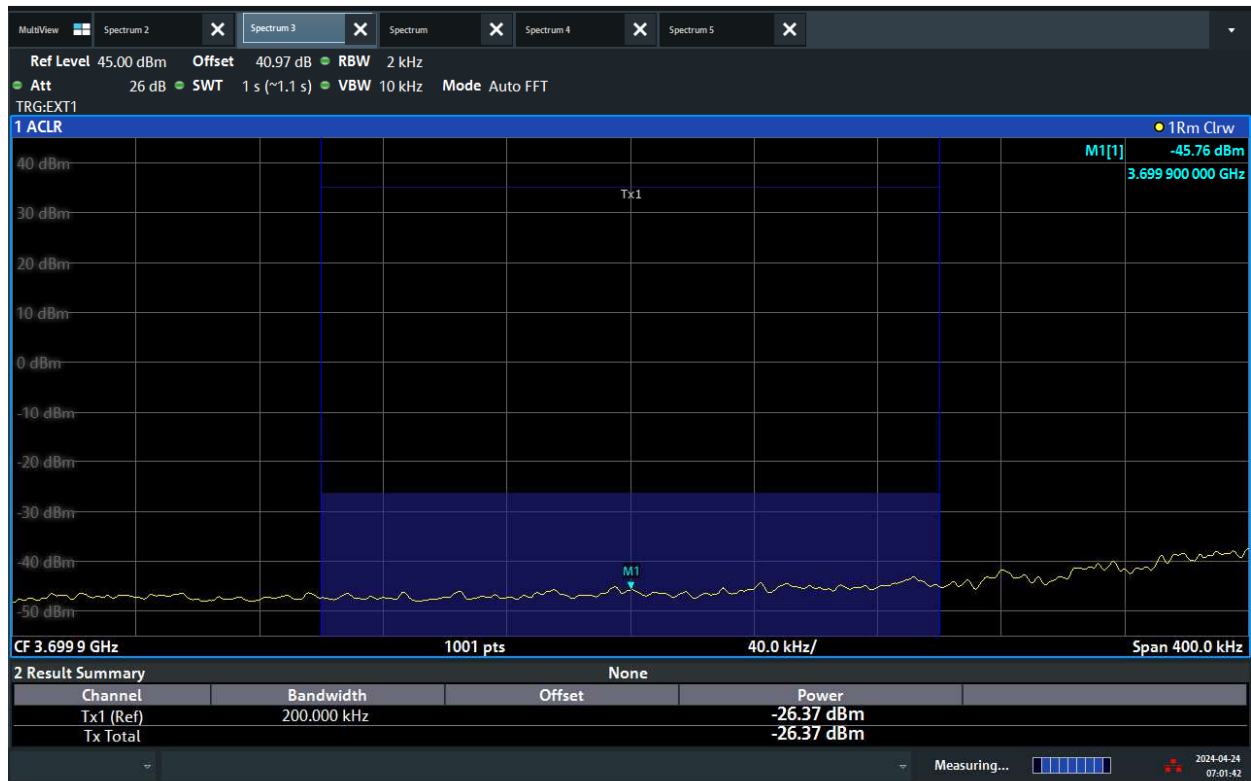
Antenna Port	Channel Position	Modulation	BW (MHz)	Frequency range (MHz)	RBW (kHz)	Limit (dBm)
C	B	64QAM	15	3699-3700	200	-19.02
C	T	64QAM	15	3980-3981	200	-19.02

### Channel Position B



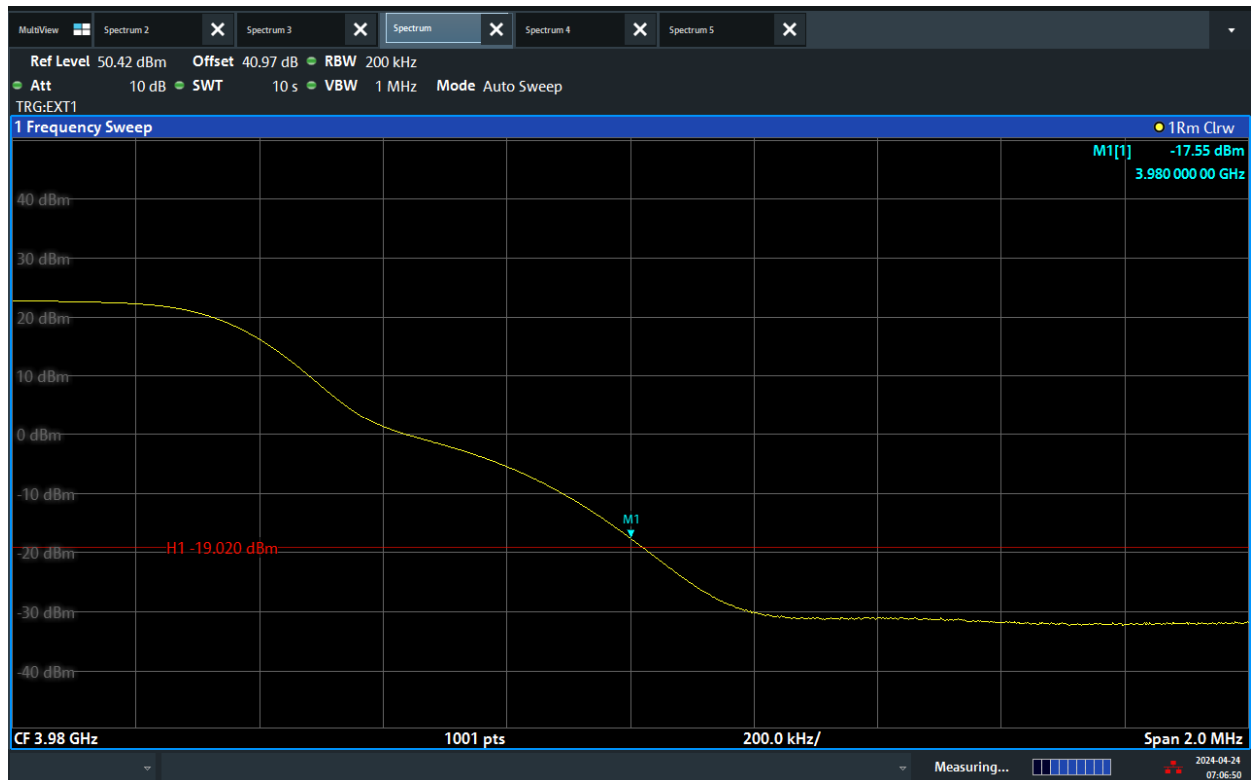
07:01:20 AM 04/24/2024

## TEST REPORT



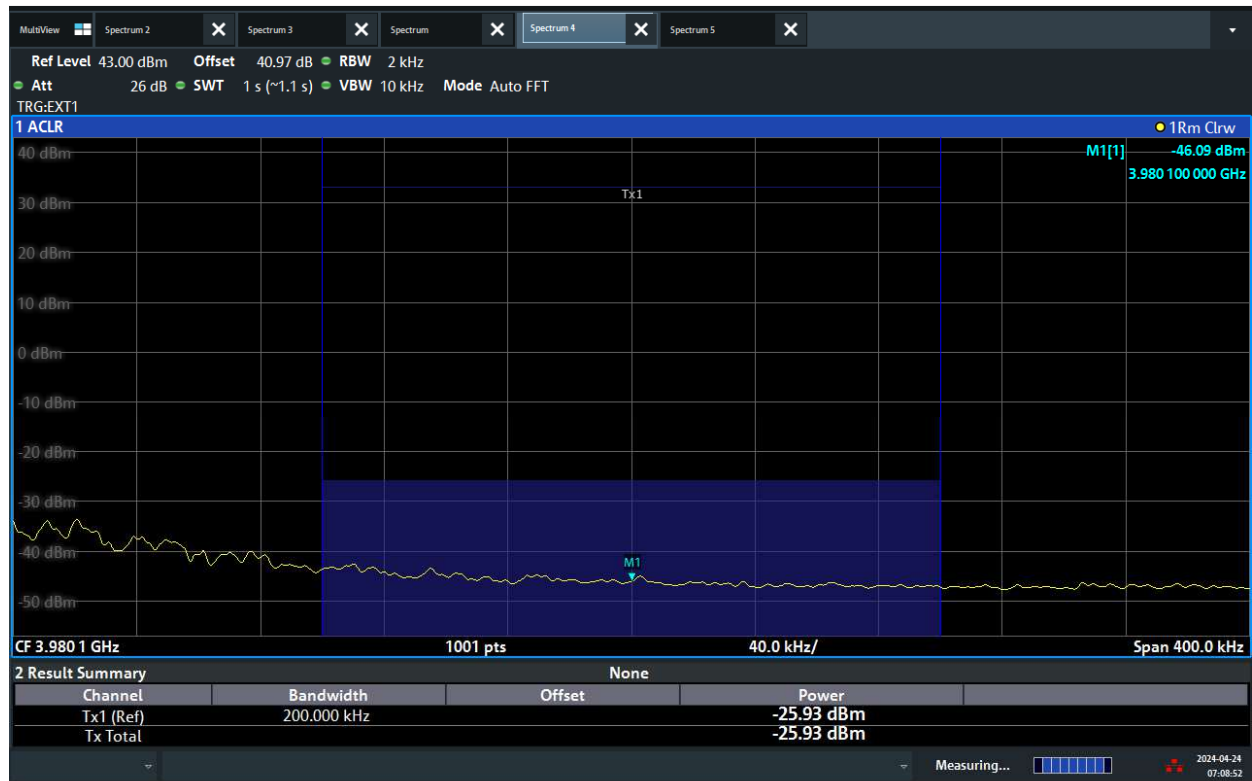
07:01:43 AM 04/24/2024

### Channel Position T



07:06:51 AM 04/24/2024

## TEST REPORT

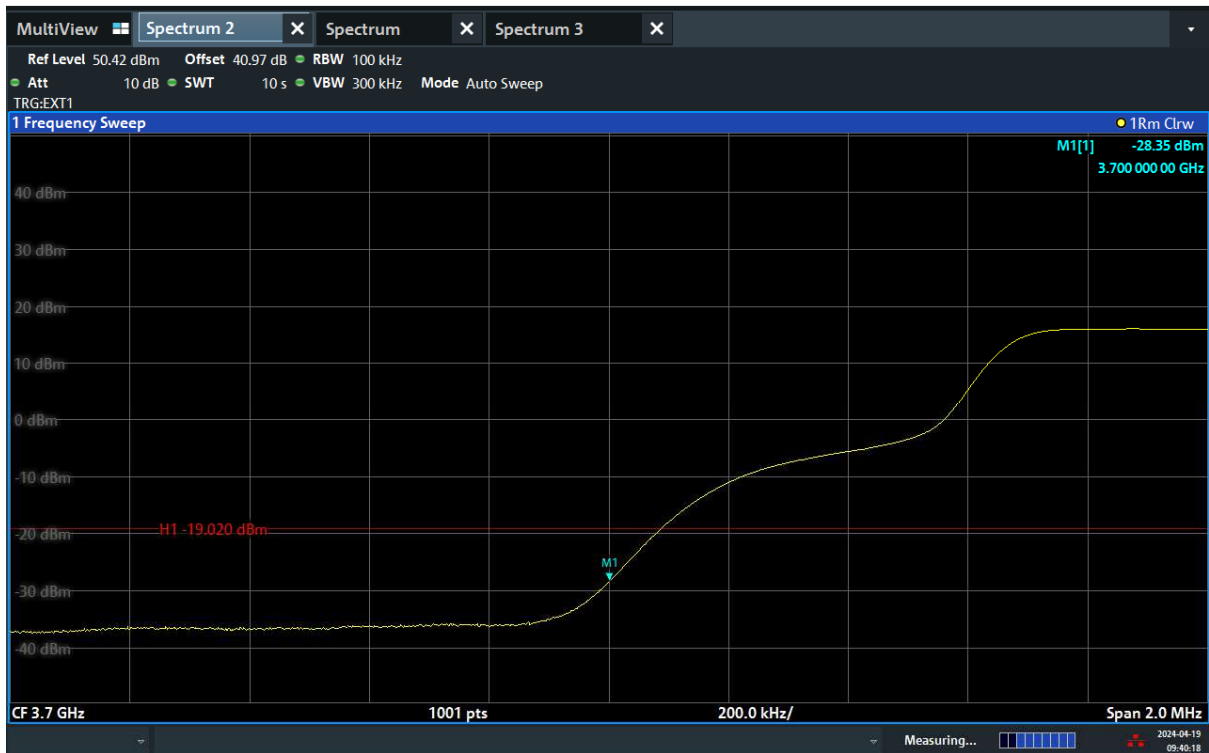


07:08:53 AM 04/24/2024

### NRD-6C-UE

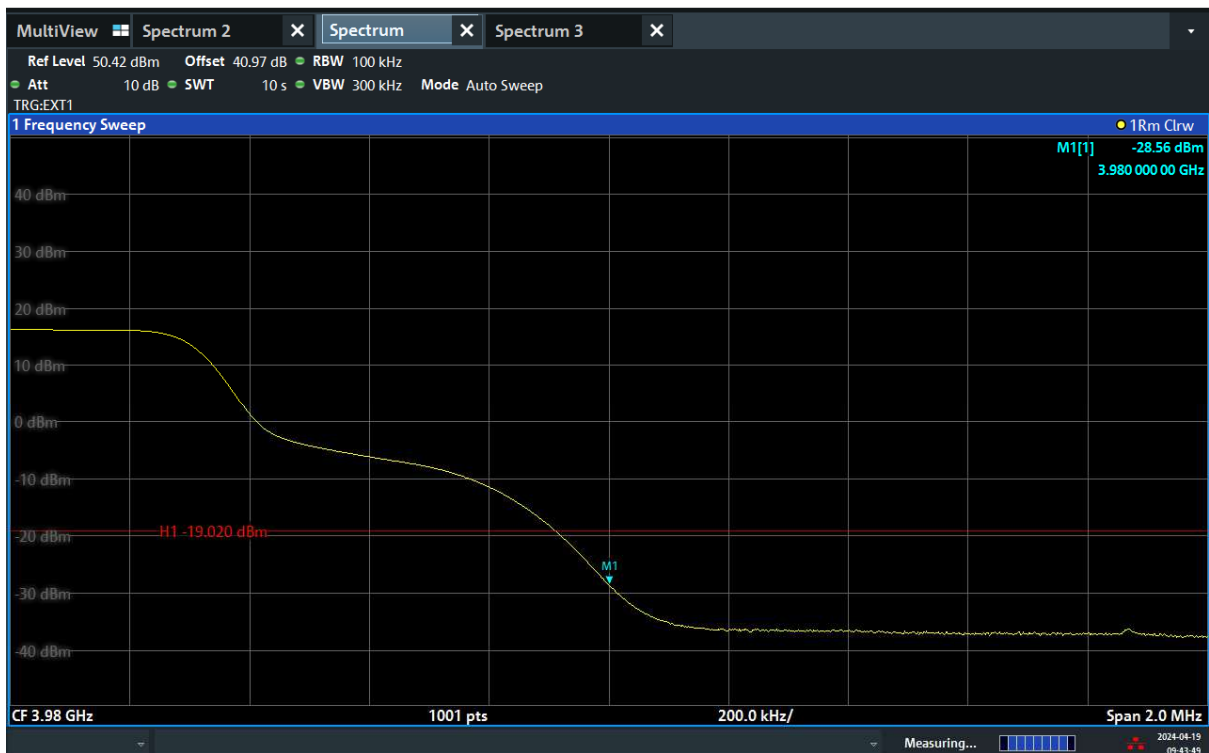
Antenna Port	Channel Position	Modulation	BW (MHz)	Frequency range (MHz)	RBW (kHz)	Limit (dBm)
C	B	64QAM	10	3699-3700	100	-19.02
C	T	64QAM	10	3980-3981	100	-19.02

### Channel Position B



09:40:18 AM 04/19/2024

### Channel Position T

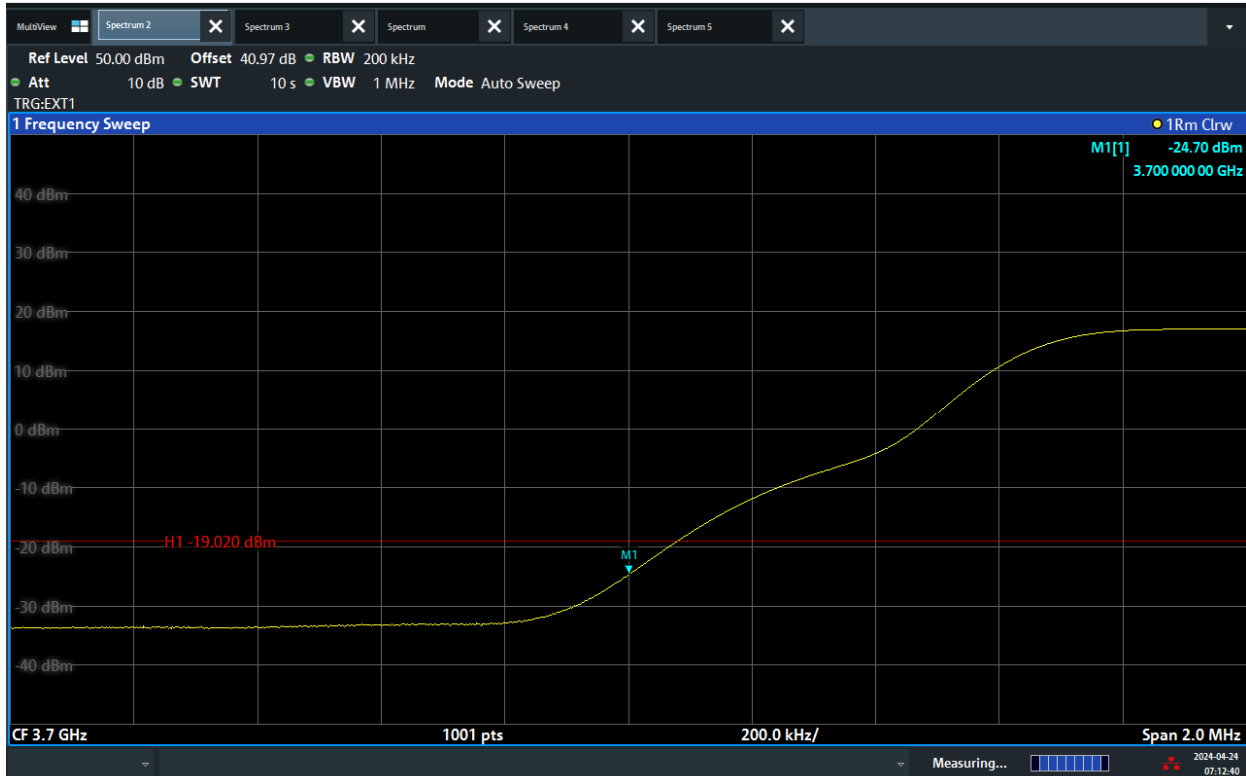


09:43:49 AM 04/19/2024

## TEST REPORT

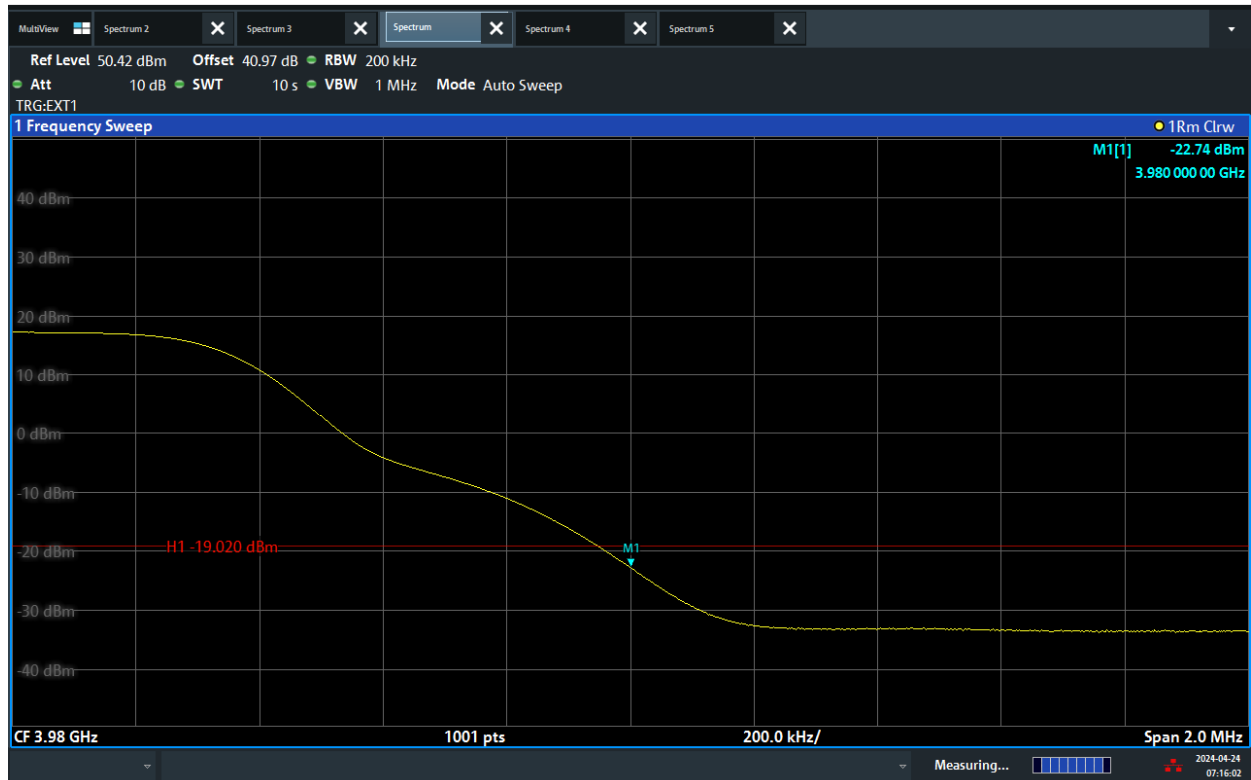
Antenna Port	Channel Position	Modulation	BW (MHz)	Frequency range (MHz)	RBW (kHz)	Limit (dBm)
C	B	64QAM	15	3699-3700	200	-19.02
C	T	64QAM	15	3980-3981	200	-19.02

### Channel Position B



07:12:41 AM 04/24/2024

### Channel Position T



07:16:03 AM 04/24/2024

## 6 Conducted Unwanted Emission

Test result: Pass

### 6.1 Limit

27.53 (l):

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10\log(P)$  dB.

In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed and a RBW of 1MHz for measurements of emissions > 1MHz away from the band edges.

27.53 (n):

For base station operations in the 3450–3550 MHz band, the conducted power of any emission outside the licensee’s authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with the provisions of this paragraph (n)(1) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee’s frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed, but limited to a maximum of 200 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. Notwithstanding the channel edge requirement of -13 dBm per megahertz, for base station operations in the 3450–3550 MHz band, the conducted power of any emission below 3440 MHz or above 3560 MHz shall not exceed -25 dBm/MHz, and the conducted power of emissions below 3430 MHz or above 3570 MHz shall not exceed -40 dBm/MHz.

### 6.2 Measurement Procedure

For MIMO mode configurations, the limit was adjusted with a correction of -6.02dB [ $10\log(1/4)$ ] by using the Measure and Add  $10\log(N)$  dB technique according to KDB 662911 D01 Multiple Transmitter Output accounting for simultaneous transmission from antenna ports . Then the limit was adjusted to -19.02/-46.02dBm accordingly.

Spectrum analyzer detector was set as RMS.

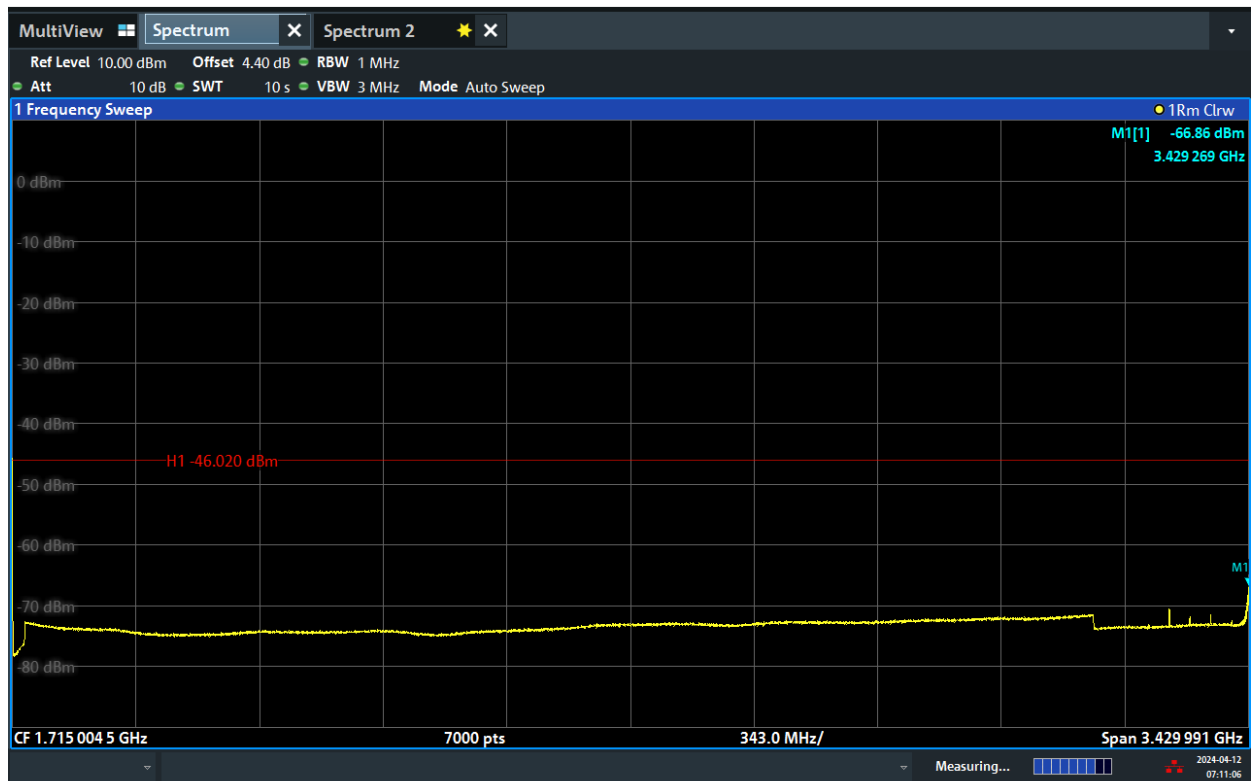


### 6.3 Measurement result

NRG-1C-UE

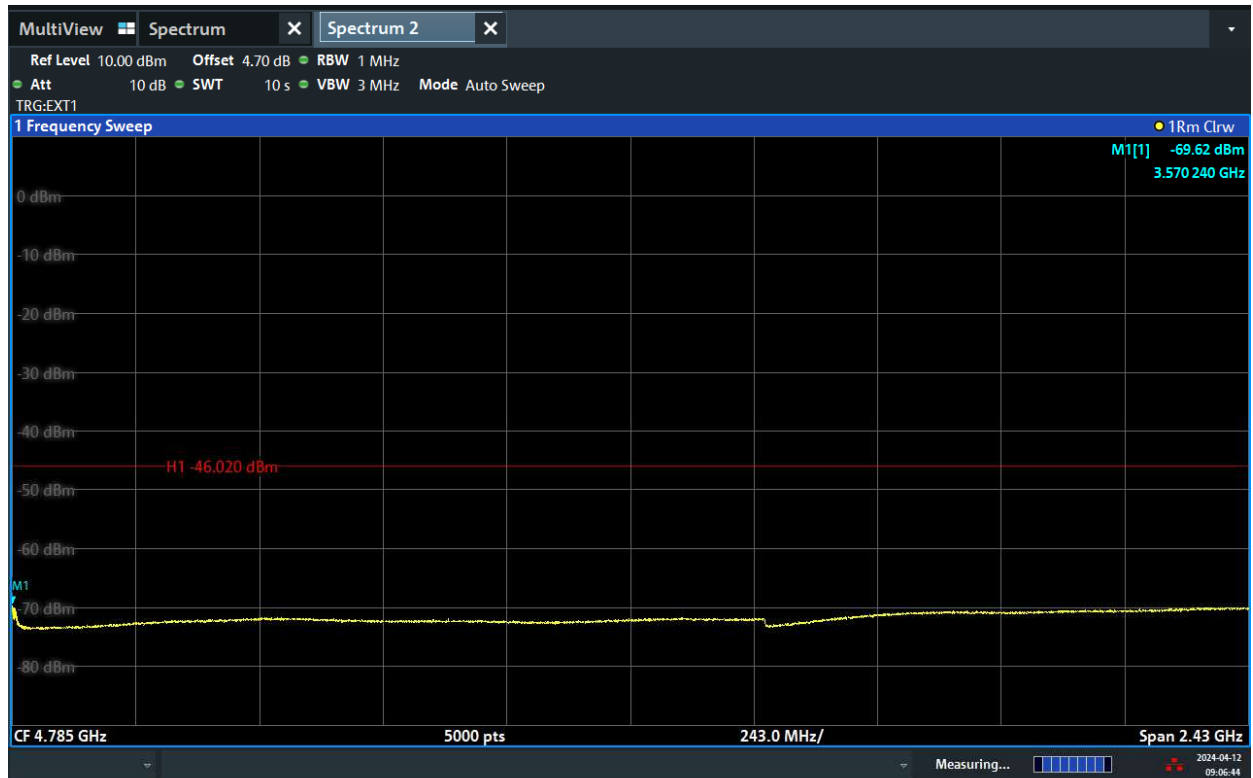
Antenna Port	Channel Position	Modulation	BW (MHz)	Frequency range (MHz)	RBW (kHz)	Limit (dBm)
C	B	256QAM	10	0.009-3430 3570-38000	1000	-46.02
C	T	256QAM	10	0.009-3430 3570-38000	1000	-46.02

Channel Position B

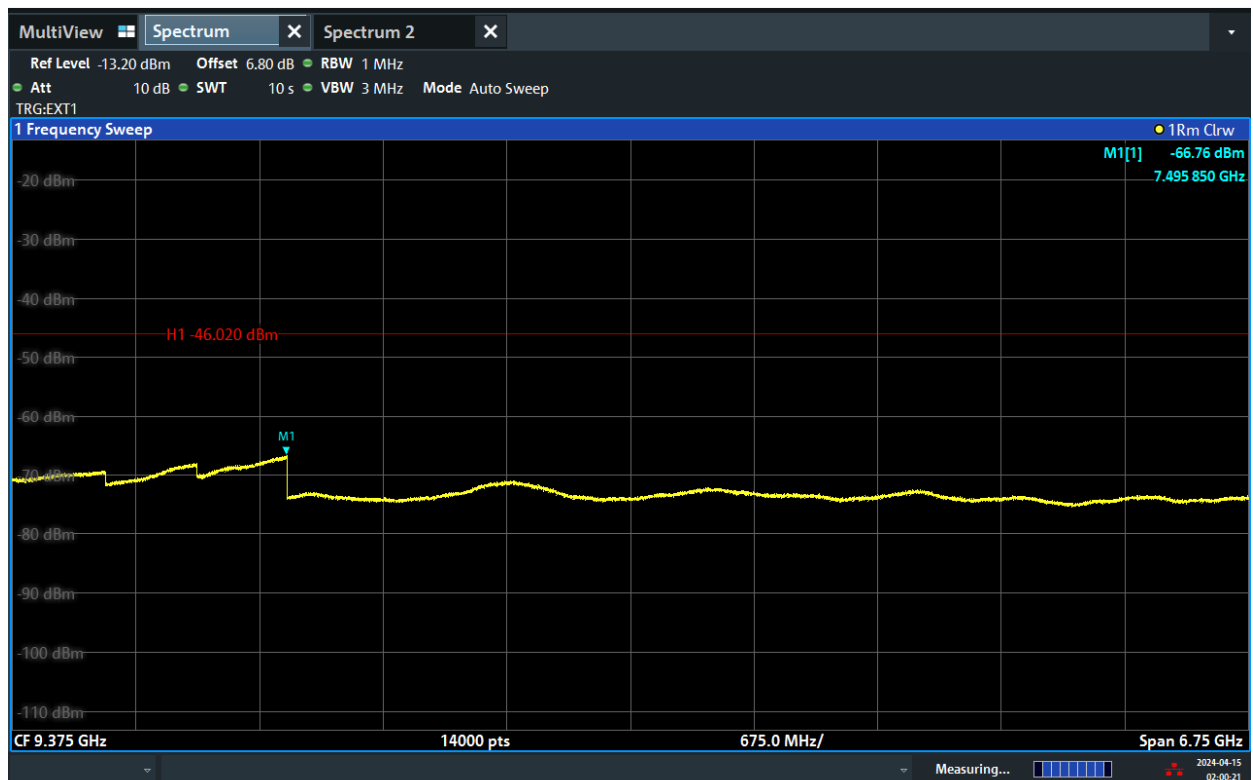


07:11:06 AM 04/12/2024

## TEST REPORT

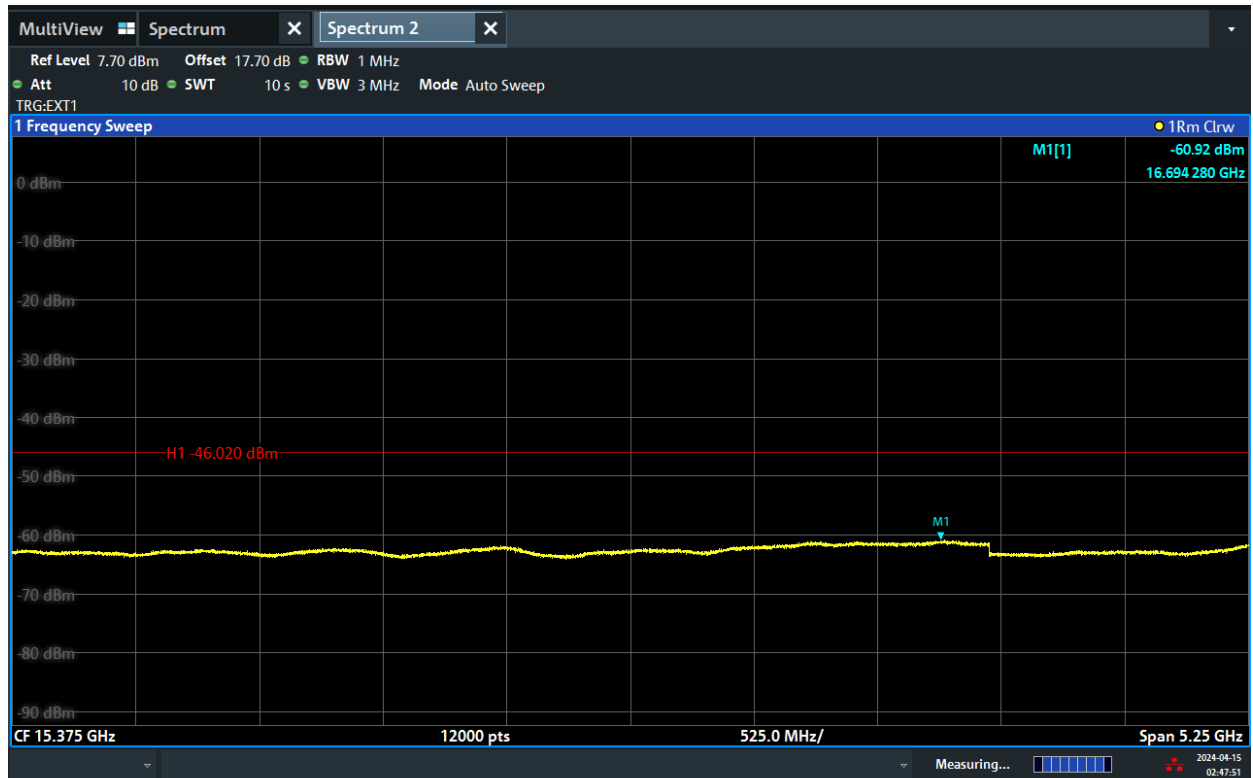


09:06:45 AM 04/12/2024

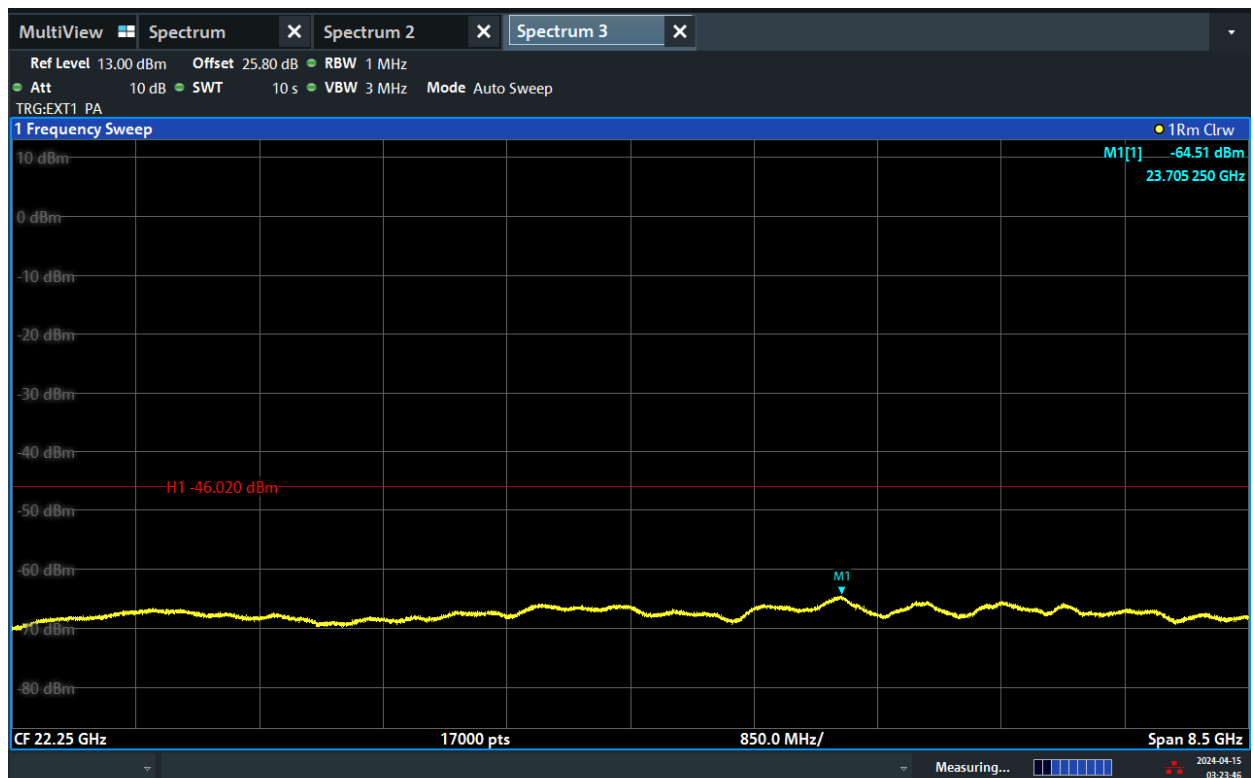


02:00:22 AM 04/15/2024

## TEST REPORT

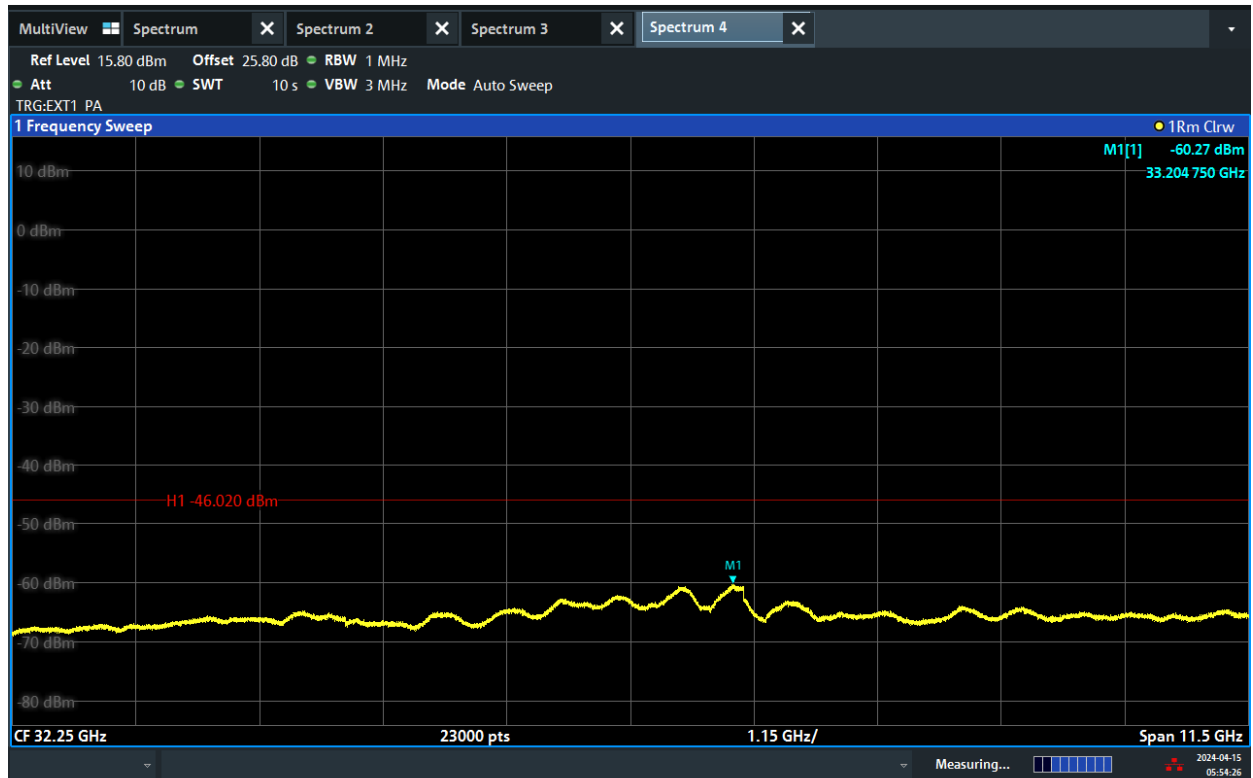


02:47:52 AM 04/15/2024



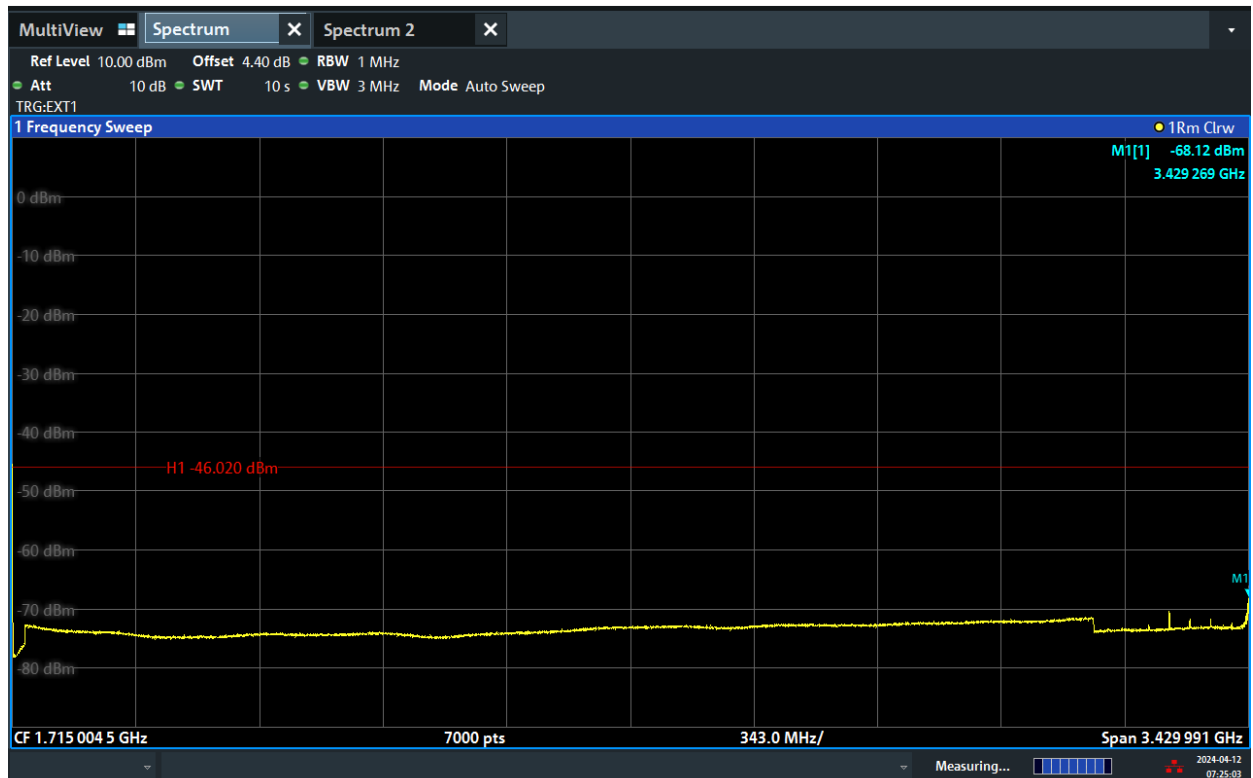
03:23:47 AM 04/15/2024

## TEST REPORT



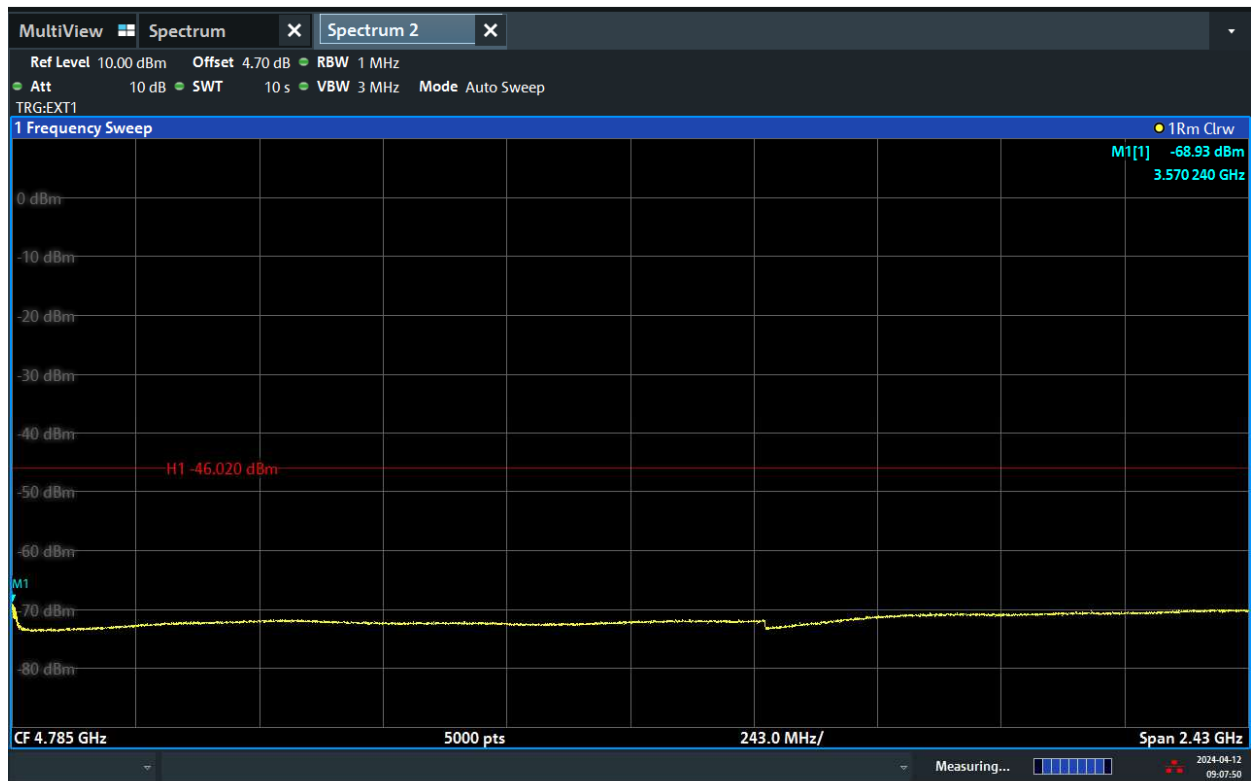
05:54:27 AM 04/15/2024

### Channel Position T

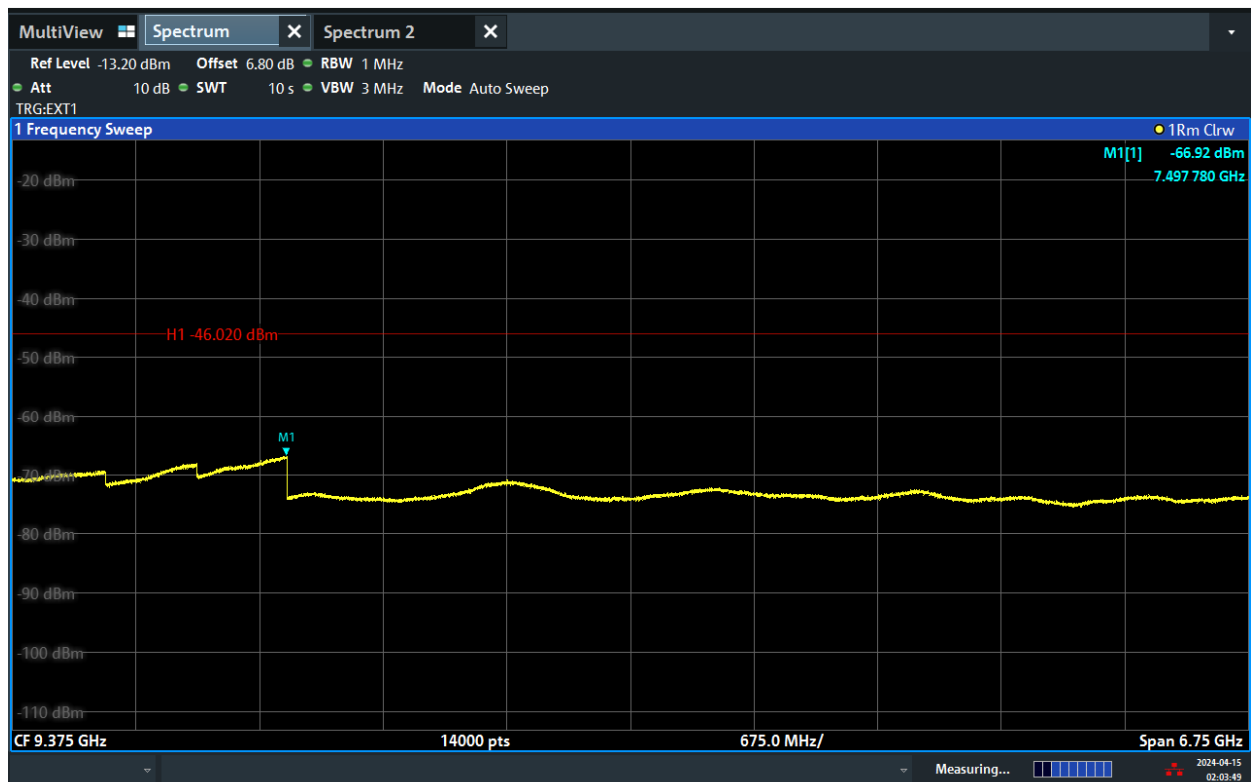


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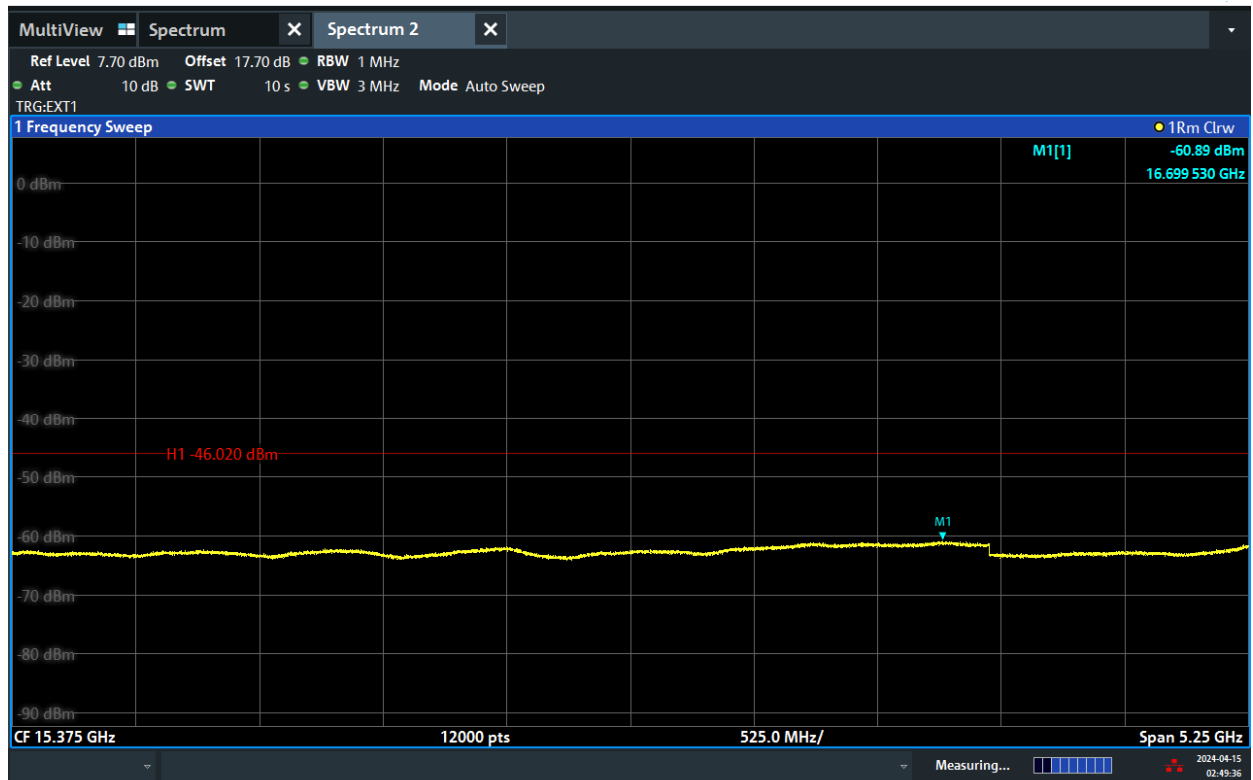


09:07:51 AM 04/12/2024

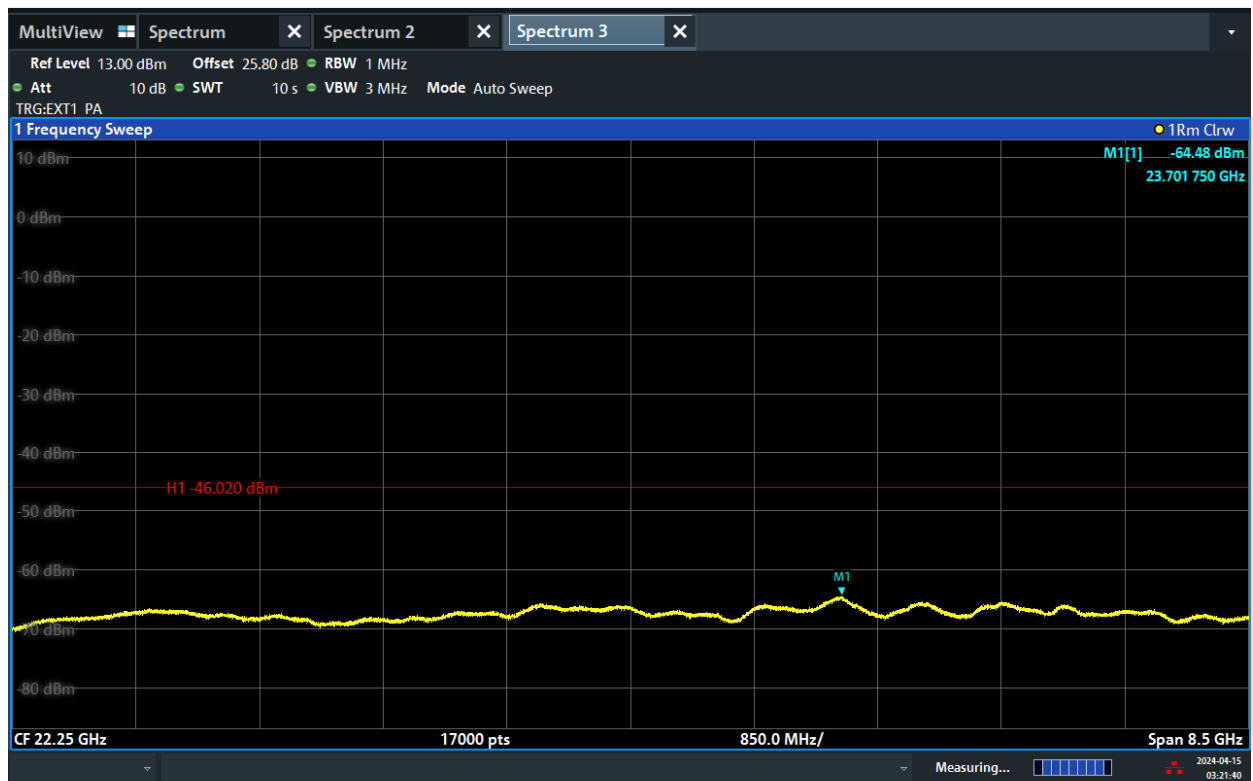


02:03:49 AM 04/15/2024

## TEST REPORT

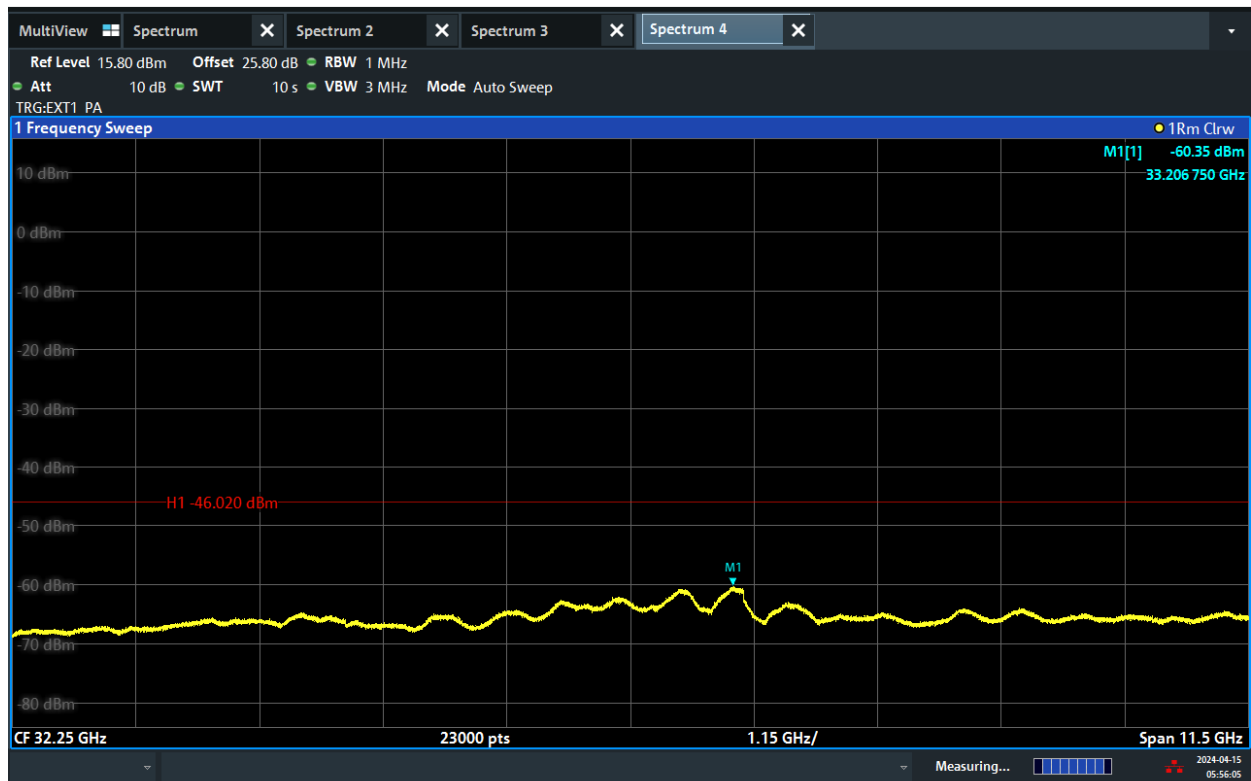


02:49:37 AM 04/15/2024



03:21:40 AM 04/15/2024

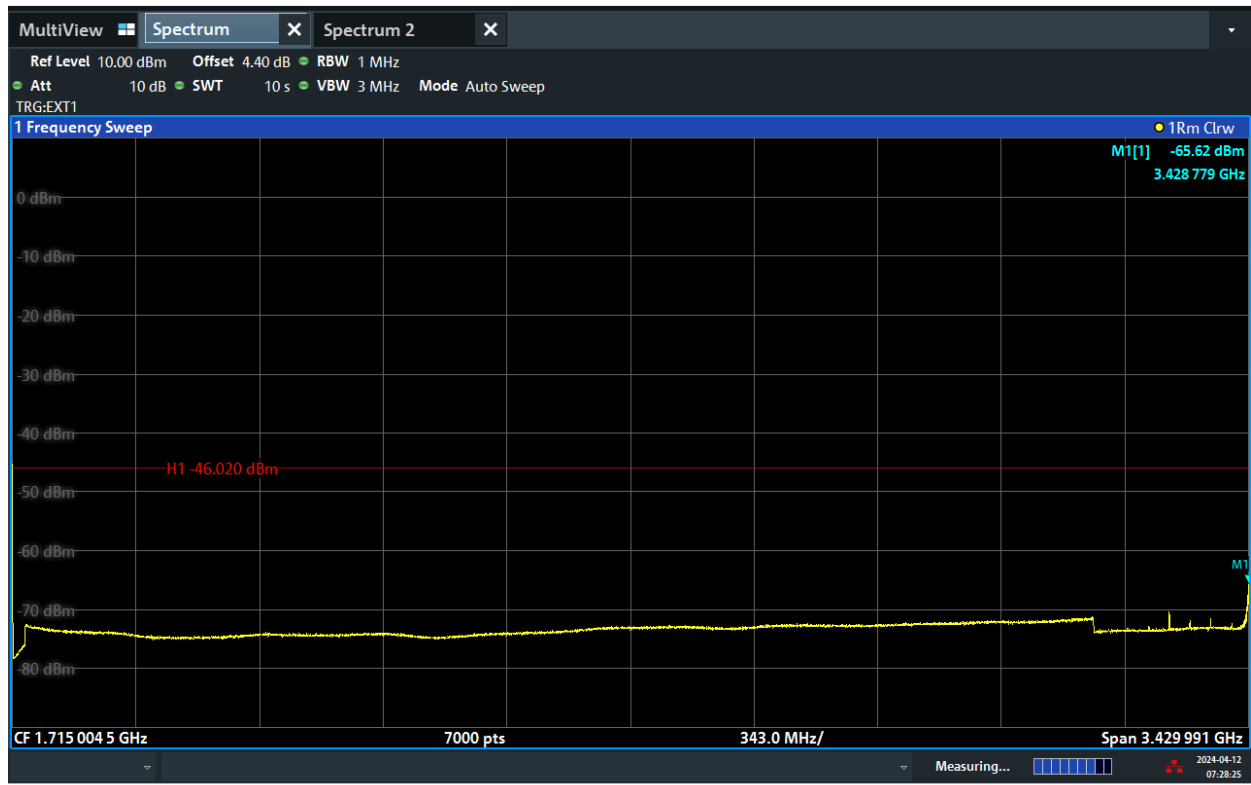
## TEST REPORT



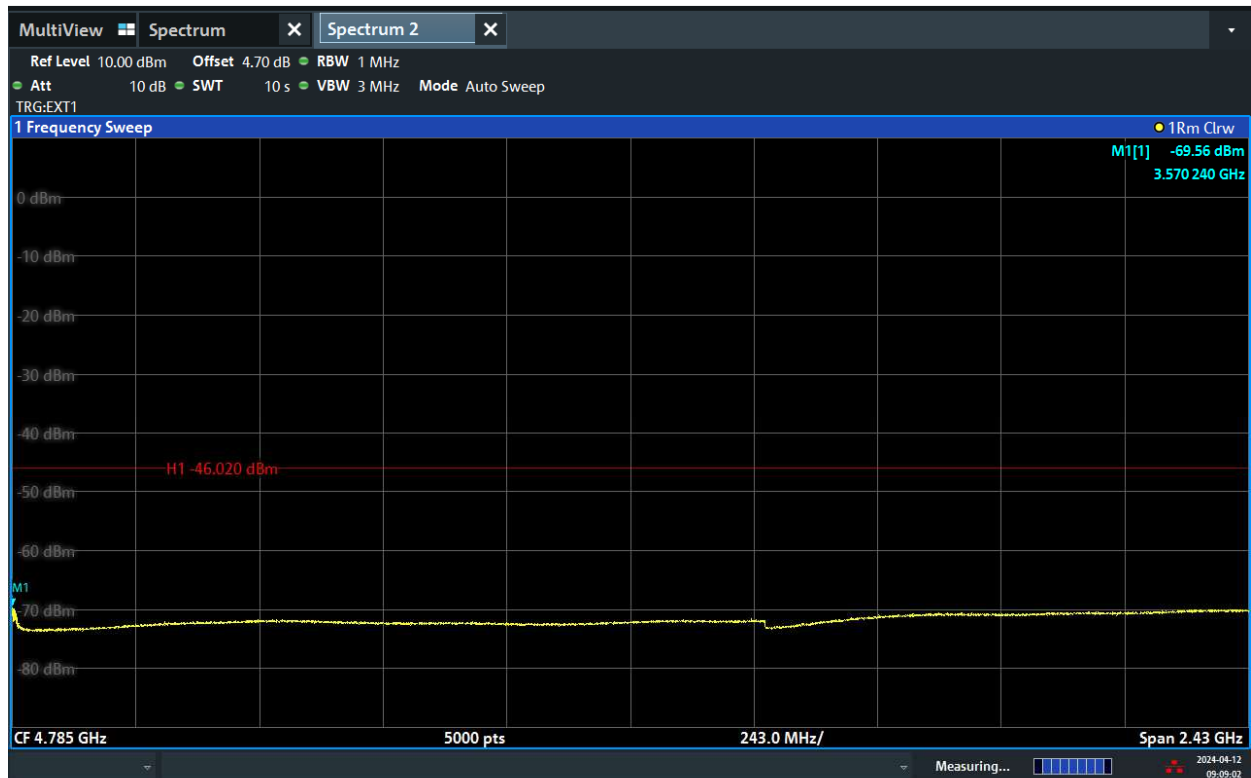
05:56:06 AM 04/15/2024

Antenna Port	Channel Position	Modulation	BW (MHz)	Frequency range (MHz)	RBW (kHz)	Limit (dBm)
C	B	256QAM	15	0.009-3430 3570-38000	1000	-46.02
C	T	256QAM	15	0.009-3430 3570-38000	1000	-46.02

### Channel Position B



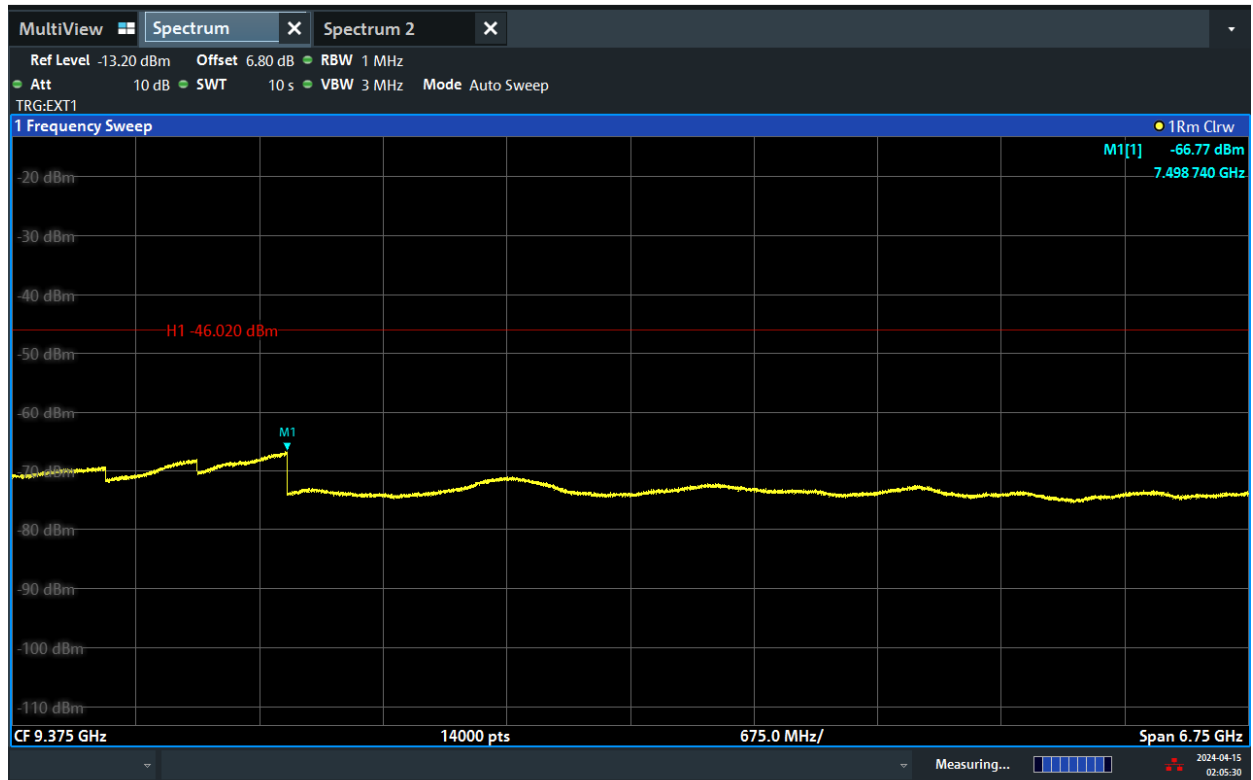
07:28:26 AM 04/12/2024



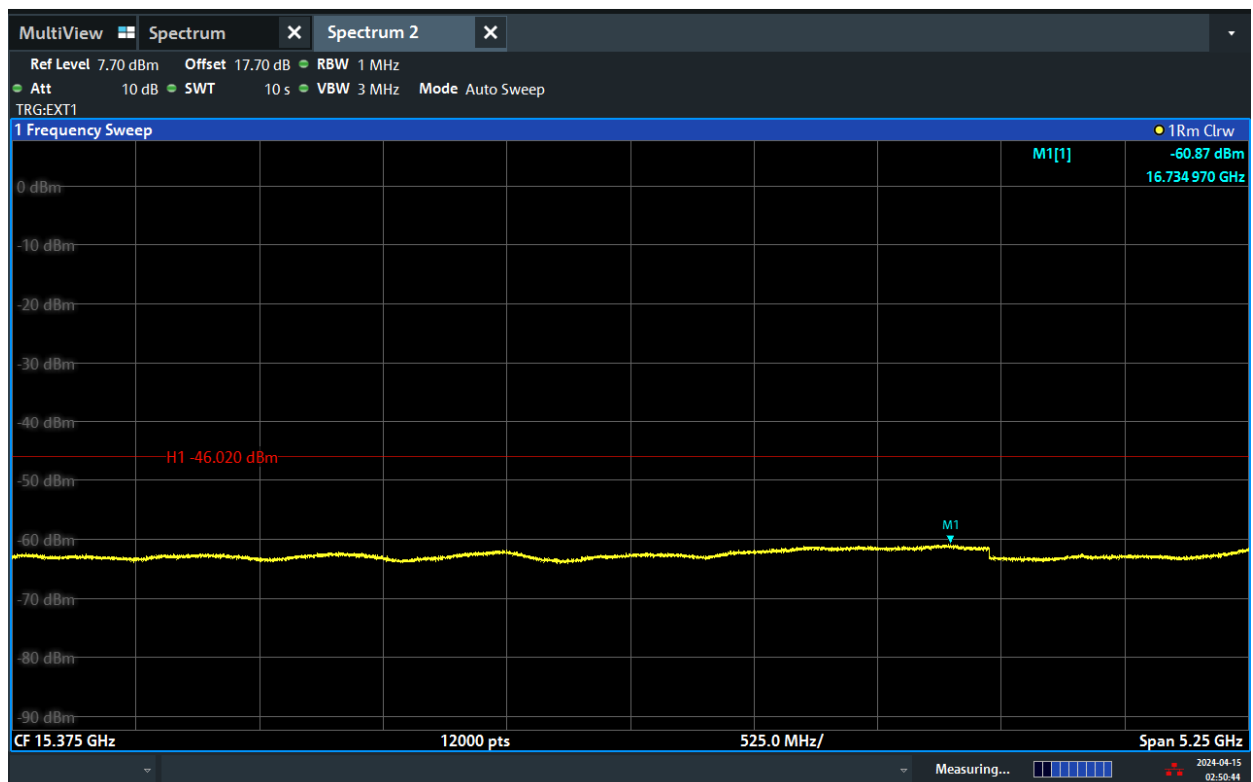
09:09:02 AM 04/12/2024



## TEST REPORT



02:05:31 AM 04/15/2024

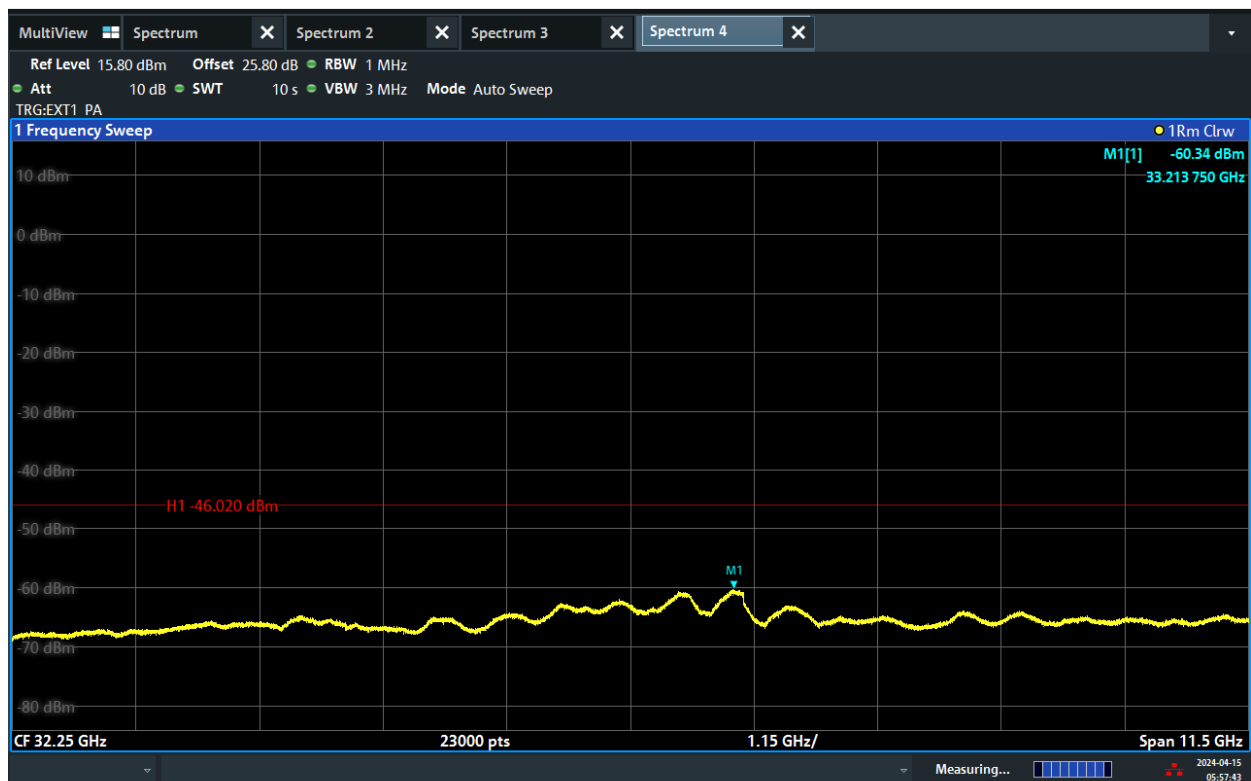


02:50:45 AM 04/15/2024

## TEST REPORT

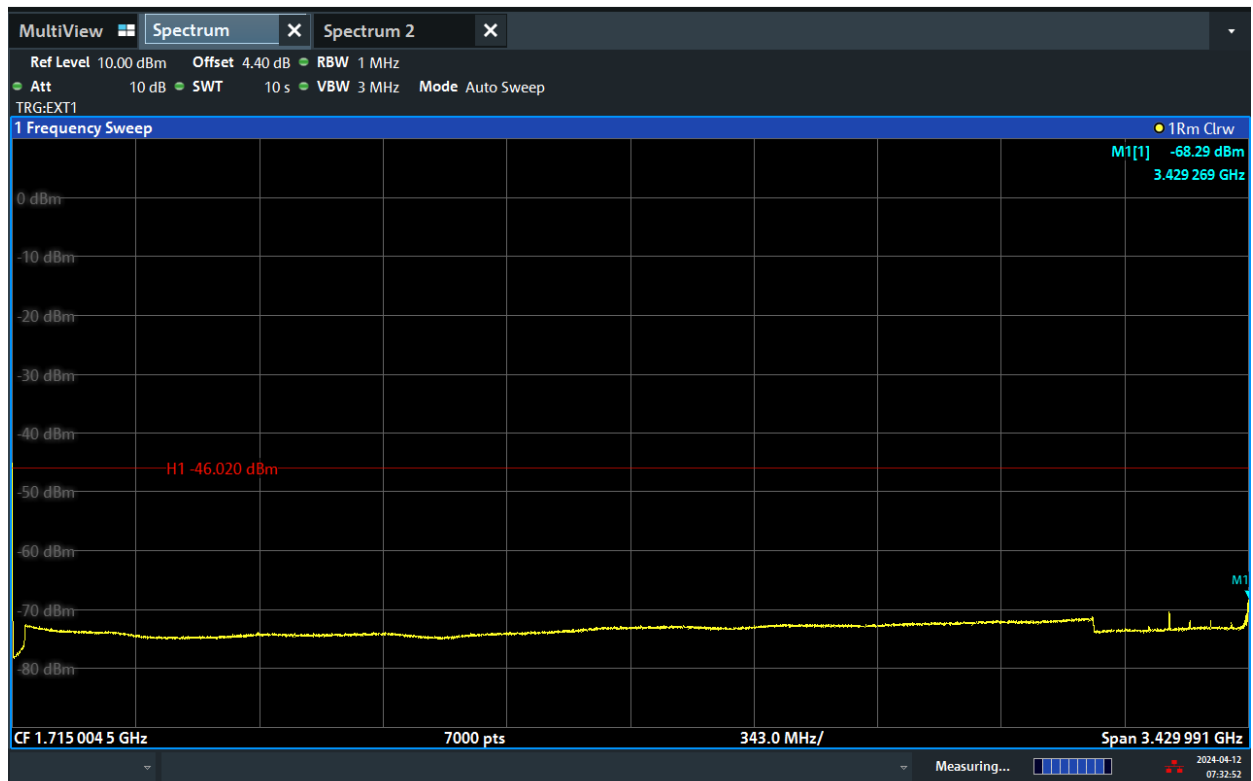


05:23:02 AM 04/15/2024

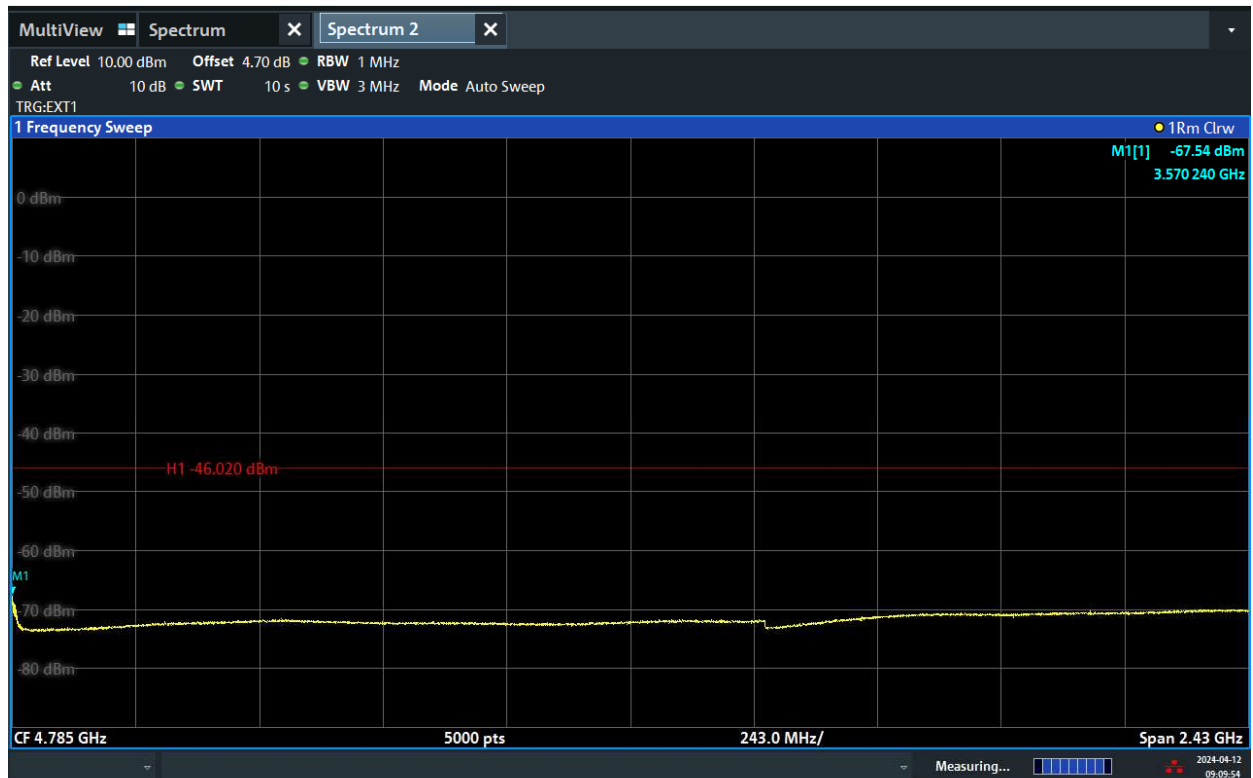


05:57:43 AM 04/15/2024

### Channel Position T

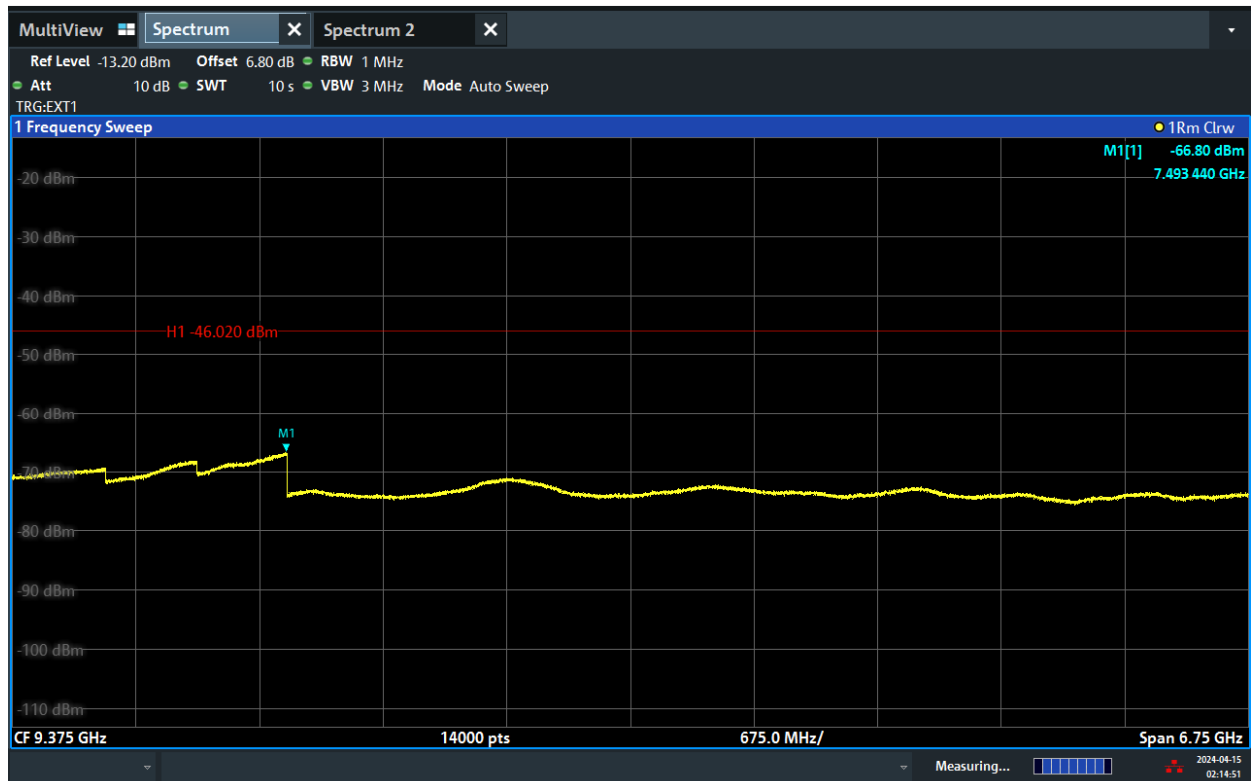


07:32:53 AM 04/12/2024

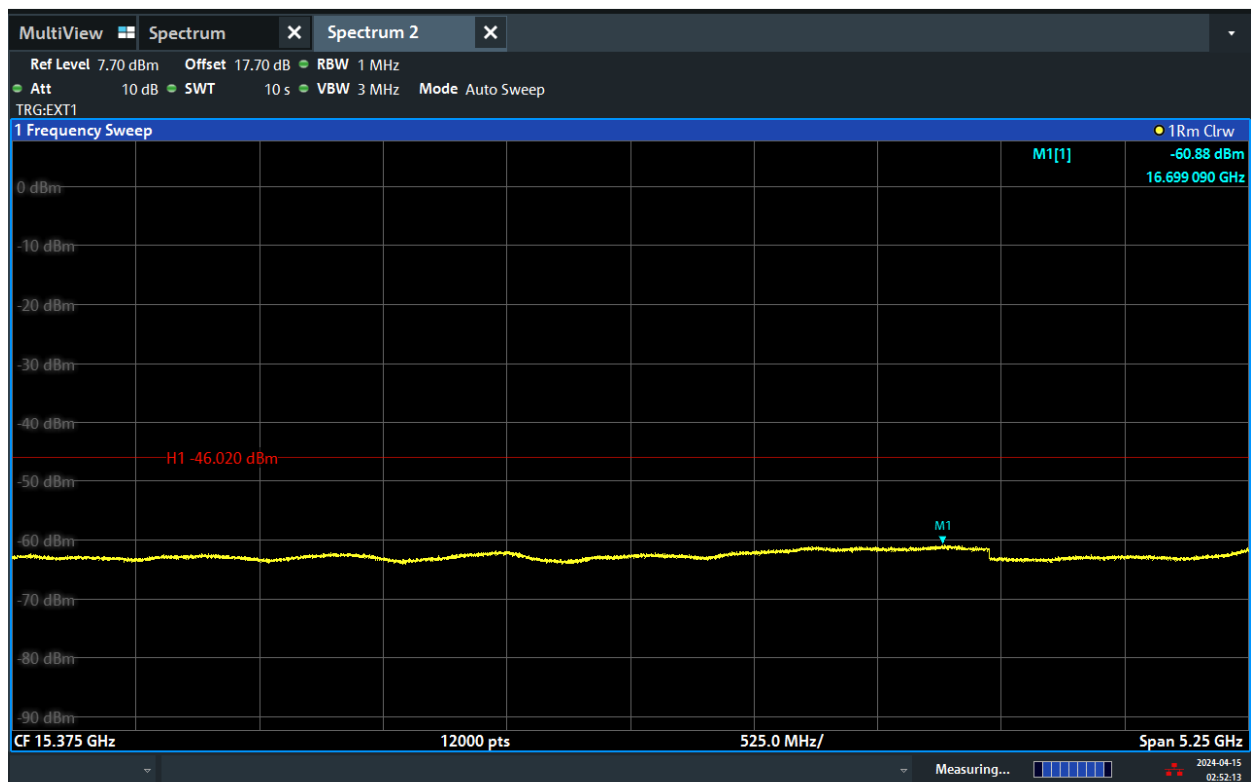


09:09:54 AM 04/12/2024

## TEST REPORT

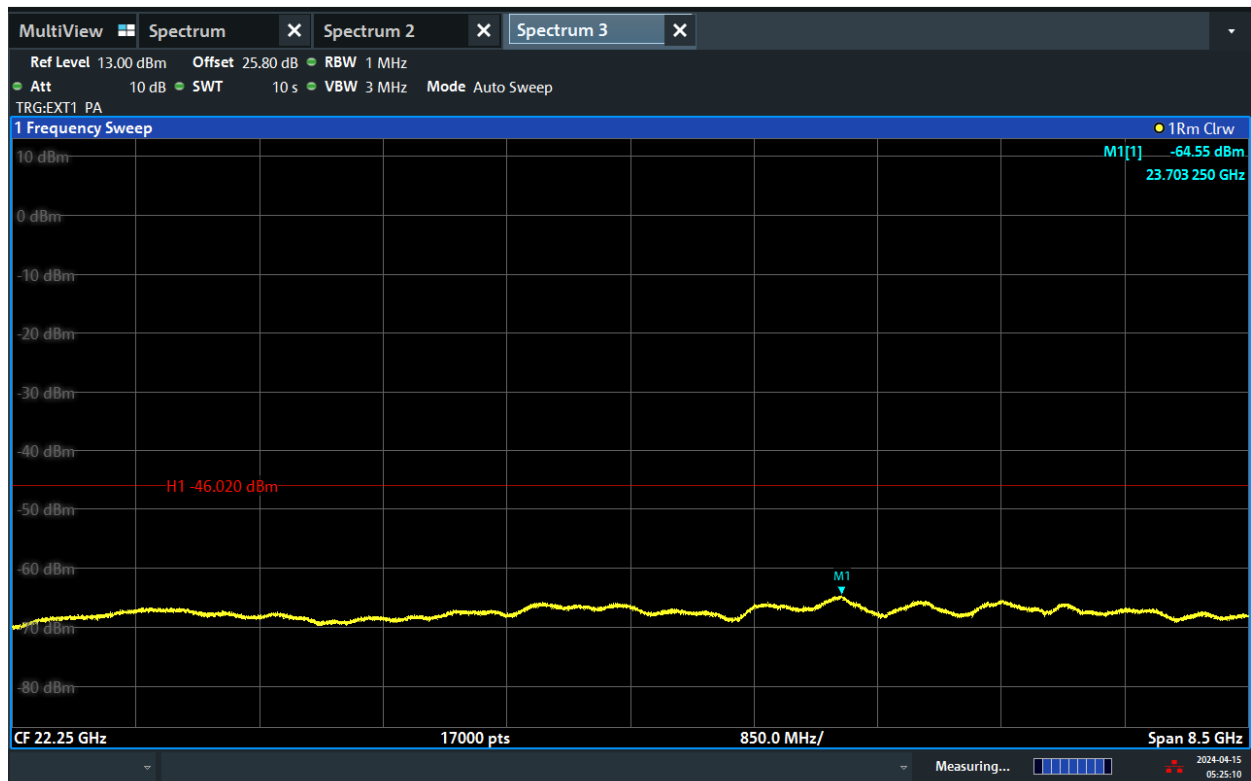


02:14:51 AM 04/15/2024

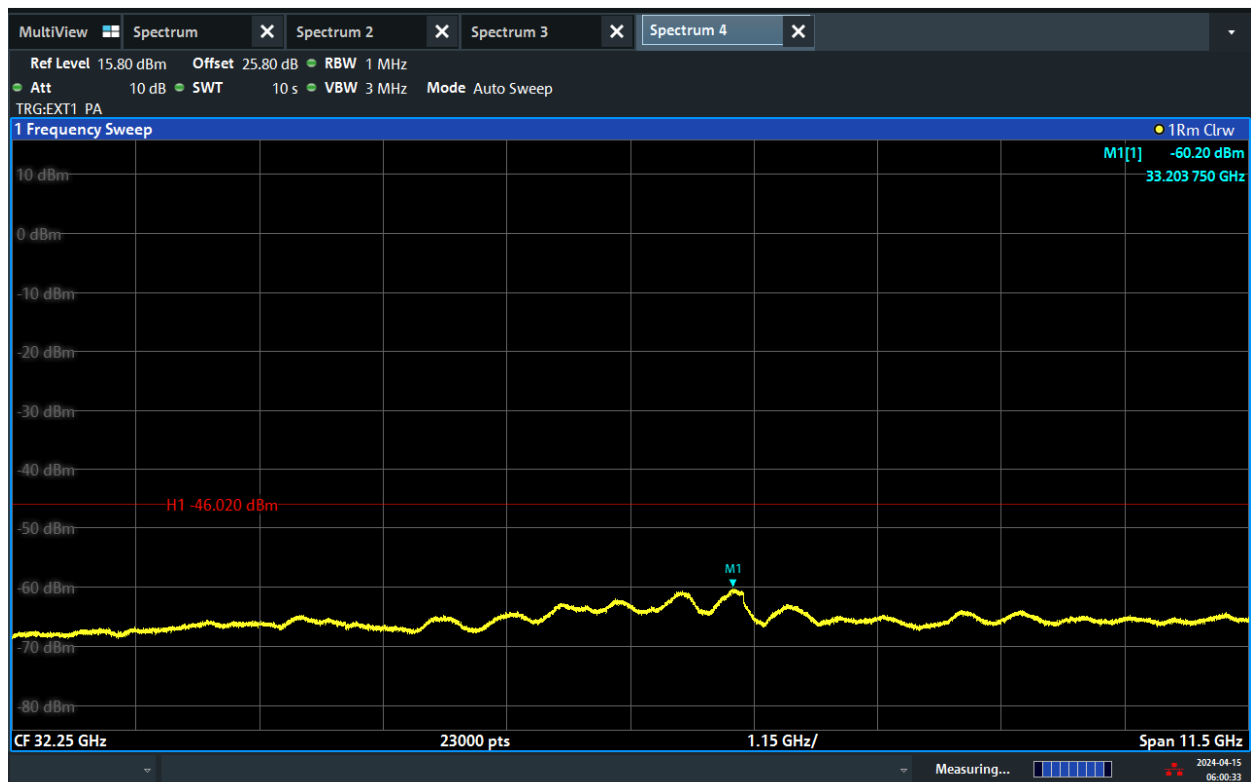


02:52:13 AM 04/15/2024

## TEST REPORT



05:25:10 AM 04/15/2024



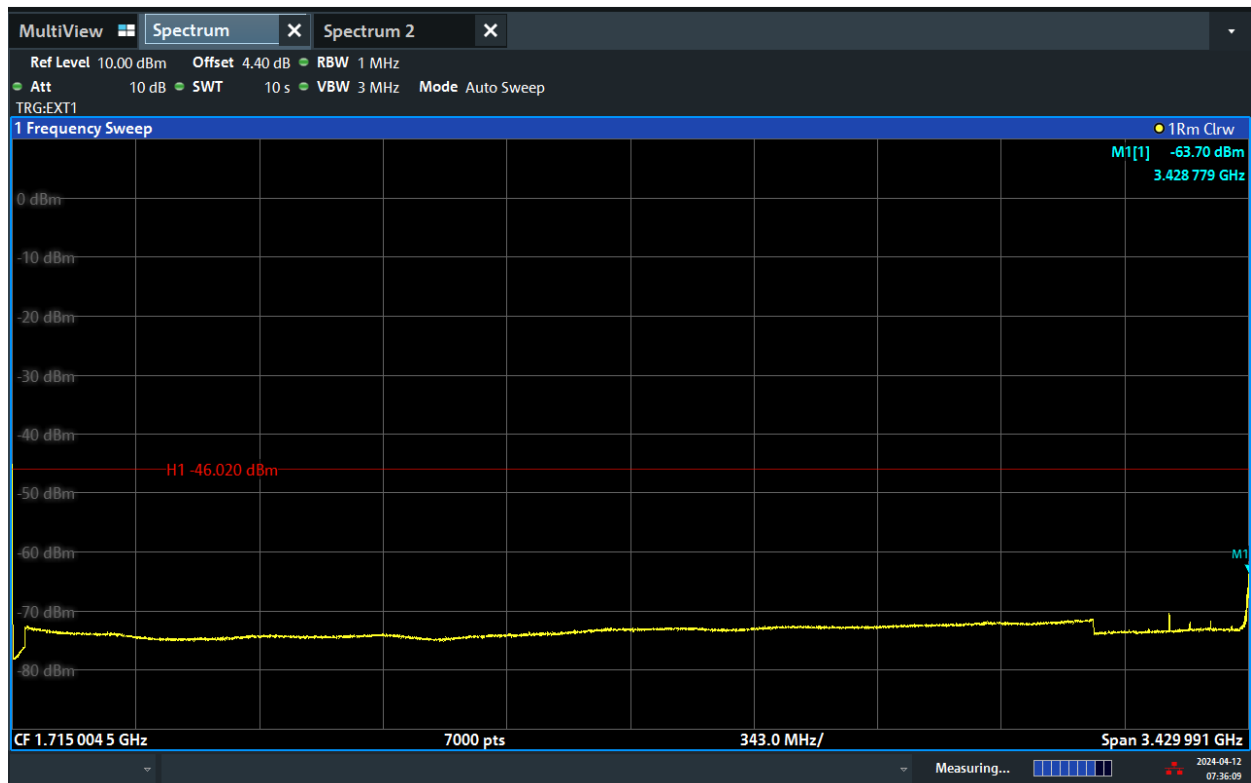
06:00:34 AM 04/15/2024

## TEST REPORT

NRG-2C-UE

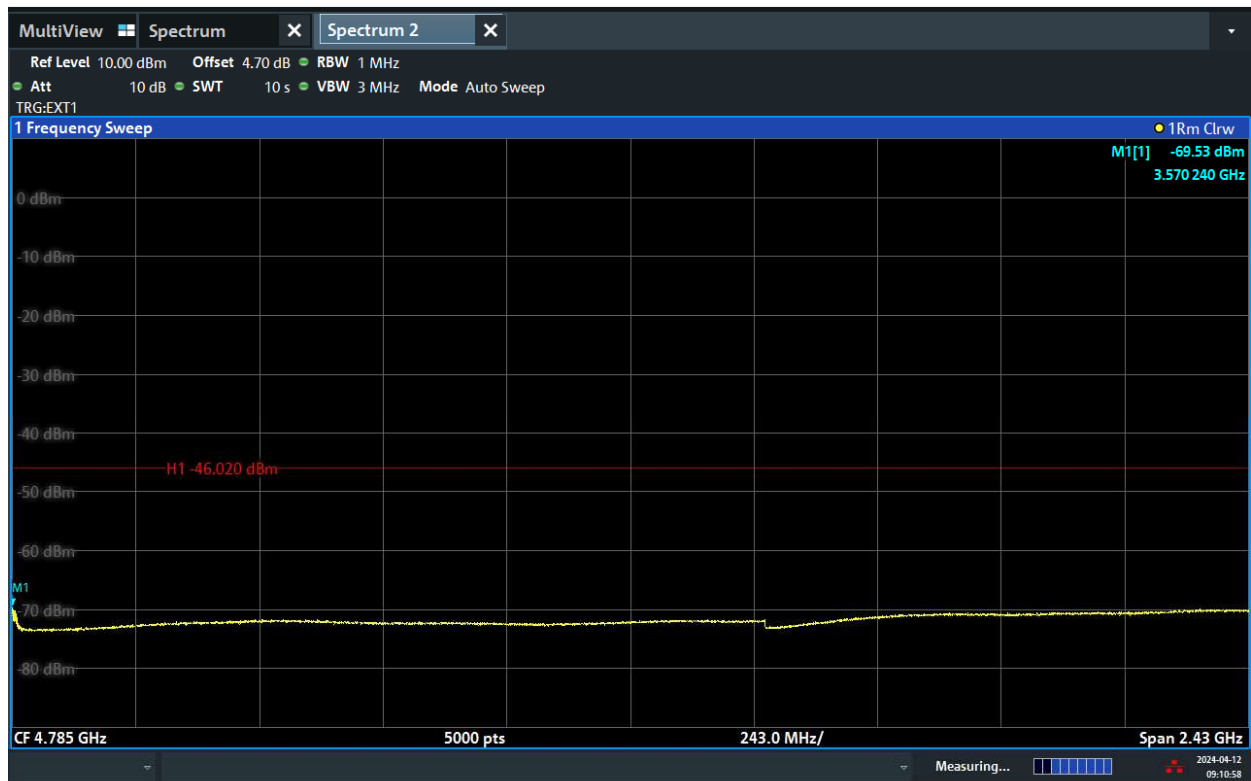
Antenna Port	Channel Position	Modulation	BW (MHz)	Frequency range (MHz)	RBW (kHz)	Limit (dBm)
C	B	256QAM	10	0.009-3430 3570-38000	1000	-46.02
C	T	256QAM	10	0.009-3430 3570-38000	1000	-46.02

Channel Position B

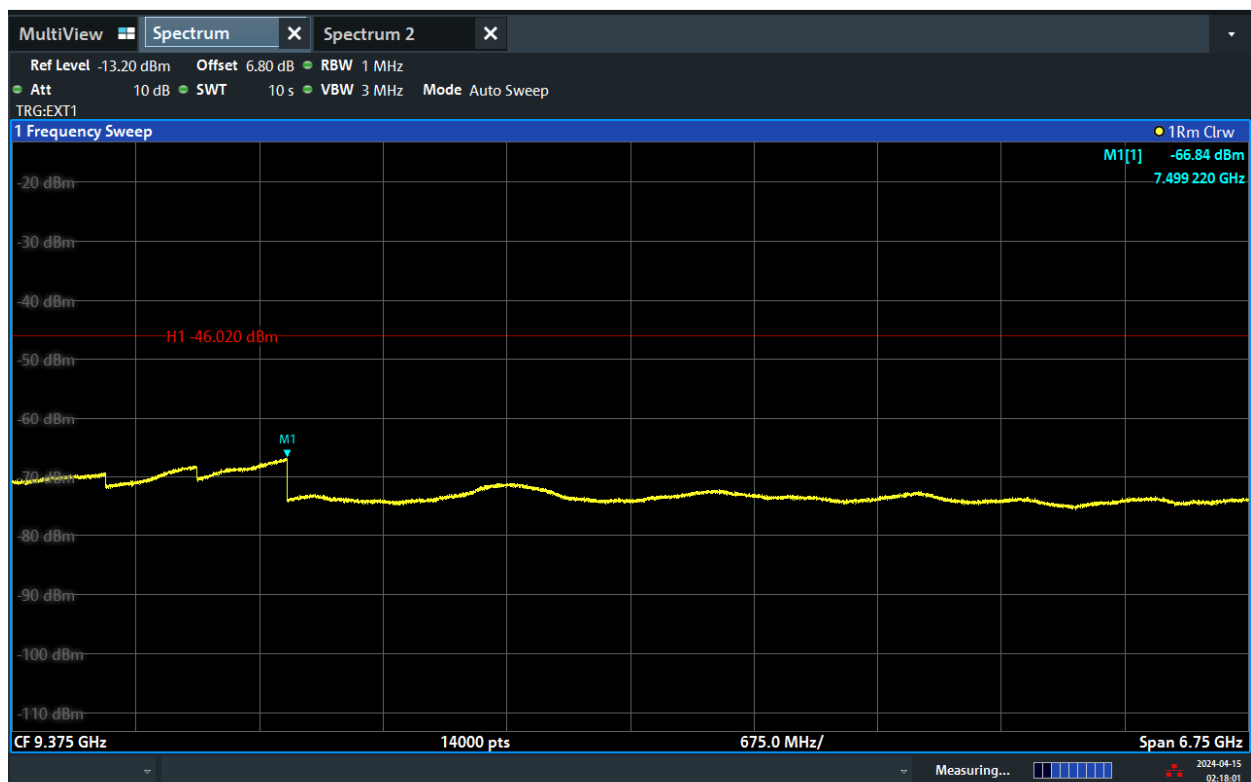


07:36:10 AM 04/12/2024

## TEST REPORT



09:10:59 AM 04/12/2024



02:18:02 AM 04/15/2024