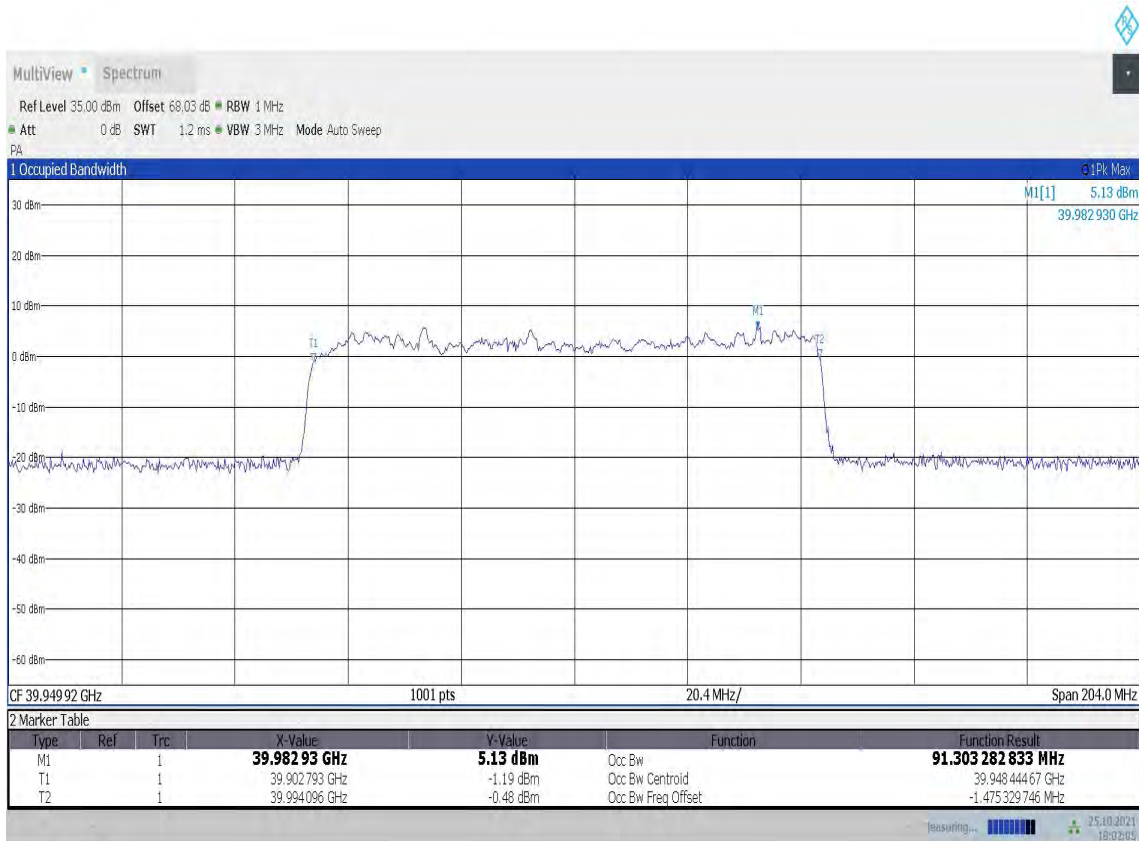


**n260, 100MHz (99%)
HIGH CHANNEL**

Module0, PUSCH DFT			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
39949.92	QPSK	16QAM	64QAM
	/	/	91.30

n260, 100MHz Bandwidth, HIGH CHANNEL, QPSK (99% BW)



18:02:06 25.10.2021

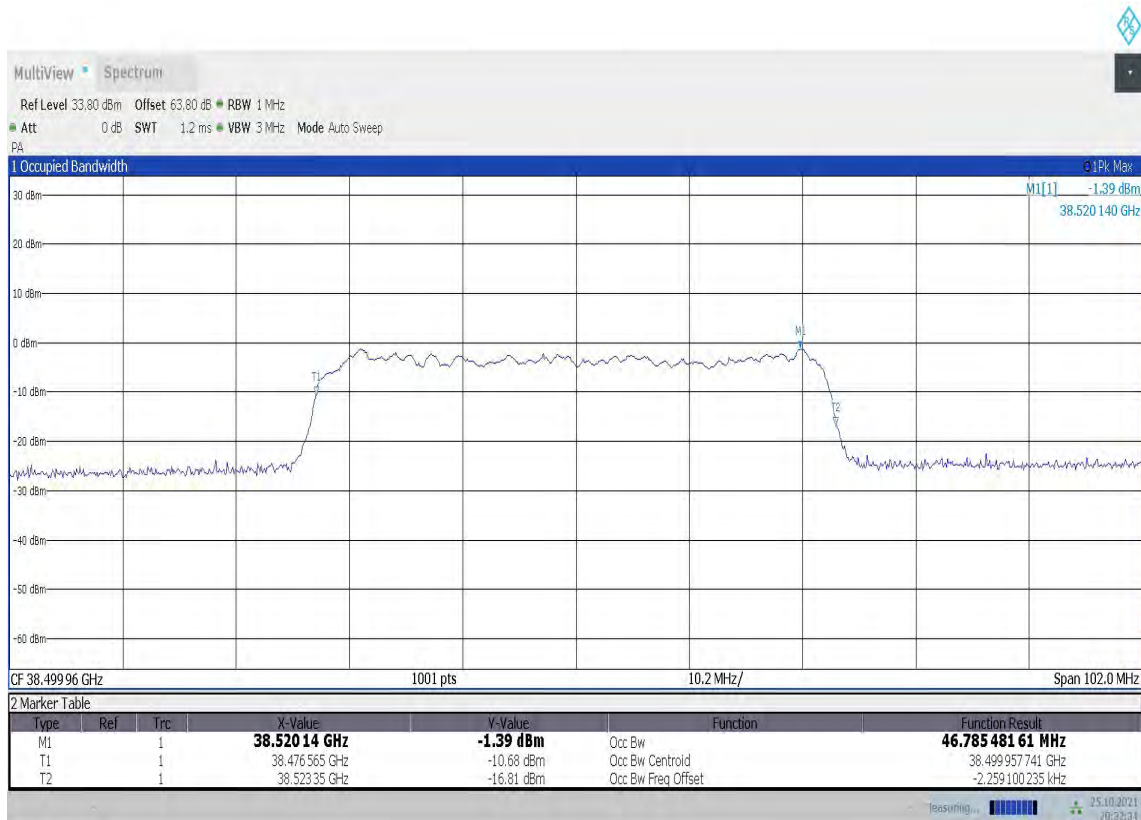
NOTE: Note: The worst modulation is 64QAM, and we test follow setups used 64QAM.

n260, 50MHz (99%)

MID CHANNEL

Module1, PUSCH DFT			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
38499.96	QPSK	16QAM	64QAM
	/	/	46.79

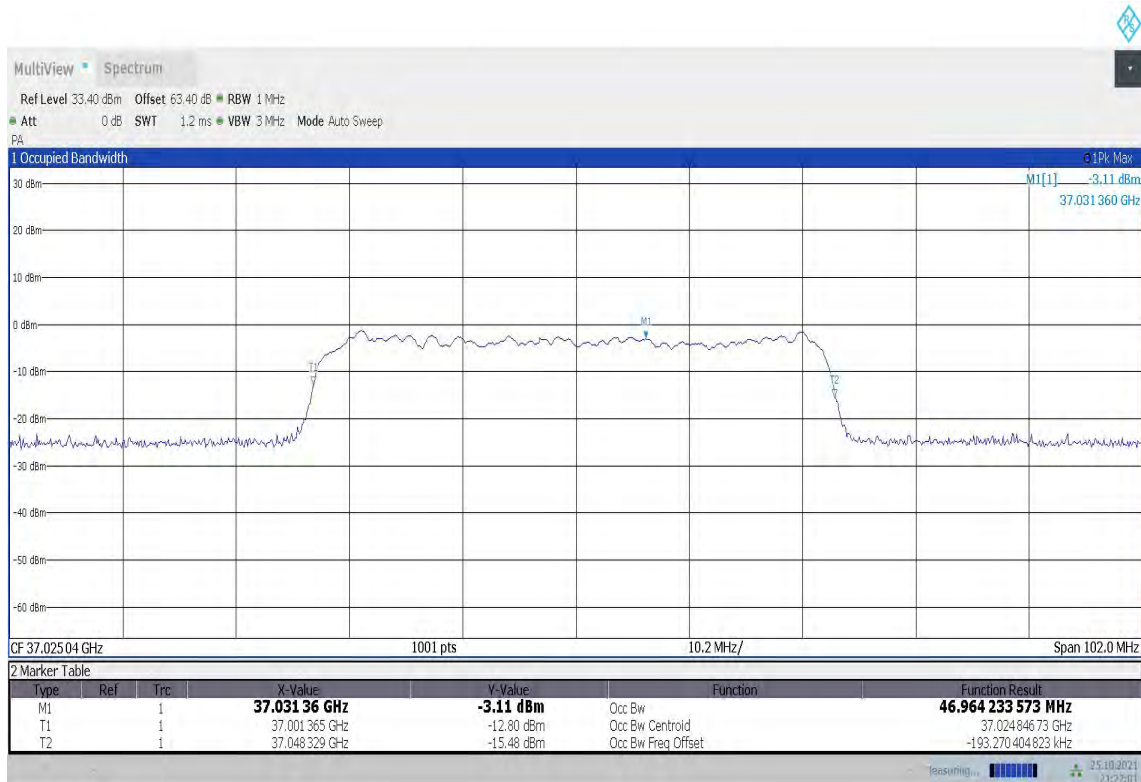
n260, 50MHz Bandwidth, MID CHANNEL, QPSK (99% BW)



LOW CHANNEL

Module1, PUSCH DFT			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
37025.04	QPSK	16QAM	64QAM
	/	/	46.96

n260, 50MHz Bandwidth, LOW CHANNEL, QPSK (99% BW)

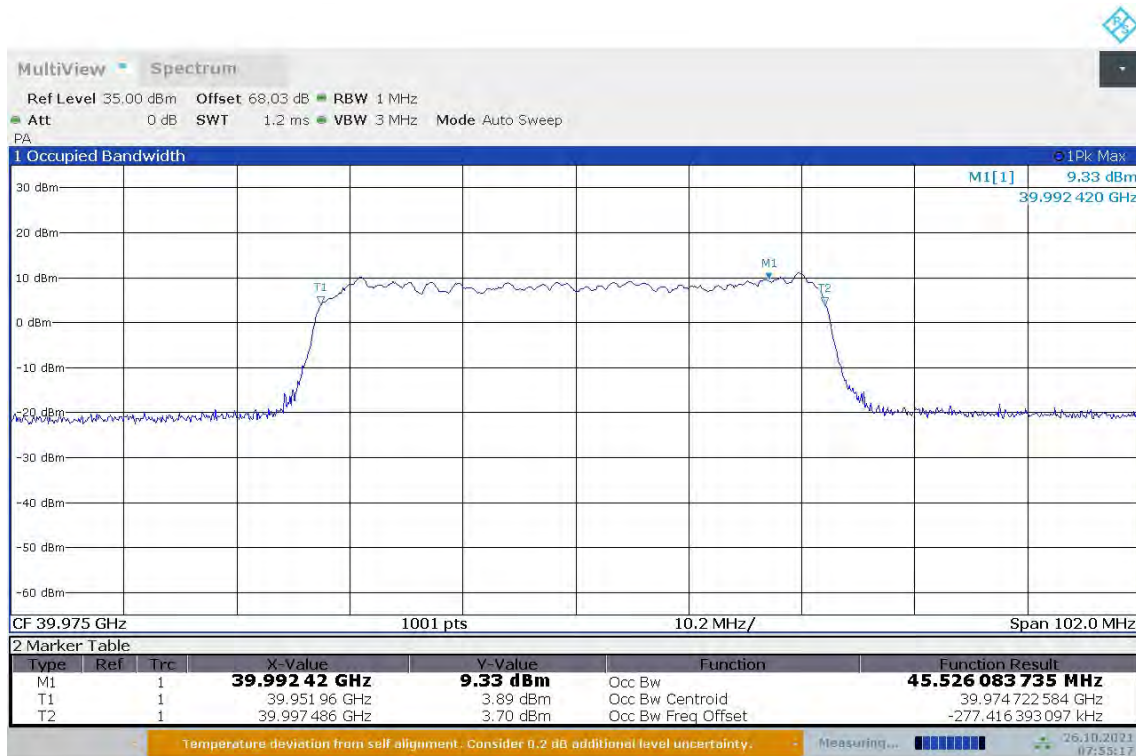


21:22:02 25.10.2021

HIGH CHANNEL

Module1, PUSCH DFT			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
37025.04	QPSK	16QAM	64QAM
	/	/	45.53

n260, 50MHz Bandwidth, HIGH CHANNEL, QPSK (99% BW)



07:55:18 26.10.2021

n260, 100MHz (99%)

MID CHANNEL

Module1, PUSCH DFT			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
38499.96	QPSK	16QAM	64QAM
	/	/	90.63

n260, 100MHz Bandwidth, MID CHANNEL, QPSK (99% BW)

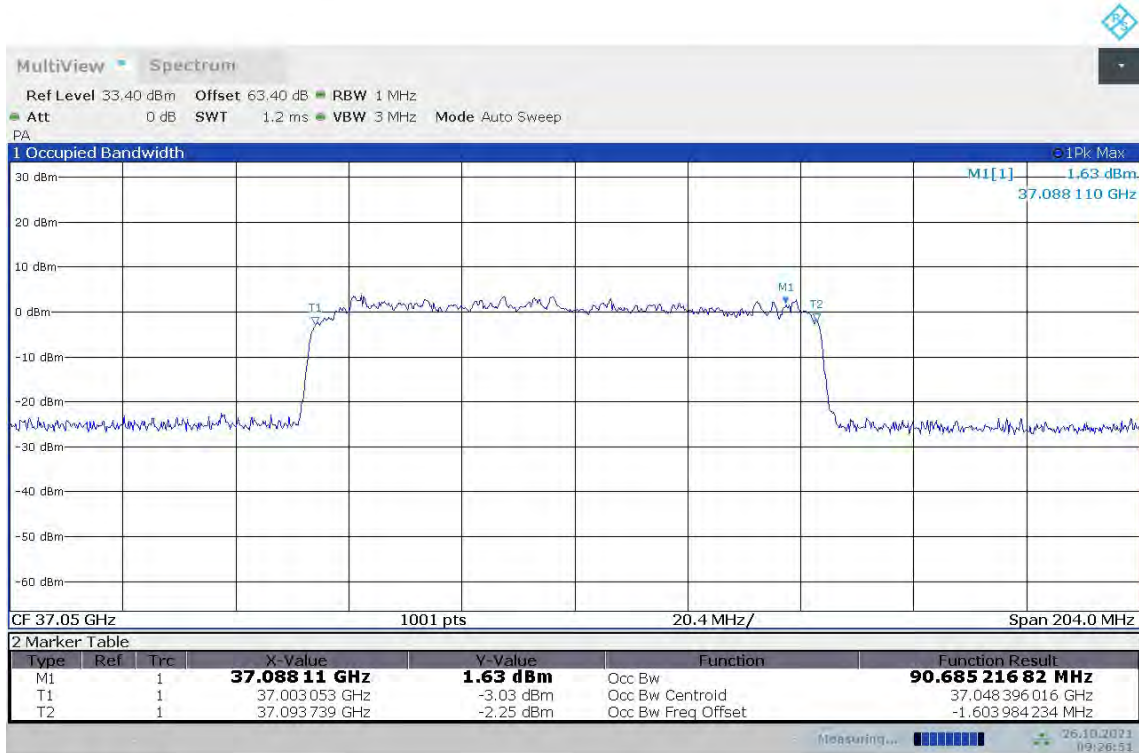


09:33:37 26.10.2021

LOW CHANNEL

Module1, PUSCH DFT			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
37050	QPSK	16QAM	64QAM
	/	/	90.69

n260, 100MHz Bandwidth, LOW CHANNEL, QPSK (99% BW)

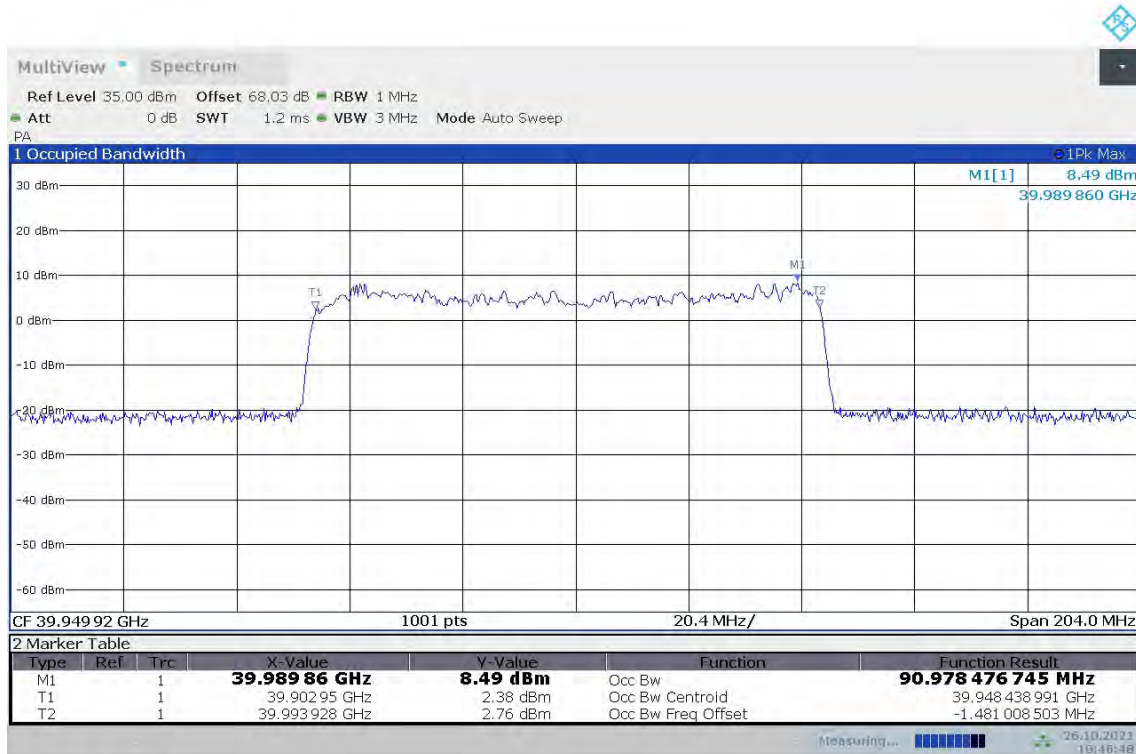


09:26:52 26.10.2021

HIGH CHANNEL

Module1, PUSCH DFT			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
39949.92	QPSK	16QAM	64QAM
	/	/	90.98

n260, 100MHz Bandwidth, HIGH CHANNEL, QPSK (99% BW)



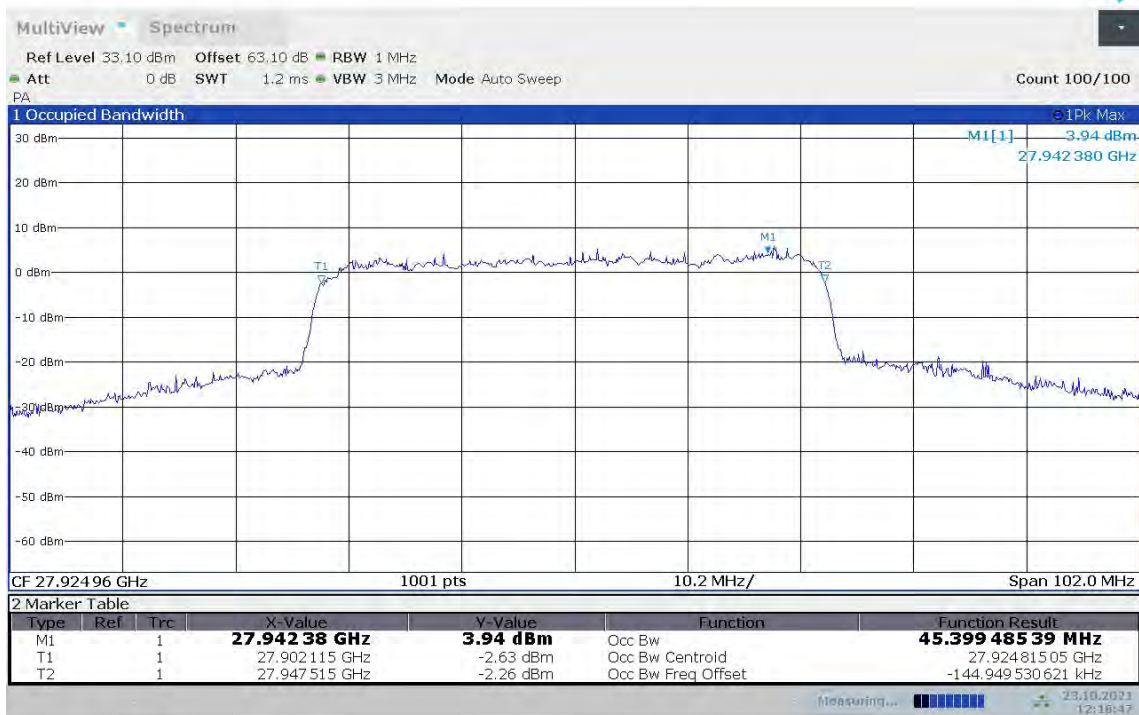
10:46:48 26.10.2021

n261, 50MHz (99%)

MID CHANNEL

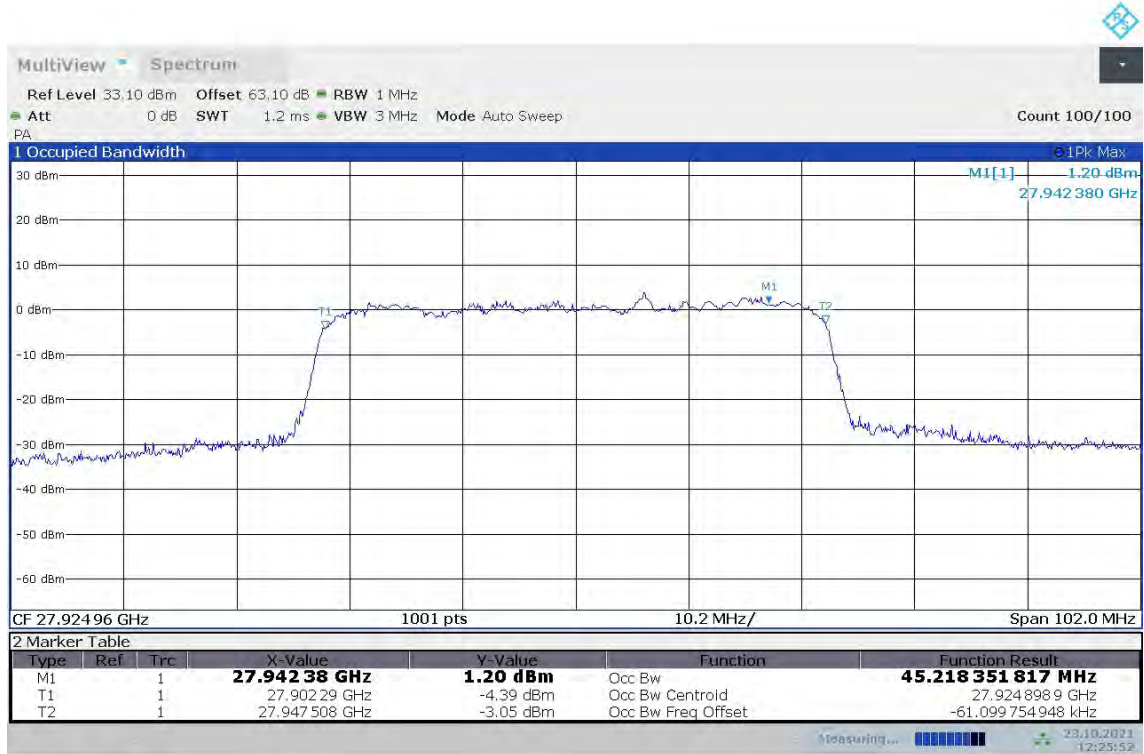
Module0, CP-OFDM			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
27924.96	QPSK	16QAM	64QAM
	45.40	45.22	45.27

n261, 50MHz Bandwidth, MID CHANNEL, QPSK (99% BW)



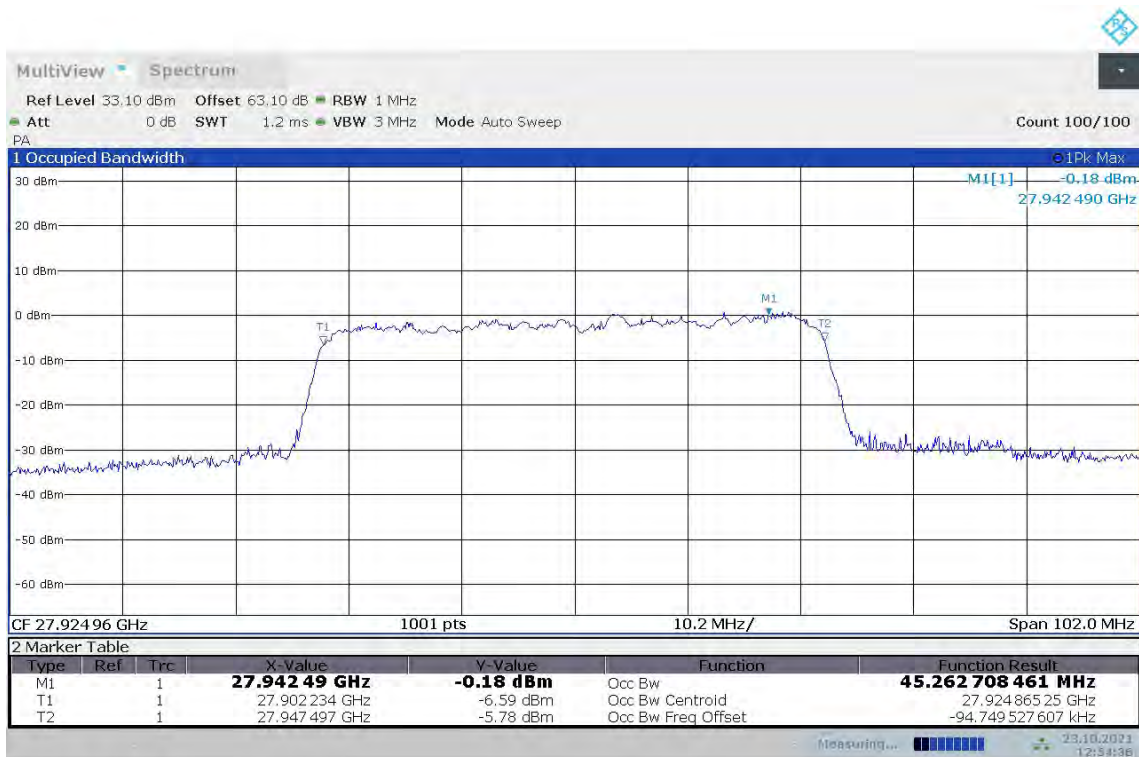
12:16:48 23.10.2021

n261, 50MHz Bandwidth, MID CHANNEL, 16QAM (99% BW)



12:25:52 23.10.2021

n261, 50MHz Bandwidth, MID CHANNEL, 64QAM (99% BW)



12:54:37 23.10.2021

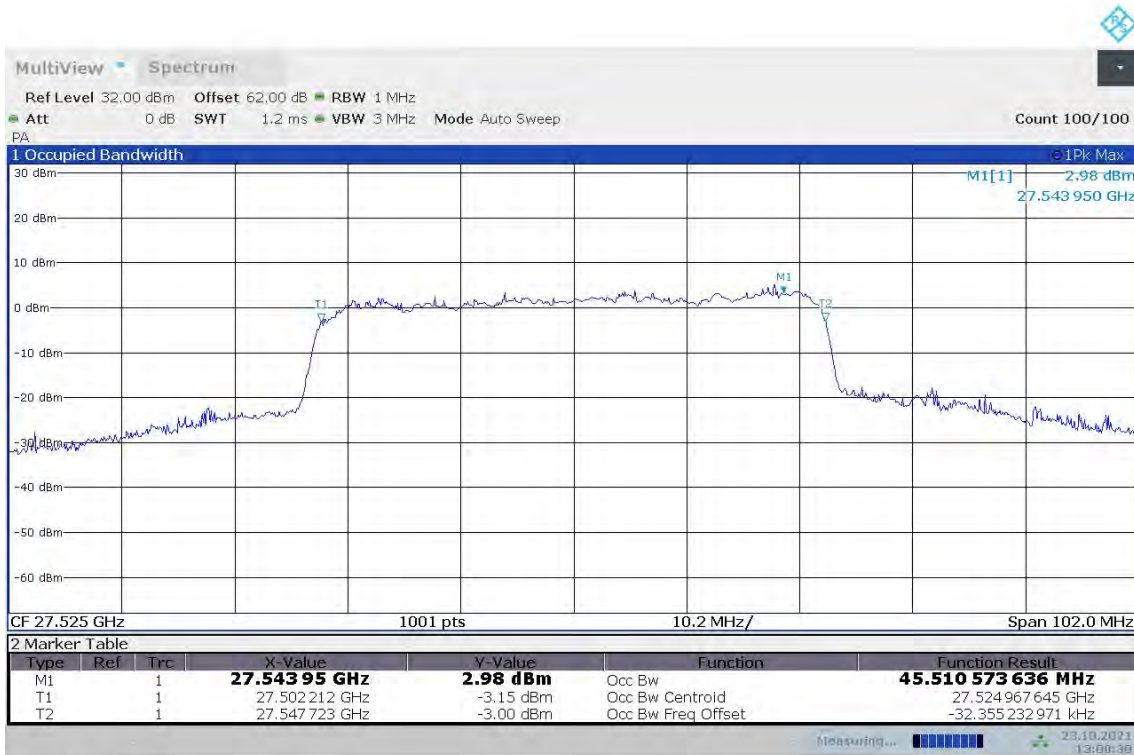
Note: The worst modulation is QPSK, and we test follow setups used QPSK.

n261, 50MHz (99%)

LOW CHANNEL

Module0, CP-OFDM			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
27525	QPSK	16QAM	64QAM
	45.51	/	/

n261, 50MHz Bandwidth, LOW CHANNEL, QPSK (99% BW)



13:00:31 23.10.2021

**n261, 50MHz (99%)
HIGH CHANNEL**

Module0, CP-OFDM			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
28324.92	QPSK	16QAM	64QAM
	45.67	/	/

n261, 50MHz Bandwidth, HIGH CHANNEL, QPSK (99% BW)



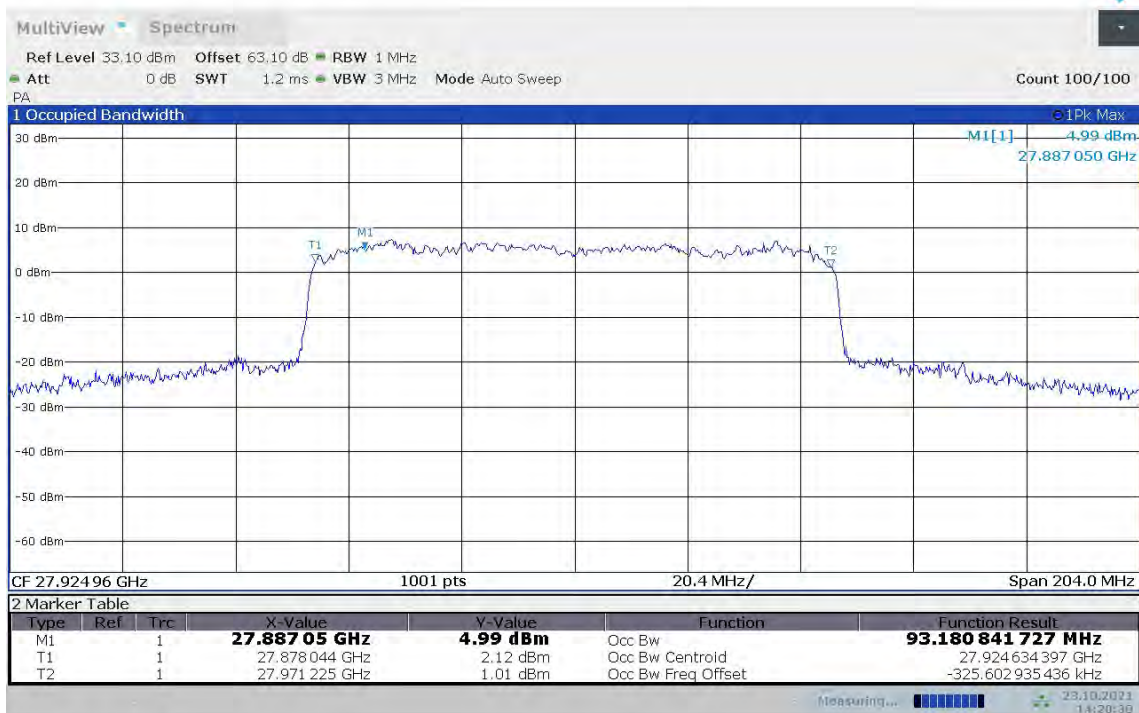
14:04:56 23.10.2021

n261, 100MHz (99%)

MID CHANNEL

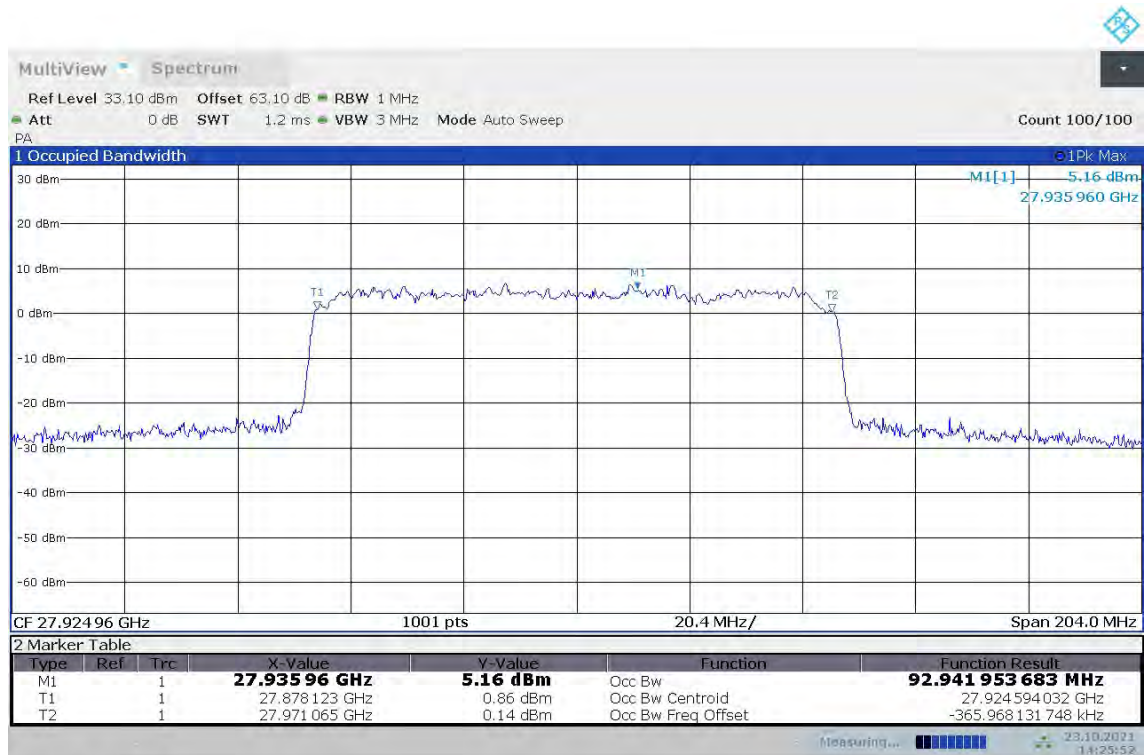
Module0, CP-OFDM			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
27924.96	QPSK	16QAM	64QAM
	93.18	92.94	92.73

n261, 100MHz Bandwidth, MID CHANNEL, QPSK (99% BW)



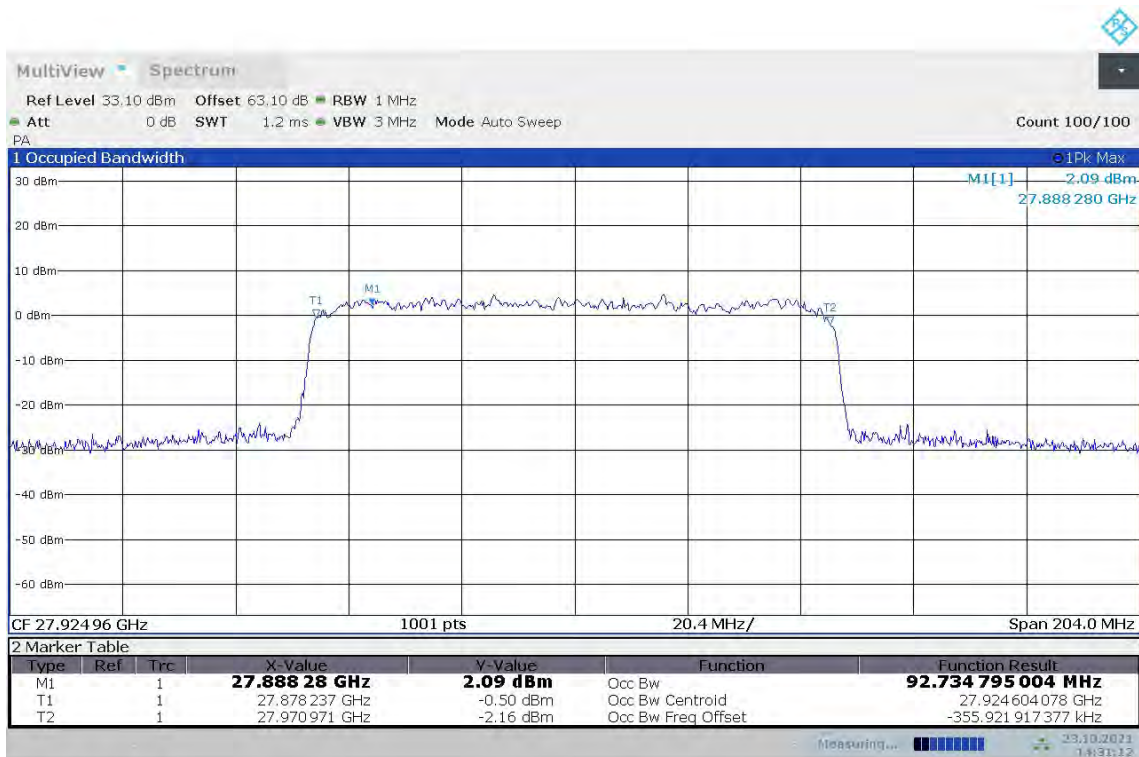
14:20:30 23.10.2021

n261, 100MHz Bandwidth, MID CHANNEL, 16QAM (99% BW)



14:25:53 23.10.2021

n261, 100MHz Bandwidth, MID CHANNEL, 64QAM (99% BW)



14:31:12 23.10.2021

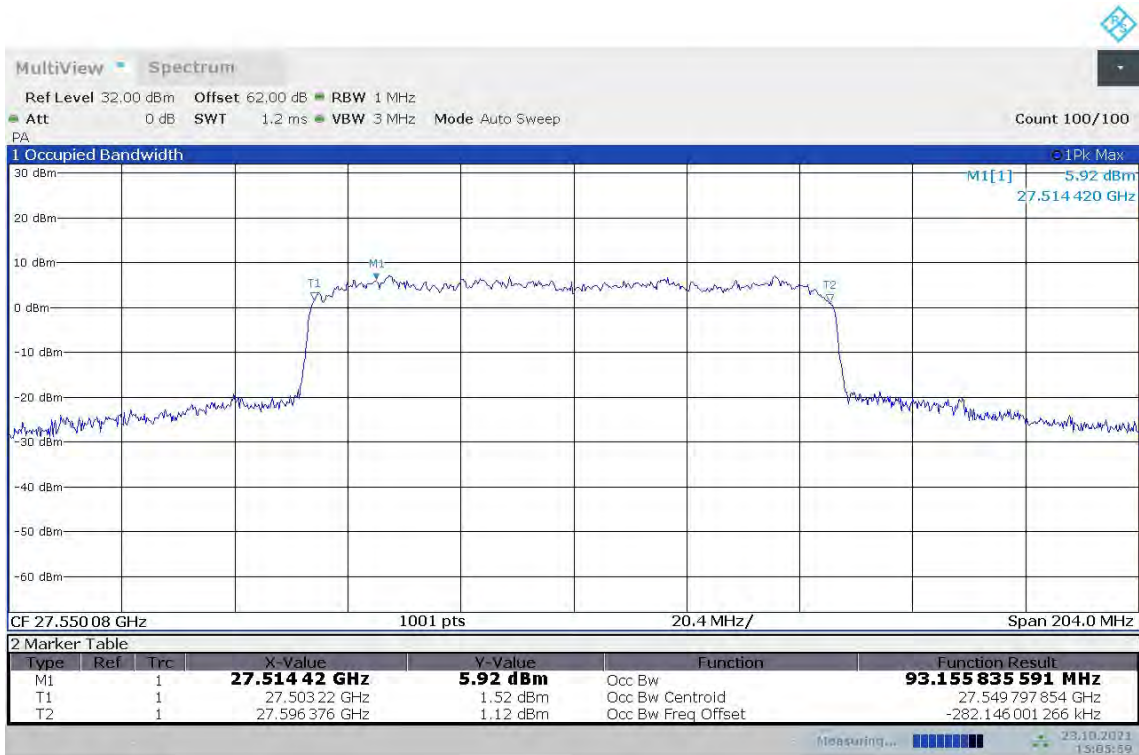
Note: The worst modulation is QPSK, and we test follow setups used QPSK.

n261, 100MHz (99%)

LOW CHANNEL

Module0, CP-OFDM			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
27550.08	QPSK	16QAM	64QAM
	93.16	/	/

n261, 100MHz Bandwidth, LOW CHANNEL, QPSK (99% BW)

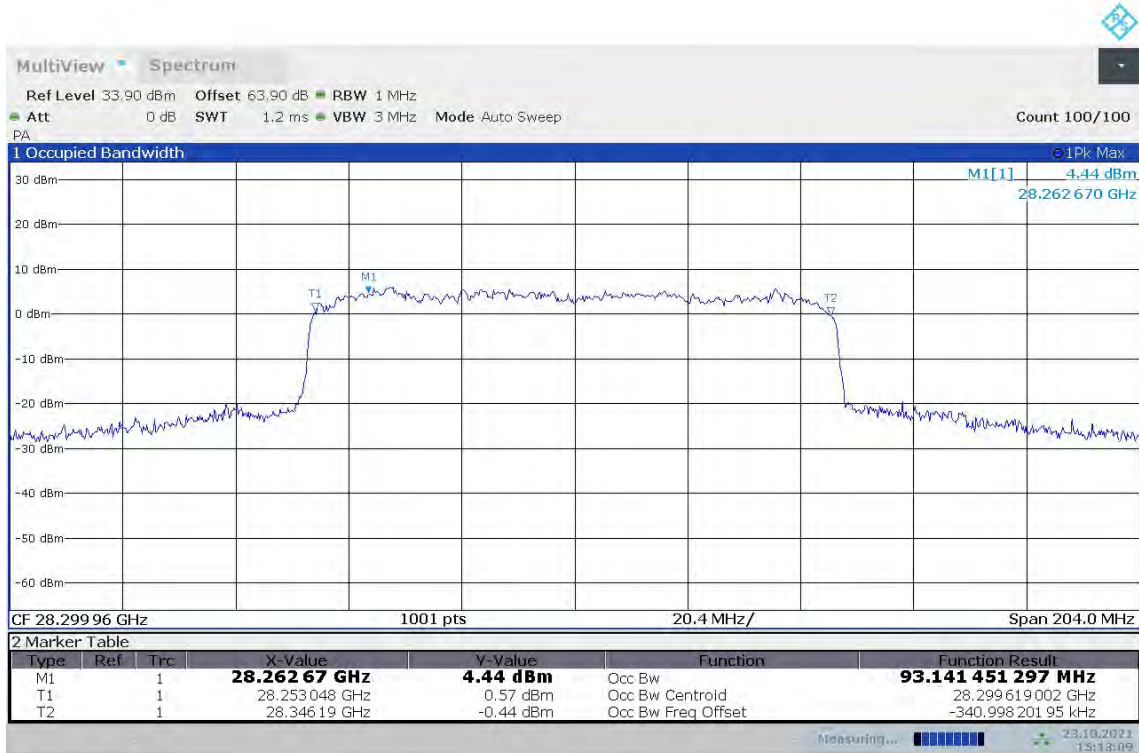


15:05:59 23.10.2021

**n261, 100MHz (99%)
HIGH CHANNEL**

Module0, CP-OFDM			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
28299.96	QPSK	16QAM	64QAM
	93.14	/	/

n261, 100MHz Bandwidth, HIGH CHANNEL, QPSK (99% BW)



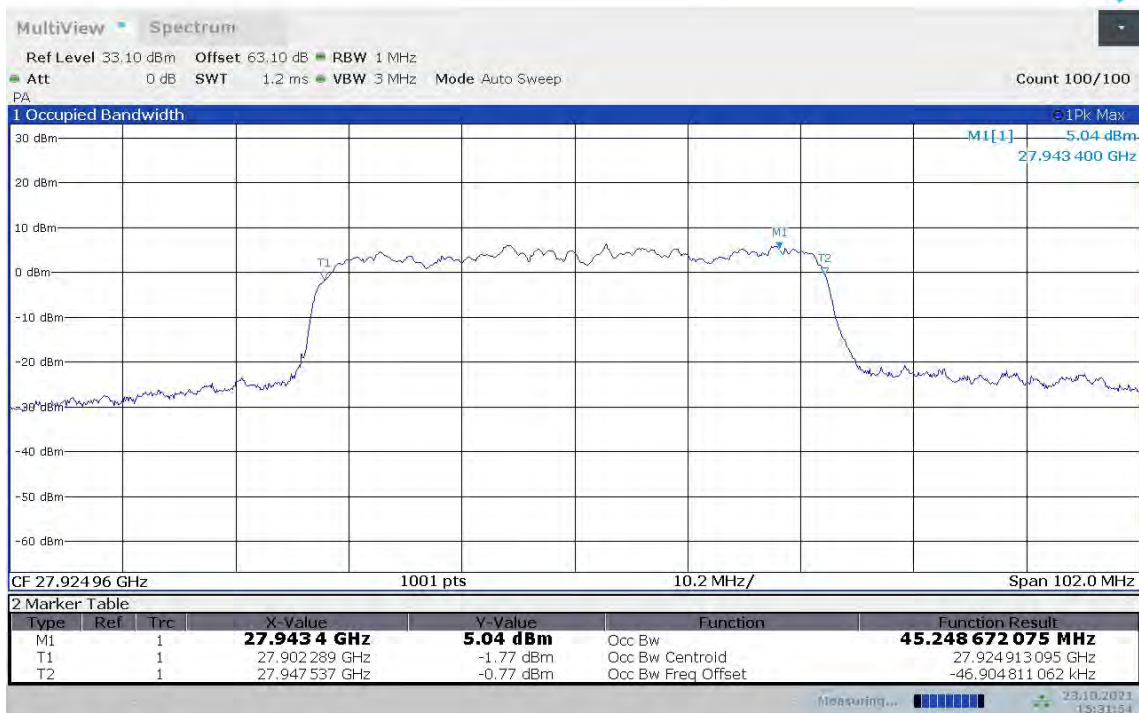
15:13:10 23.10.2021

n261, 50MHz (99%)

MID CHANNEL

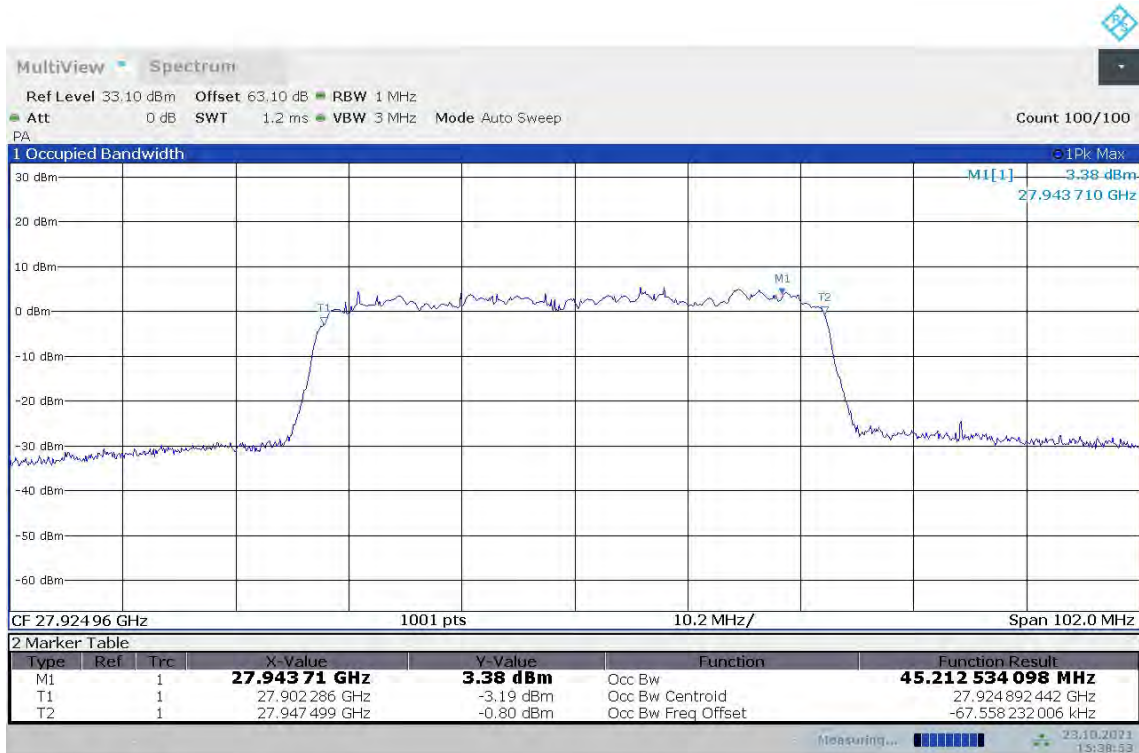
Module0, PUSCH DFT			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
27924.96	QPSK	16QAM	64QAM
	45.25	45.21	45.24

n261, 50MHz Bandwidth, MID CHANNEL,QPSK (99% BW)



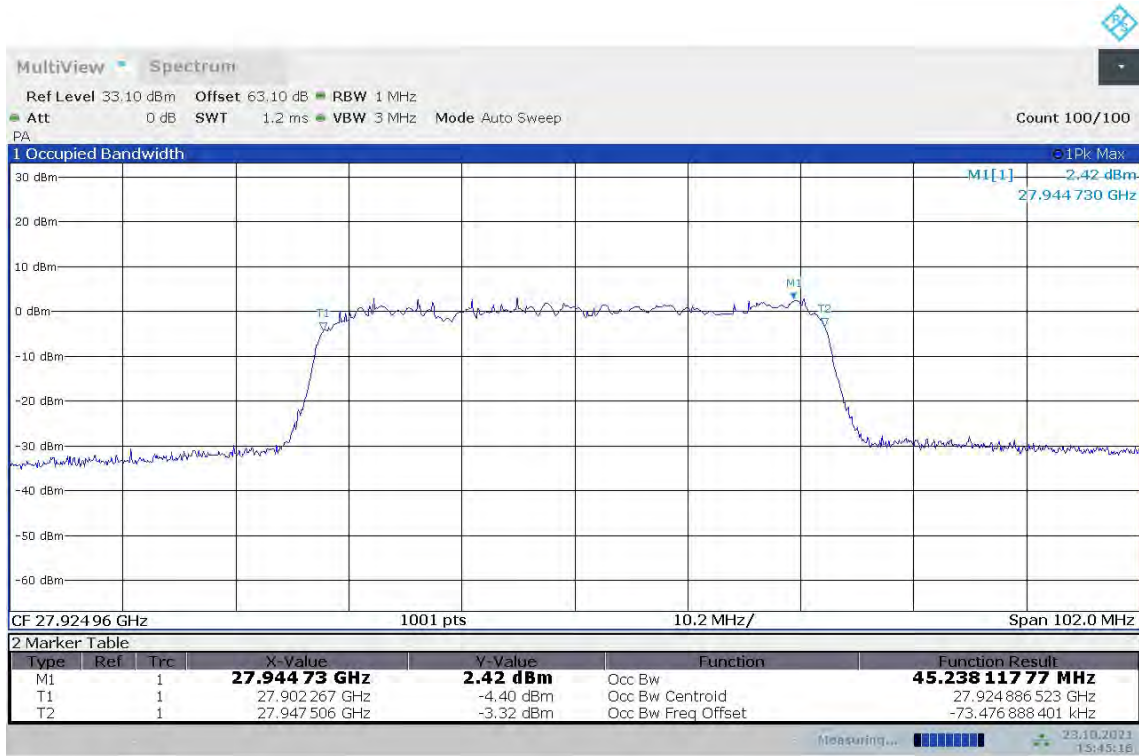
15:31:54 23.10.2021

n261, 50MHz Bandwidth, MID CHANNEL, 16QAM (99% BW)



15:38:53 23.10.2021

n261, 50MHz Bandwidth, MID CHANNEL, 64QAM (99% BW)



15:45:17 23.10.2021

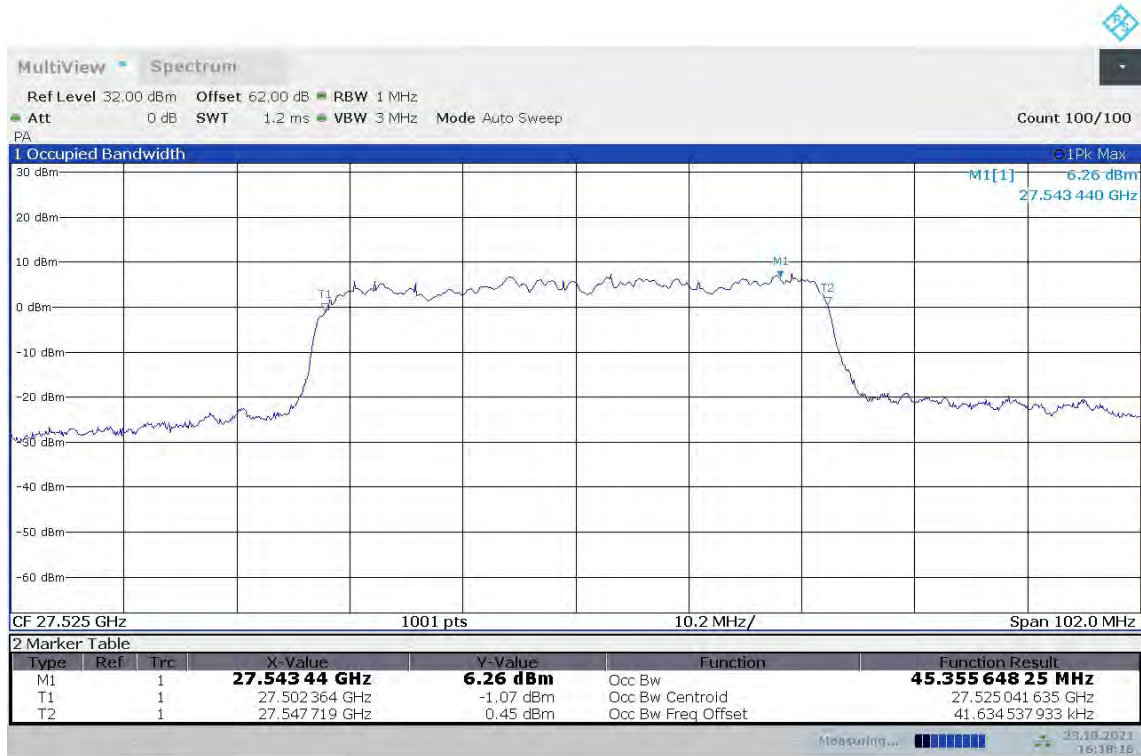
Note: The worst modulation is QPSK, and we test follow setups used QPSK.

n261, 50MHz (99%)

LOW CHANNEL

Module0, PUSCH DFT			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
27525	QPSK	16QAM	64QAM
	45.36	/	/

n261, 50MHz Bandwidth, LOW CHANNEL, QPSK (99% BW)

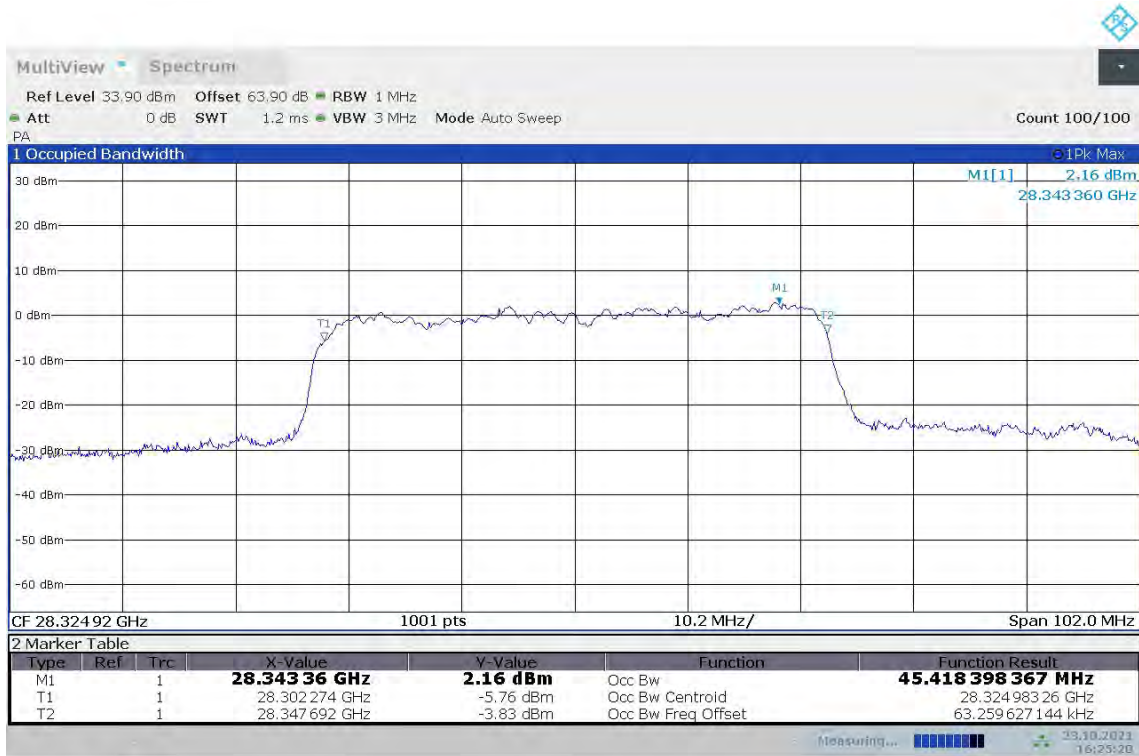


16:18:17 23.10.2021

**n261, 50MHz (99%)
HIGH CHANNEL**

Module0, PUSCH DFT			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
28324.92	QPSK	16QAM	64QAM
	45.42	/	/

n261, 50MHz Bandwidth, HIGH CHANNEL, QPSK (99% BW)



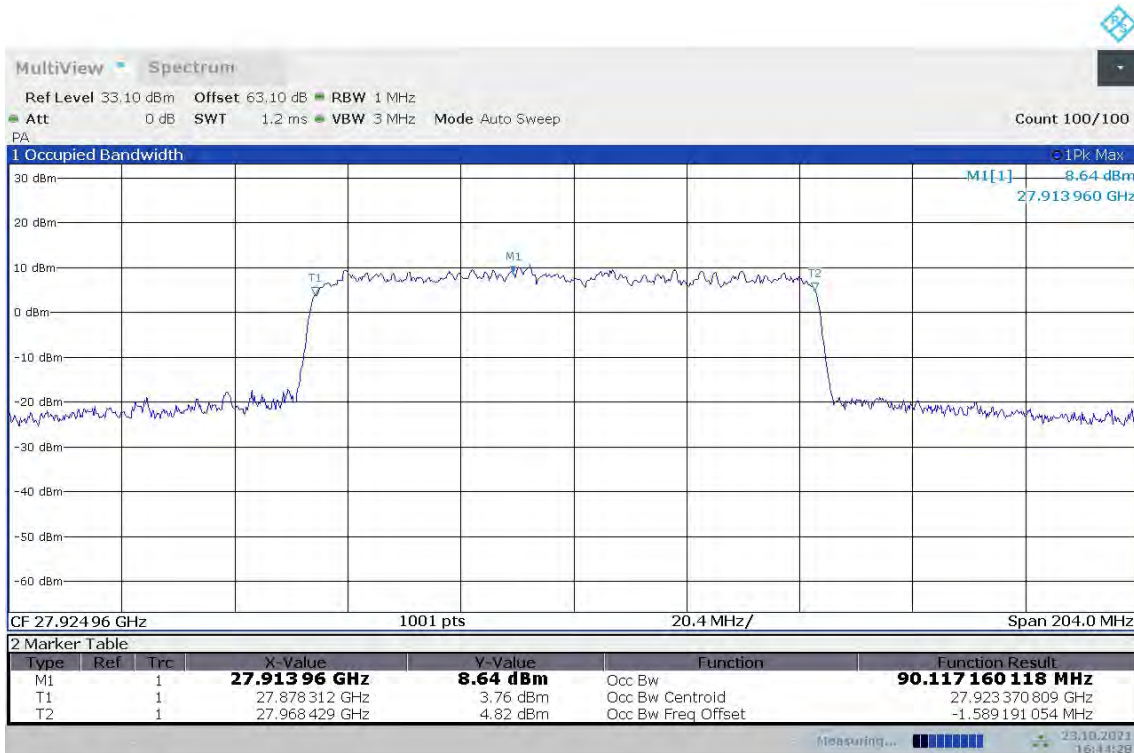
16:25:21 23.10.2021

n261, 100MHz (99%)

MID CHANNEL

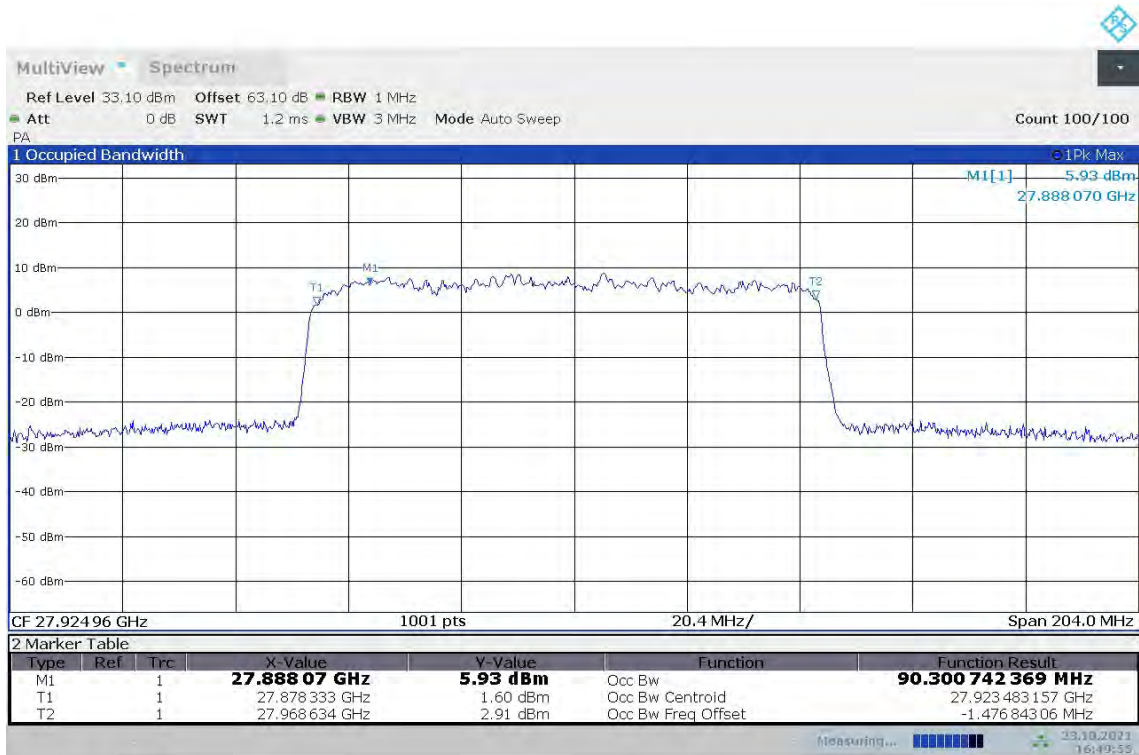
Module0, PUSCH DFT			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
27924.96	QPSK	16QAM	64QAM
	90.12	90.30	90.53

n261, 100MHz Bandwidth, MID CHANNEL, QPSK (99% BW)



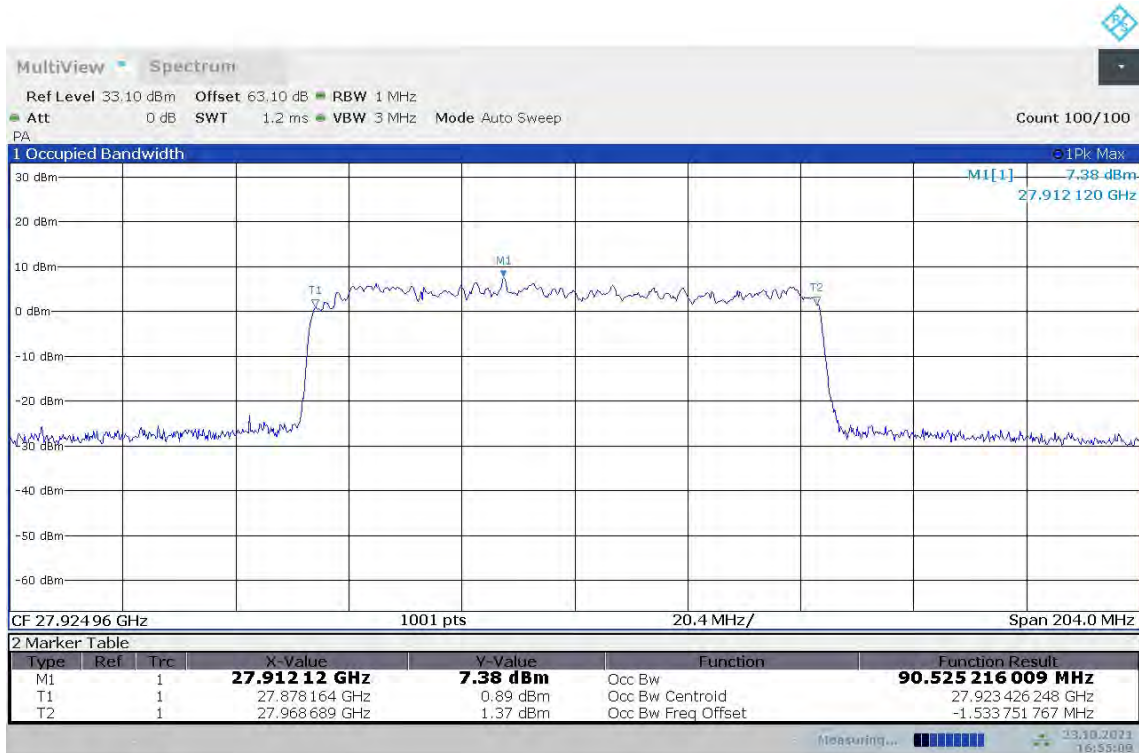
16:44:29 23.10.2021

n261, 100MHz Bandwidth, MID CHANNEL, 16QAM (99% BW)



16:49:56 23.10.2021

n261, 100MHz Bandwidth, MID CHANNEL, 64QAM (99% BW)



16:55:00 23.10.2021

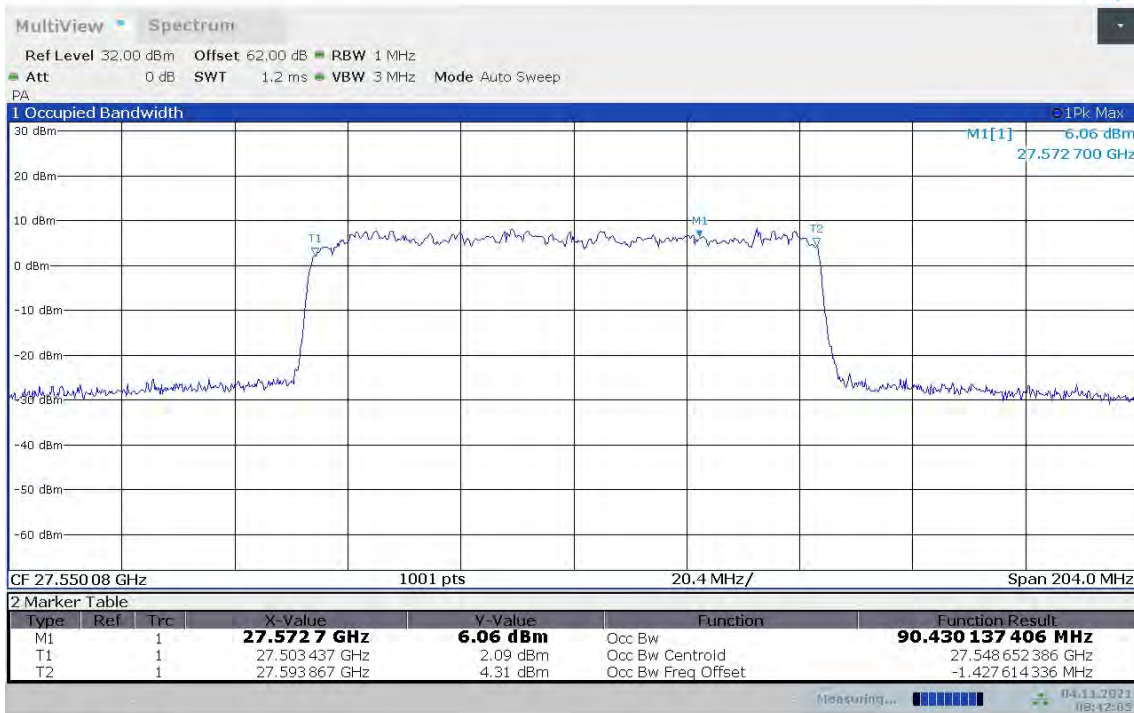
Note: The worst modulation is 64QAM, and we test follow setups used 64QAM.

n261, 100MHz (99%)

LOW CHANNEL

Module0, PUSCH DFT			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
27550.08	QPSK	16QAM	64QAM
	/	/	90.43

n261, 100MHz Bandwidth, LOW CHANNEL, QPSK (99% BW)

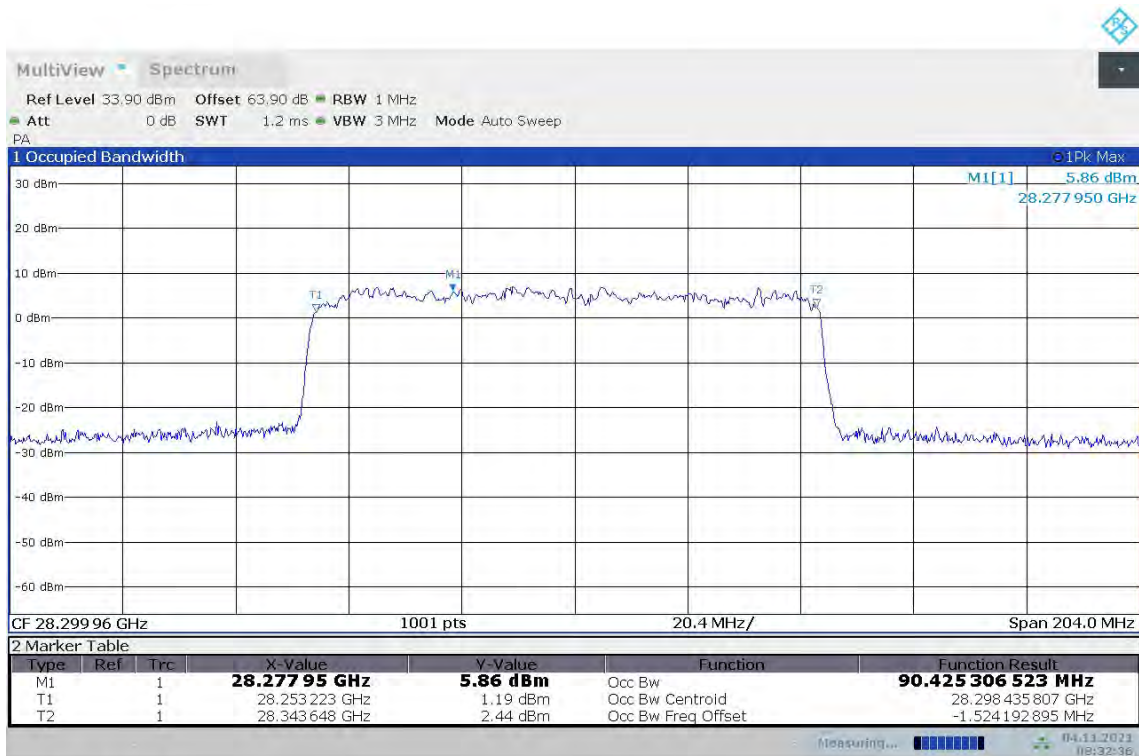


08:42:06 04.11.2021

**n261, 100MHz (99%)
HIGH CHANNEL**

Module0, PUSCH DFT			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
28299.96	QPSK	16QAM	64QAM
	/	/	90.42

n261, 100MHz Bandwidth, HIGH CHANNEL, QPSK (99% BW)



08:32:37 04.11.2021

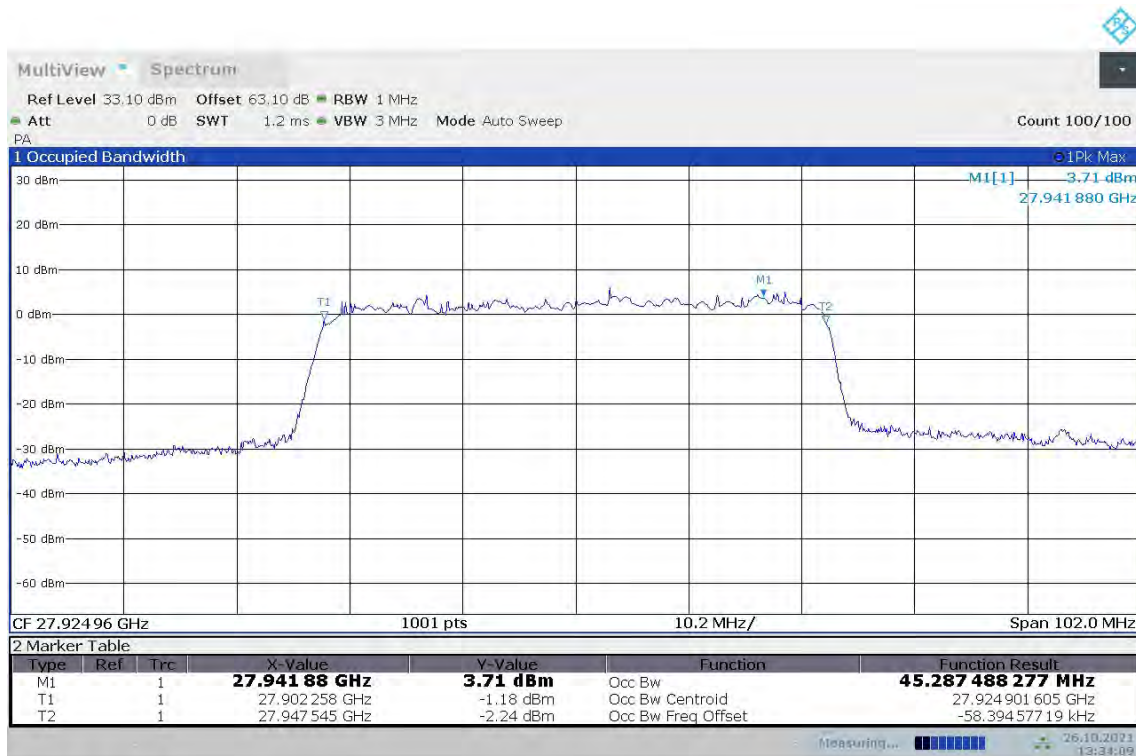
NOTE: Note: 50MHz the worst modulation is QPSK, and we test follow setups used QPSK.

n261, 50MHz (99%)

MID CHANNEL

Module1, PUSCH DFT			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
27924.96	QPSK	16QAM	64QAM
	45.29	/	/

n261, 50MHz Bandwidth, MID CHANNEL, QPSK (99% BW)

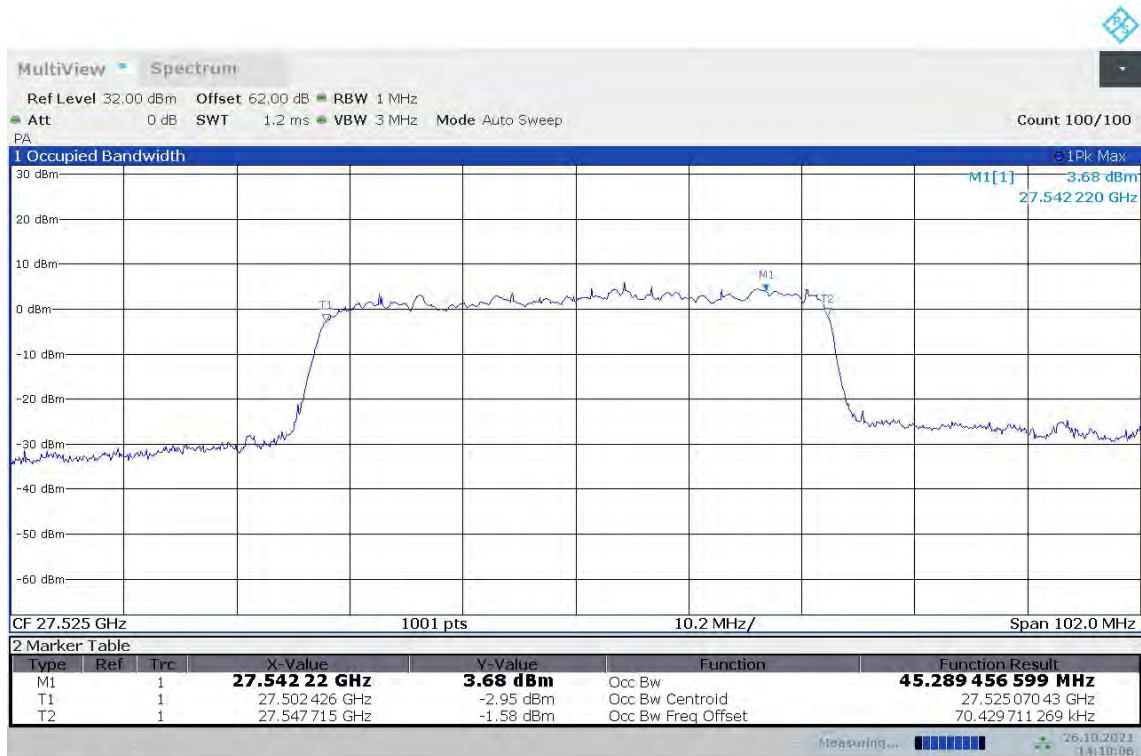


13:34:09 26.10.2021

LOW CHANNEL

Module1, PUSCH DFT			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
27525	QPSK	16QAM	64QAM
	45.29	/	/

n261, 50MHz Bandwidth, LOW CHANNEL, QPSK (99% BW)



14:10:07 26.10.2021

HIGH CHANNEL

Module1, PUSCH DFT			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
28324.92	QPSK	16QAM	64QAM
	45.47	/	/

n261, 50MHz Bandwidth, HIGH CHANNEL, QPSK (99% BW)



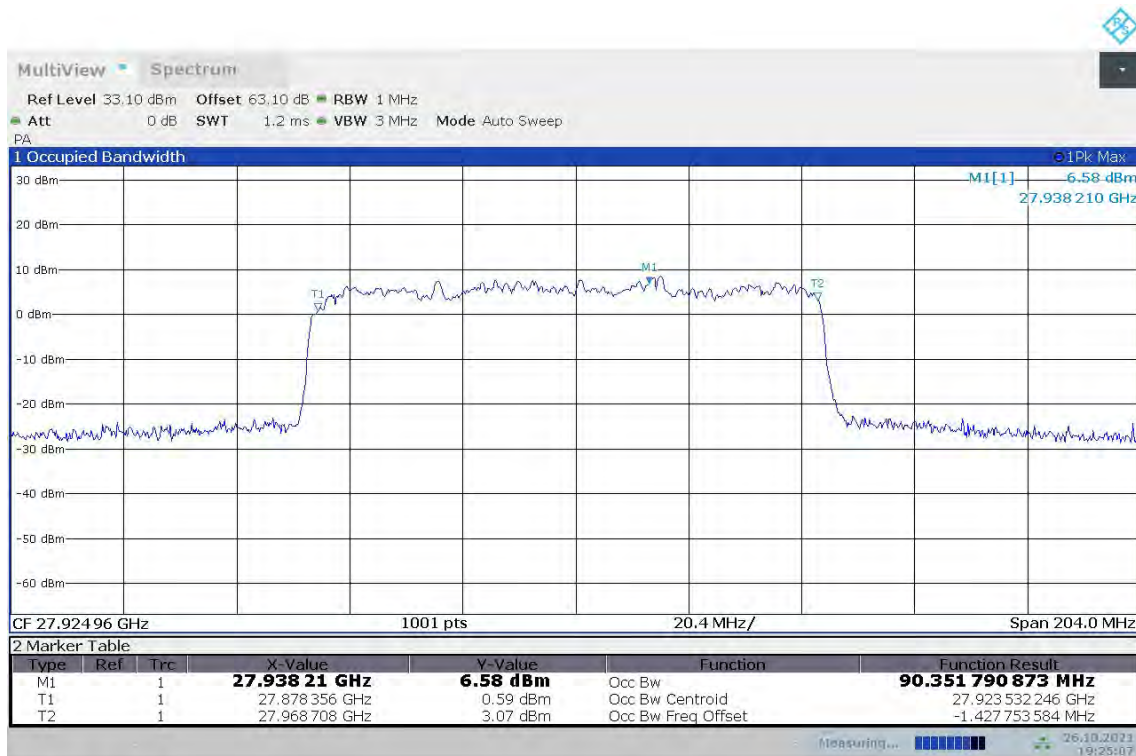
14:22:48 26.10.2021

NOTE: Note: 100MHz the worst modulation is 64QAM, and we test follow setups used 64QAM.
n261, 100MHz (99%)

MID CHANNEL

Module1, PUSCH DFT			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
27924.96	QPSK	16QAM	64QAM
	/	/	90.35

n261, 100MHz Bandwidth, MID CHANNEL, QPSK (99% BW)



19:25:07 26.10.2021

LOW CHANNEL

Module1, PUSCH DFT			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
27550.08	QPSK	16QAM	64QAM
	/	/	90.31

n261, 100MHz Bandwidth, LOW CHANNEL, QPSK (99% BW)

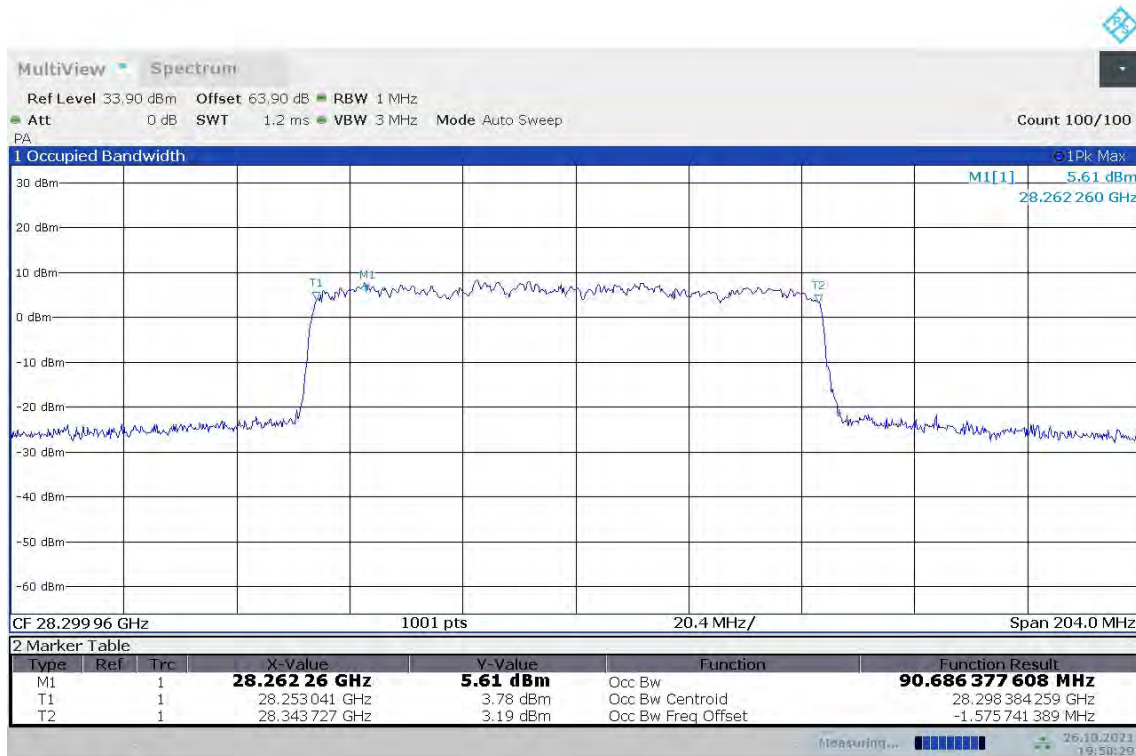


15:08:25 26.10.2021

HIGH CHANNEL

Module1, PUSCH DFT			
Frequency(MHz)	Occupied Bandwidth (99%) (MHz)		
28299.96	QPSK	16QAM	64QAM
	/	/	90.69

n261, 100MHz Bandwidth, HIGH CHANNEL, QPSK (99% BW)



19:50:29 26.10.2021



A.5 Band Edge Compliance

A.5.1 Measurement limit

Part 30.203 the total radiated power of any emission outside a licensee's frequency block shall be -13 dBm/MHz or lower. However, in the bands immediately outside and adjacent to the licensee's frequency block, having a bandwidth equal to 10 percent of the channel bandwidth, the conductive power or the total radiated power of any emission shall be -5 dBm/MHz or lower.

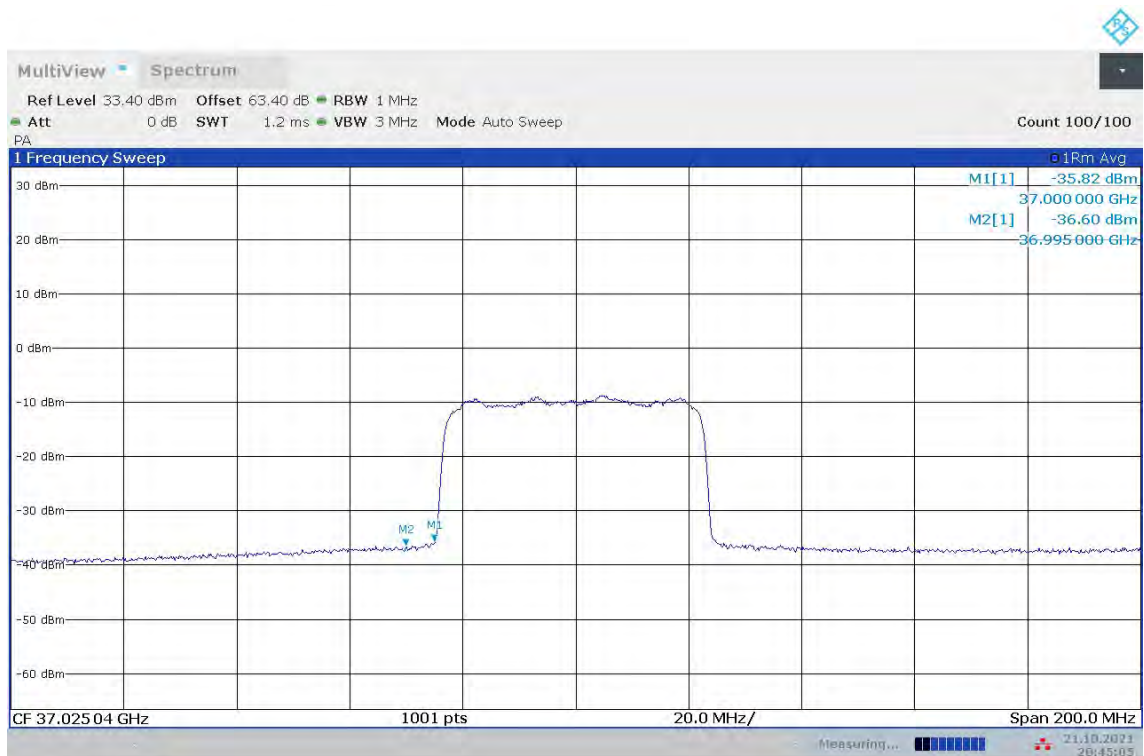
A.5.2 Measurement result

Only the worst case result is given below

n260

LOW BAND EDGE BLOCK-50MHz-100%RB

Module0, CP-OFDM							
	BANDWIDTH	FREQUENCY (MHz)	CHANNEL	SCS	MODULATION	Peak (dBm)	Limit (dBm)
n260	50MHz	37025.04	LOW	120kHz	64QAM	-35.82	-5
n260	50MHz	37025.04	LOW	120kHz		-36.60	-13



20:45:05 21.10.2021

HIGH BAND EDGE BLOCK-50MHz-100%RB

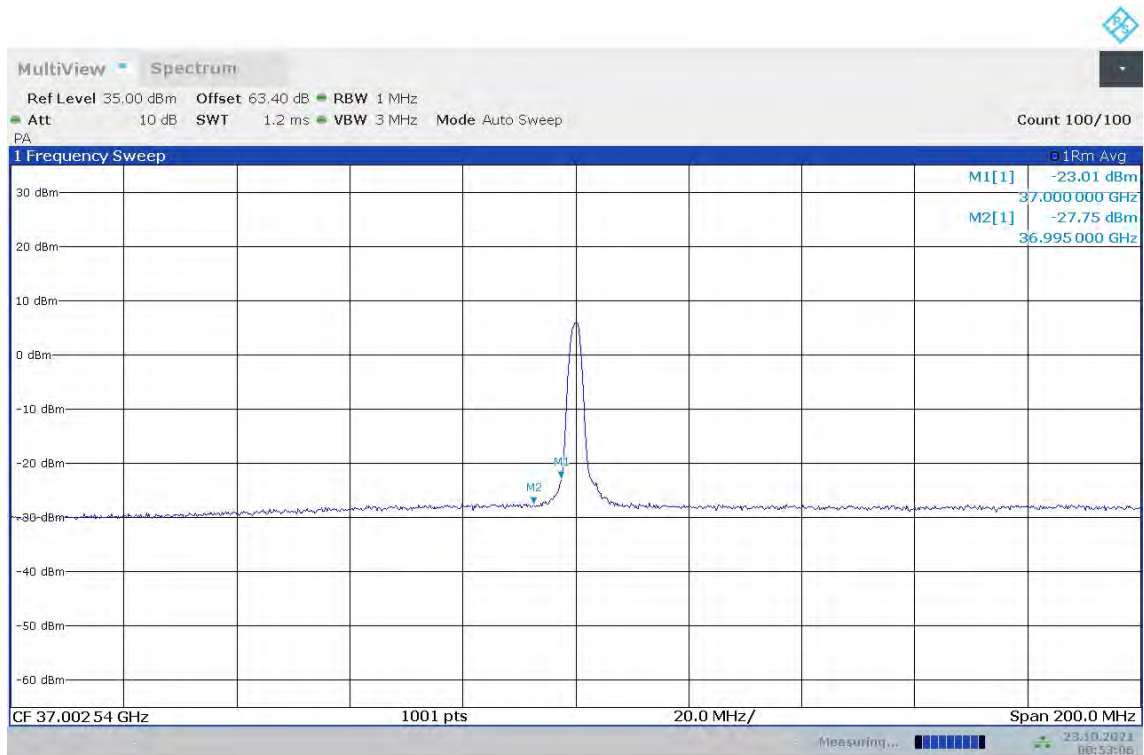
Module0, CP-OFDM							
	BANDWIDTH	FREQUENCY (MHz)	CHANNEL	SCS	MODULATION	Peak (dBm)	Limit (dBm)
n260	50MHz	39975	HIGH	120kHz	64QAM	-31.71	-5
n260	50MHz	39975	HIGH	120kHz		-32.21	-13



20:59:54 21.10.2021

LOW BAND EDGE BLOCK-50MHz-1RB

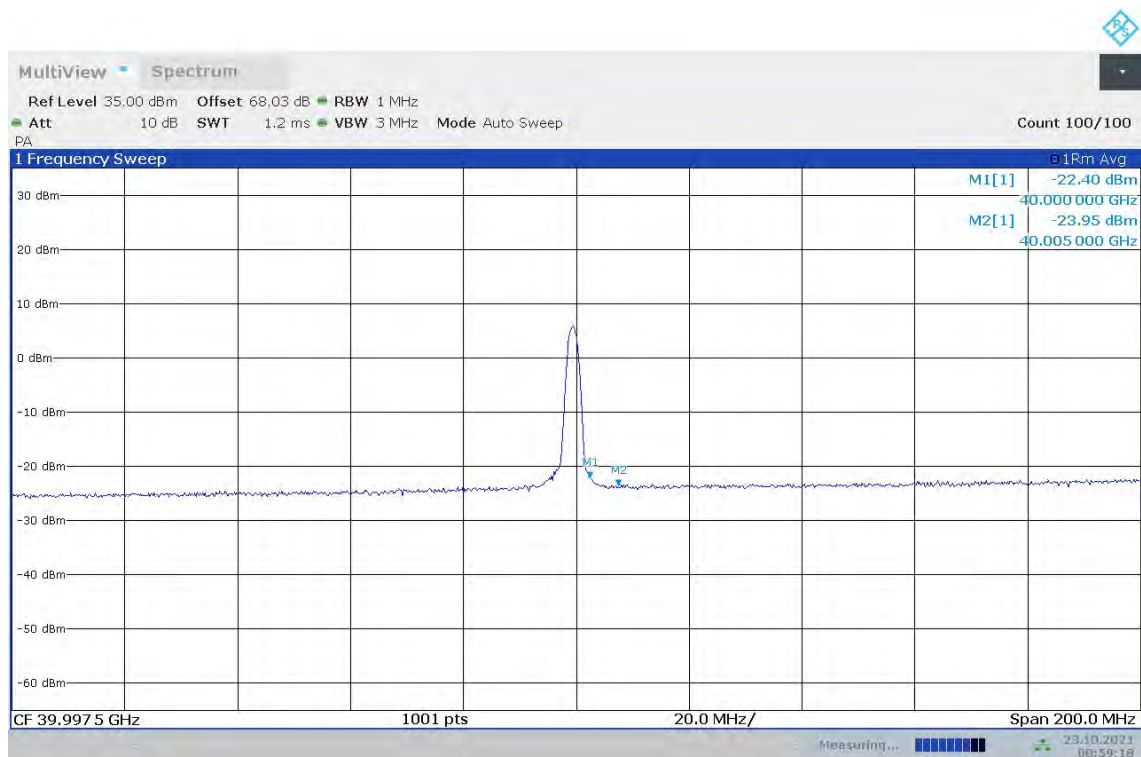
Module0, CP-OFDM							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dBm)
n260	50MHz	37025.04	LOW	120kHz	QPSK	-23.01	-5
n260	50MHz	37025.04	LOW	120kHz		-27.75	-13



00:53:06 23.10.2021

HIGH BAND EDGE BLOCK-50MHz-1RB

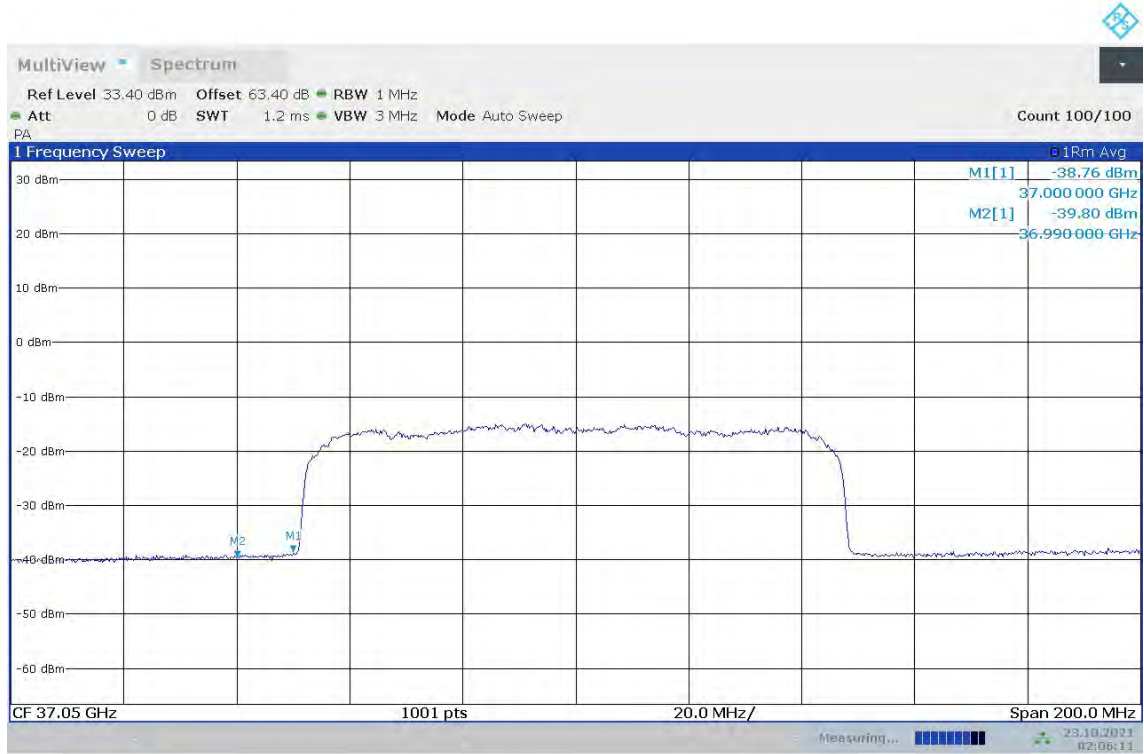
Module0, CP-OFDM							
	BANDWIDTH	FREQUENCY (MHz)	CHANNEL	SCS	MODULATION	Peak (dBm)	Limit (dBm)
n260	50MHz	39975	HIGH	120kHz	QPSK	-22.40	-5
n260	50MHz	39975	HIGH	120kHz		-23.95	-13



00:59:19 23.10.2021

LOW BAND EDGE BLOCK-100MHz-100%RB

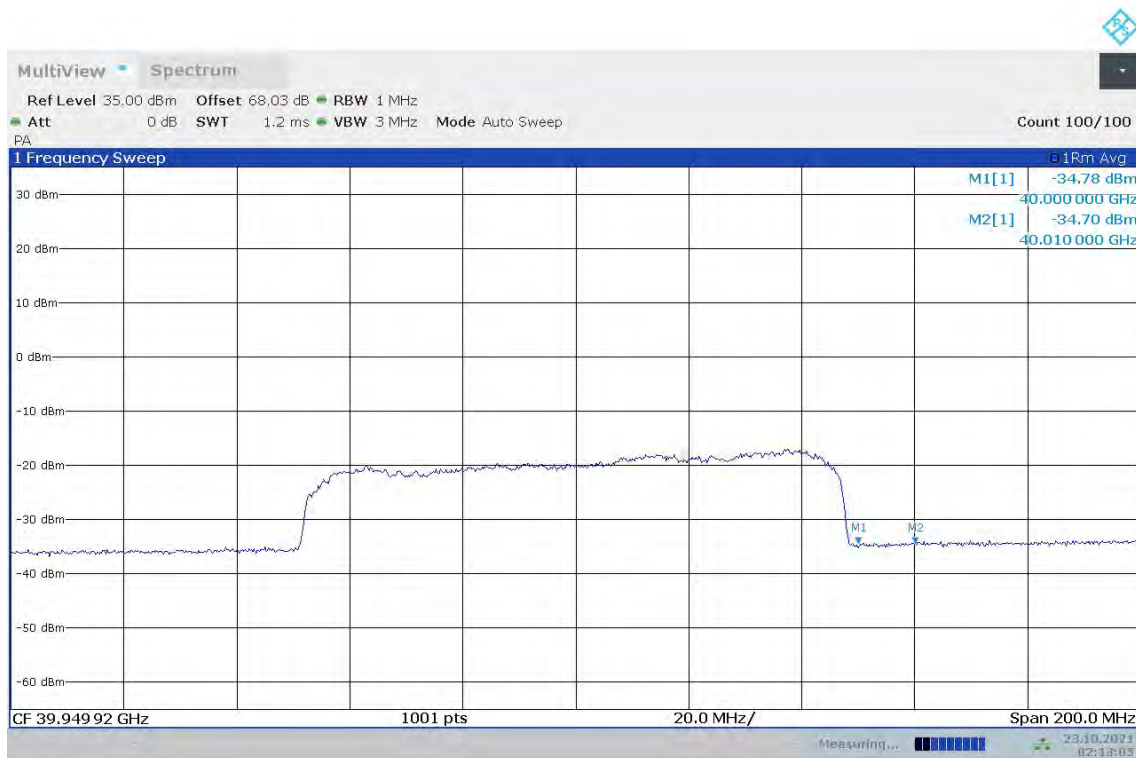
Module0, CP-OFDM							
	BANDWIDTH	FREQUENCY (MHz)	CHANNEL	SCS	MODULATION	Peak (dBm)	Limit (dBm)
n260	100MHz	37050	LOW	120kHz	64QAM	-38.76	-5
n260	100MHz	37050	LOW	120kHz		-39.80	-13



02:06:12 23.10.2021

HIGH BAND EDGE BLOCK-100MHz-100%RB

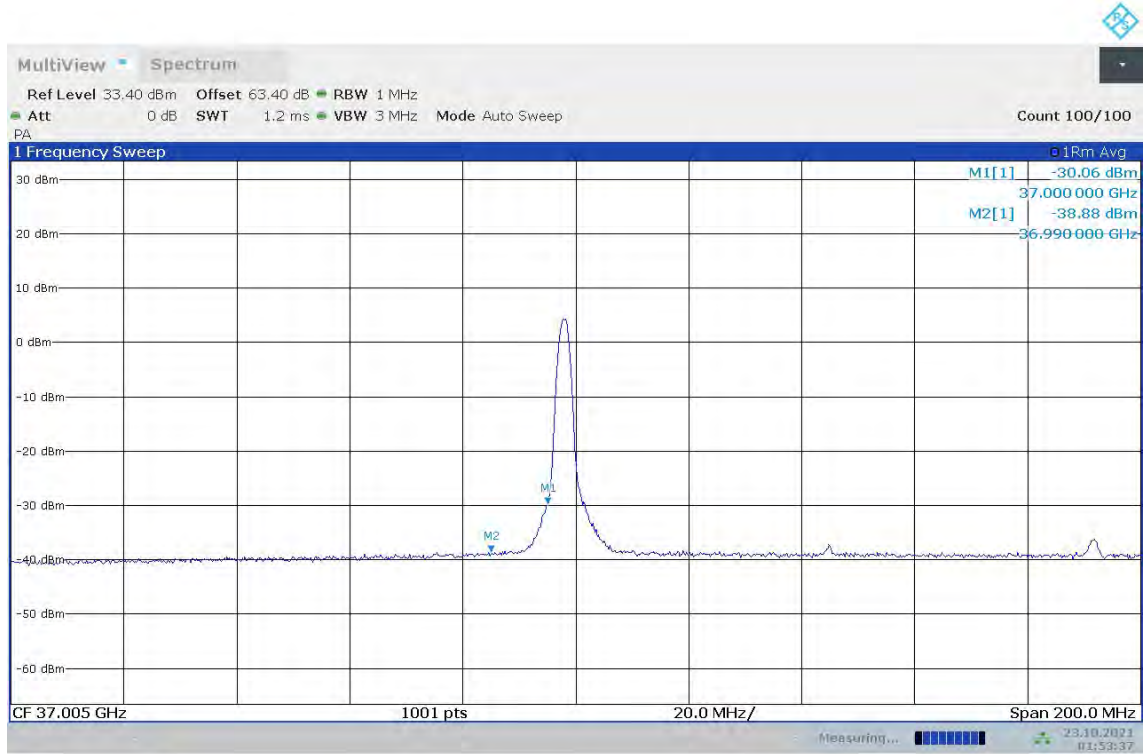
Module0, CP-OFDM							
	BANDWIDTH	FREQUENCY (MHz)	CHANNEL	SCS	MODULATION	Peak (dBm)	Limit (dBm)
n260	100MHz	39949.92	HIGH	120kHz	64QAM	-34.78	-5
n260	100MHz	39949.92	HIGH	120kHz		-34.70	-13



02:13:06 23.10.2021

LOW BAND EDGE BLOCK-100MHz-1RB

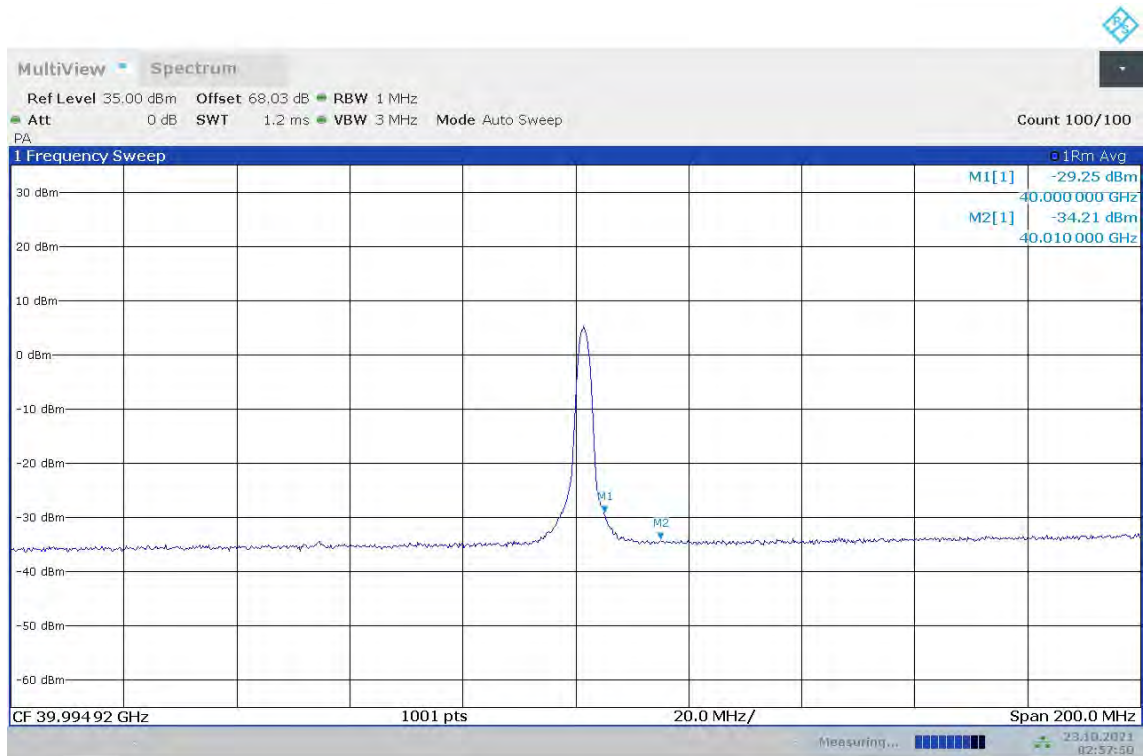
Module0, CP-OFDM							
	BANDWIDTH	FREQUENCY (MHz)	CHANNEL	SCS	MODULATION	Peak (dBm)	Limit (dBm)
n260	100MHz	37050	LOW	120kHz	QPSK	-30.06	-5
n260	100MHz	37050	LOW	120kHz		-38.88	-13



01:53:38 23.10.2021

HIGH BAND EDGE BLOCK-100MHz-1RB

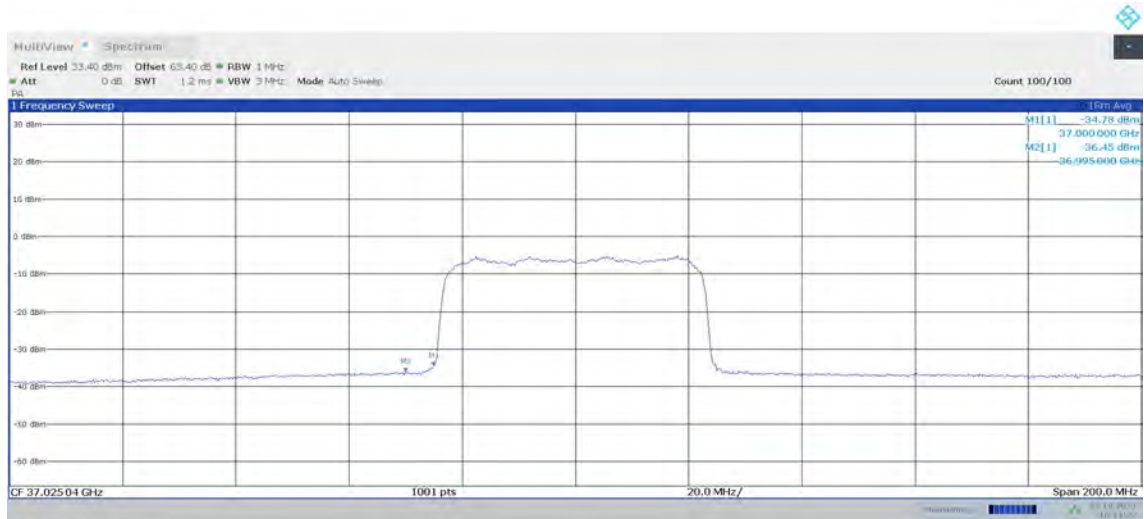
Module0, CP-OFDM							
	BANDWIDTH	FREQUENCY (MHz)	CHANNEL	SCS	MODULATION	Peak (dBm)	Limit (dBm)
n260	100MHz	39949.92	HIGH	120kHz	QPSK	-29.35	-5
n260	100MHz	39949.92	HIGH	120kHz		-34.21	-13



02:57:51 23.10.2021

LOW BAND EDGE BLOCK-50MHz-100%RB

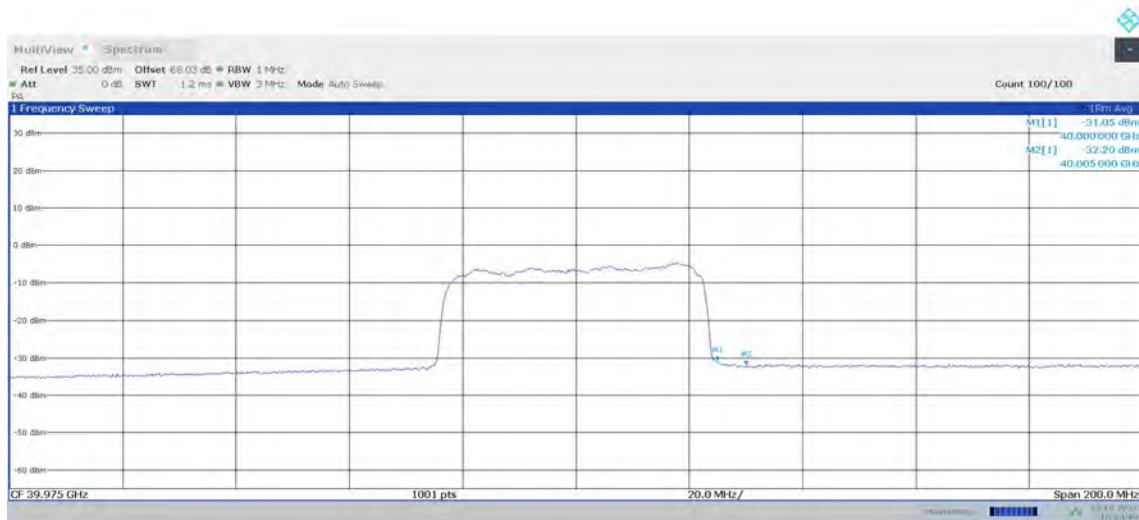
Module0, PUSCH DFT							
	BANDWIDTH	FREQUENCY (MHz)	CHANNEL	SCS	MODULATION	Peak (dBm)	Limit (dBm)
n260	50MHz	37025.04	LOW	120kHz	64QAM	-34.78	-5
n260	50MHz	37025.04	LOW	120kHz		-36.45	-13



18:11:27 25.10.2021

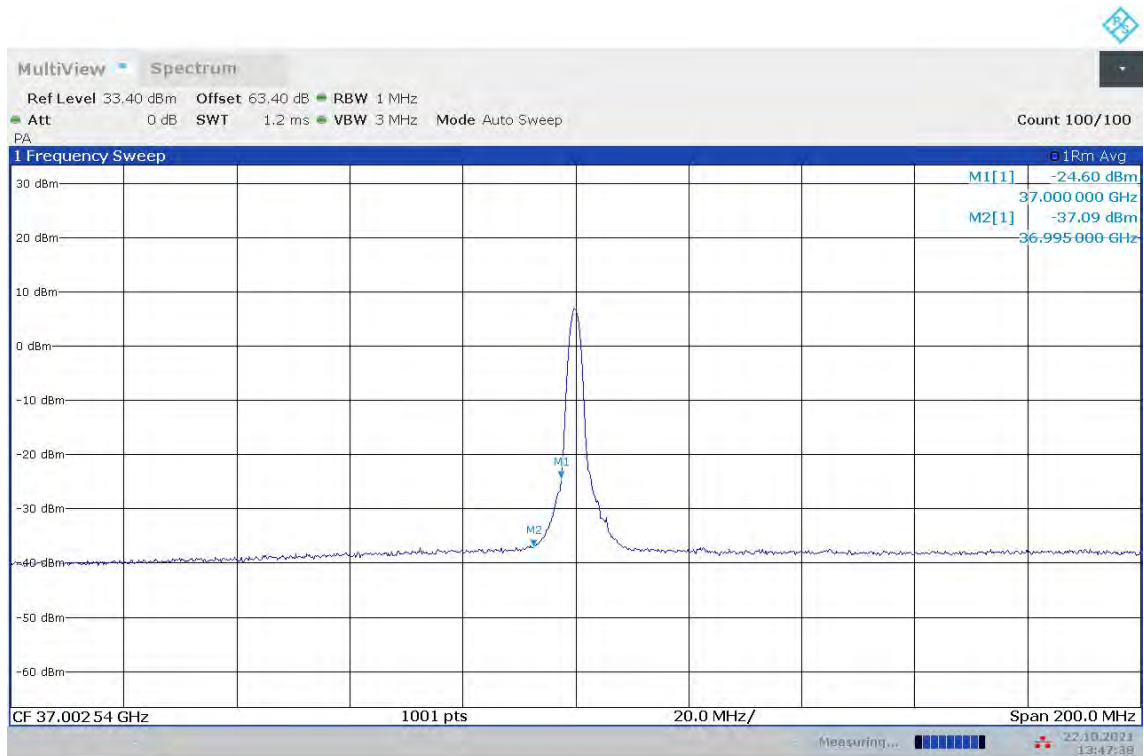
HIGH BAND EDGE BLOCK-50MHz-100%RB

Module0, PUSCH DFT							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dBm)
n260	50MHz	39975	HIGH	120kHz	64QAM	-31.05	-5
n260	50MHz	39975	HIGH	120kHz		-32.20	-13



LOW BAND EDGE BLOCK-50MHz-1RB

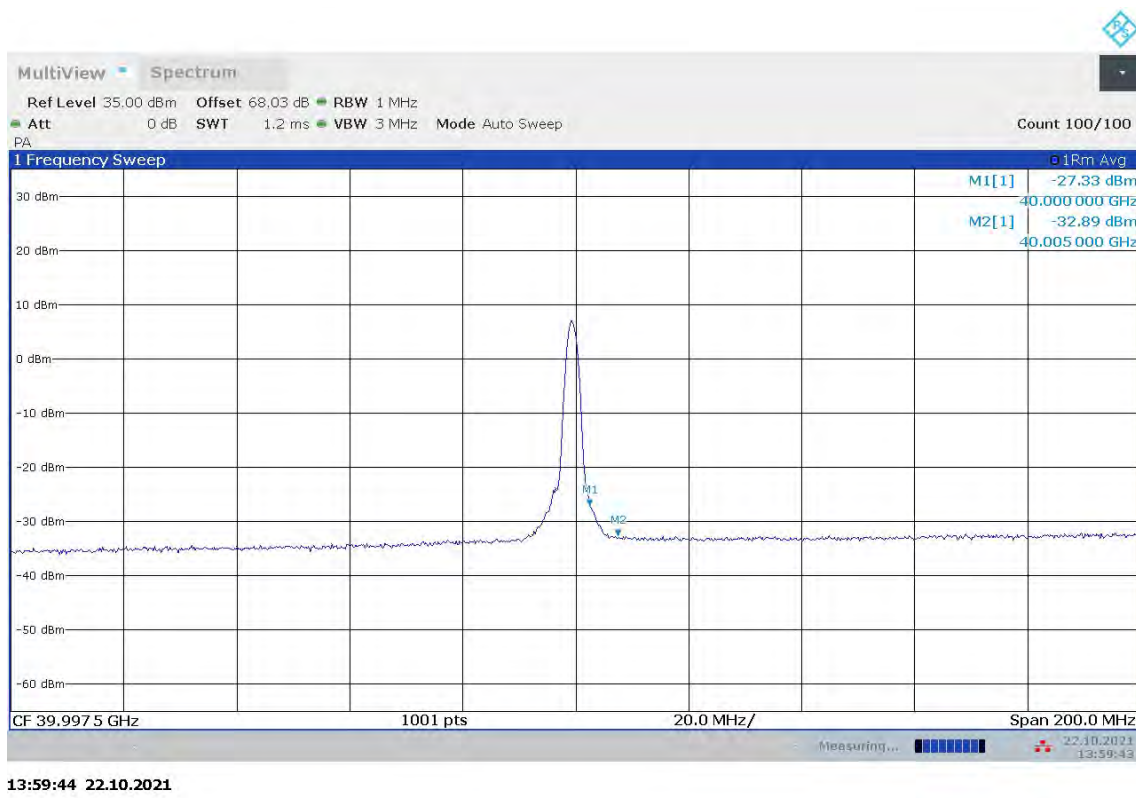
Module0, PUSCH DFT							
	BANDWIDTH	FREQUENCY (MHz)	CHANNEL	SCS	MODULATION	Peak (dBm)	Limit (dBm)
n260	50MHz	37025.04	LOW	120kHz	QPSK	-24.60	-5
n260	50MHz	37025.04	LOW	120kHz		-37.09	-13



13:47:39 22.10.2021

HIGH BAND EDGE BLOCK-50MHz-1RB

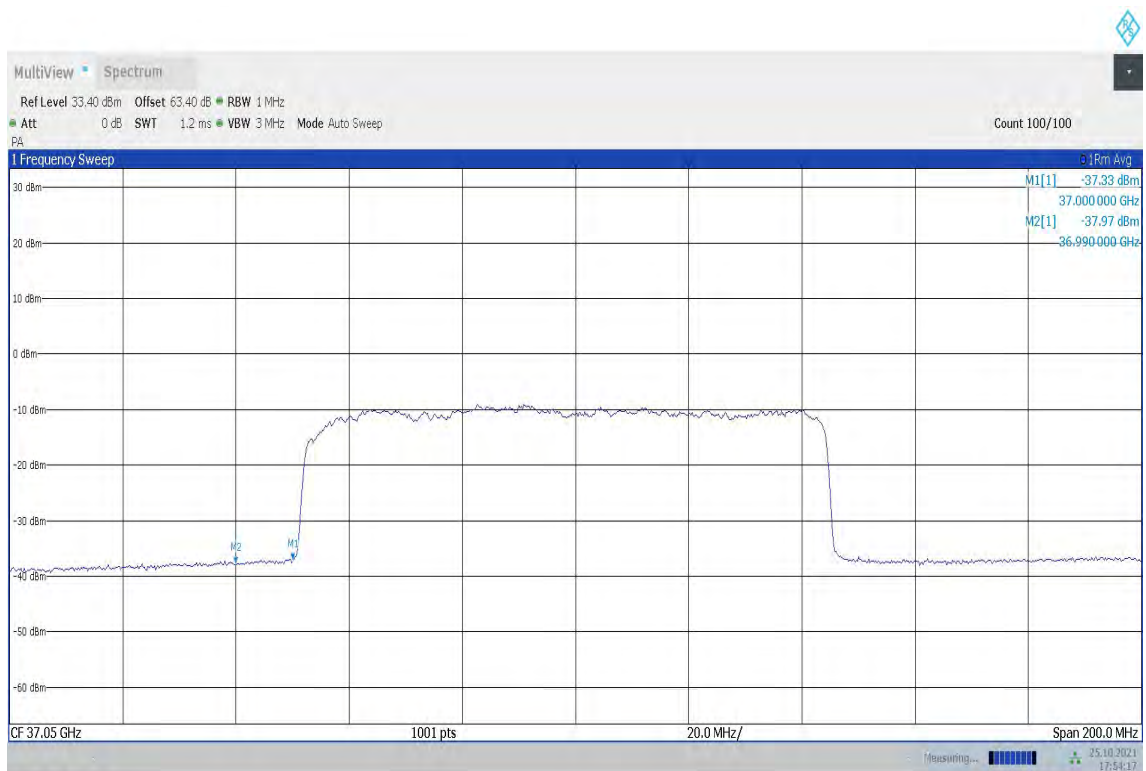
Module0, PUSCH DFT							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dBm)
n260	50MHz	39975	HIGH	120kHz	QPSK	-27.33	-5
n260	50MHz	39975	HIGH	120kHz		-32.89	-13



13:59:44 22.10.2021

LOW BAND EDGE BLOCK-100MHz-100%RB

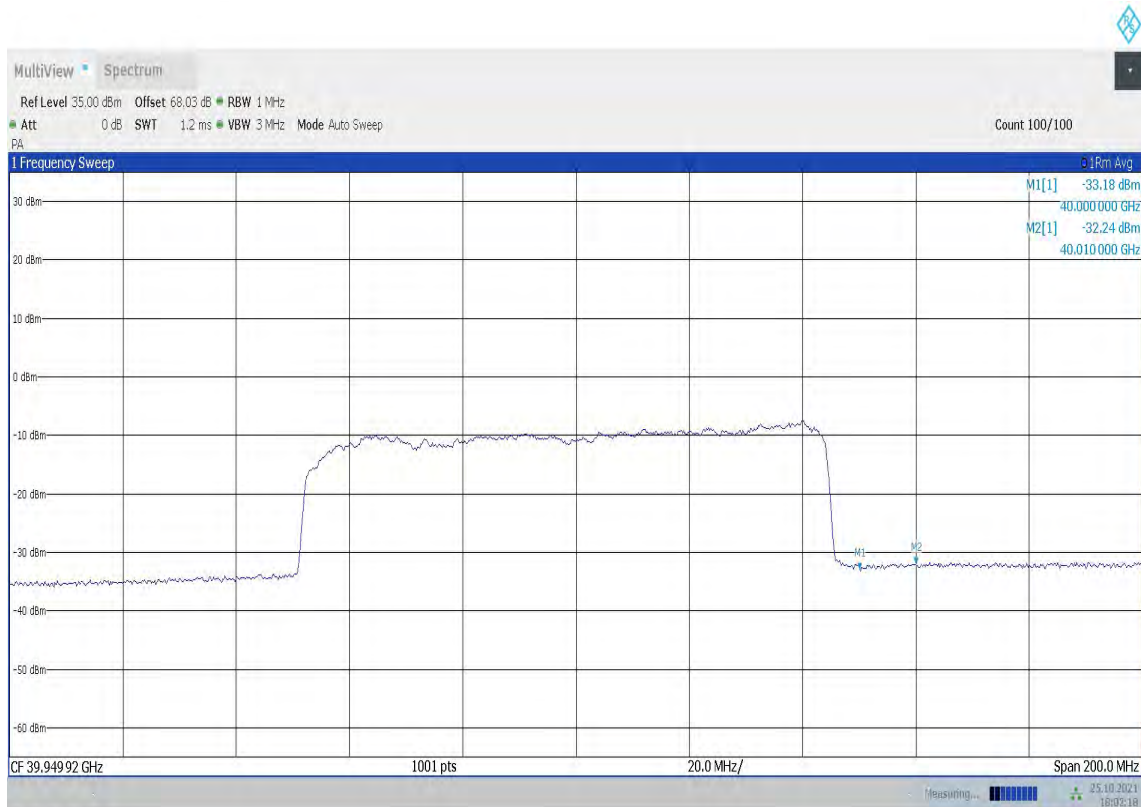
Module0, PUSCH DFT							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dBm)
n260	100MHz	37050	LOW	120kHz	64QAM	-37.33	-5
n260	100MHz	37050	LOW	120kHz		-37.97	-13



17:54:17 25.10.2021

HIGH BAND EDGE BLOCK-100MHz-100%RB

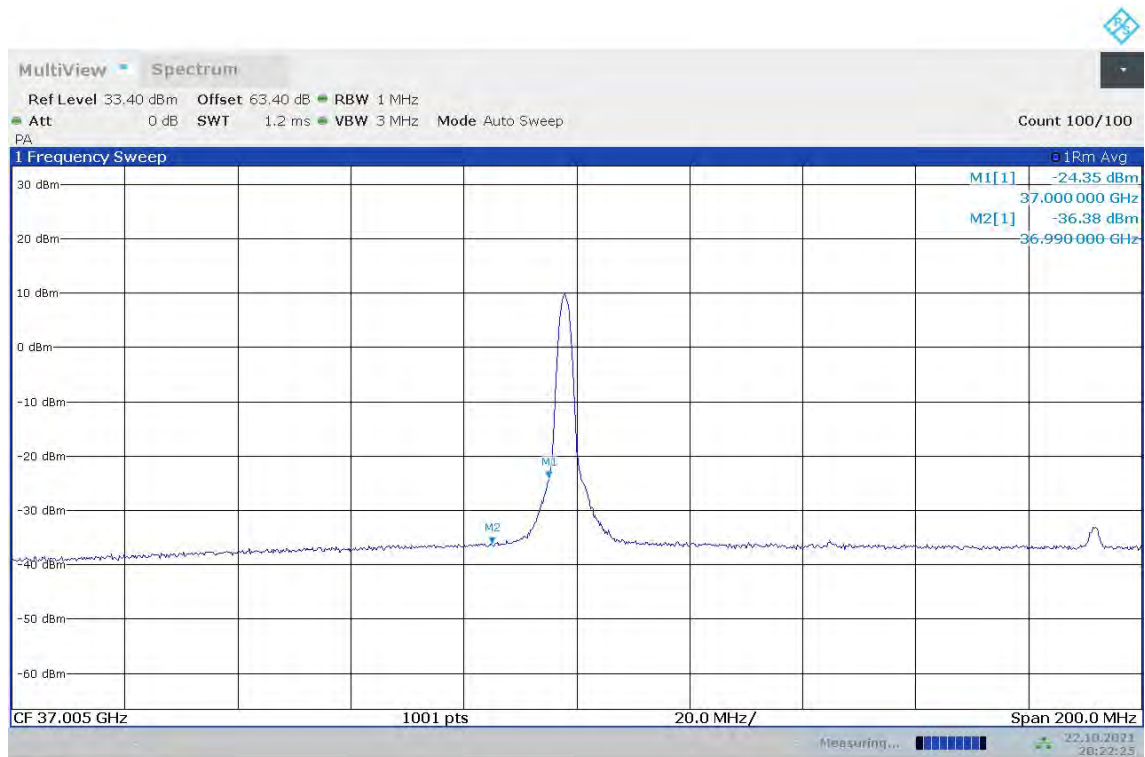
Module0, PUSCH DFT							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dBm)
n260	100MHz	39949.92	HIGH	120kHz	64QAM	-33.18	-5
n260	100MHz	39949.92	HIGH	120kHz		-32.74	-13



18:02:19 25.10.2021

LOW BAND EDGE BLOCK-100MHz-1RB

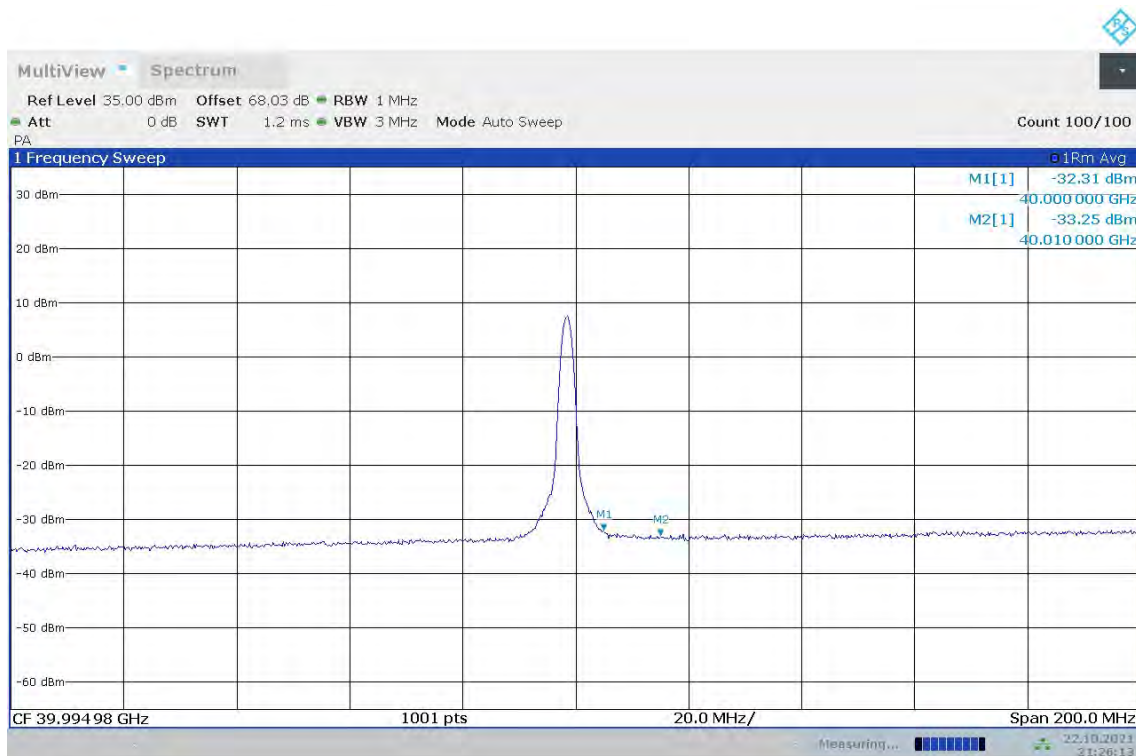
Module0, PUSCH DFT							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dB m)
n260	100MHz	37050	LOW	120kHz	QPSK	-24.35	-5
n260	100MHz	37050	LOW	120kHz		-36.38	-13



20:22:26 22.10.2021

HIGH BAND EDGE BLOCK-100MHz-1RB

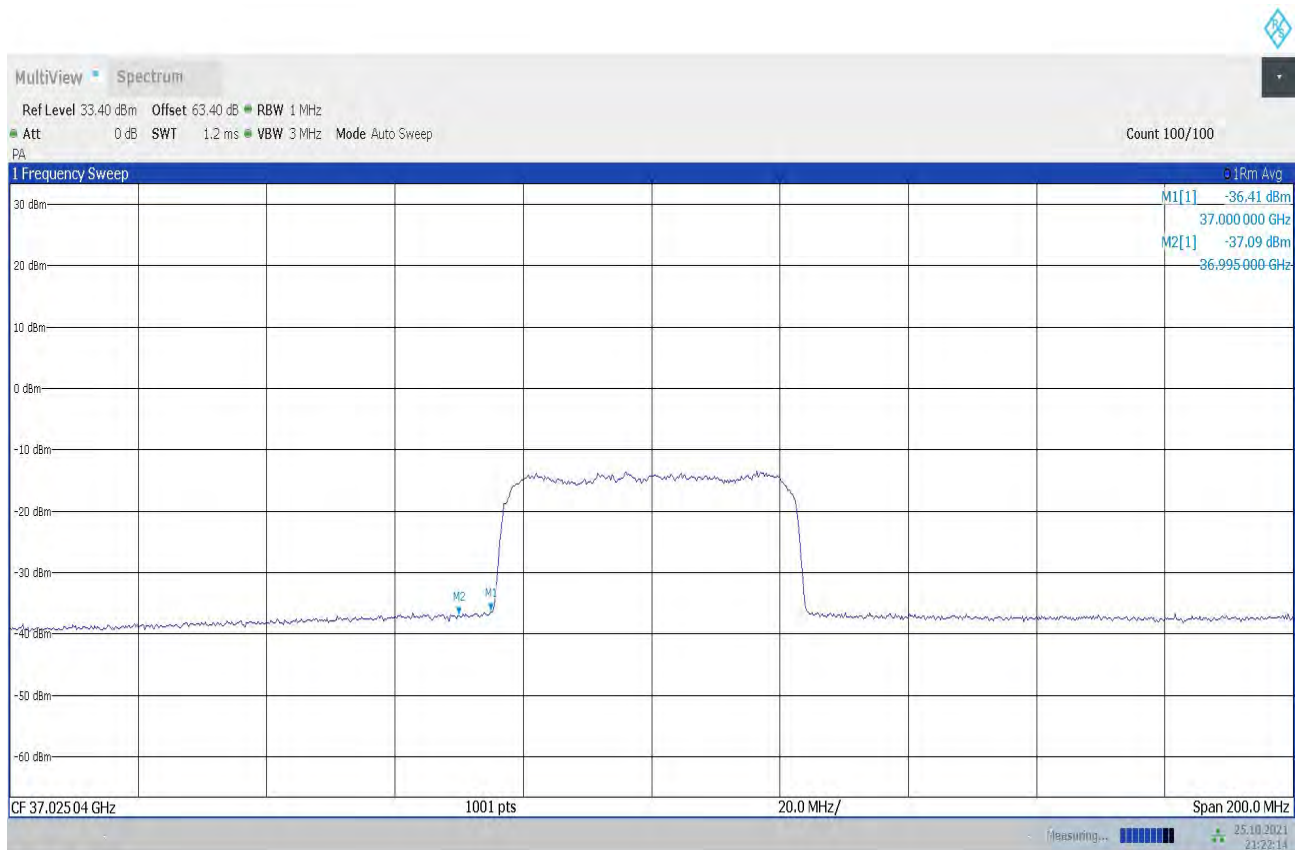
Module0, PUSCH DFT							
	BANDWIDTH	FREQUENCY (MHz)	CHANNEL	SCS	MODULATION	Peak (dBm)	Limit (dBm)
n260	100MHz	39949.92	HIGH	120kHz	QPSK	-32.31	-5
n260	100MHz	39949.92	HIGH	120kHz		-33.25	-13



21:26:13 22.10.2021

LOW BAND EDGE BLOCK-50MHz-100%RB

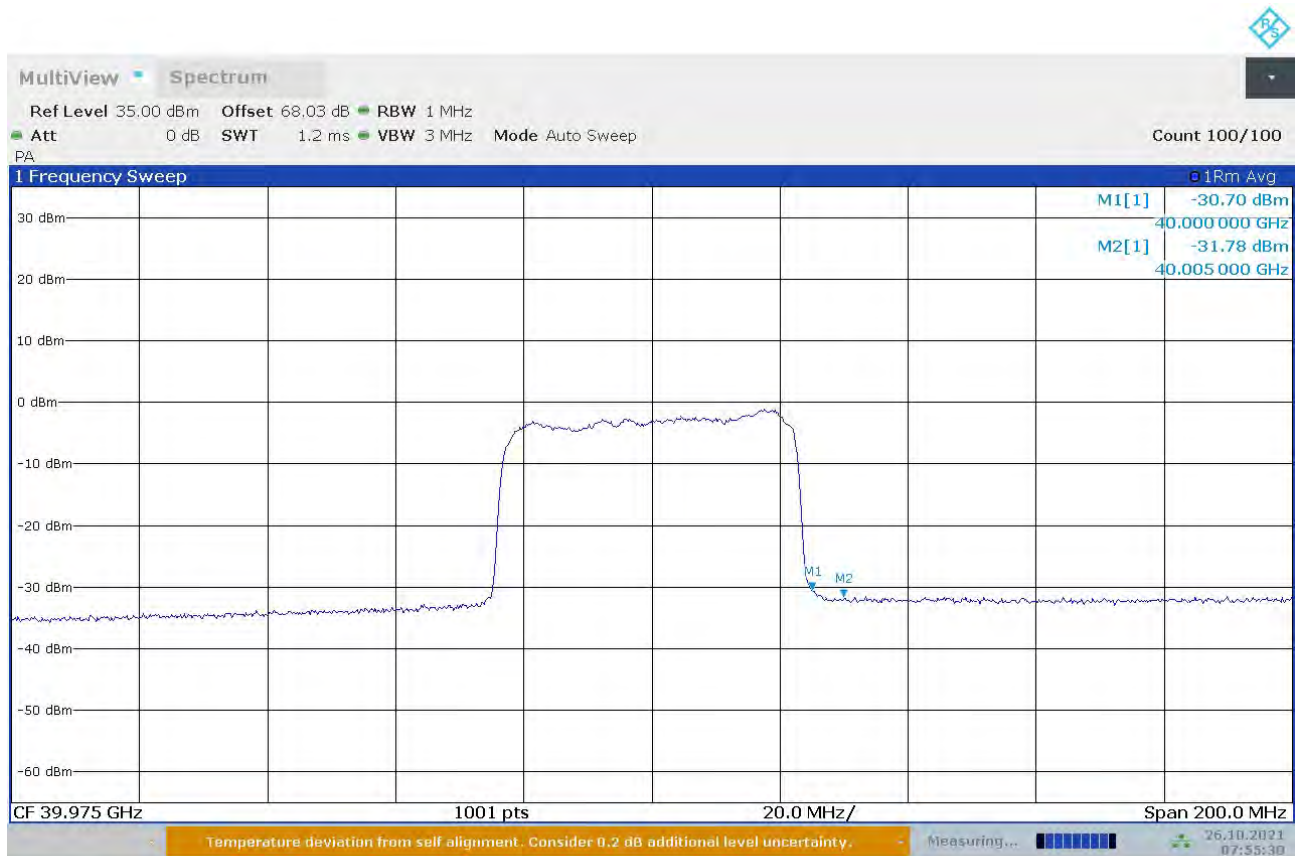
Module1, PUSCH DFT							
	BANDWIDTH	FREQUENCY (MHz)	CHANNEL	SCS	MODULATION	Peak (dBm)	Limit (dBm)
n260	50MHz	37025.04	LOW	120kHz	64QAM	-36.41	-5
n260	50MHz	37025.04	LOW	120kHz		-37.09	-13



21:22:14 25.10.2021

HIGH BAND EDGE BLOCK-50MHz-100%RB

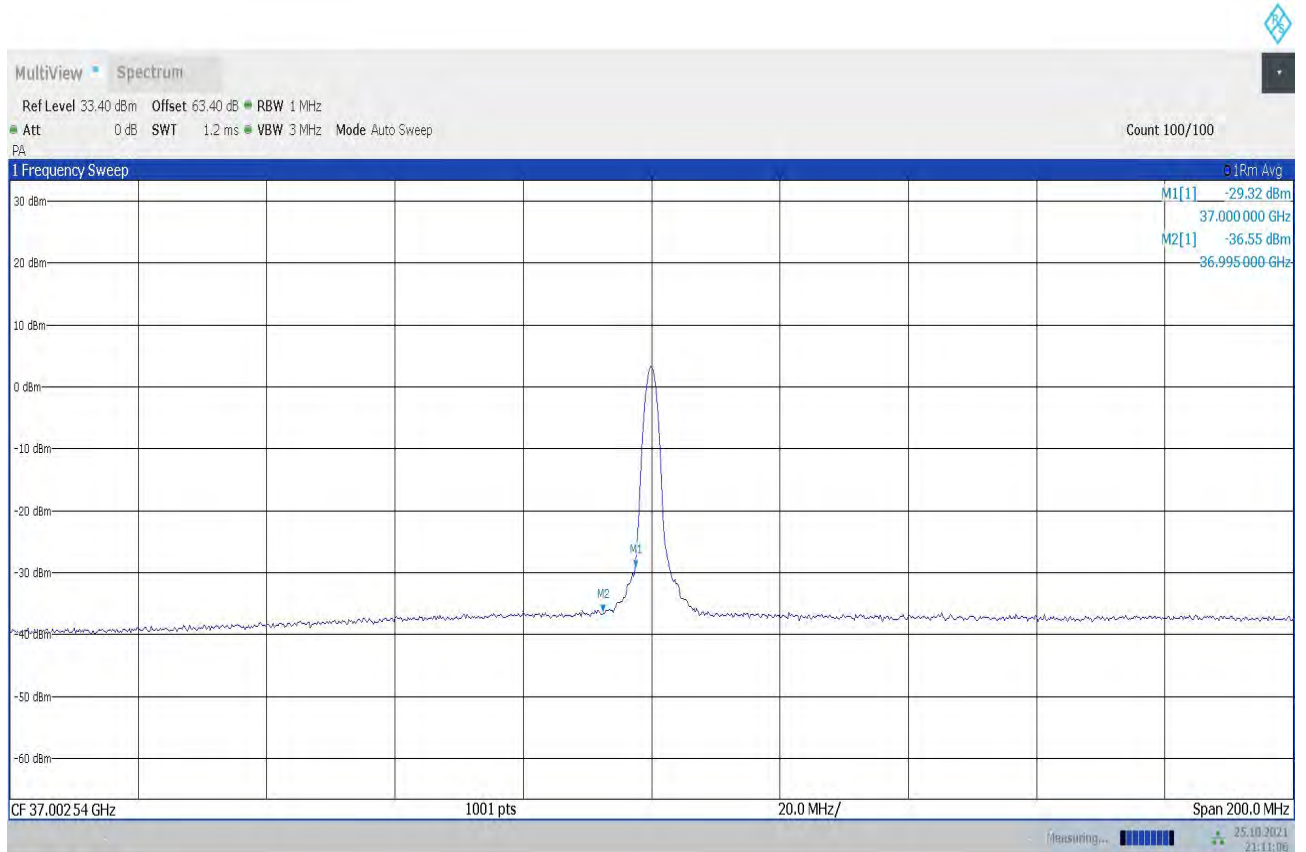
Module1, PUSCH DFT							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dBm)
n260	50MHz	39975	LOW	120kHz	64QAM	-30.70	-5
n260	50MHz	39975	LOW	120kHz		-31.78	-13



07:55:30 26.10.2021

LOW BAND EDGE BLOCK-50MHz-1RB

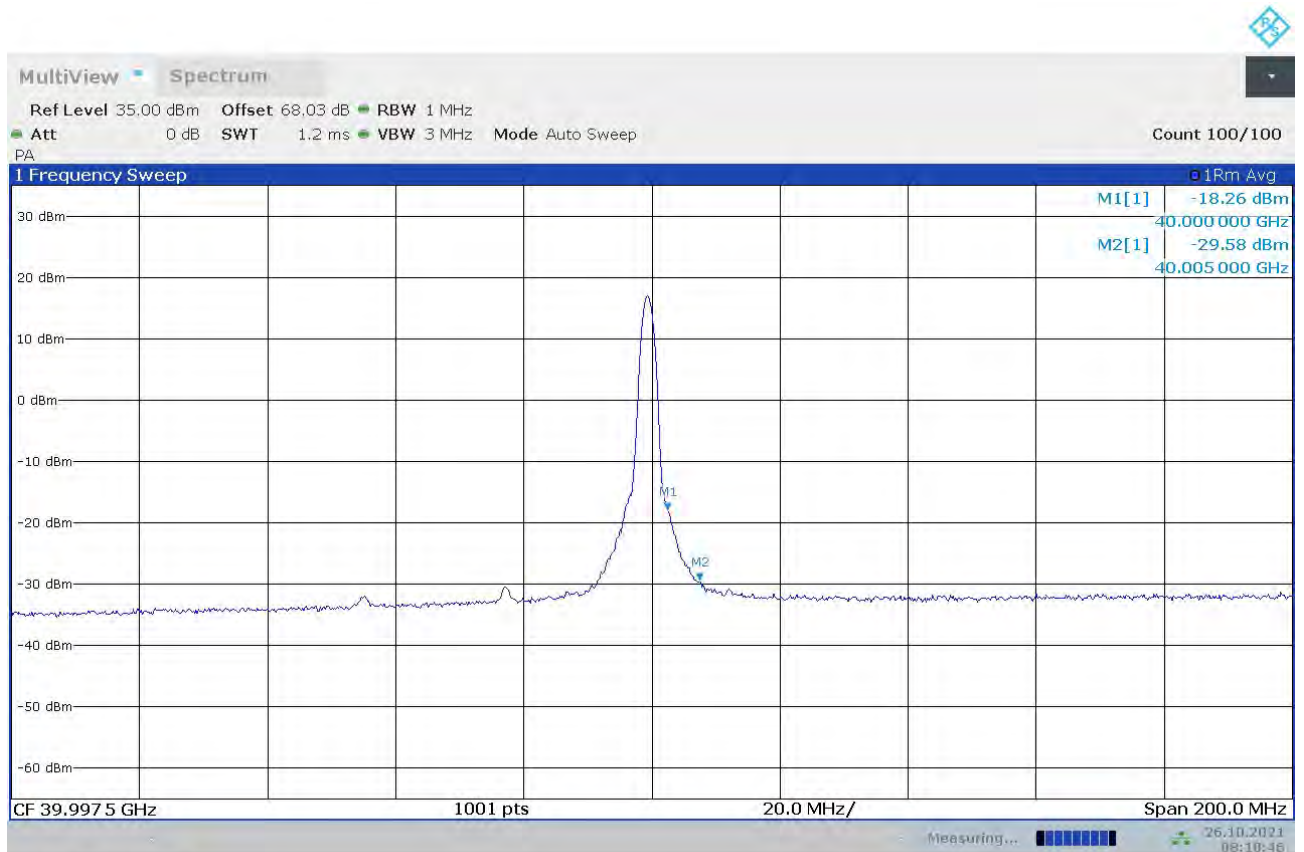
Module1, PUSCH DFT							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dBm)
n260	50MHz	37025.04	LOW	120kHz	QPSK	-29.32	-5
n260	50MHz	37025.04	LOW	120kHz		-36.55	-13



21:11:06 25.10.2021

HIGH BAND EDGE BLOCK-50MHz-1RB

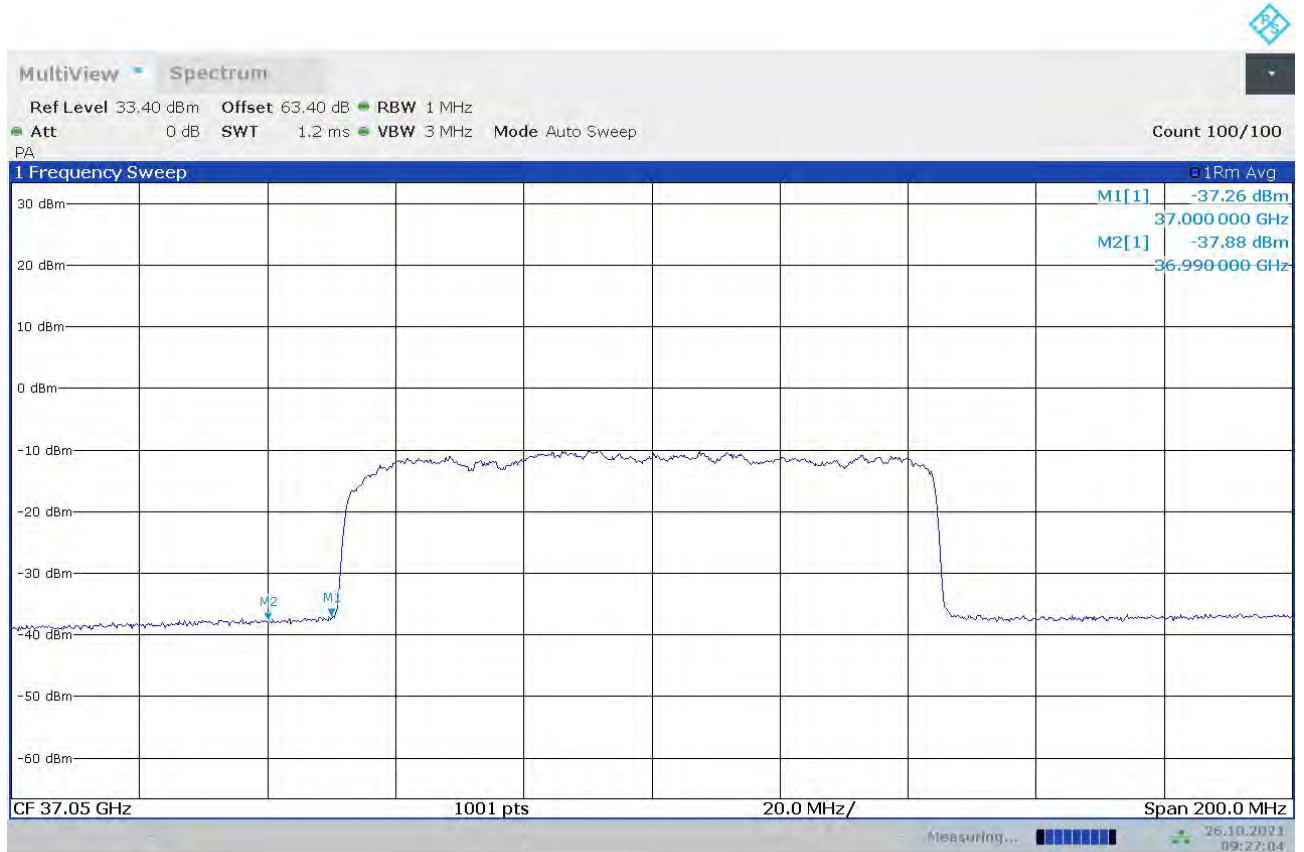
Module1, PUSCH DFT							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dBm)
n260	50MHz	39975	LOW	120kHz	QPSK	-18.26	-5
n260	50MHz	39975	LOW	120kHz		-29.58	-13



08:10:47 26.10.2021

LOW BAND EDGE BLOCK-100MHz-100%RB

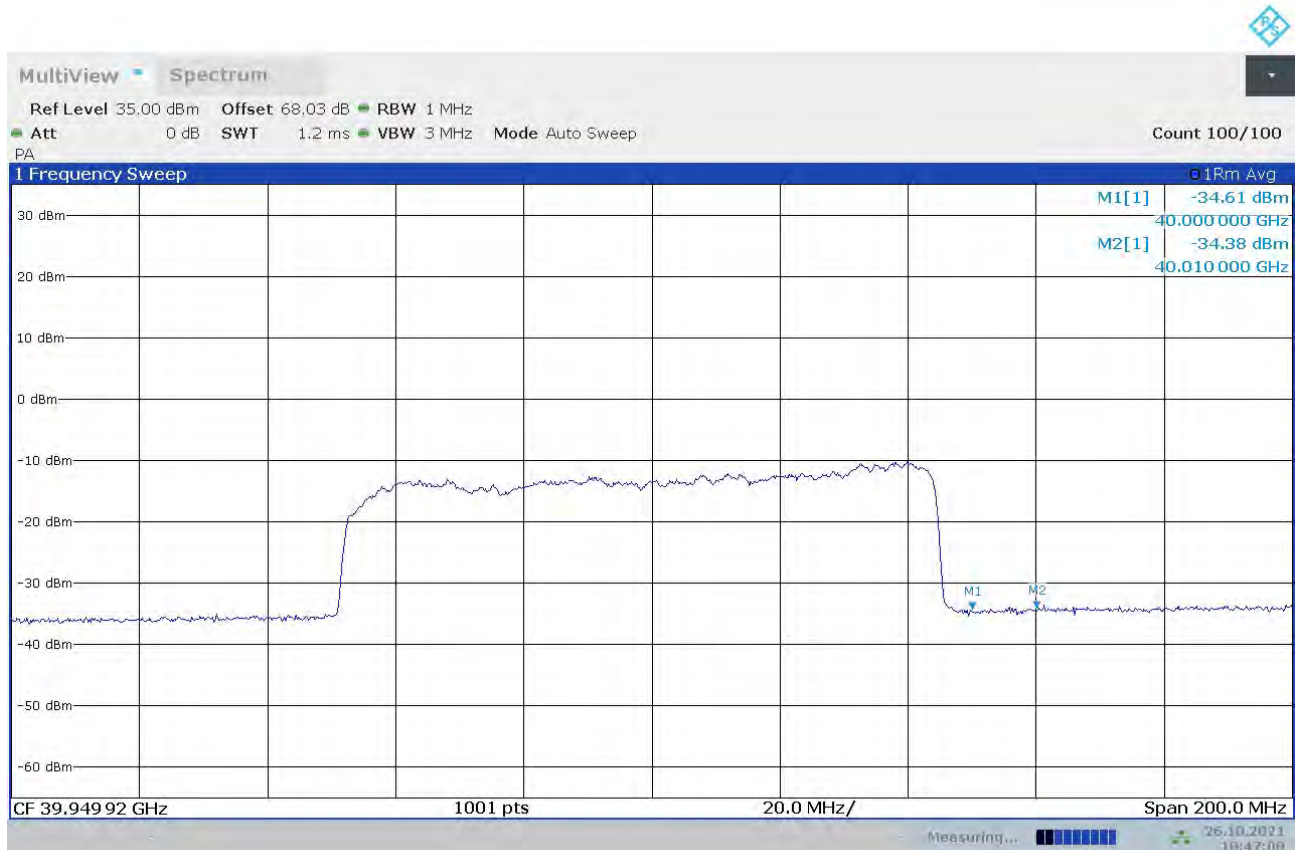
Module1, PUSCH DFT							
	BANDWIDT H	FREQUENCY (M Hz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dBm)
n260	100MHz	37050	LOW	120kHz	64QAM	-37.26	-5
n260	100MHz	37050	LOW	120kHz		-37.88	-13



09:27:04 26.10.2021

HIGH BAND EDGE BLOCK-100MHz-100%RB

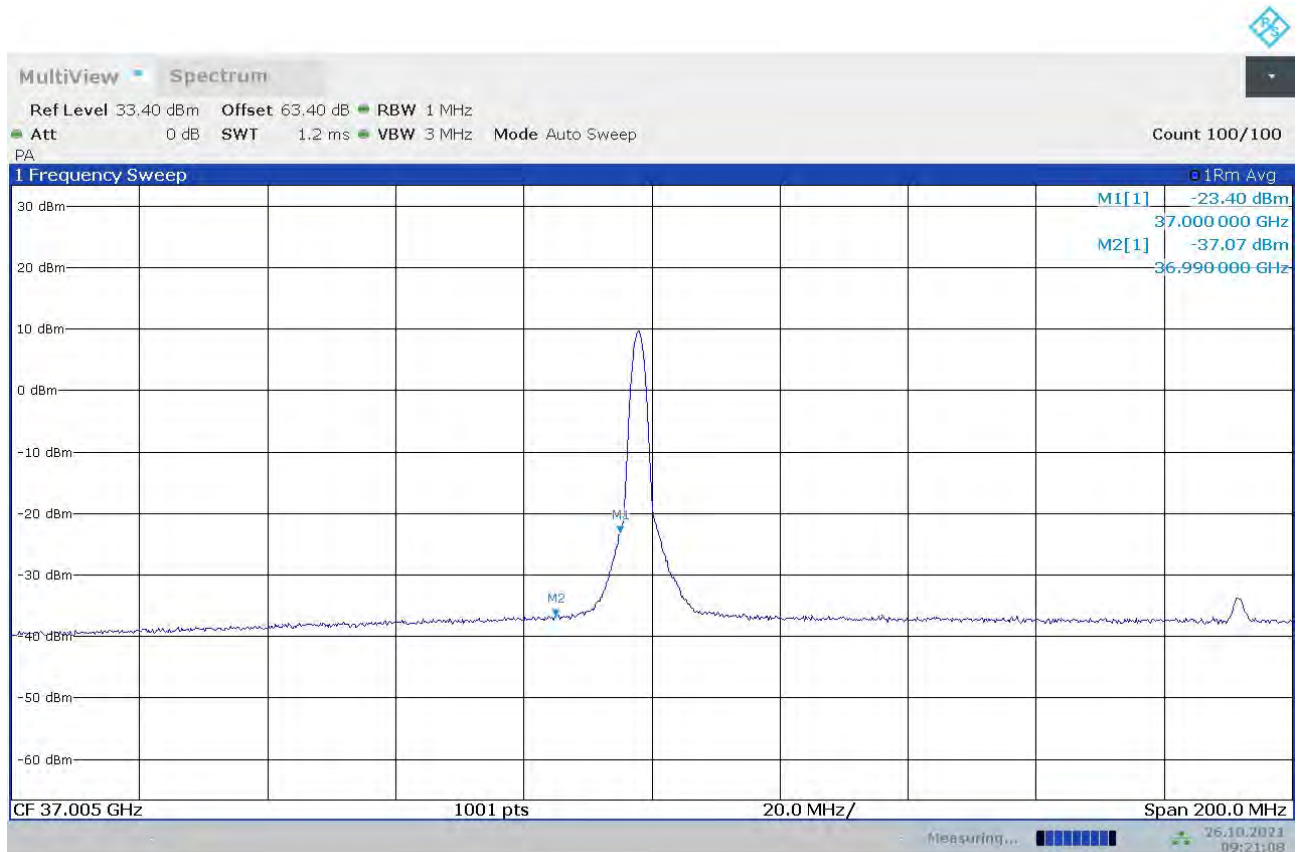
Module1, PUSCH DFT							
	BANDWIDTH	FREQUENCY (MHz)	CHANNEL	SCS	MODULATION	Peak (dBm)	Limit (dBm)
n260	100MHz	39949.92	HIGH	120kHz	64QAM	-34.61	-5
n260	100MHz	39949.92	HIGH	120kHz		-34.38	-13



10:47:00 26.10.2021

LOW BAND EDGE BLOCK-100MHz-1RB

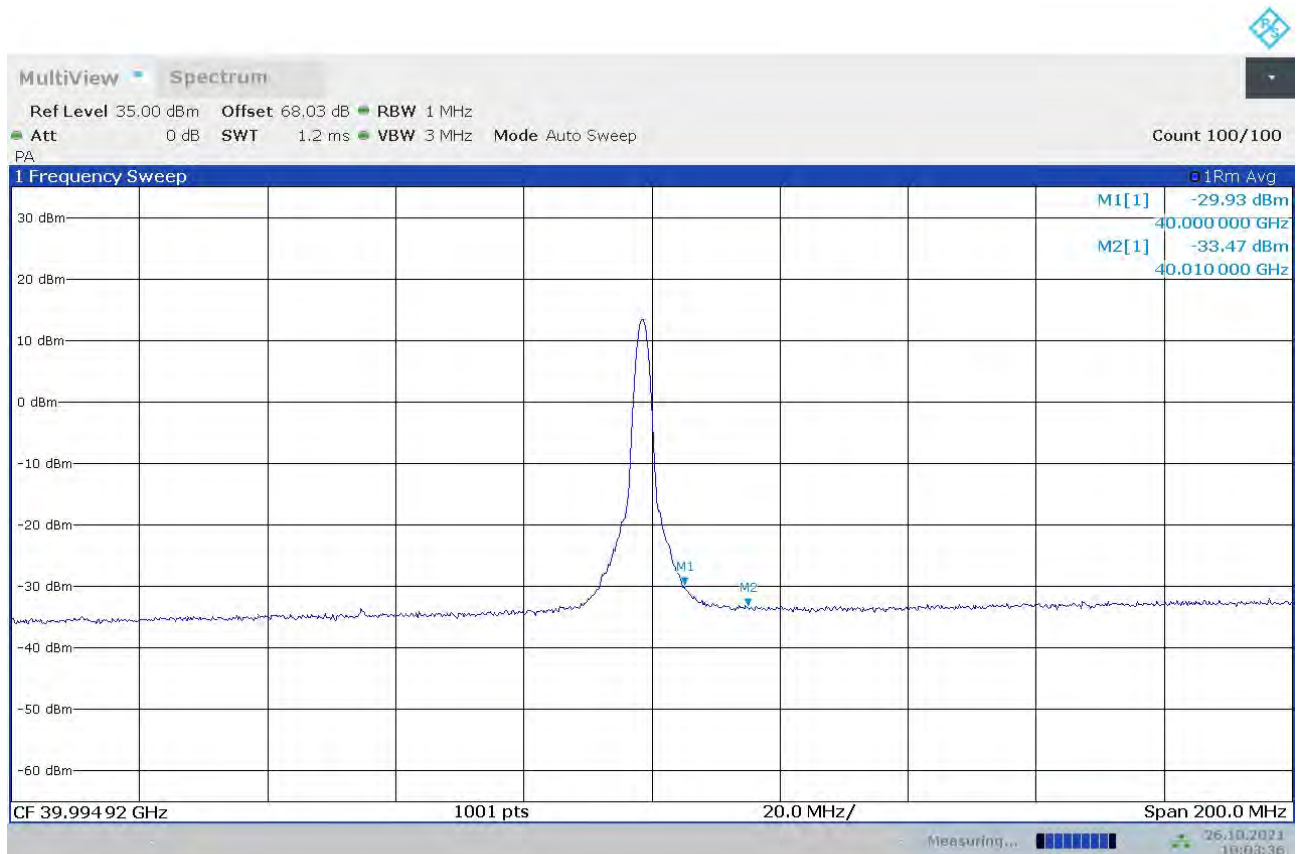
Module1, PUSCH DFT							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dBm)
n260	100MHz	37050	LOW	120kHz	QPSK	-23.40	-5
n260	100MHz	37050	LOW	120kHz		-37.07	-13



09:21:08 26.10.2021

HIGH BAND EDGE BLOCK-100MHz-1RB

Module1, PUSCH DFT							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dBm)
n260	100MHz	39949.92	HIGH	120kHz	QPSK	-29.93	-5
n260	100MHz	39949.92	HIGH	120kHz		-33.47	-13

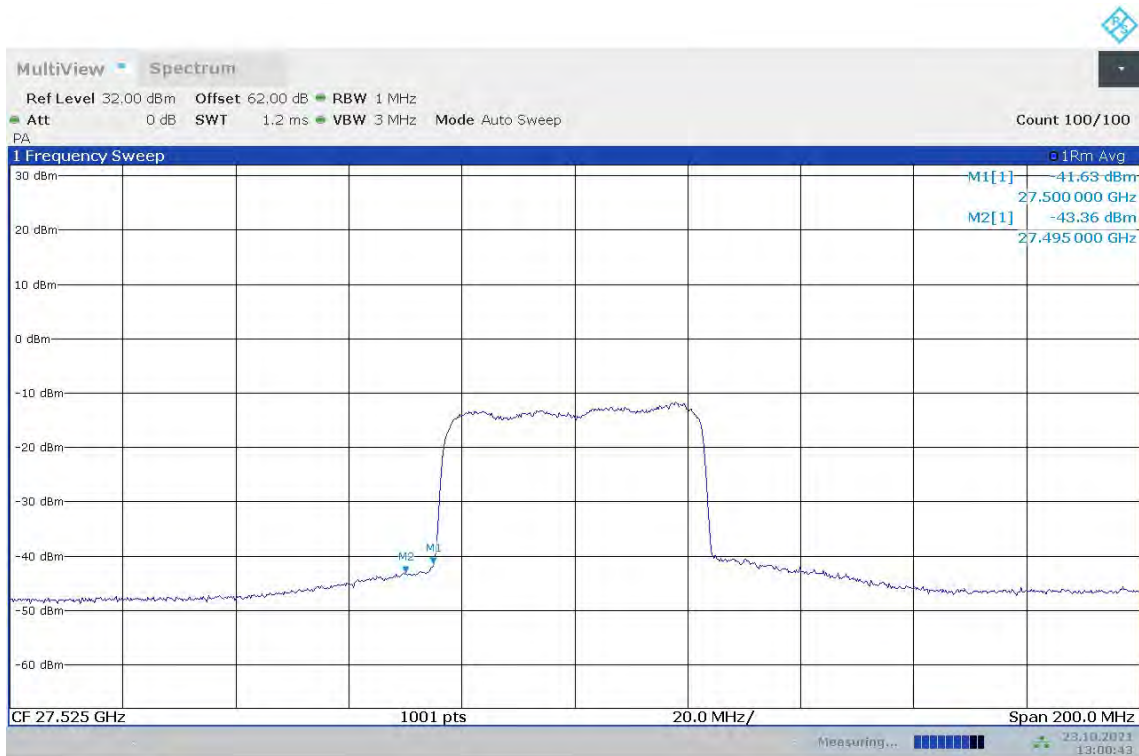


10:03:36 26.10.2021

n261

LOW BAND EDGE BLOCK-50MHz-100%RB

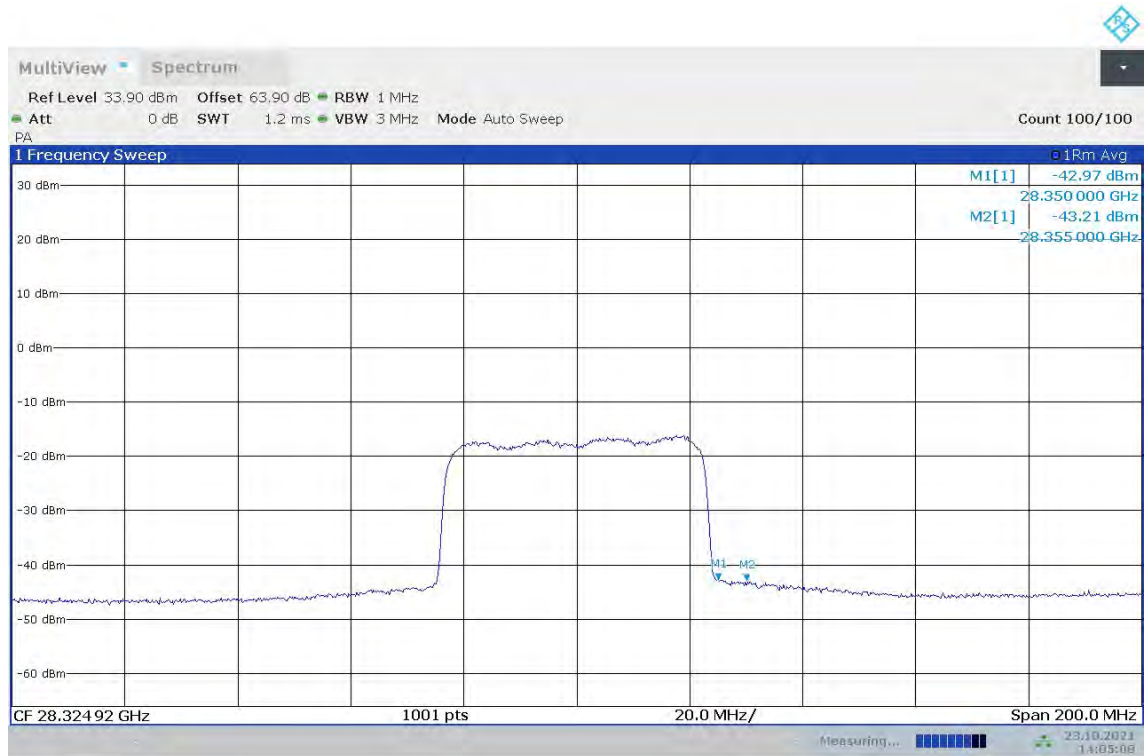
Module0, CP-OFDM							
	BANDWIDTH	FREQUENCY (MHz)	CHANNEL	SCS	MODULATION	Peak (dBm)	Limit (dBm)
n261	50MHz	27525	LOW	120kHz	QPSK	-41.69	-5
n261	50MHz	27525	LOW	120kHz		-43.36	-13



13:00:43 23.10.2021

HIGH BAND EDGE BLOCK-50MHz-100%RB

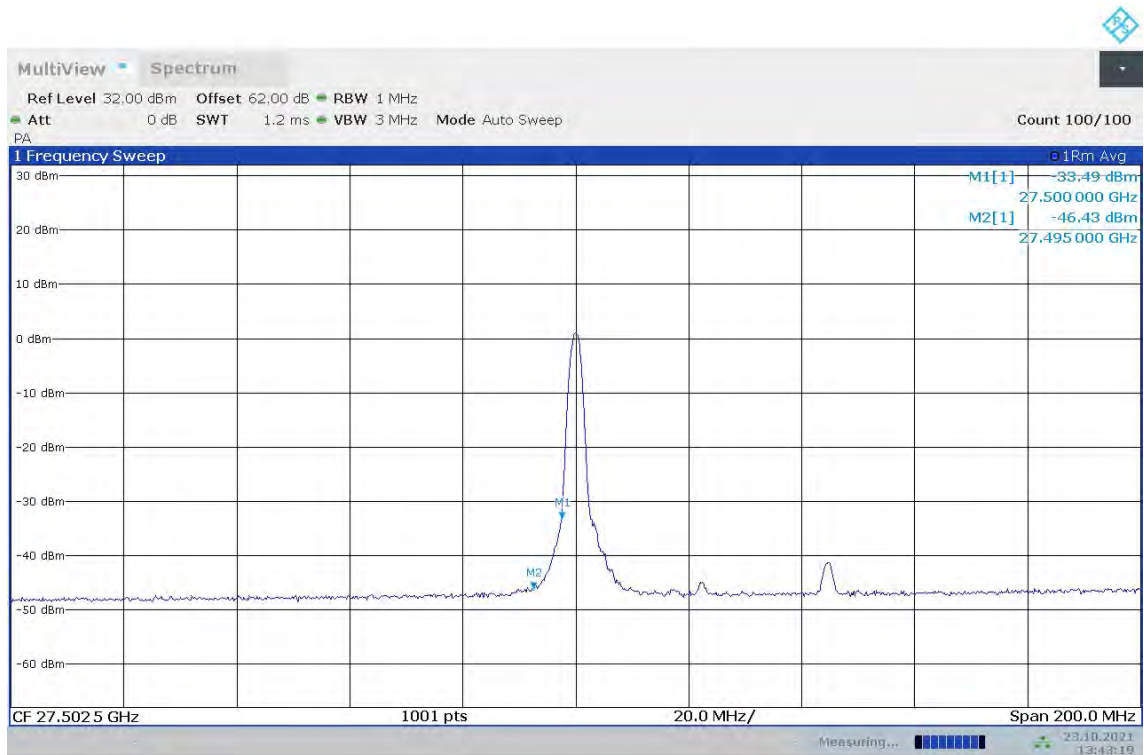
Module0, CP-OFDM							
	BANDWIDTH	FREQUENCY (MHz)	CHANNEL	SCS	MODULATION	Peak (dBm)	Limit (dBm)
n261	50MHz	28324.92	HIGH	120kHz	QPSK	-42.97	-5
n261	50MHz	28324.92	HIGH	120kHz		-43.21	-13



14:05:09 23.10.2021

LOW BAND EDGE BLOCK-50MHz-1RB

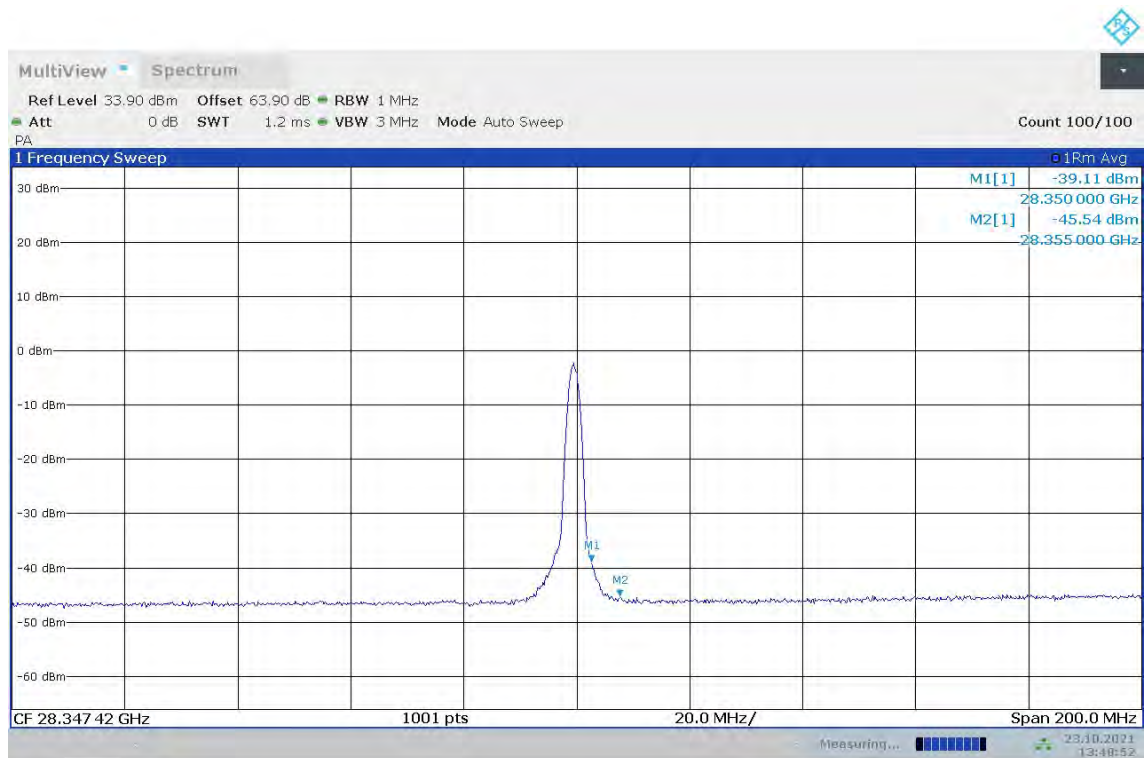
Module0, CP-OFDM							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dBm)
n261	50MHz	27525	LOW	120kHz	QPSK	-33.49	-5
n261	50MHz	27525	LOW	120kHz		-46.43	-13



13:43:20 23.10.2021

HIGH BAND EDGE BLOCK-50MHz-1RB

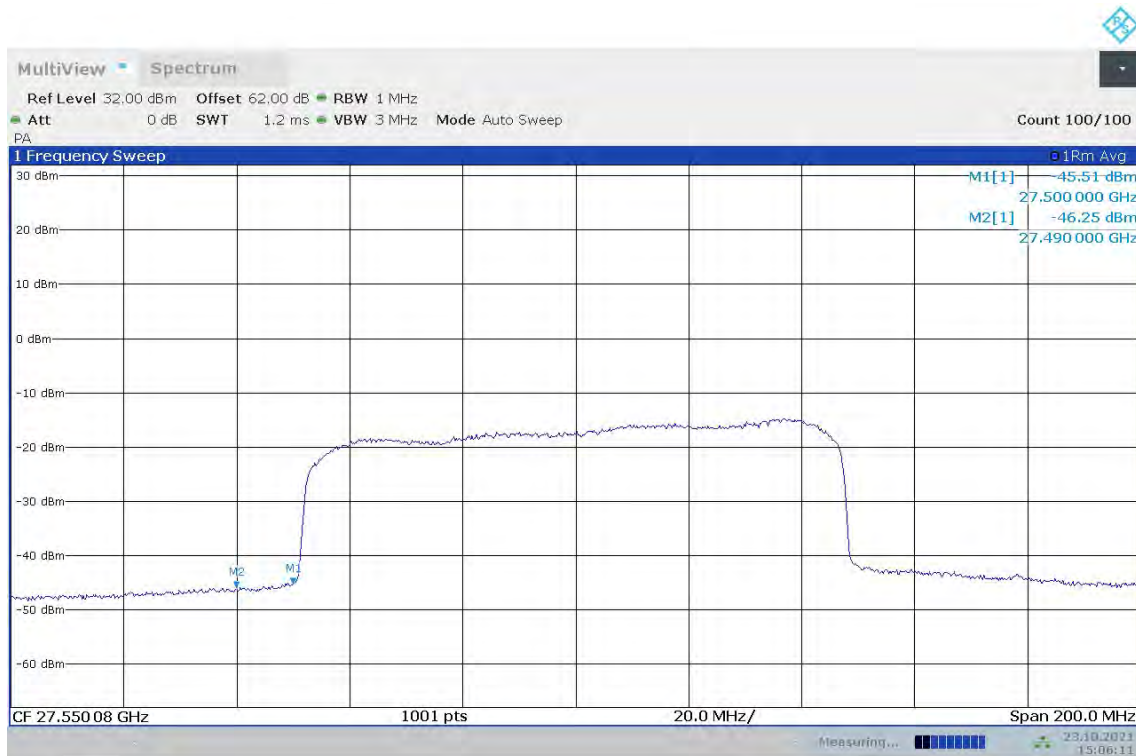
Module0, CP-OFDM							
	BANDWIDTH	FREQUENCY (MHz)	CHANNEL	SCS	MODULATION	Peak (dBm)	Limit (dBm)
n261	50MHz	28324.92	HIGH	120kHz	QPSK	-39.11	-5
n261	50MHz	28324.92	HIGH	120kHz		-45.54	-13



13:48:52 23.10.2021

LOW BAND EDGE BLOCK-100MHz-100%RB

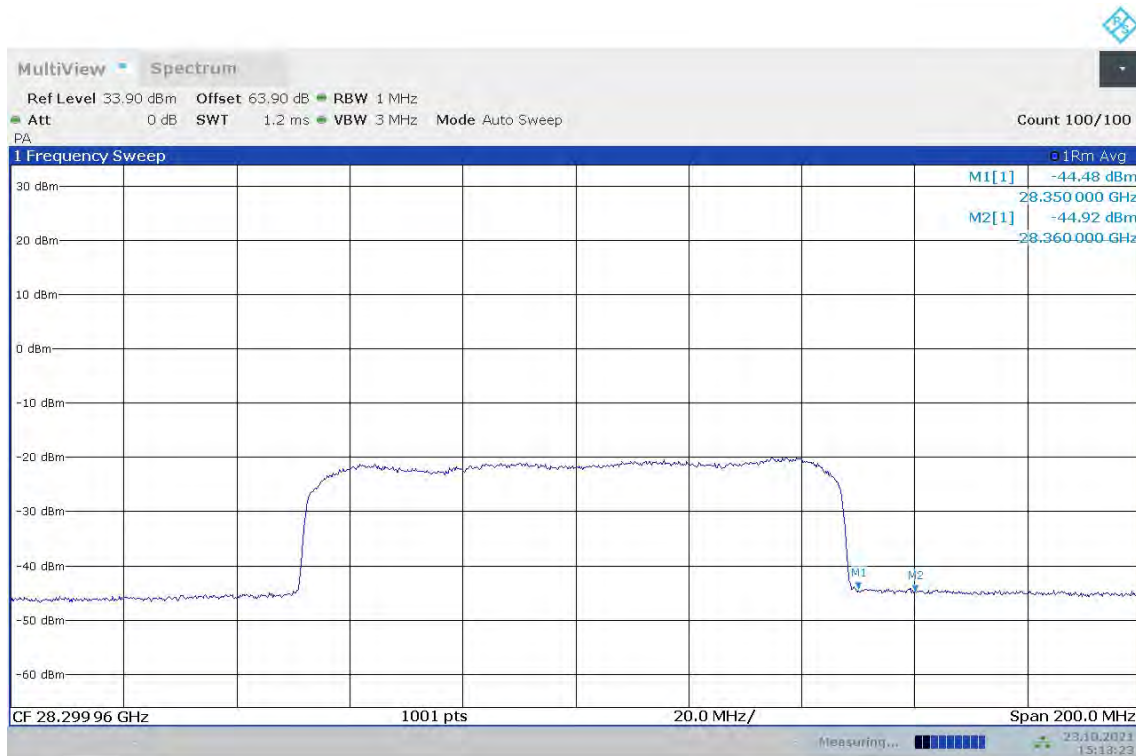
Module0, CP-OFDM							
	BANDWIDTH	FREQUENCY (MHz)	CHANNEL	SCS	MODULATION	Peak (dBm)	Limit (dBm)
n261	100MHz	27550.08	LOW	120kHz	QPSK	-45.51	-5
n261	100MHz	27550.08	LOW	120kHz		-46.25	-13



15:06:12 23.10.2021

HIGH BAND EDGE BLOCK-100MHz-100%RB

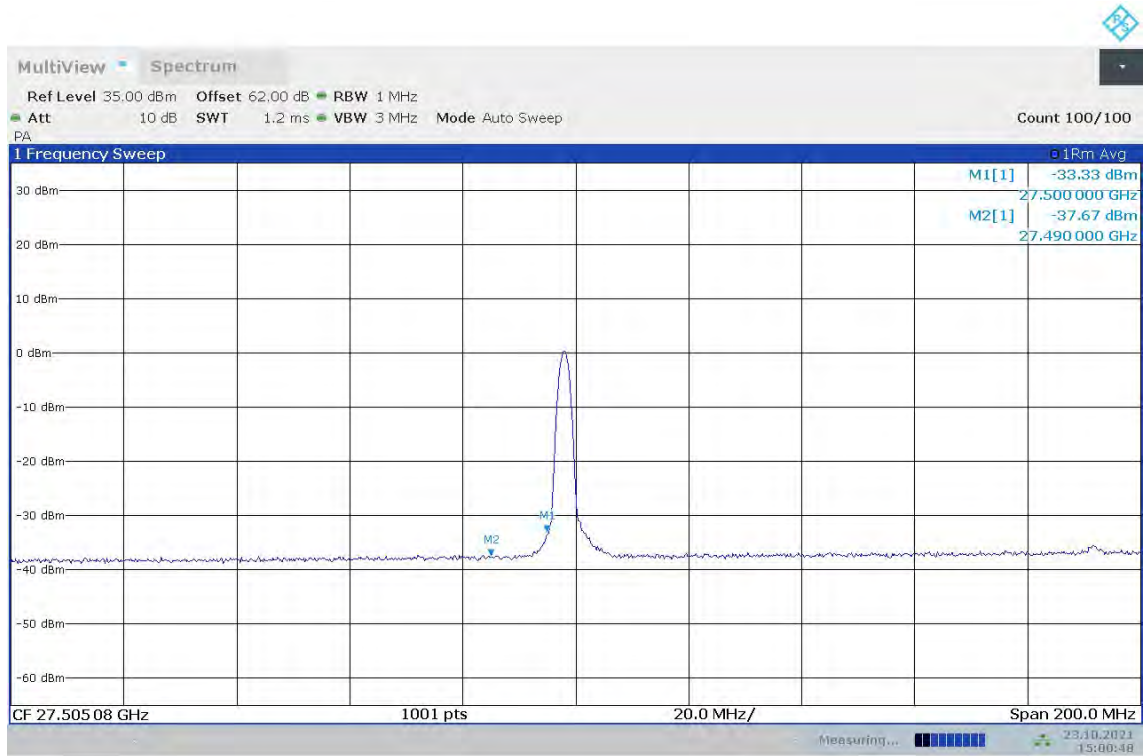
Module0, CP-OFDM							
	BANDWIDTH	FREQUENCY (MHz)	CHANNEL	SCS	MODULATION	Peak (dBm)	Limit (dBm)
n261	100MHz	28299.96	HIGH	120kHz	QPSK	-44.48	-5
n261	100MHz	28299.96	HIGH	120kHz		-44.92	-13



15:13:23 23.10.2021

LOW BAND EDGE BLOCK-100MHz-1RB

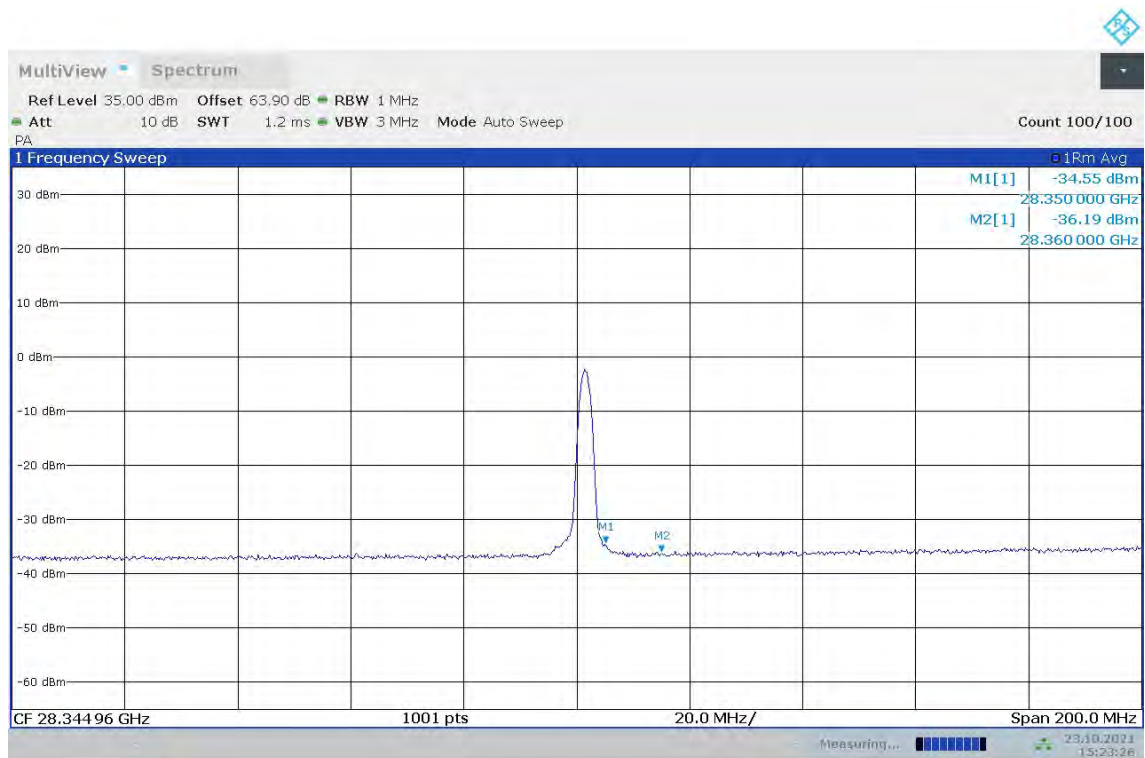
Module0, CP-OFDM							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dB m)
n261	100MHz	27550.08	LOW	120kHz	QPSK	-33.33	-5
n261	100MHz	27550.08	LOW	120kHz		-37.67	-13



15:00:48 23.10.2021

HIGH BAND EDGE BLOCK-100MHz-1RB

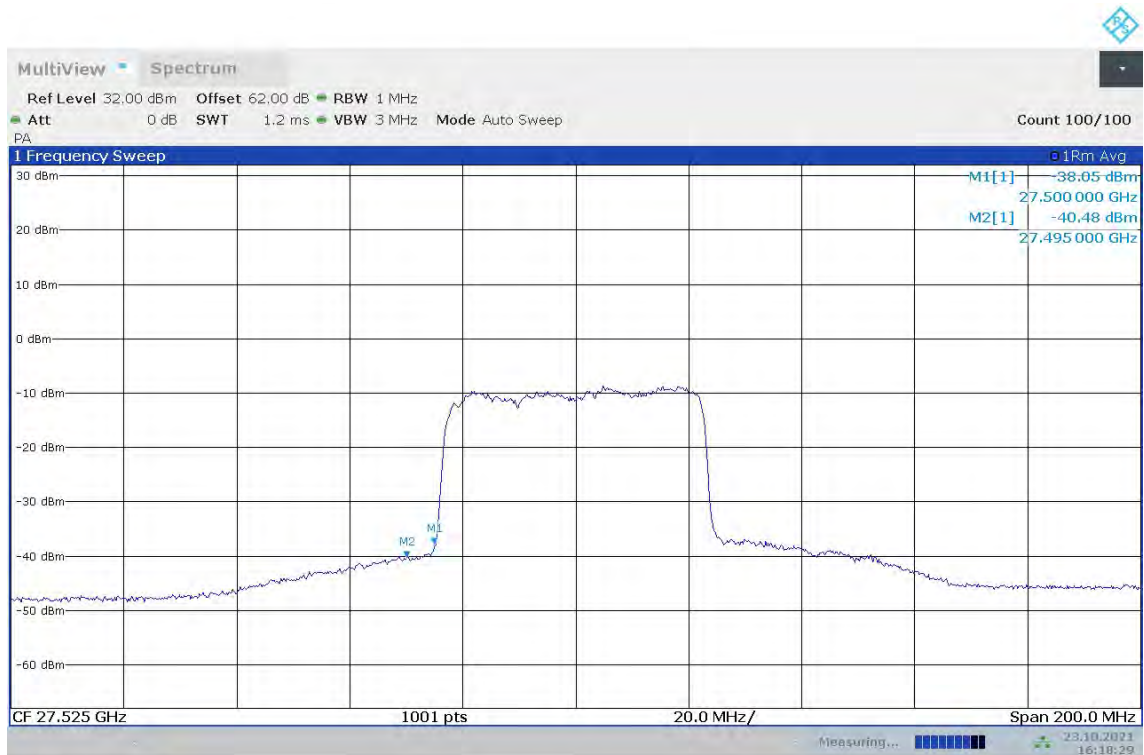
Module0, CP-OFDM							
	BANDWIDTH	FREQUENCY (MHz)	CHANNEL	SCS	MODULATION	Peak (dBm)	Limit (dBm)
n261	100MHz	28299.96	HIGH	120kHz	QPSK	-34.55	-5
n261	100MHz	28299.96	HIGH	120kHz		-36.19	-13



15:23:27 23.10.2021

LOW BAND EDGE BLOCK-50MHz-100%RB

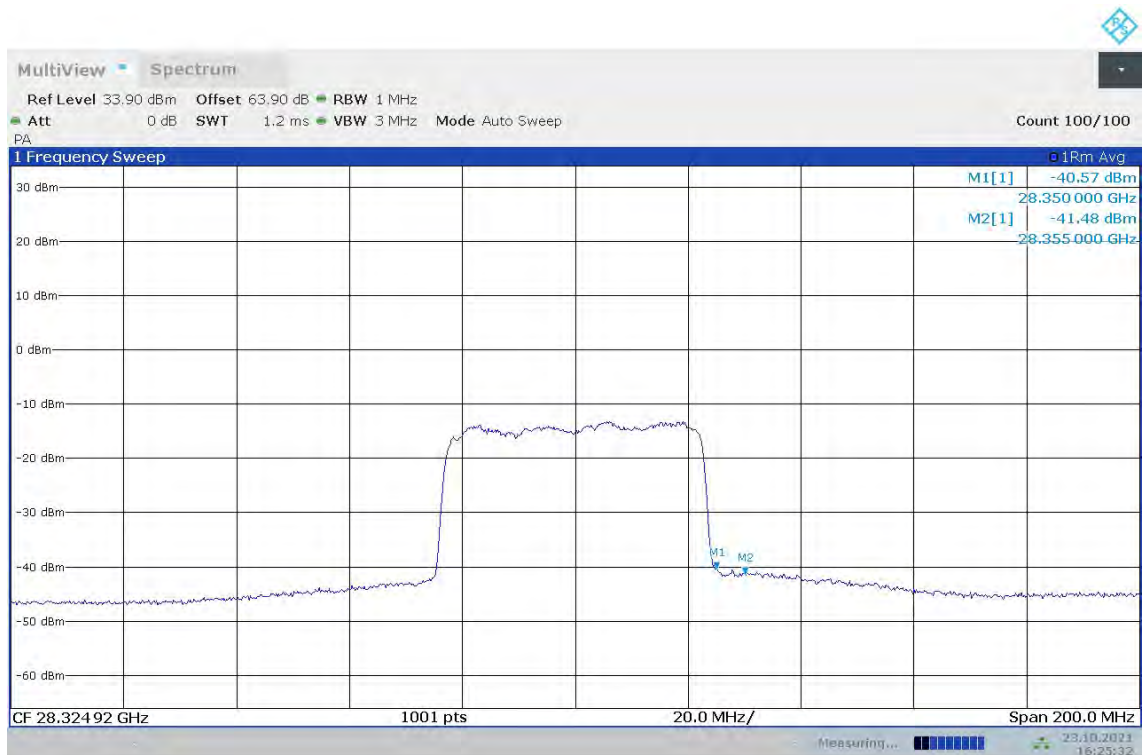
Module0, PUSCH DFT							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dBm)
n261	50MHz	27525	LOW	120kHz	16AQM	-38.05	-5
n261	50MHz	27525	LOW	120kHz		-40.48	-13



16:18:29 23.10.2021

HIGH BAND EDGE BLOCK-50MHz-100%RB

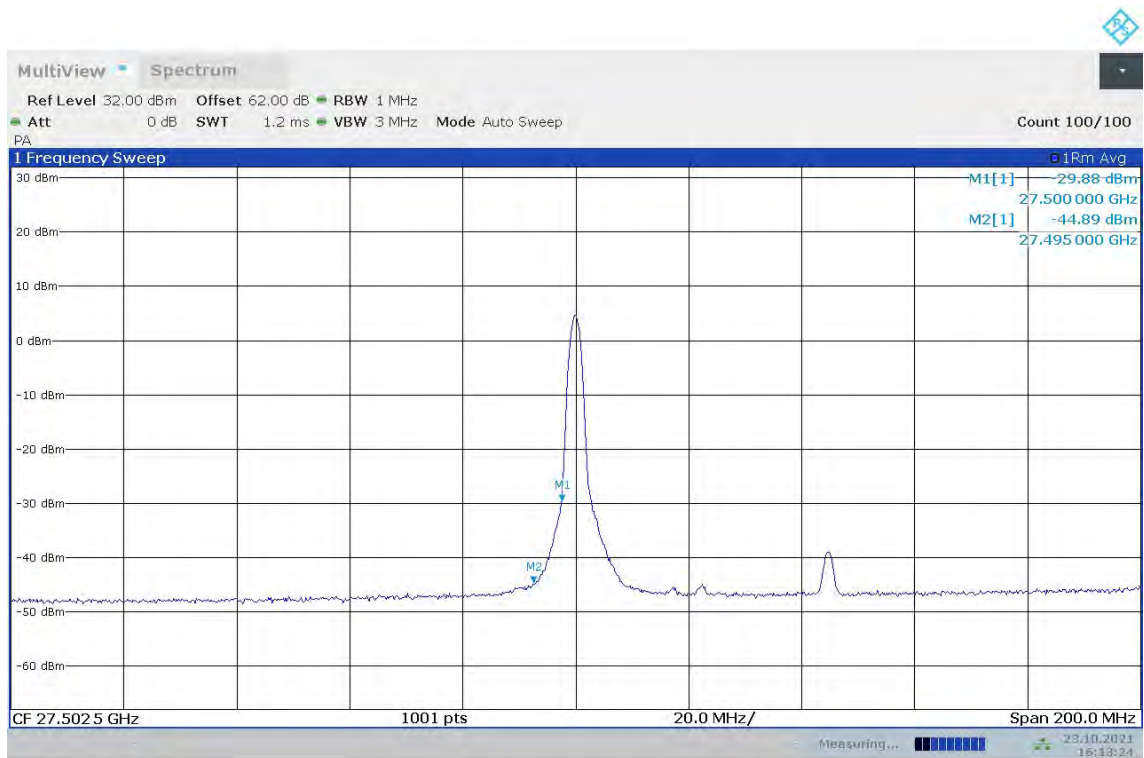
Module0, PUSCH DFT							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dBm)
n261	50MHz	28324.92	HIGH	120kHz	16QAM	-40.57	-5
n261	50MHz	28324.92	HIGH	120kHz		-41.48	-13



16:25:33 23.10.2021

LOW BAND EDGE BLOCK-50MHz-1RB

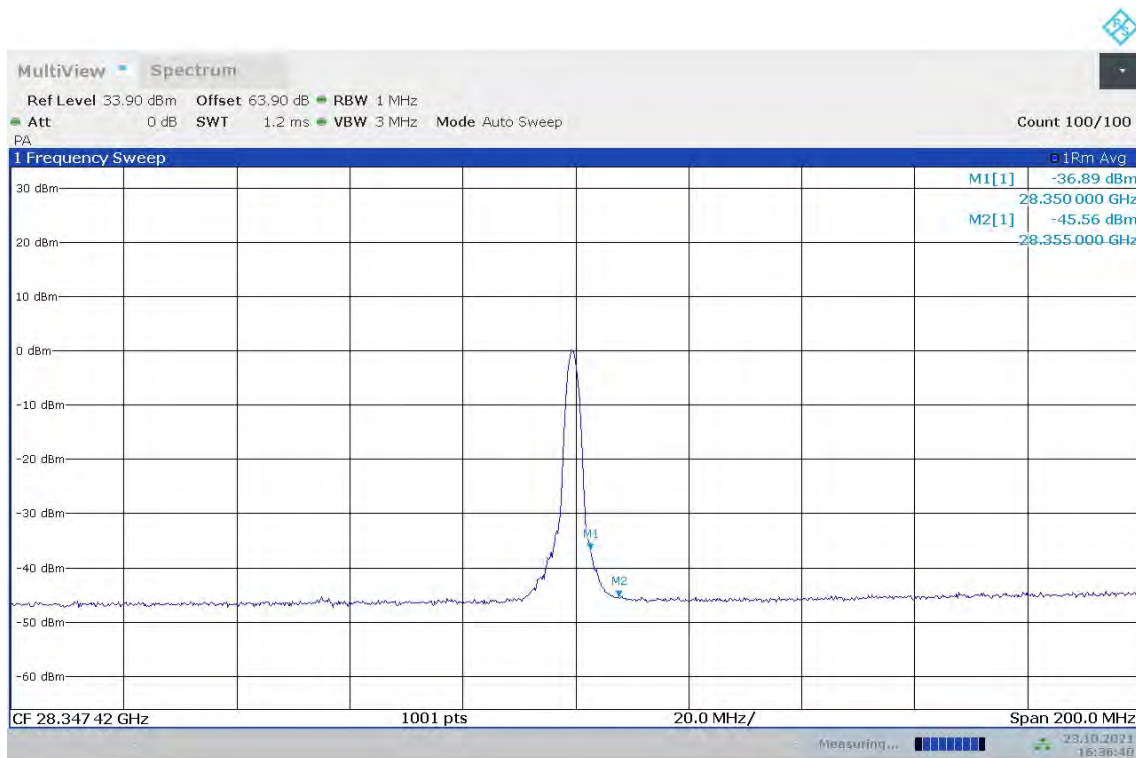
Module0, PUSCH DFT							
	BANDWIDTH	FREQUENCY (MHz)	CHANNEL	SCS	MODULATION	Peak (dBm)	Limit (dBm)
n261	50MHz	27525	LOW	120kHz	QPSK	-29.88	-5
n261	50MHz	27525	LOW	120kHz		-44.89	-13



16:13:25 23.10.2021

HIGH BAND EDGE BLOCK-50MHz-1RB

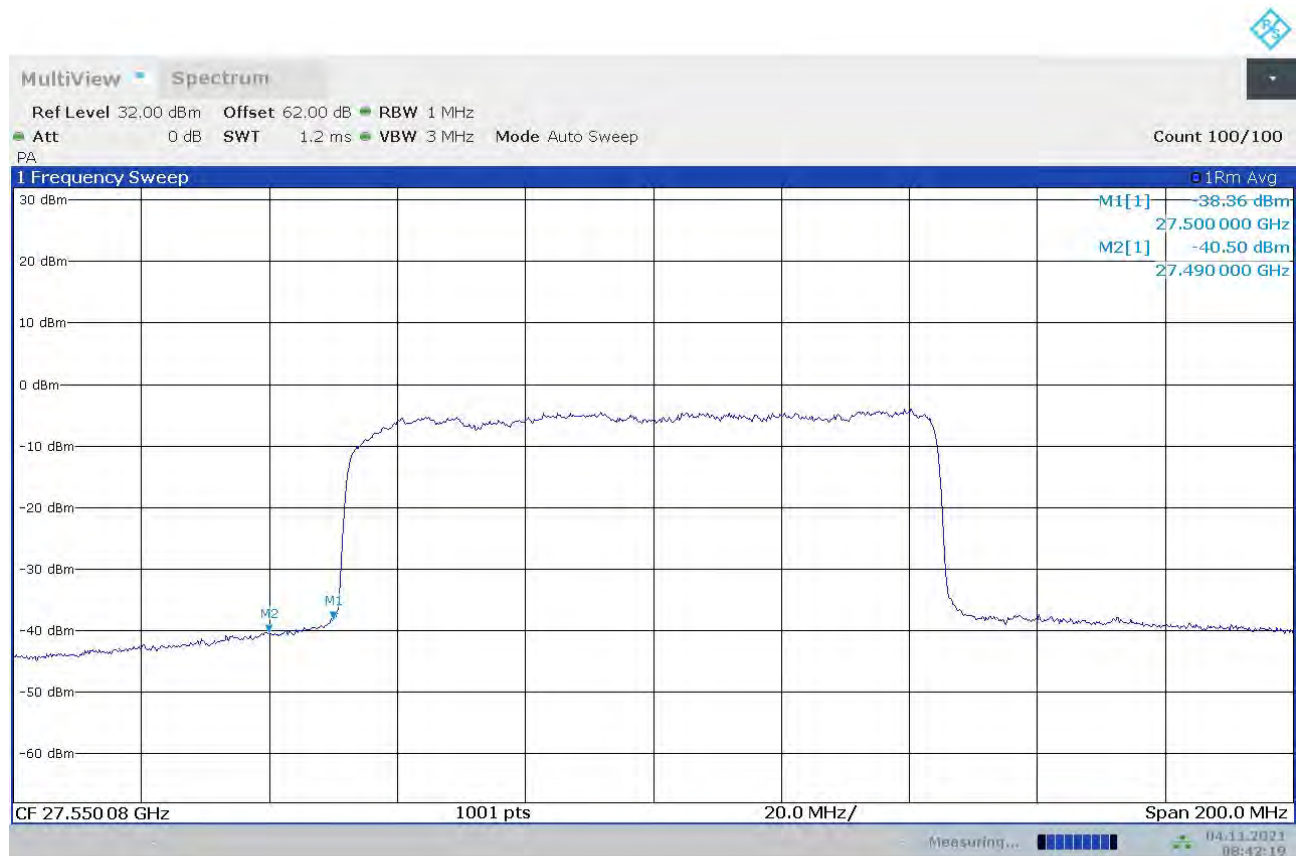
Module0, PUSCH DFT							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dBm)
n261	50MHz	28324.92	HIGH	120kHz	QPSK	-36.89	-5
n261	50MHz	28324.92	HIGH	120kHz		-45.56	-13



16:36:40 23.10.2021

LOW BAND EDGE BLOCK-100MHz-100%RB

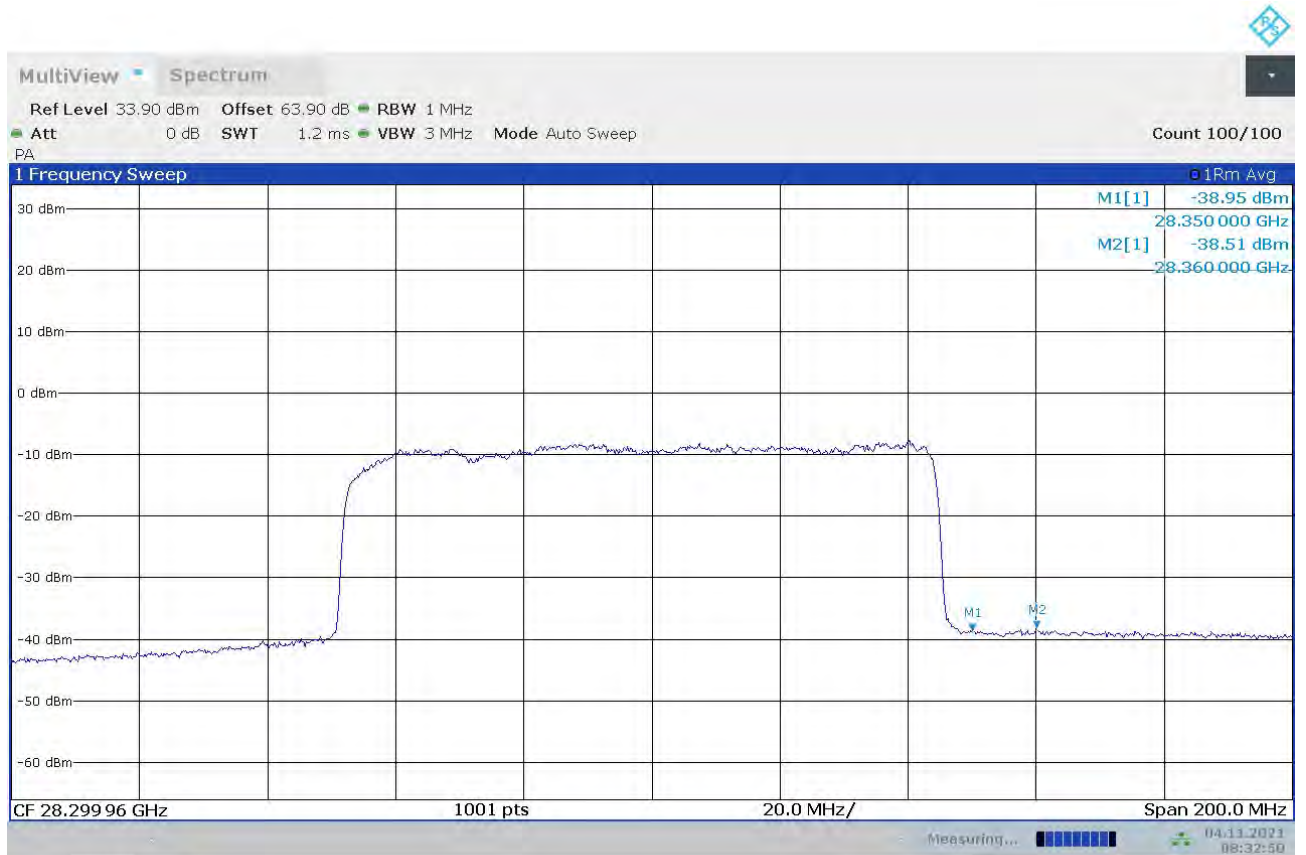
Module0, PUSCH DFT							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dBm)
n261	100MHz	27550.08	LOW	120kHz	64QAM	-38.36	-5
n261	100MHz	27550.08	LOW	120kHz		-40.50	-13



08:42:19 04.11.2021

HIGH BAND EDGE BLOCK-100MHz-100%RB

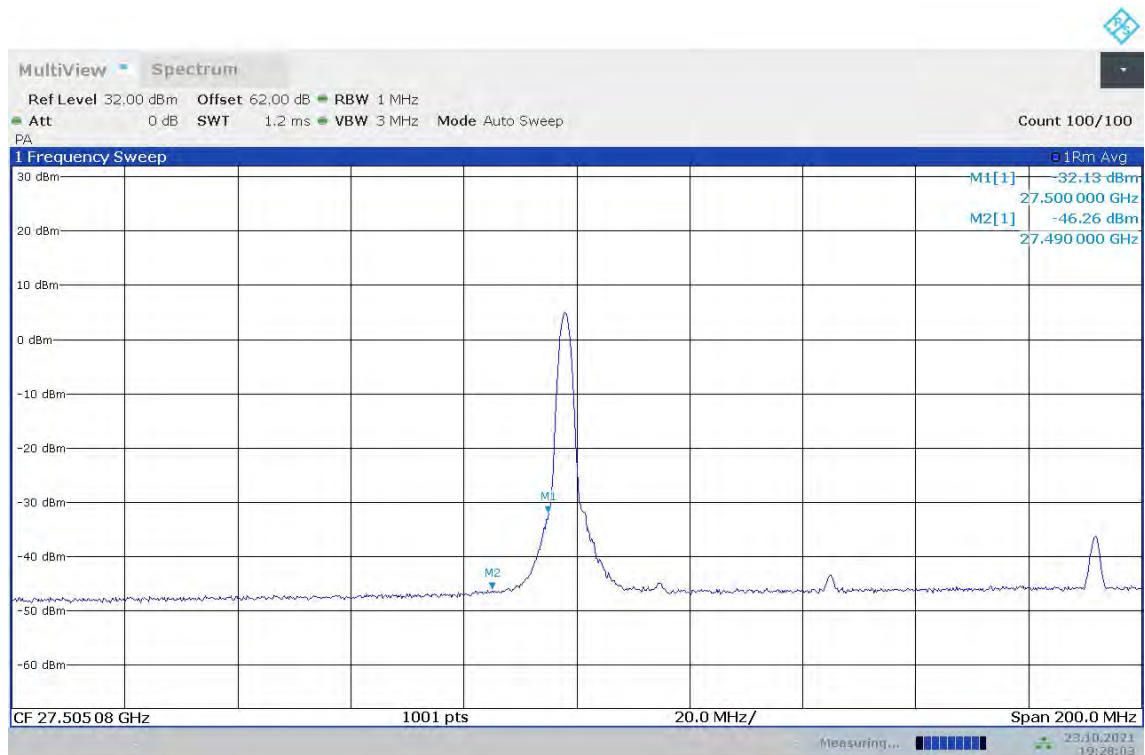
Module0, PUSCH DFT							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dBm)
n261	100MHz	28299.96	HIGH	120kHz	64QAM	-38.95	-5
n261	100MHz	28299.96	HIGH	120kHz		-38.51	-13



08:32:50 04.11.2021

LOW BAND EDGE BLOCK-100MHZ-1RB

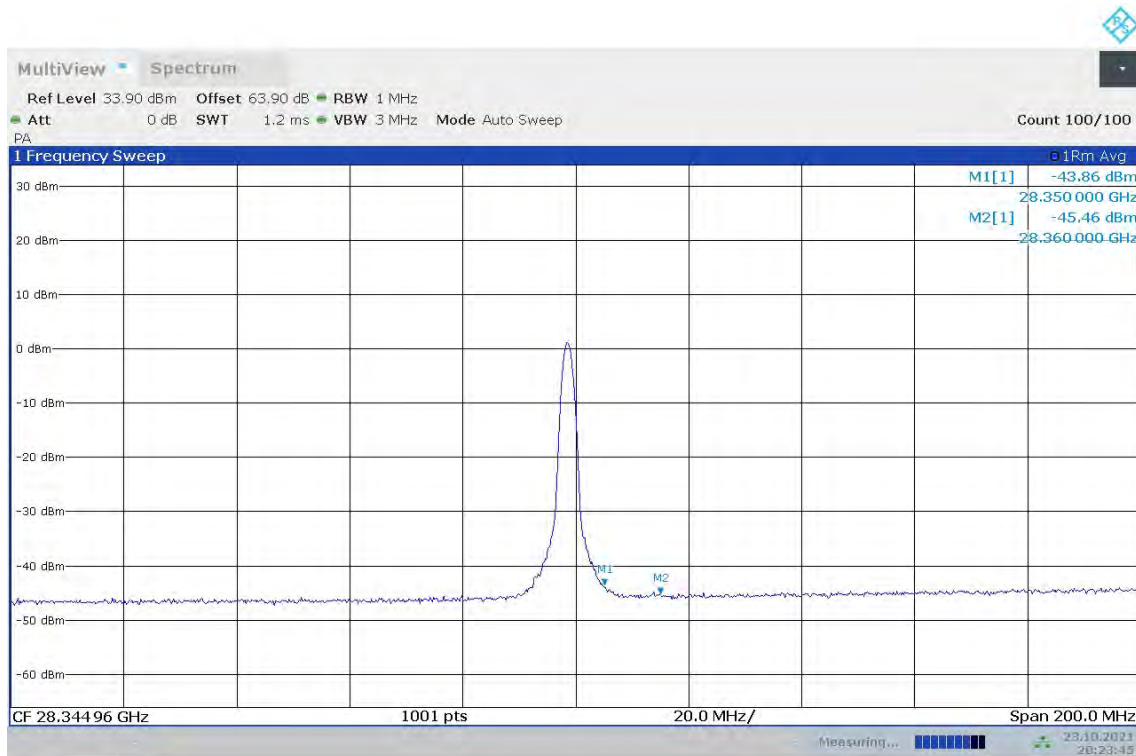
Module0, PUSCH DFT							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dB m)
n261	100MHz	27550.08	LOW	120kHz	QPSK	-32.13	-5
n261	100MHz	27550.08	LOW	120kHz		-46.26	-13



19:28:04 23.10.2021

HIGH BAND EDGE BLOCK-100MHz-1RB

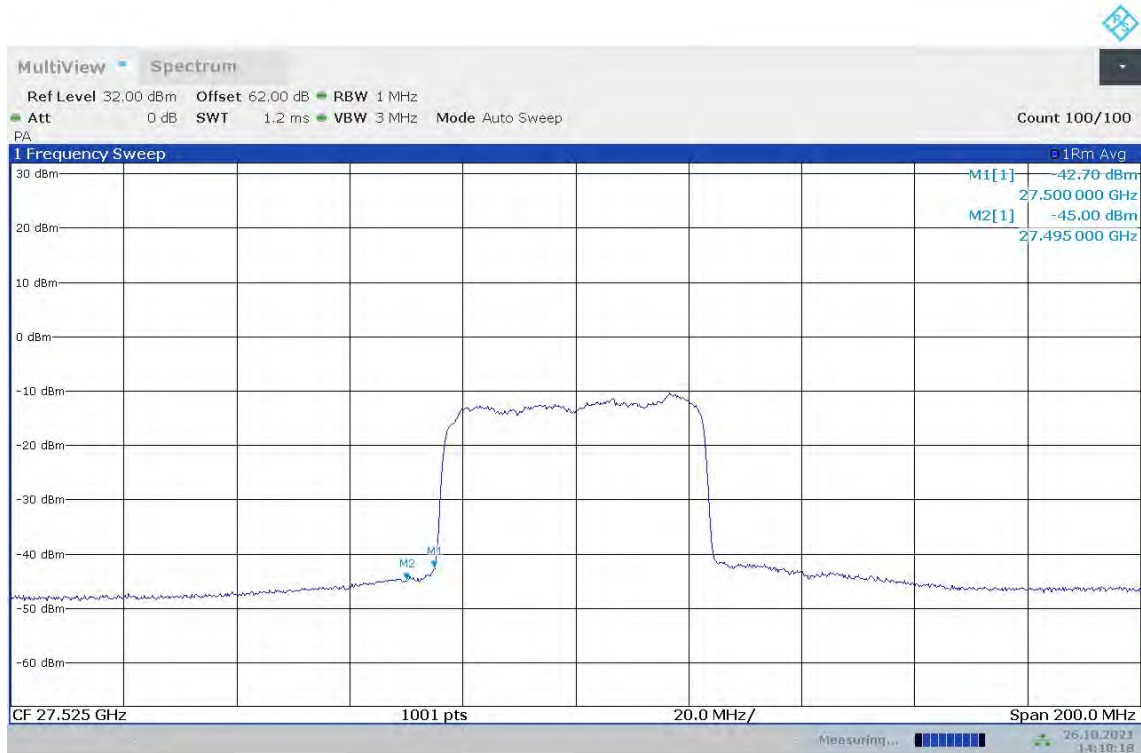
Module0, PUSCH DFT							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dBm)
n261	100MHz	28299.96	HIGH	120kHz	QPSK	-43.86	-5
n261	100MHz	28299.96	HIGH	120kHz		-45.46	-13



20:23:45 23.10.2021

LOW BAND EDGE BLOCK-50MHz-100%RB

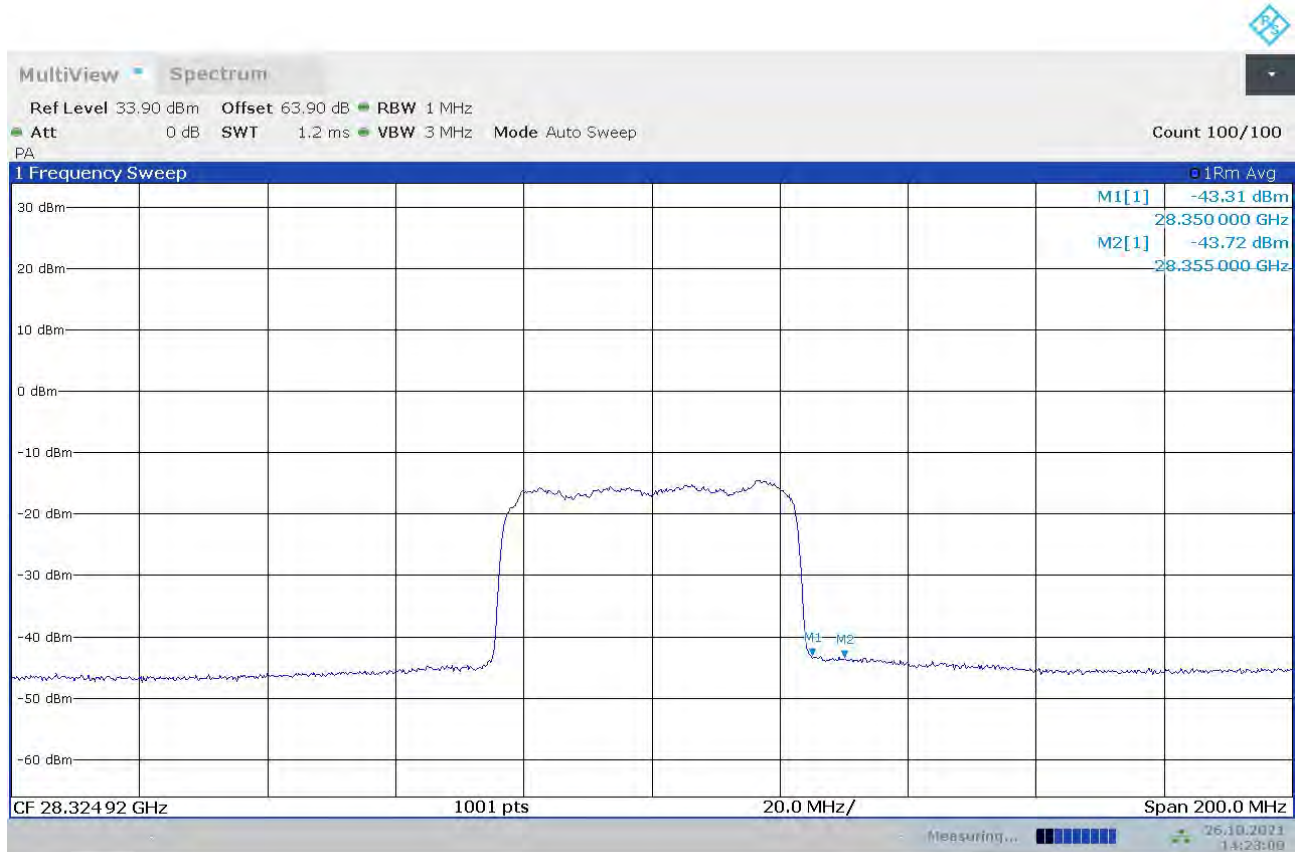
Module1, PUSCH DFT							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dBm)
n261	50MHz	27525	LOW	120kHz	QPSK	-42.70	-5
n261	50MHz	27525	LOW	120kHz		-45.00	-13



14:10:19 26.10.2021

HIGH BAND EDGE BLOCK-50MHz-100%RB

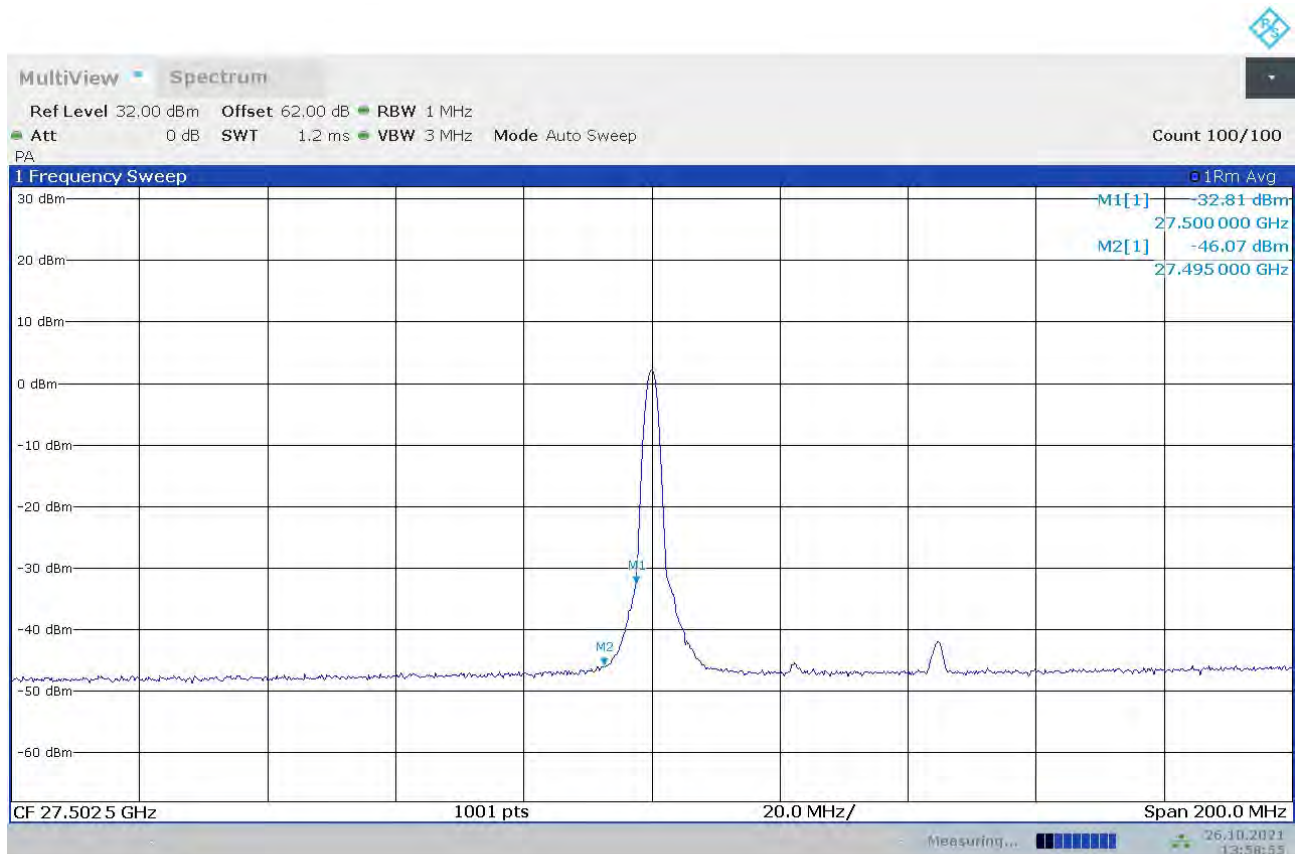
Module1, PUSCH DFT							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dBm)
n261	50MHz	28324.92	HIGH	120kHz	QPSK	-43.31	-5
n261	50MHz	28324.92	HIGH	120kHz		-43.72	-13



14:23:00 26.10.2021

LOW BAND EDGE BLOCK-50MHz-1RB

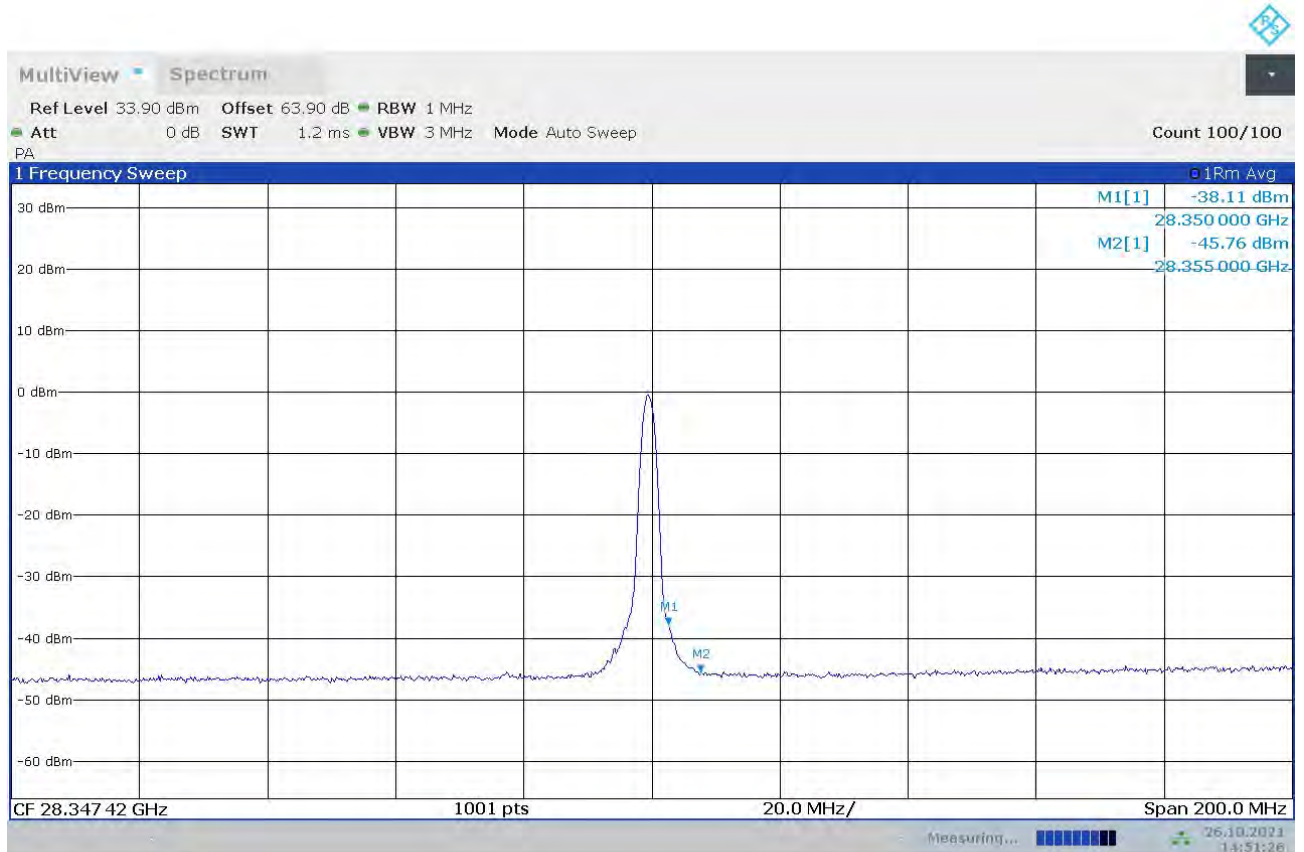
Module1, PUSCH DFT							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dBm)
n261	50MHz	27525	LOW	120kHz	QPSK	-32.81	-5
n261	50MHz	27525	LOW	120kHz		-46.07	-13



13:58:56 26.10.2021

HIGH BAND EDGE BLOCK-50MHz-1RB

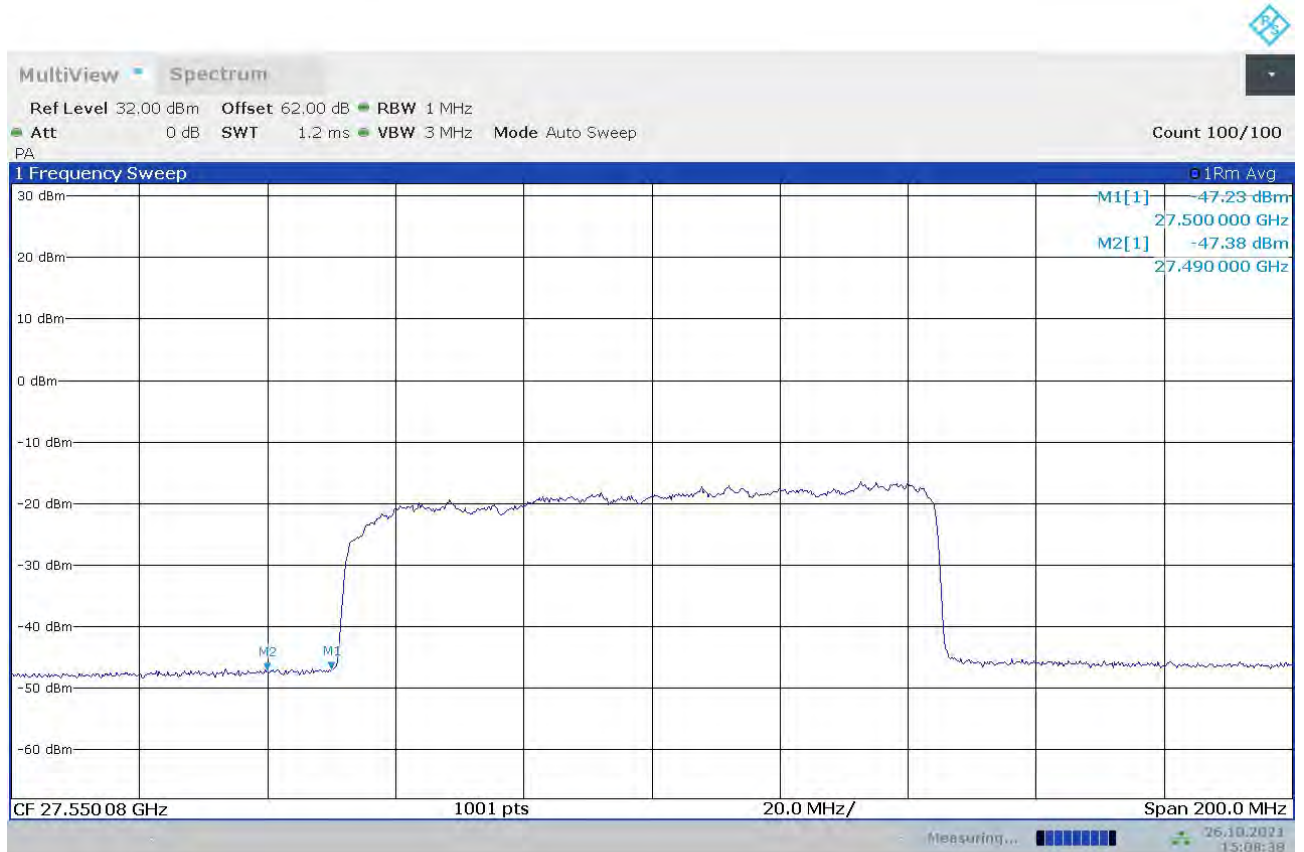
Module1, PUSCH DFT							
	BANDWIDTH	FREQUENCY (MHz)	CHANNEL	SCS	MODULATION	Peak (dBm)	Limit (dBm)
n261	50MHz	28324.92	HIGH	120kHz	QPSK	-38.11	-5
n261	50MHz	28324.92	HIGH	120kHz		-45.76	-13



14:51:27 26.10.2021

LOW BAND EDGE BLOCK-100MHz-100%RB

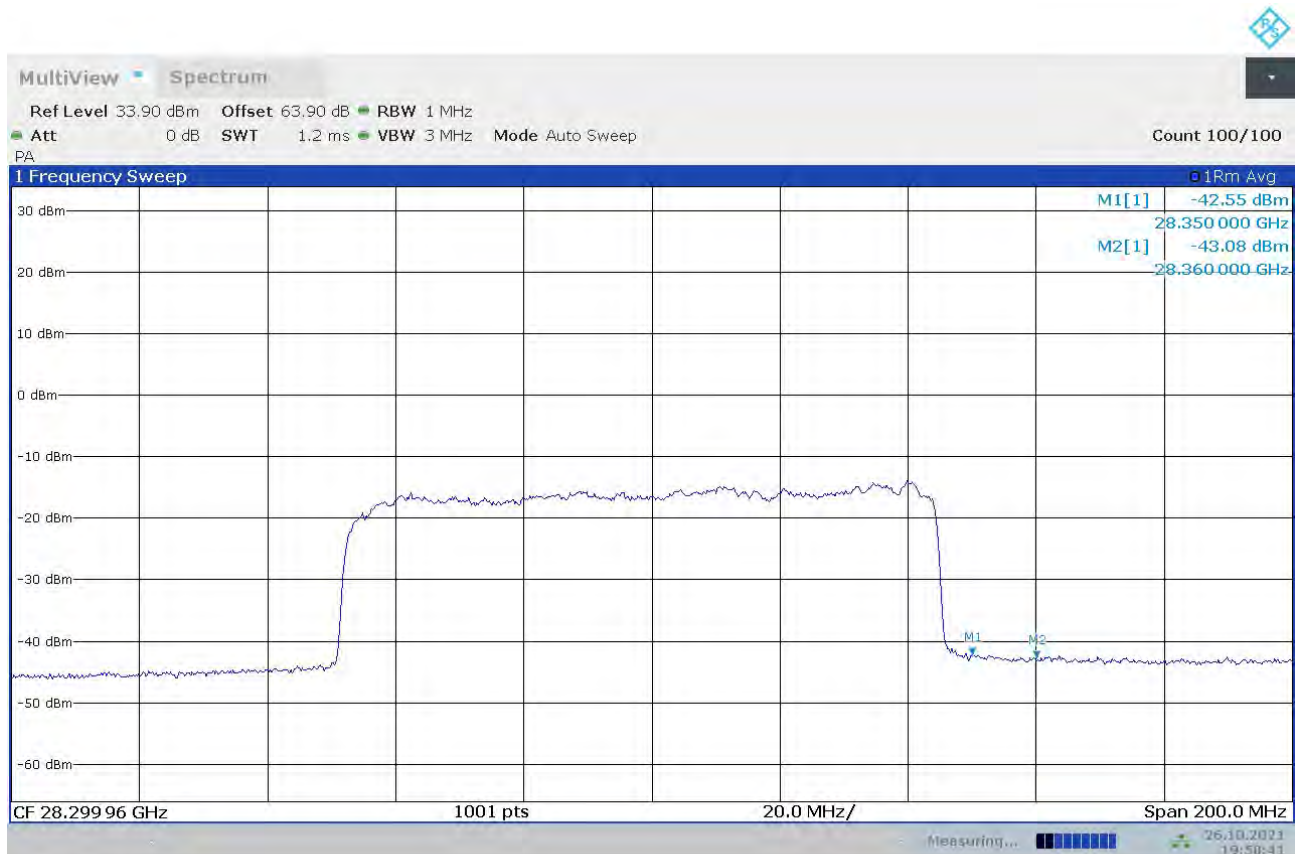
Module1, PUSCH DFT							
	BANDWIDTH	FREQUENCY (MHz)	CHANNEL	SCS	MODULATION	Peak (dBm)	Limit (dBm)
n261	100MHz	27550.08	LOW	120kHz	64QAM	-47.23	-5
n261	100MHz	27550.08	LOW	120kHz		-47.38	-13



15:08:38 26.10.2021

HIGH BAND EDGE BLOCK-100MHz-100%RB

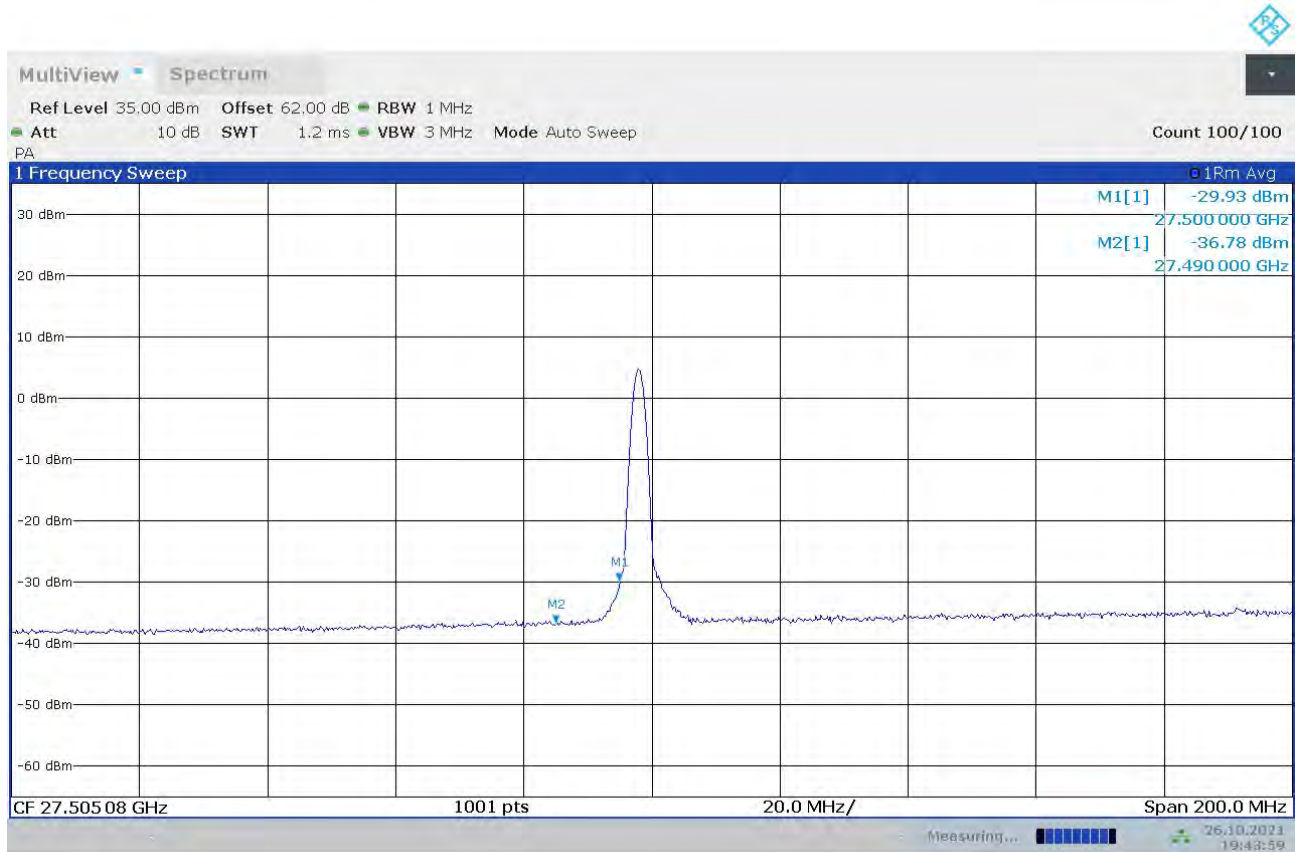
Module1, PUSCH DFT							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dBm)
n261	100MHz	28299.96	HIGH	120kHz	64QAM	-42.55	-5
n261	100MHz	28299.96	HIGH	120kHz		-43.08	-13



19:50:42 26.10.2021

LOW BAND EDGE BLOCK-100MHz-1RB

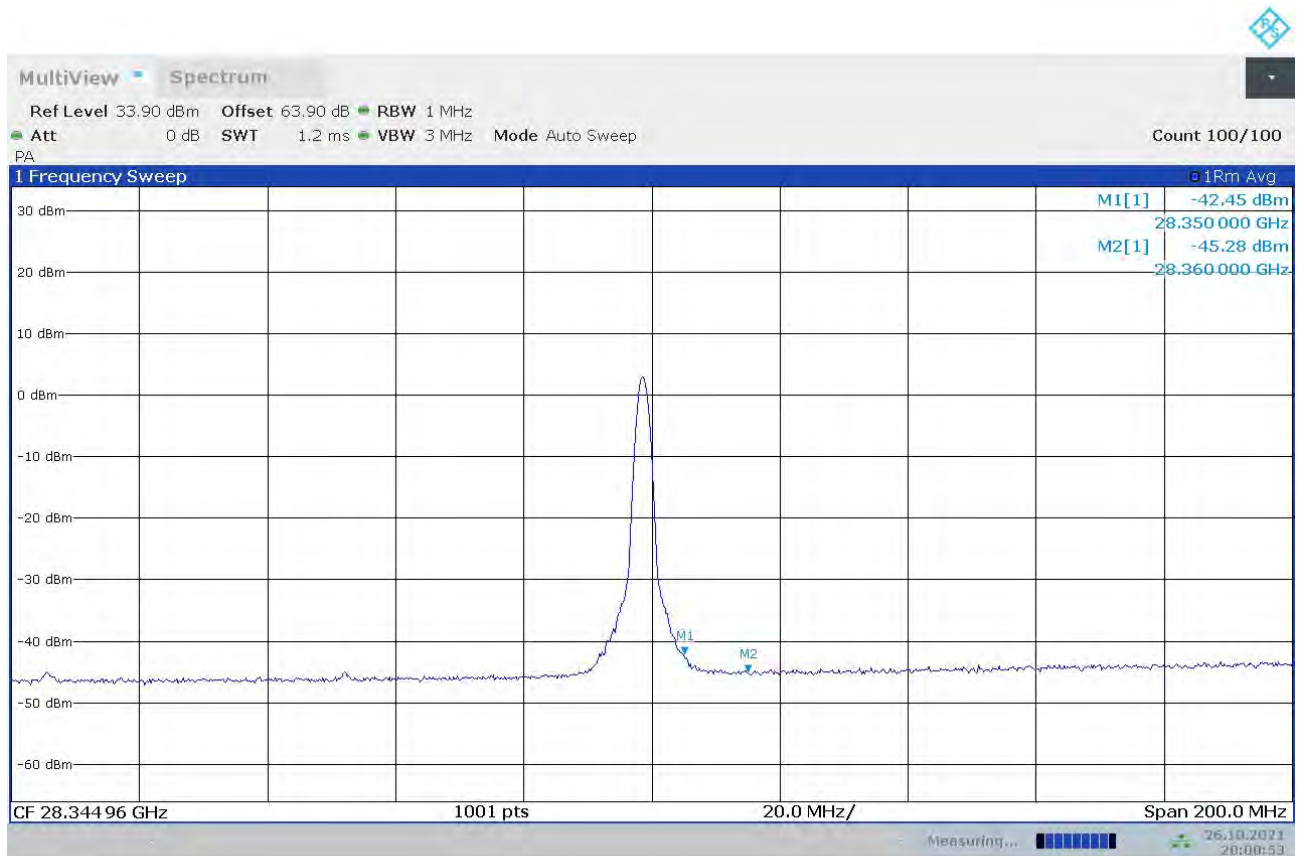
Module1, PUSCH DFT							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dBm)
n261	100MHz	27550.08	LOW	120kHz	QPSK	-29.93	-5
n261	100MHz	27550.08	LOW	120kHz		-36.78	-13



19:43:59 26.10.2021

HIGH BAND EDGE BLOCK-100MHz-1RB

Module1, PUSCH DFT							
	BANDWID TH	FREQUENC Y (MHz)	CHAN NEL	SCS	MODULATI ON	Peak (dBm)	Limit (dBm)
n261	100MHz	28299.96	HIGH	120kHz	QPSK	-42.45	-5
n261	100MHz	28299.96	HIGH	120kHz		-45.28	-13



20:00:53 26.10.2021

Annex B: Calibration Certificates List

Signal Generator	SMF100A	104940	R&S	2021-12-09	1 year
------------------	---------	--------	-----	------------	--------

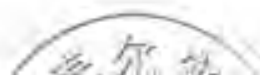


校准证

证书编号: J20X12055

客户名称	中国泰尔实验室
客户地址	北京市海淀区花园北路 52 号
器具名称	信号发生器
型号/规格	SMF100A
出厂编号	104940
制造单位	ROHDE&SCHWARZ 公司
校准日期	2020 年 12 月 10 日

所测数据符合该仪表说明书技术指标要求。



批准人: 周峰

Signal Generator	E8257D (60GHz)	MY59140557	Keysight	2022-01-19	1 year
------------------	----------------	------------	----------	------------	--------

No. RAG202101178

第 1 页 共 8 页
Page 1 This certificate include 8 Pages

北京无线电计量测试研究所

中国认可
校准
CALIBRATION
CNAS L1665

Beijing Institute of Radio Metrology and Measurement
中国航天科工集团第二研究院二〇三所
国防科技工业第二计量测试研究中心

校准证书

Certificate of Calibration

委托单位: 中国泰尔实验室
Customer

地址: 海淀区花园北路 52 号
Address

被测样品: 信号发生器
EUT/DUT

编号: MY59140557
No.

型号: E8257D
Type

制造商: 是德
Manufacturer

校准人:

接收日期: 2021 年 1 月 18 日
Acceptance date Year Month Day

核验人:

校准日期: 2021 年 1 月 20 日
Calibration date Year Month Day

批准人:

发证单位:
Issued by (stamp)

本实验室地址(Add): 北京市海淀区永定路 50 号
No.50 Yongding Road, Haidian District, Beijing

通信地址: 北京 142 信箱 408 分箱
P. O. Box: 3930, Beijing China

服务电话(Tel): 010-68385358

监督电话(Tel): 010-68387448

邮政编码(Post Code): 100854

传真(Fax): 86-10-68385470



Antenna	VULB 9163	483	SCHWARZBE CK	2021/8/27	1 year
---------	-----------	-----	-----------------	-----------	--------

中国计量科学研究院 

  中国认可
国家互认
校准
CALIBRATION
CNAS L6602

校准证书
Calibration Certificate

证书编号 XDtX2020-01130
Certificate No.

客户名称 Client	中国泰尔实验室
器具名称 Instrument	复合天线 Hybrid Antenna
型号/规格 Type/Model	VULB 9163
出厂编号 Serial No.	483
生产厂商 Manufacturer	SCHWARZBECK
联络信息 Contact Information	北京市海淀区花园北路 52 号
校准日期 Date of Calibration	2020-08-28
接收日期 Date of Receiving	2020-08-14

批准人: 新科

Approved by

发布日期: 2020 年 8 月 28 日
Date of Issue

地址: 中国北京北三环东路 18 号 Address: No.18 Bei San Huan Dong Lu, Beijing, P.R. China	邮编: 100029 Post Code
电话: +86-10-64525569/74 Tel	传真: +86-10-64271948 Fax
网址: http://www.nim.ac.cn Website	电子邮箱: kehufuwu@nim.ac.cn Email

第1页共8页
Page of

2019-jz-R0520

中国计量科学研究院

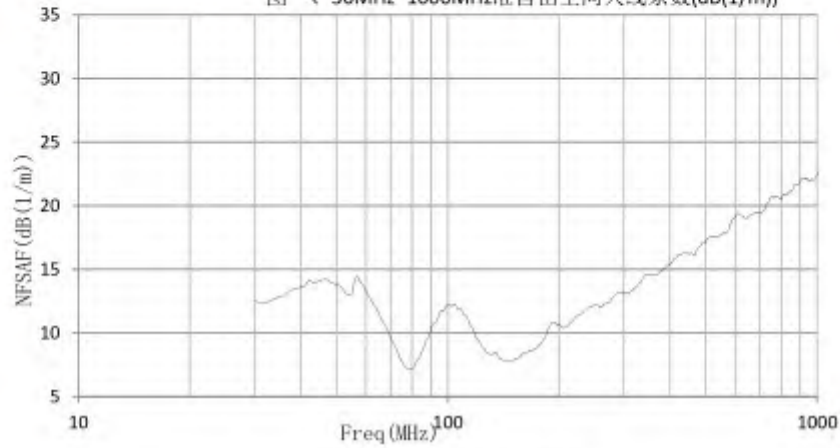


证书编号 XDTx2020-01130
Certificate No.

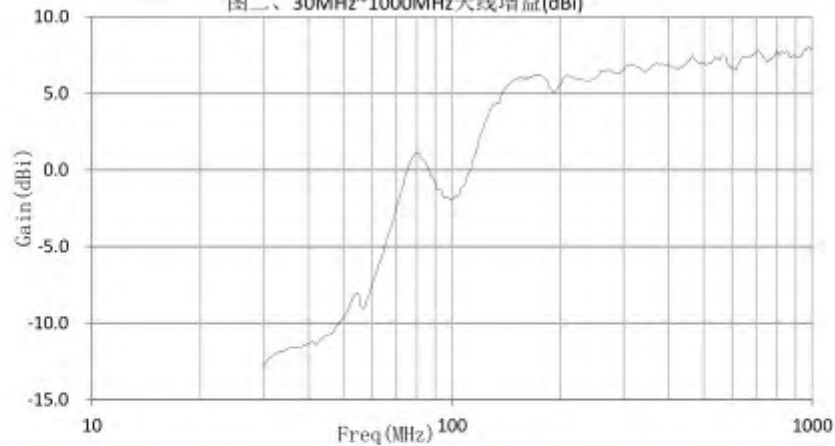
校准结果 Calibration Results

四、数据曲线 Data Curves

图一、30MHz~1000MHz准自由空间天线系数(dB(1/m))



图二、30MHz~1000MHz天线增益(dBi)



--以下空白--
-- Blank Below --

Antenna	3115	6914	ETS-Lindgren	2022/2/3	1 year
---------	------	------	--------------	----------	--------

中国计量科学研究院



中国认可
国际互认
校准
CALIBRATION
CNAS L6502

校准证书

Calibration Certificate

证书编号 XDt.x2021-10054
Certificate No.

客户名称
Client 中国泰尔实验室

器具名称
Instrument 喇叭天线

型号/规格
Type/Model 3115

出厂编号
Serial No. 6914

生产厂商
Manufacturer ETS

联络信息
Contact Information 北京市海淀区花园北路 52 号

校准日期
Date of Calibration 2021-02-03

接收日期
Date of Receiving 2021-01-21

批准人：
Approved by 郭冠涛

发布日期： 2021 年 02 月 03 日
Date of Issue



地址：中国北京北三环东路 18 号
Address: No.18 Bei San Huan Dong Lu, Beijing, P.R.China

电话：+86-10-64525569/74
Tel

网址：http://www.nim.ac.cn
Website

邮编：100029
Post Code

传真：+86-10-64271948
Fax

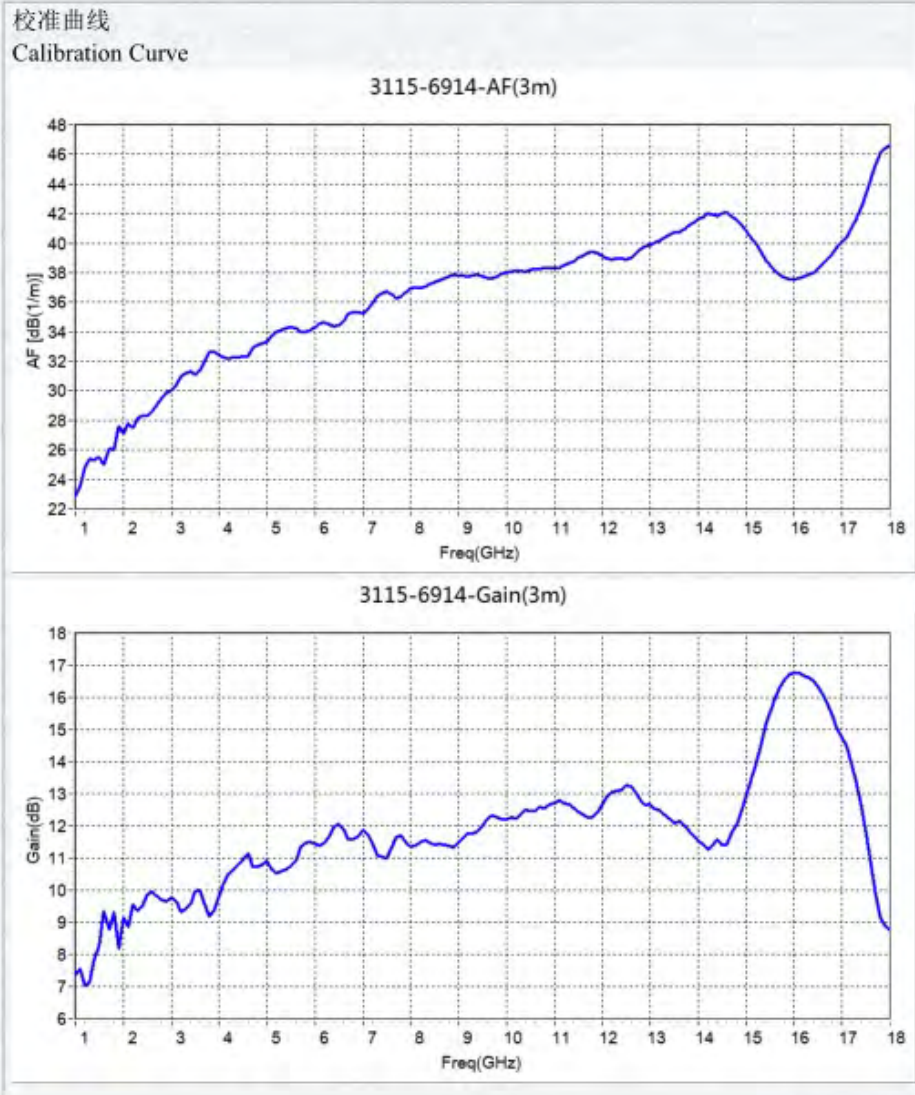
电子邮箱：kehufuwu@nim.ac.cn
Email

中国计量科学研究院



证书编号 XDTx2021-10054
Certificate No.

校准结果 Calibration Results



2019-jz-R0520

第6页共7页
Page of

Upconverter(50GHz-75GHz)	SMZ-75	101309	R&S	2022-01-14	1 year
--------------------------	--------	--------	-----	------------	--------

中国计量科学研究院



中国认可
国际互认
校准
CALIBRATION
CNAS L0502

校准证书

证书编号 XDxh2021-10059

客户名称 中国泰尔实验室

器具名称 SMZ75 倍频源

型号/规格 SMZ75

出厂编号 101309

生产厂商 Rohde & Schwarz

联络信息 北京市海淀区花园北路 52 号

校准日期 2021-01-15

接收日期 2021-01-08

批准人: 何昭



发布日期: 2021 年 03 月 16 日

地址: 北京北三环东路 18 号

邮编: 100029

电话: 010-64525569/74

传真: 010-64271948

网址: <http://www.nim.ac.cn>

电子邮箱: kehufuwu@nim.ac.cn

2019-jz-R0520

第1页共4页

Upconverter(75GHz-110GHz)	SMZ-110	101357	R&S	2022-01-14	1 year
---------------------------	---------	--------	-----	------------	--------

中国计量科学研究院



中国认可
国际互认
校准
CALIBRATION
CNAS L0502

校准证书

证书编号 XDxh2021-10060

客户名称 中国泰尔实验室

器具名称 SMZ110 倍频源

型号/规格 SMZ110

出厂编号 101357

生产厂商 Rohde & Schwarz

联络信息 北京市海淀区花园北路 52 号

校准日期 2021-01-15

接收日期 2021-01-08

批准人:



发布日期: 2021 年 03 月 16 日

地址: 北京北三环东路 18 号

邮编: 100029

电话: 010-64525569/74

传真: 010-64271948

网址: <http://www.nim.ac.cn>

电子邮箱: kehufuwu@nim.ac.cn

2019-jz-R0520

第1页共4页

Upconverter(110GHz-170GHz)/	82406B	ZEI00141	Ceyear	2022-02-04	1 year
-----------------------------	--------	----------	--------	------------	--------

中国计量科学研究院



中国认可
国际互认
校准
CALIBRATION
CNAS L0502

校准证书

证书编号 XDgp2021-10237

客户名称 中国泰尔实验室

器具名称 信号源倍频器

型号/规格 82406B

出厂编号 ZEI00141

生产厂商 中电科仪器仪表有限公司

联络信息 北京市海淀区花园北路 52 号

校准日期 2021 年 02 月 05 日

接收日期 2021 年 01 月 08 日

批准人: 赵科佳



发布日期: 2021 年 02 月 08 日

地址: 北京北三环东路 18 号

邮编: 100029

电话: 010-64525569/74

传真: 010-64271948

网址: <http://www.nim.ac.cn>

电子邮箱: kehufuwu@nim.ac.cn

2019-jz-R0520

第1页共6页

Upconverter(170GHz-220GHz)/	82406C	ZEI00164	Ceyear	2022-02-04	1 year
-----------------------------	--------	----------	--------	------------	--------

中国计量科学研究院



中国认可
国际互认
校准
CALIBRATION
CNAS L0502

校准证书

证书编号 XDgp2021-10238

客户名称 中国泰尔实验室

器具名称 信号源倍频器

型号/规格 82406C

出厂编号 ZEI00164

生产厂商 中电科仪器仪表有限公司

联络信息 北京市海淀区花园北路 52 号

校准日期 2021 年 02 月 05 日

接收日期 2021 年 01 月 08 日

批准人: 赵科佳



发布日期: 2021 年 02 月 08 日

地址: 北京北三环东路 18 号

邮编: 100029

电话: 010-64525569/74

传真: 010-64271948

网址: <http://www.nim.ac.cn>

电子邮箱: kehufuwu@nim.ac.cn

2019-jz-R0520

第1页共5页

Spectrum Analyzer	FSW67	103290	R&S	2022-02-04	1 year
-------------------	-------	--------	-----	------------	--------

No. RSA202101150

第 1 页 共 11 页
Page 1 This certificate include 11 Pages

北京无线电计量测试研究所

Beijing Institute of Radio Metrology and Measurement

中国航天科工集团第二研究院二〇三所

国防科技工业第二计量测试研究中心

中国认可
校准

校准证书

CALIBRATION Certificate of Calibration
CNAS L1665委托单位: 中国泰尔实验室
Customer地址: 海淀区花园北路 52 号
Address被测样品: 频谱分析仪
EUT/DUT编号: 103290
No.型号: FSW67
Type制造商: R/S
Manufacturer校准人: 武平
Operator接收日期: 2021 年 1 月 18 日
Acceptance date Year Month Day核验人: 吴远任
Inspector校准日期: 2021 年 1 月 20 日
Calibration date Year Month Day批准人: 陈云梅
Approver发证单位:
Issued by (stamp)本实验室地址(Add): 北京市海淀区永定路 50 号
No.50 Yongding Road : Haidian District ,Beijing通信地址: 北京 142 信箱 408 分箱
P. O. Box: 3930 ,Beijing China

服务电话(Tel): 010-68385358

监督电话(Tel): 010-68387448

邮政编码(Post Code): 100854

传真(Fax): 86-10-68385470



(downconverter)Harmonic Mixer(60GHz-90GHz)	FS-Z90	101655	R&S	2022-02-04	1 year
--	--------	--------	-----	------------	--------

中国计量科学研究院 校准证书



证书编号 XDxh2021-10057

客户名称 中国泰尔实验室

器具名称 FS-Z90 混频器

型号/规格 FS-Z90

出厂编号 101655

生产厂商 Rohde & Schwarz

联络信息 北京市海淀区花园北路 52 号

校准日期 2021-01-15

接收日期 2021-01-08

批准人: 何昭



发布日期: 2021 年 01 月 20 日

地址: 北京北三环东路 18 号

邮编: 100029

电话: 010-64525569/74

传真: 010-64271948

网址: <http://www.nim.ac.cn>

电子邮箱: kehufuwu@nim.ac.cn

2019-jz-R0520

第1页共4页

(downconverter)Harmonic Mixer(75GHz-110GHz)	FS-Z110	101463	R&S	2022-01-19	1 year
---	---------	--------	-----	------------	--------

中国计量科学研究院
校准证书



证书编号 XDxh2021-10058

客户名称 中国泰尔实验室
器具名称 FS-Z110 混频器
型号/规格 FS-Z110
出厂编号 101463
生产厂商 Rohde & Schwarz
联络信息 北京市海淀区花园北路 52 号
校准日期 2021-01-15
接收日期 2021-01-08

批准人:



发布日期: 2021 年 01 月 20 日

地址: 北京北三环东路 18 号

邮编: 100029

电话: 010-64525569/74

传真: 010-64271948

网址: <http://www.nim.ac.cn>

电子邮箱: kehufuwu@nim.ac.cn

2019-jz-R0520

第1页共4页

(downconverter)Harmonic Mixer(110GHz-170GHz)/	FS-Z170	101008	R&S	2022-02-17	1 year
---	---------	--------	-----	------------	--------



Radiometer Physics
A Rohde & Schwarz Company

Calibration Certificate

Certificate Number **24-0170-101008-01**

Kalibrierschein

Zertifikatsnummer

Unit Data

Item Harmonic Mixer, 110 GHz to 170 GHz
Gegenstand

Manufacturer RPG Radiometer-Physics GmbH
Hersteller

Type RPG FS-Z170
Typ

Material Number 3622.0714.02 **Serial Number** 101008
Materialnummer Seriennummer

Asset Number
Inventarnummer

This calibration certificate documents, that the named item is tested and measured against defined specifications. Measurement results are located usually in the corresponding interval with a probability of approx. 95% (coverage factor $k = 2$). Calibration is performed with test equipment and standards directly or indirectly traceable by means of approved calibration techniques to the PTB/DKD or other national/international standards, which realize the physical units of measurement according to the International System of Units (SI). In all cases where no standards are available, measurements are referenced to standards of the R&S laboratories. Principles and methods of calibration correspond with IEN ISO/IEC 17025. This calibration certificate may not be reproduced other than in full. Calibration certificates without signatures are not valid. The user is obliged to have the object recalibrated at appropriate intervals.

Order Data

Customer
Auftraggeber

Order Number
Bestellnummer

Date of Receipt
Eingangdatum

Performance

Place and Date of Calibration
Ort und Datum der Kalibrierung

Scope of Calibration
Umfang der Kalibrierung

Statement of Compliance (Incoming)
Konformitätsaussage (Anlieferung)

Statement of Compliance (Outgoing)
Konformitätsaussage (Auslieferung)

Extend of Calibration Documents
Umfang des Kalibrierdokuments

Meckenheim, 2021-02-18

Standard Calibration

New device

All measured values are within the data sheet specifications.

2 pages Calibration Certificate
4 pages Outgoing Results

Dieser Kalibrierschein dokumentiert, dass der genannte Gegenstand nach festgelegter Vorgabe geprüft und gemessen wurde. Die Messwerte liegen im Regelfall mit einer Wahrscheinlichkeit von annähernd 95% im zugewiesenen Wertebereich (Erweiterte Messunsicherheit mit $k = 2$). Die Kalibrierung erfolgt mit Messmitteln und Normale, die direkt oder indirekt durch Ableitung mittels anerkannter Kalibrierketten rückgeführt sind auf Normale der PTB/DKD oder anderer nationaler/internationaler Standards zur Herstellung der physikalischen Einheiten im Übereinstimmung mit dem internationalen Einheitensystem (SI). Wenn keine Normale existieren, erfolgt die Rückführung auf Bezugsnormale der R&S-Laboratorien. Grundsätze und Verfahren der Kalibrierung beruhen sich auf EN ISO/IEC 17025. Dieses Kalibrierschein darf nur vollständig und unverändert weiterverträgt werden. Kalibrierscheine ohne Unterschriften sind ungültig. Für die Einhaltung dieser Bestimmungen ist der Wiederholung der Kalibrierung ist der Benutzer verantwortlich.

RPG Radiometer-Physics GmbH; Meckenheim

Date of Issue
Ausstellungsdatum

2021-02-22

Head of Laboratory
Laborleitung

Schulze

Person Responsible
Bearbeiter

Heinze

Page (Seite) 1/2
Ver2010-05-05
RPG2014-02-28

(downconverter)Harmonic Mixer(170GHz-220GHz)/	FS-Z220	101054	R&S	2021-12-14	1 year
---	---------	--------	-----	------------	--------



Calibration Certificate

Kalibrierschein

Certificate Number **24-0220-101054-01**
Zertifikatsnummer

Unit Data

Item Gegenstand: **Harmonic Mixer, 140 GHz to 220 GHz**
Manufacturer Hersteller: **RPG Radiometer-Physics GmbH**
Type Typ: **RPG FS-Z220**
Material Number Materialnummer: **3593.3250.02** **Serial Number** Seriennummer: **101054**
Asset Number Inventarnummer:

This calibration certificate documents, that the named item is tested and measured against defined specifications. Measurement results are located usually in the corresponding interval with a probability of approx. 95% (coverage factor $k = 2$). Calibration is performed with test equipment and standards directly or indirectly traceable by means of approved calibration techniques to the PTB/DKD or other national/international standards, which realize the physical units of measurement according to the international System of Units (SI). In all cases where no standards are available, measurements are referenced to standards of the R&S laboratories. Principles and methods of calibration correspond with EN ISO/IEC 17025. This calibration certificate may not be reproduced other than in full. Calibration certificates without signatures are not valid. The user is obliged to have the object recalibrated at appropriate intervals.

Order Data

Customer Auftraggeber:

Order Number Bestellnummer:

Date of Receipt Eingangsdatum:

Performance

Place and Date of Calibration Ort und Datum der Kalibrierung:

Scope of Calibration Umfang der Kalibrierung:

Statement of Compliance (Incoming) Konformitätsaussage (Anlieferung):

Statement of Compliance (Outgoing) Konformitätsaussage (Auslieferung):

Extend of Calibration Documents Umfang des Kalibrierdokuments:

Meckenheim, 2020-12-15

Standard Calibration

New device

All measured values are within the data sheet specifications.

2 pages Calibration Certificate
4 pages Outgoing Results

Dieser Kalibrierschein dokumentiert, dass der genannte Gegenstand nach festgelegten Vorgaben geprüft und gemessen wurde. Die Messwerte lagen im Regelfall mit einer Wahrscheinlichkeit von annähernd 95% im zugeordneten Wertebereich (Erweiterte Messunsicherheit mit $k = 2$). Die Kalibrierung erfolgte mit Messmitteln und Normale, die direkt oder indirekt durch Ableitung mittels anerkannter Kalibrierverfahren rückgeführt sind auf Normale der PTB/DKD oder anderer nationaler/internationaler Standards zur Darstellung der physikalischen Einheiten in Übereinstimmung mit dem internationalen Einheitensystem (SI). Wenn keine Normale existieren, erfolgt die Rückführung auf Bezugsnormale der R&S-Laboratorien. Grundsätze und Verfahren der Kalibrierung beziehen sich auf EN ISO/IEC 17025. Dieser Kalibrierschein darf nur vollständig und unverändert weiterverbreitet werden. Kalibrierscheine ohne Unterschriften sind ungültig. Für die Einhaltung einer angemessenen Frist zur Wiederholung der Kalibrierung ist der Benutzer verantwortlich.

RPG Radiometer-Physics GmbH; Meckenheim

Date of Issue Ausstellungsdatum:

2020-12-17

Head of Laboratory Laborleitung:

Schulze

Person Responsible Bearbeiter:

Dick

Page (Seite) 1/2
Verz2010-05-05
RPG2014-02-28