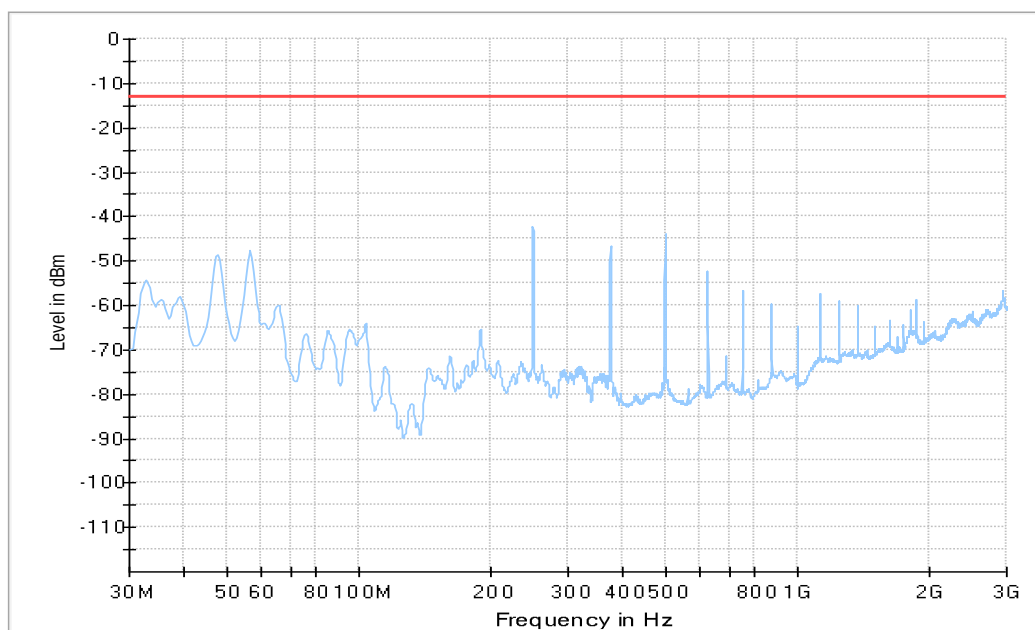
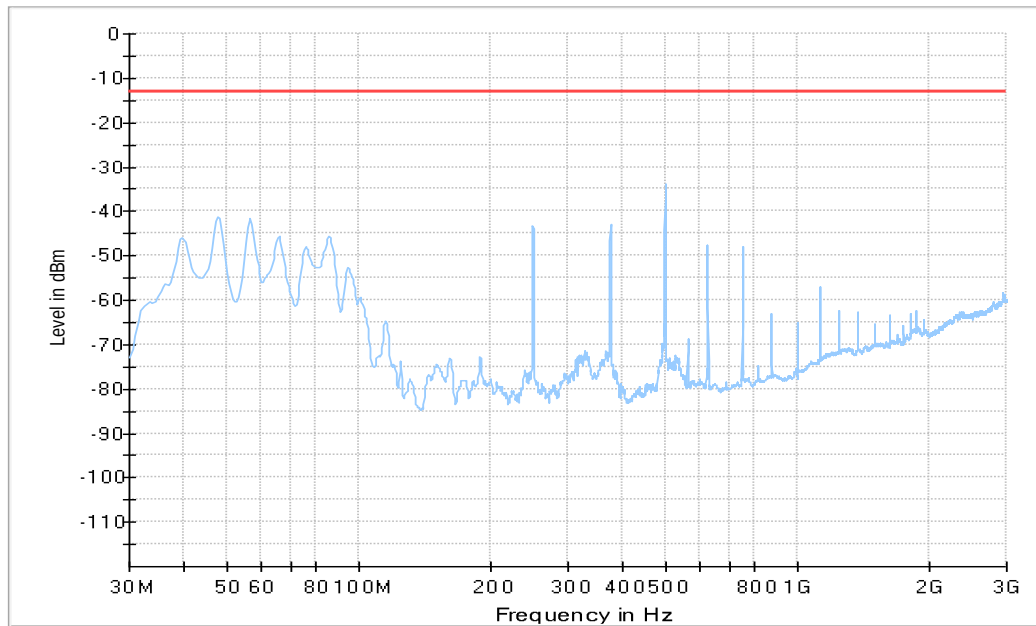


Channel	Freq.	BW	CCs	Modulation	RB	Avg EIRP	Antenna Gain	Conduct EIRP	Conduct EIRP Limit	Margin	Pol.
	(MHz)	(MHz)				(dBm)	(dBi)	(dBm)	(dBm)	(dB)	
middle	26,027.59	100	4	64QAM	2640	-21.94	22	-43.94	-13	30.94	H
middle	26,976.59	100	4	64QAM	2640	-19.51	22	-41.51	-13	28.51	H
middle	27,383.71	100	4	64QAM	2640	-9.06	22	-31.06	-13	18.06	H
middle	27,486.20	100	4	64QAM	2640	-3.02	22	-25.02	-13	12.02	H
middle	28,360.48	100	4	64QAM	2640	-5.47	22	-27.47	-13	14.47	H
middle	28,415.47	100	4	64QAM	2640	-8.09	22	-30.09	-13	17.09	H

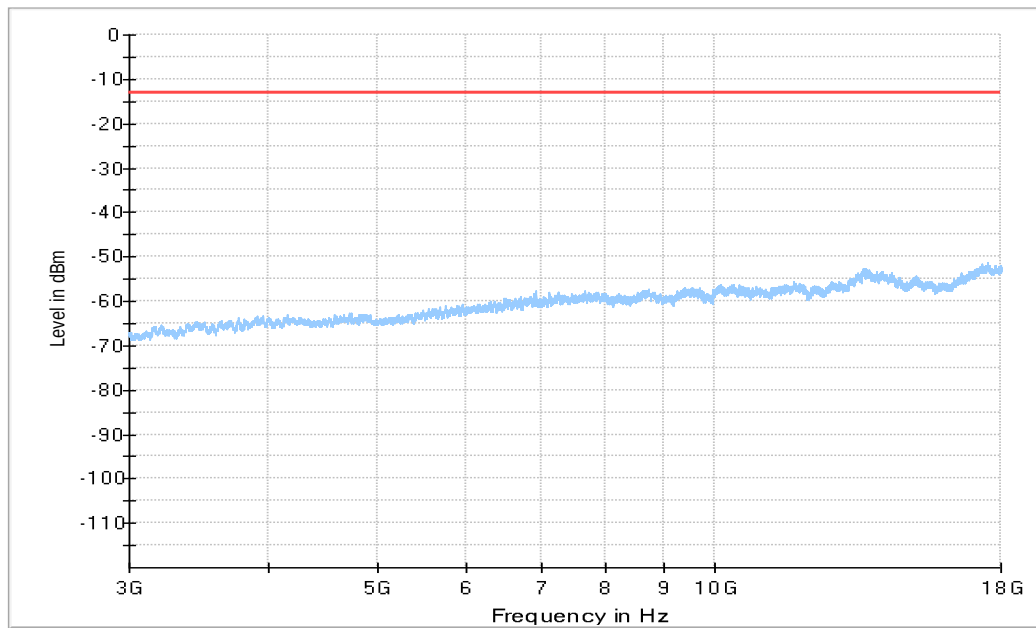
Channel	Freq.	BW	CCs	Modulation	RB	Avg EIRP	Antenna Gain	Conduct EIRP	Conduct EIRP Limit	Margin	Pol.
	(MHz)	(MHz)				(dBm)	(dBi)	(dBm)	(dBm)	(dB)	
middle	26,249.66	100	4	QPSK	2640	-8.75	22	-30.75	-13	17.75	V
middle	26,808.14	100	4	QPSK	2640	-9.03	22	-31.03	-13	18.03	V
middle	27,366.63	100	4	QPSK	2640	-4.75	22	-26.75	-13	13.75	V
middle	27,489.53	100	4	QPSK	2640	-3.47	22	-25.47	-13	12.47	V
middle	28,360.48	100	4	QPSK	2640	-2.38	22	-24.38	-13	11.38	V
middle	28,483.48	100	4	QPSK	2640	-5.22	22	-27.22	-13	14.22	V



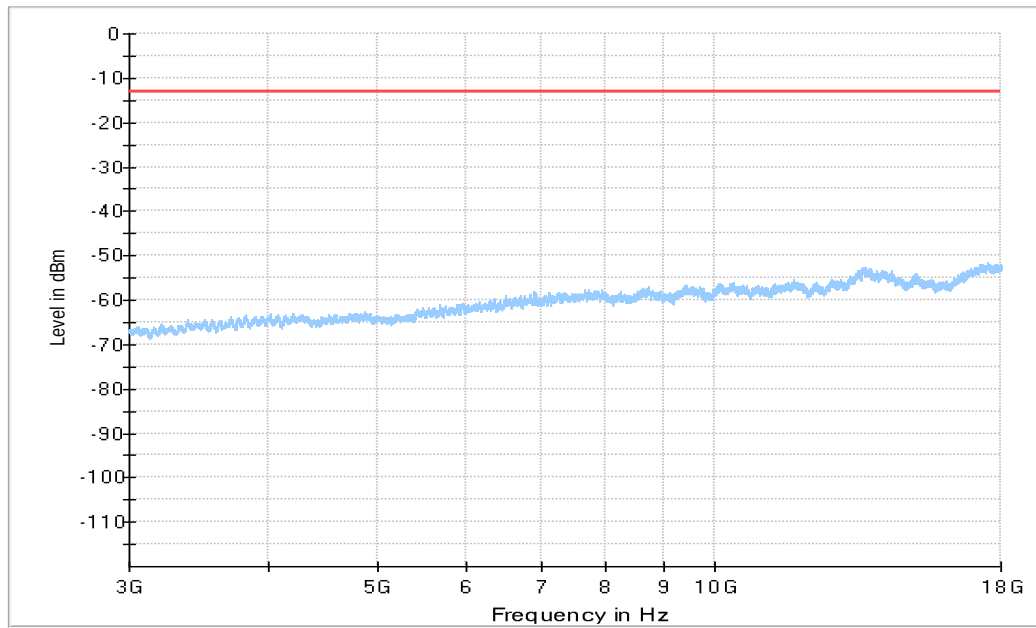
n261, Module0, 100MHz, 4CC, 64QAM, FULL RB, Middle channel, 30MHz-1GHz, H



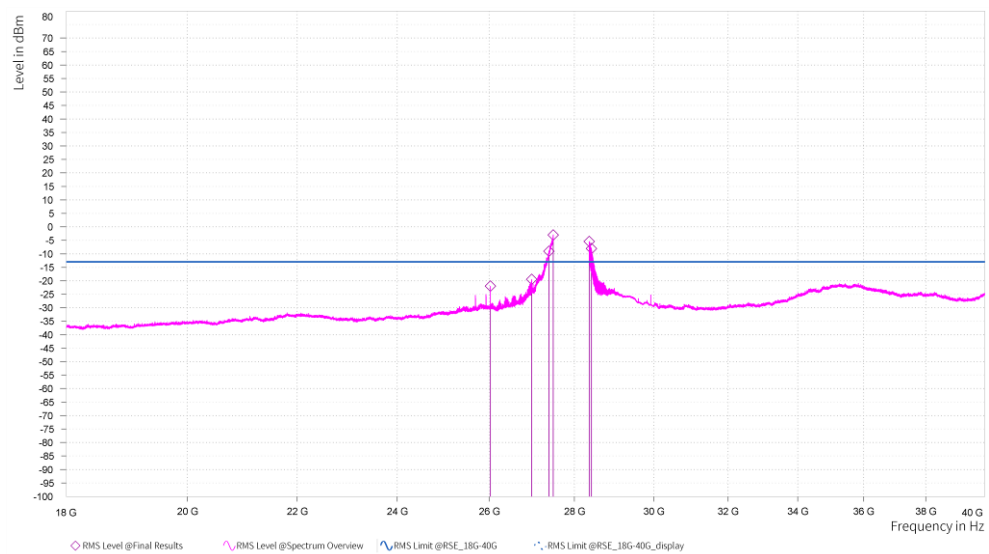
n261, Module0, 100MHz, 4CC, QPSK, FULL RB, Middle channel, 30MHz-1GHz, V



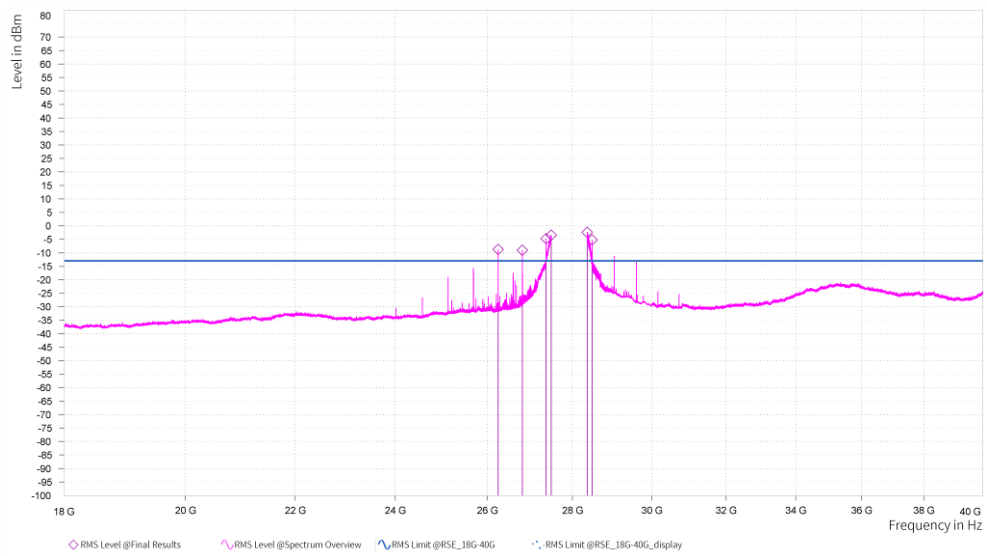
n261, Module0, 100MHz, 4CC, 64QAN, FULL RB, Middle channel, 1GHz-18GHz, H



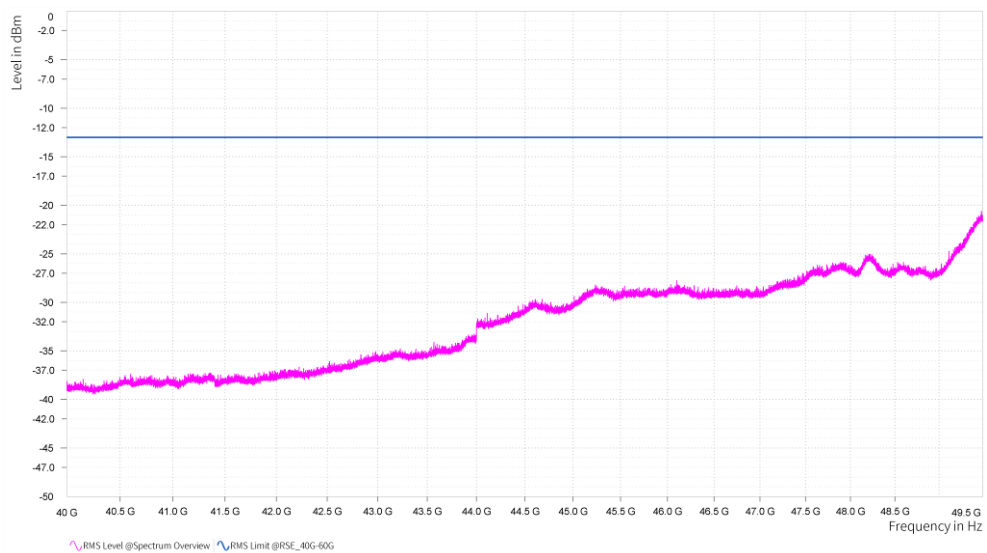
n261, Module0, 100MHz, 4CC, QPSK, FULL RB, Middle channel, 1GHz-18GHz, V



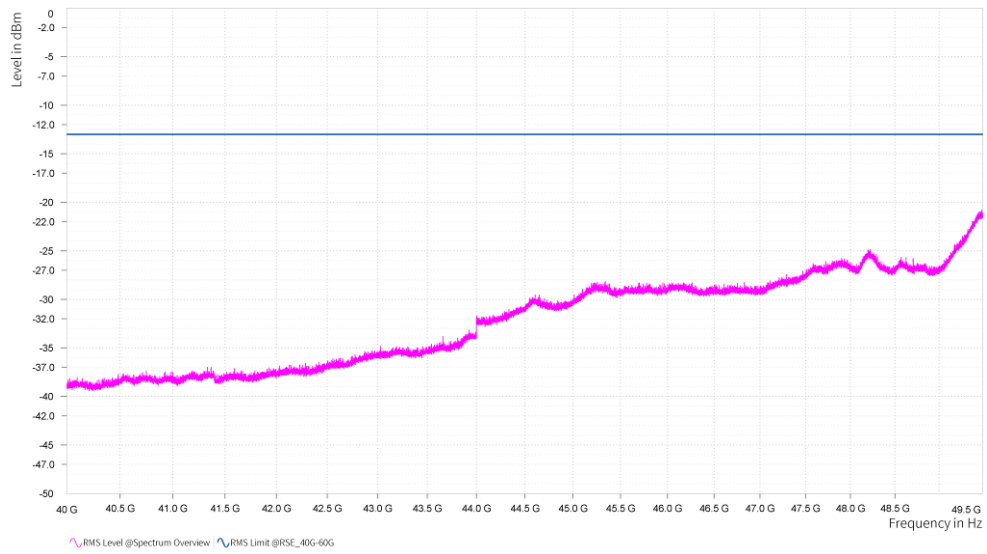
n261, Module0, 100MHz, 4CC, 64QAM, FULL RB, Middle channel, 18GHz-40GHz, H



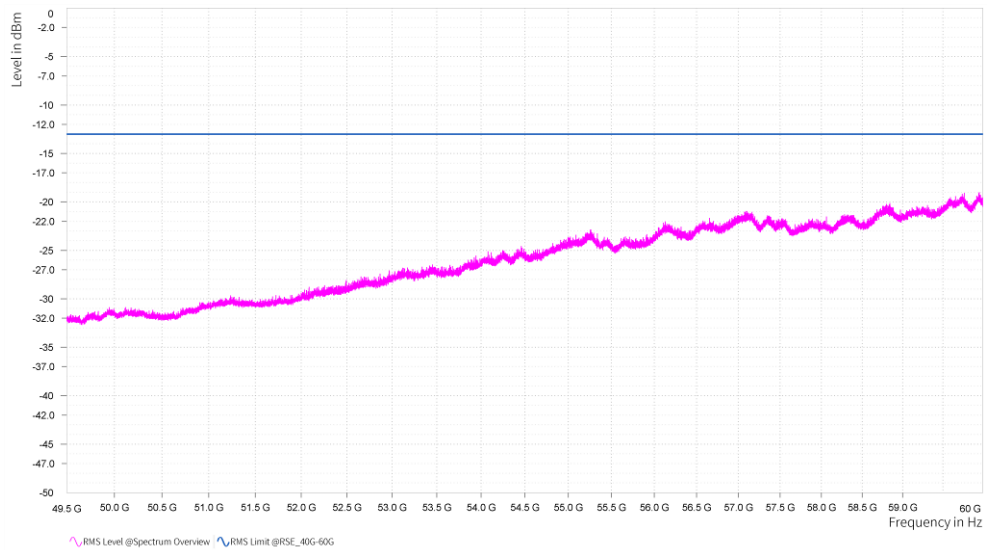
n261, Module0, 100MHz, 4CC, QPSK, FULL RB, Middle channel, 18GHz-40GHz, V



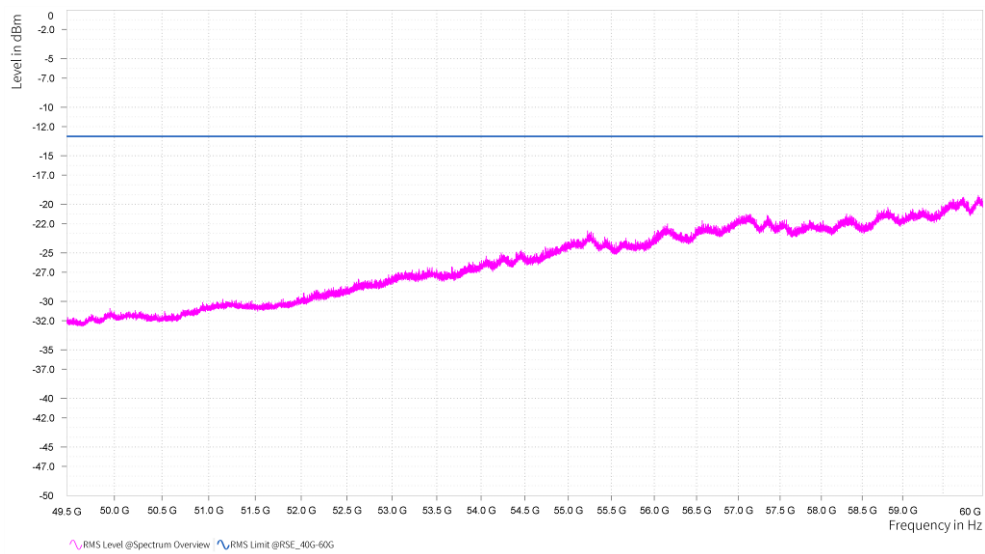
n261, Module0, 100MHz, 4CC, 64QAM, FULL RB, Middle channel, 40GHz-49.5GHz, H



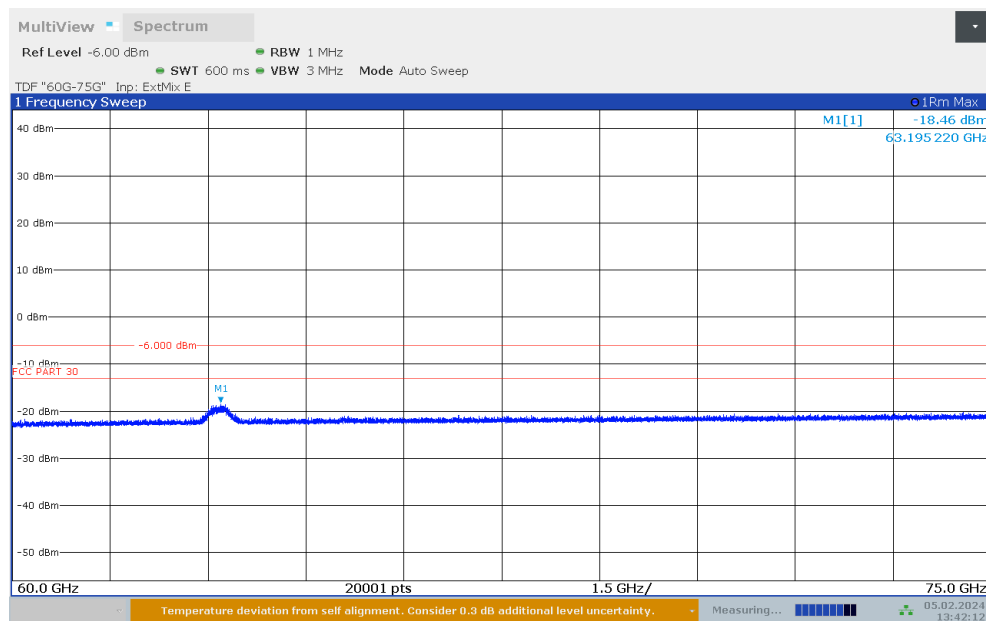
n261, Module0, 100MHz, 4CC, QPSK, FULL RB, Middle channel, 40GHz-49.5GHz, V



n261, Module0, 100MHz, 4CC, 64QAM, FULL RB, Middle channel, 49.5GHz-60GHz, H

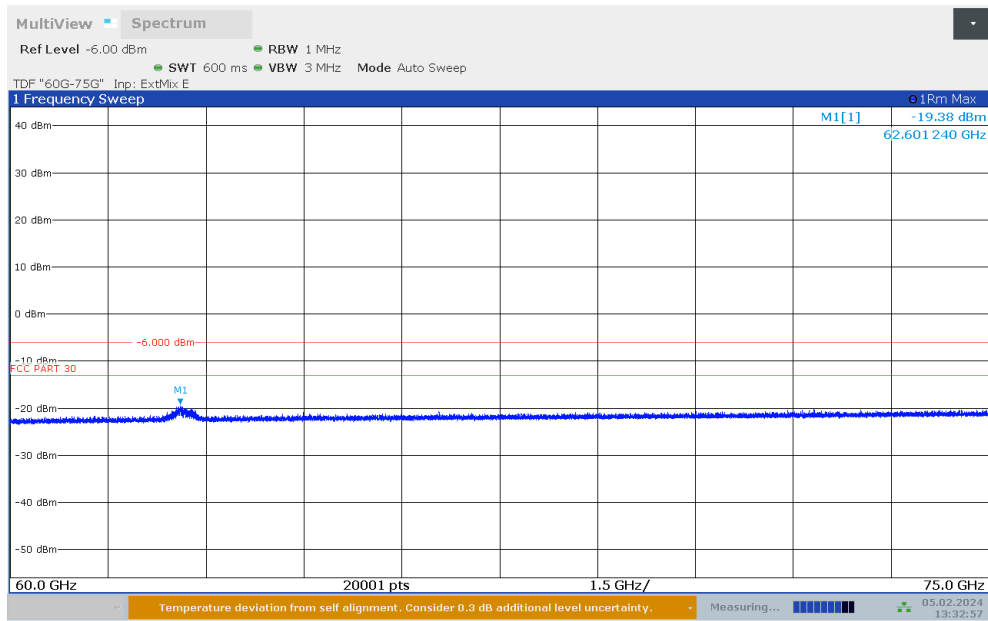


n261, Module0, 100MHz, 4CC, QPSK, FULL RB, Middle channel, 49.5GHz-60GHz, V



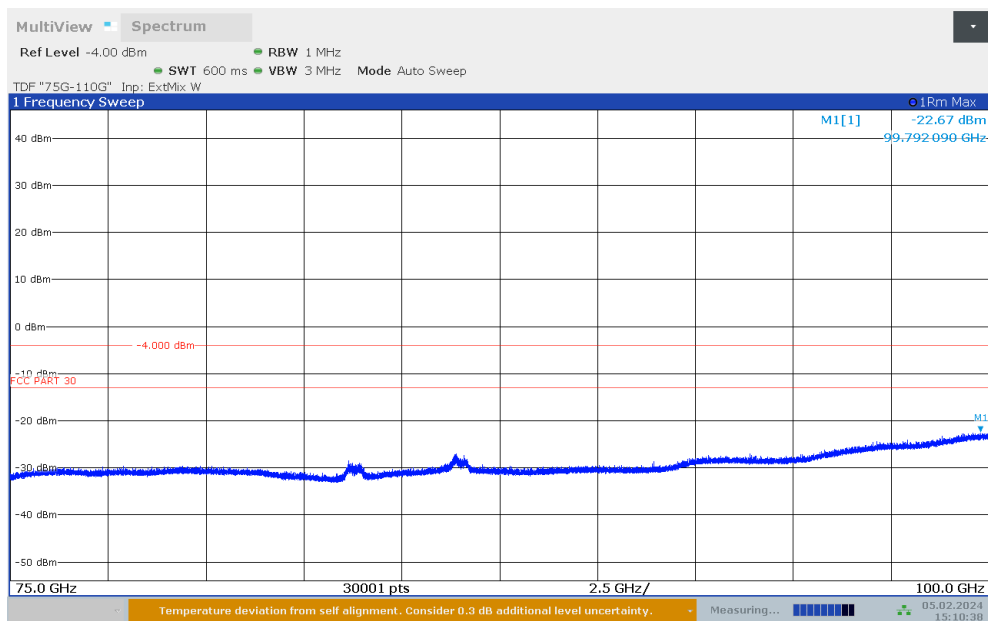
13:42:12 05.02.2024

n261, Module0, 100MHz, 4CC, 64QAM, FULL RB, Middle channel, 60GHz-75GHz, H



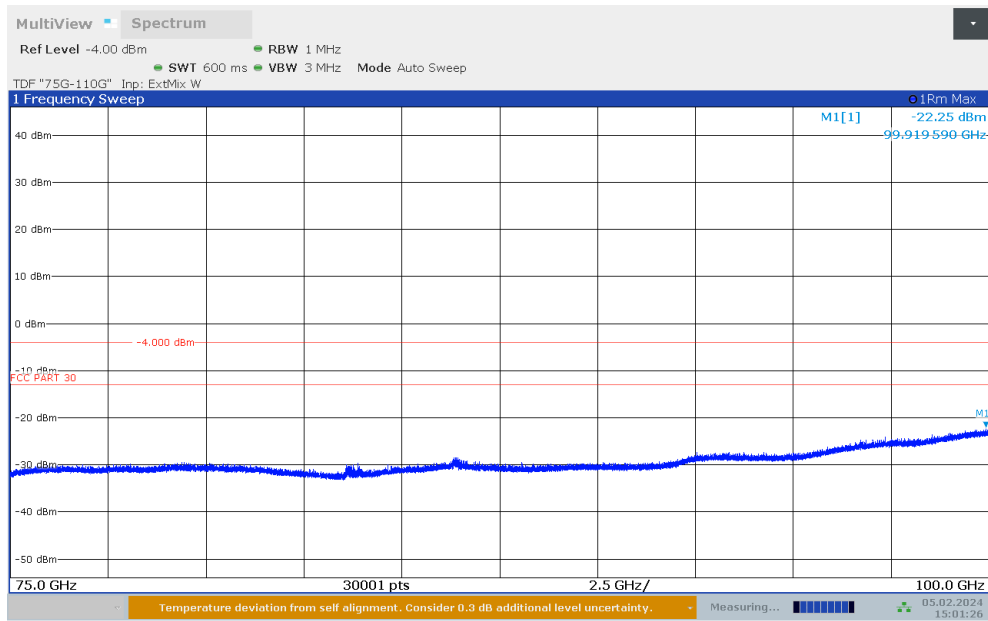
13:32:58 05.02.2024

n261, Module0, 100MHz, 4CC, QPSK, FULL RB, Middle channel, 60GHz-75GHz, V



15:10:39 05.02.2024

n261, Module0, 100MHz, 4CC, 64QAM, FULL RB, Middle channel, 75GHz-100GHz, H

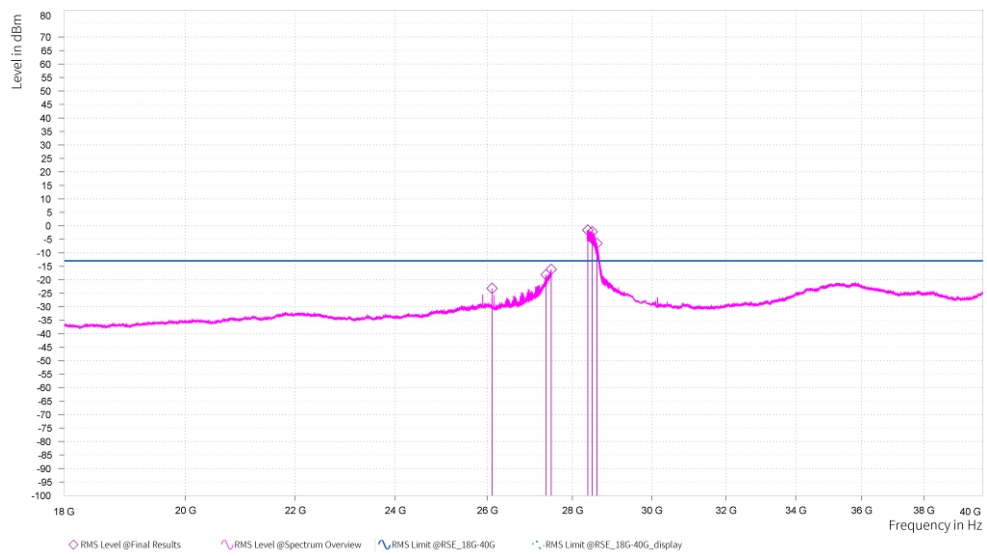


15:01:27 05.02.2024

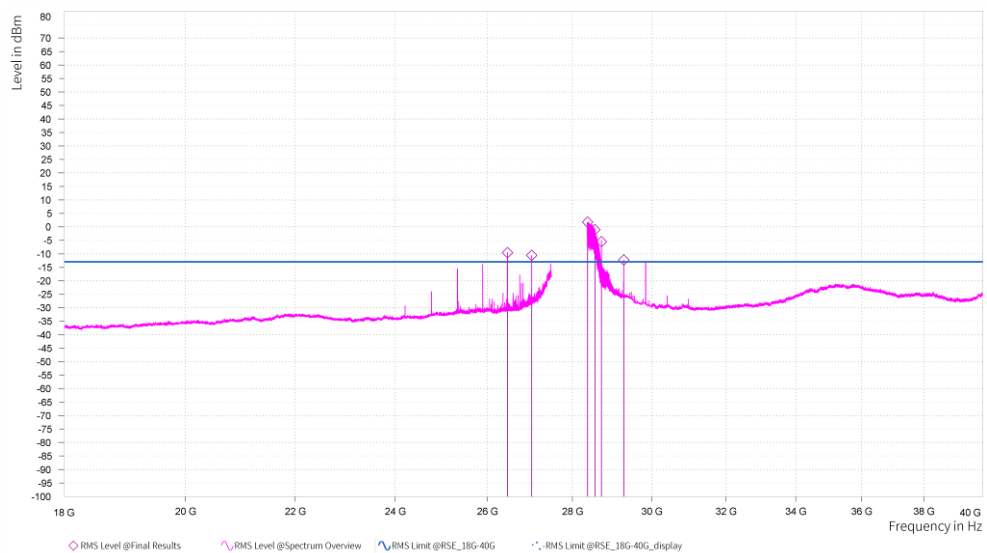
n261, Module0, 100MHz, 4CC, QPSK, FULL RB, Middle channel, 75GHz-100GHz, V

Channel	Freq.	BW	CCs	Modulation	RB	Avg EIRP	Antenna Gain	Conduct EIRP	Conduct EIRP Limit	Margin	Pol.
	(MHz)	(MHz)				(dBm)	(dBi)	(dBm)	(dBm)	(dB)	
high	26,108.73	100	4	64QAM	2640	-23.16	22	-45.16	-13	32.16	H
high	27,367.58	100	4	64QAM	2640	-18.12	22	-40.12	-13	27.12	H
high	27,486.20	100	4	64QAM	2640	-16.15	22	-38.15	-13	25.15	H
high	28,377.85	100	4	64QAM	2640	-1.57	22	-23.57	-13	10.57	H
high	28,488.79	100	4	64QAM	2640	-2.2	22	-24.2	-13	11.2	H
high	28,602.14	100	4	64QAM	2640	-6.47	22	-28.47	-13	15.47	H

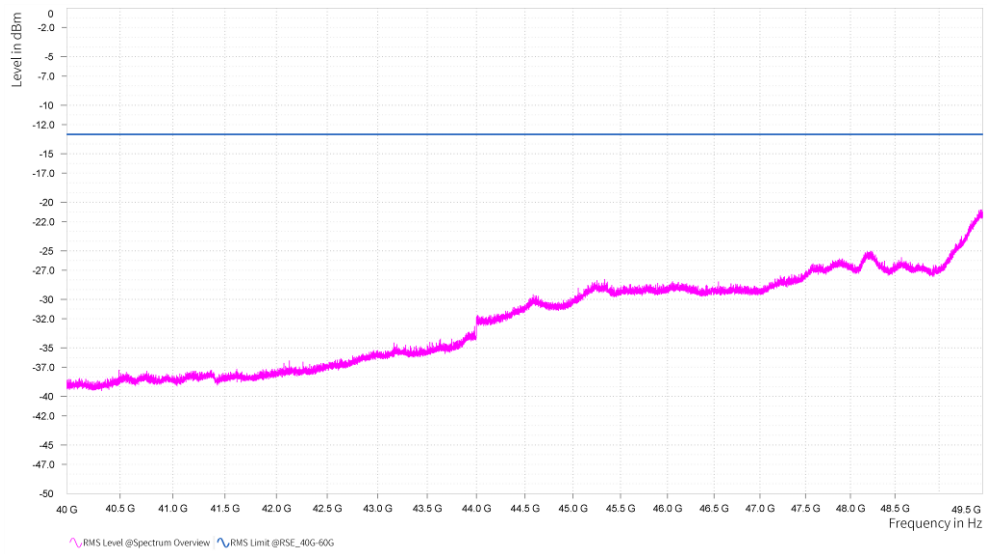
Channel	Freq.	BW	CCs	Modulation	RB	Avg EIRP	Antenna Gain	Conduct EIRP	Conduct EIRP Limit	Margin	Pol.
	(MHz)	(MHz)				(dBm)	(dBi)	(dBm)	(dBm)	(dB)	
high	26,461.28	100	4	QPSK	2640	-9.55	22	-31.55	-13	18.55	V
high	27,024.04	100	4	QPSK	2640	-10.58	22	-32.58	-13	19.58	V
high	28,369.17	100	4	QPSK	2640	1.76	22	-20.24	-13	7.24	V
high	28,554.39	100	4	QPSK	2640	-1.07	22	-23.07	-13	10.07	V
high	28,712.60	100	4	QPSK	2640	-5.48	22	-27.48	-13	14.48	V
high	29,275.99	100	4	QPSK	2640	-12.34	22	-34.34	-13	21.34	V



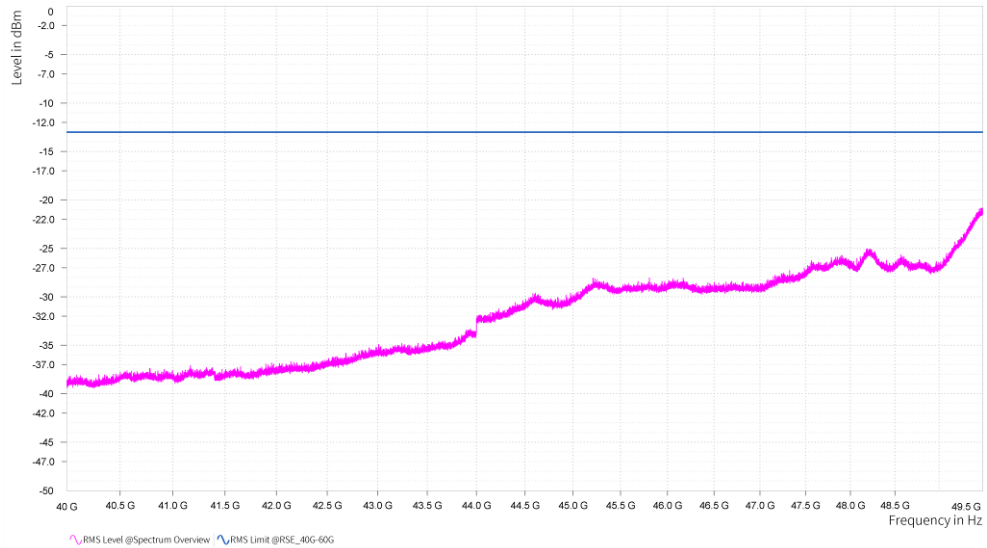
n261, Module0, 100MHz, 4CC, 64QAM, FULL RB, High channel, 18GHz-40GHz, H



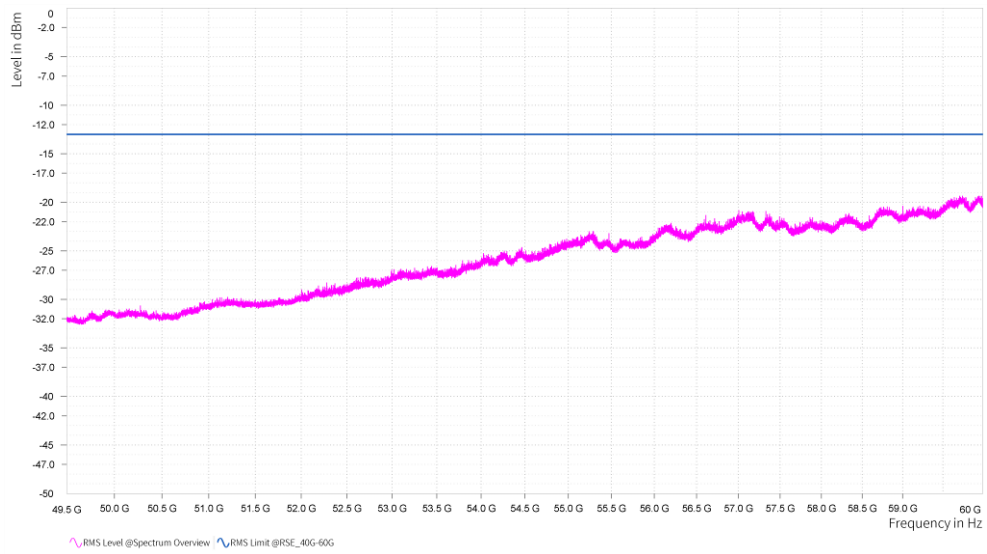
n261, Module0, 100MHz, 4CC, QPSK, FULL RB, High channel, 18GHz-40GHz, V



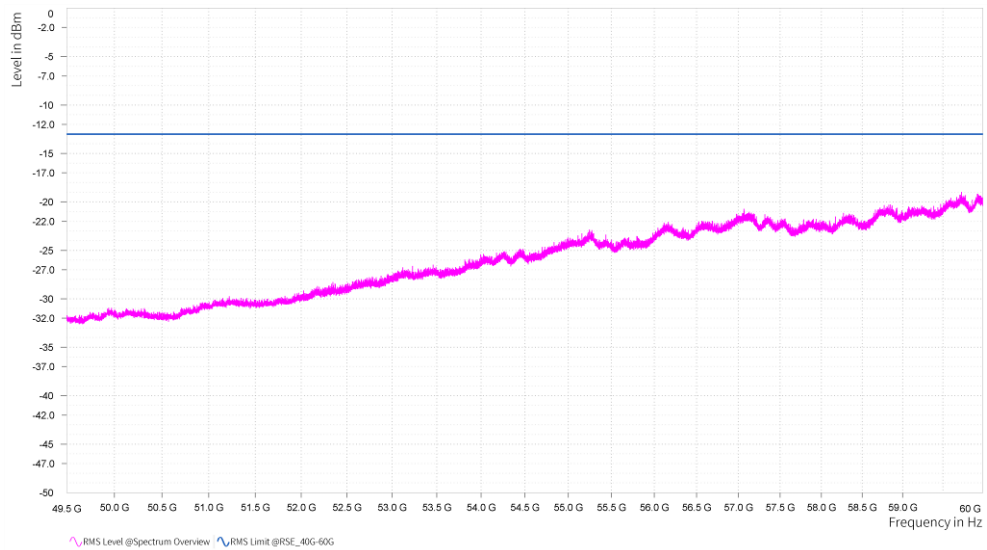
n261, Module0, 100MHz, 4CC, 64QAM, FULL RB, High channel, 40GHz-49.5GHz, H



n261, Module0, 100MHz, 4CC, QPSK, FULL RB, High channel, 40GHz-49.5GHz, V



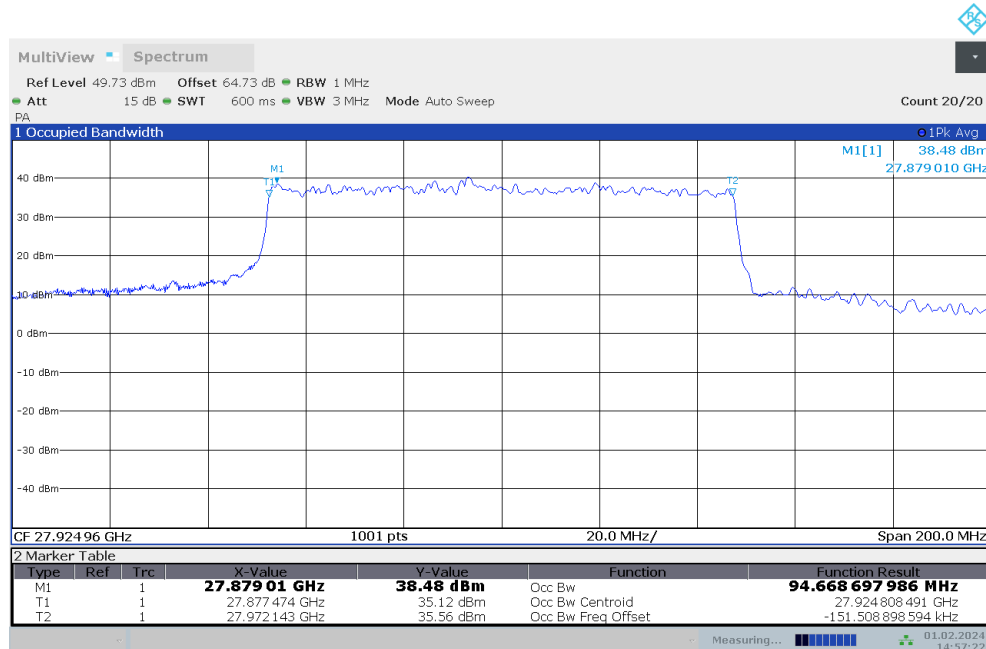
n261, Module0, 100MHz, 4CC, 64QAM, FULL RB, High channel, 49.5GHz-60GHz, H



n261, Module0, 100MHz, 4CC, QPSK, FULL RB, High channel, 49.5GHz-60GHz, V

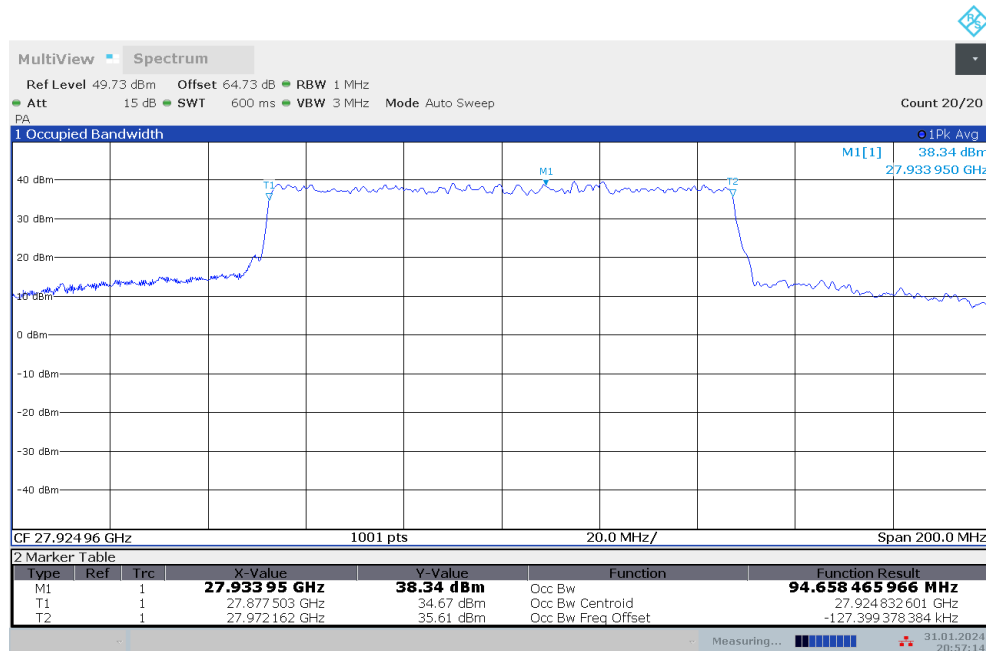
D.3 Occupied Bandwidth Plots

Band	Modulation	Channel	Bandwidth	CCs	OBW (MHz)	Pol.
261	QPSK	middle	100	1	94.67	H
					94.66	V



14:57:22 01.02.2024

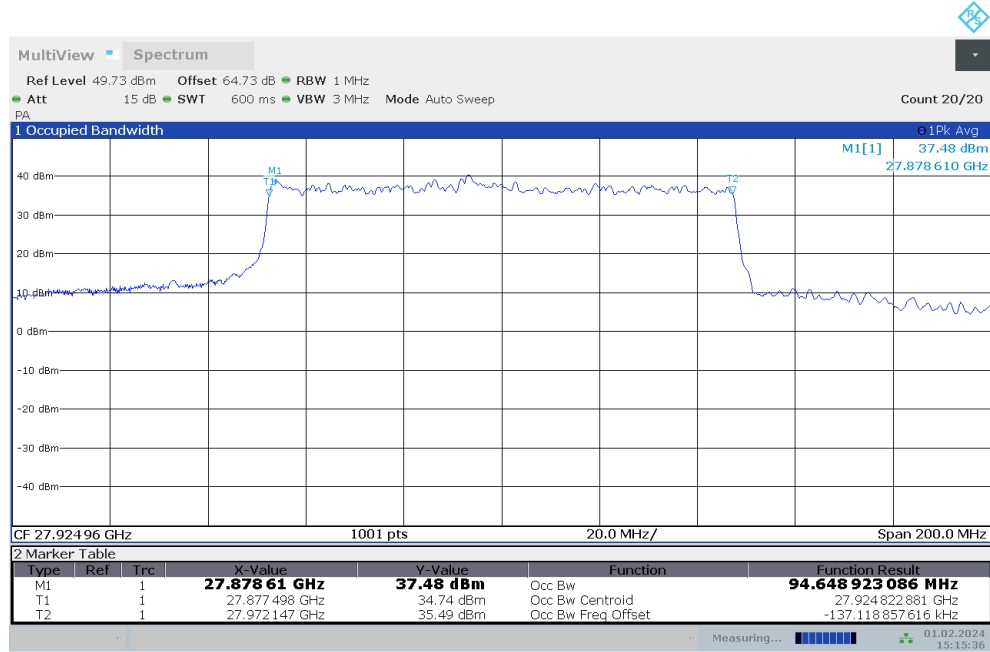
Occupied Bandwidth (n261, 1CC, 100MHz, FULL RB, QPSK, middle channel, H)



20:57:14 31.01.2024

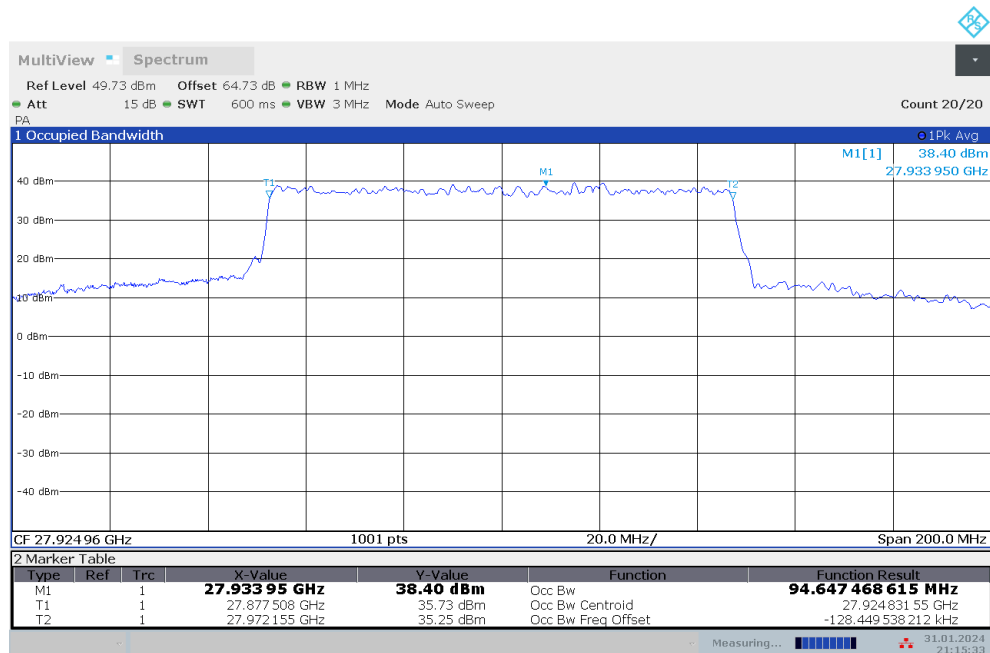
Occupied Bandwidth (n261, 1CC, 100MHz, FULL RB, QPSK, middle channel, V)

Band	Modulation	Channel	Bandwidth	CCs	OBW (MHz)	Pol.
261	16QAM	middle	100	1	94.65	H
					94.65	V



15:15:36 01.02.2024

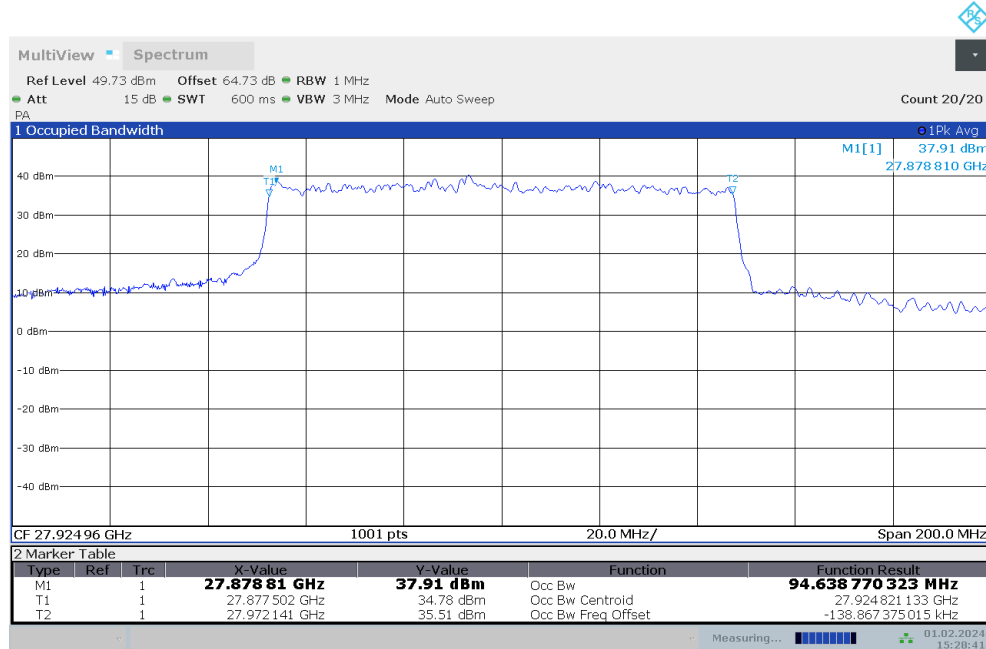
Occupied Bandwidth (n261, 1CC, 100MHz, FULL RB, 16QAM, middle channel, H)



21:15:33 31.01.2024

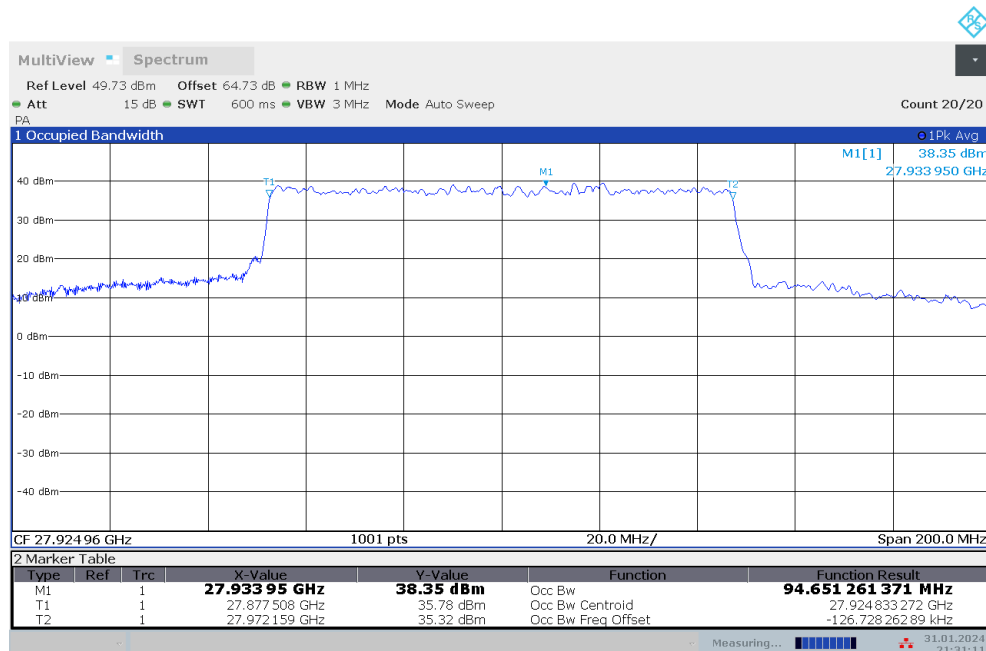
Occupied Bandwidth (n261, 1CC, 100MHz, FULL RB, 16QAM, middle channel, V)

Band	Modulation	Channel	Bandwidth	CCs	OBW (MHz)	Pol.
261	64QAM	middle	100	1	94.64	H
					94.66	V



15:28:41 01.02.2024

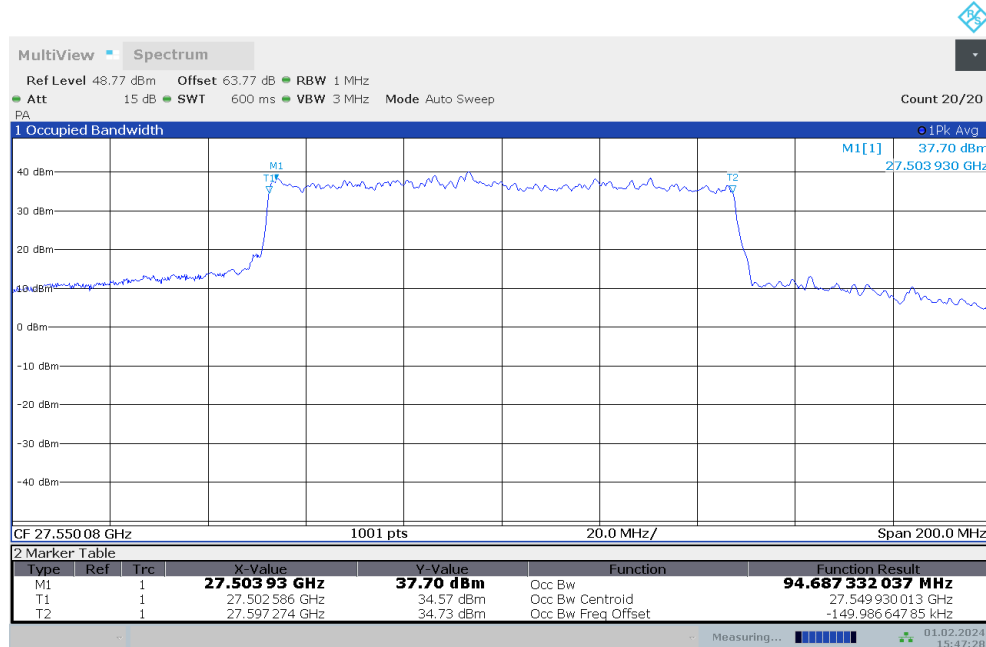
Occupied Bandwidth (n261, 1CC, 100MHz, FULL RB, 64QAM, middle channel, H)



21:31:11 31.01.2024

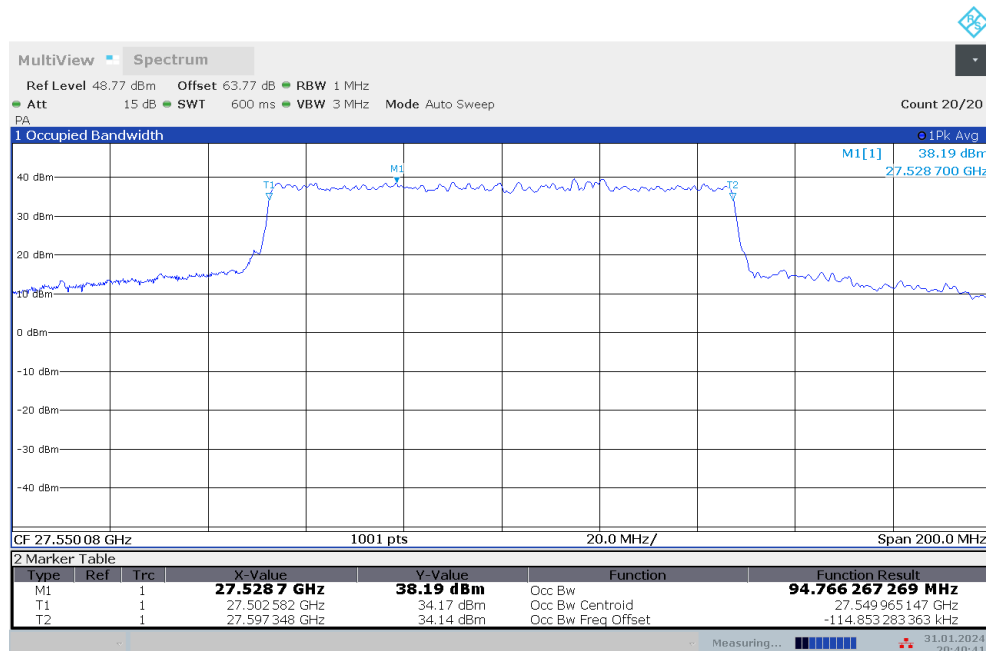
Occupied Bandwidth (n261, 1CC, 100MHz, FULL RB, 64QAM, middle channel, V)

Band	Modulation	Channel	Bandwidth	CCs	OBW (MHz)	Pol.
261	QPSK	low	100	1	94.69	H
					94.77	V



15:47:29 01.02.2024

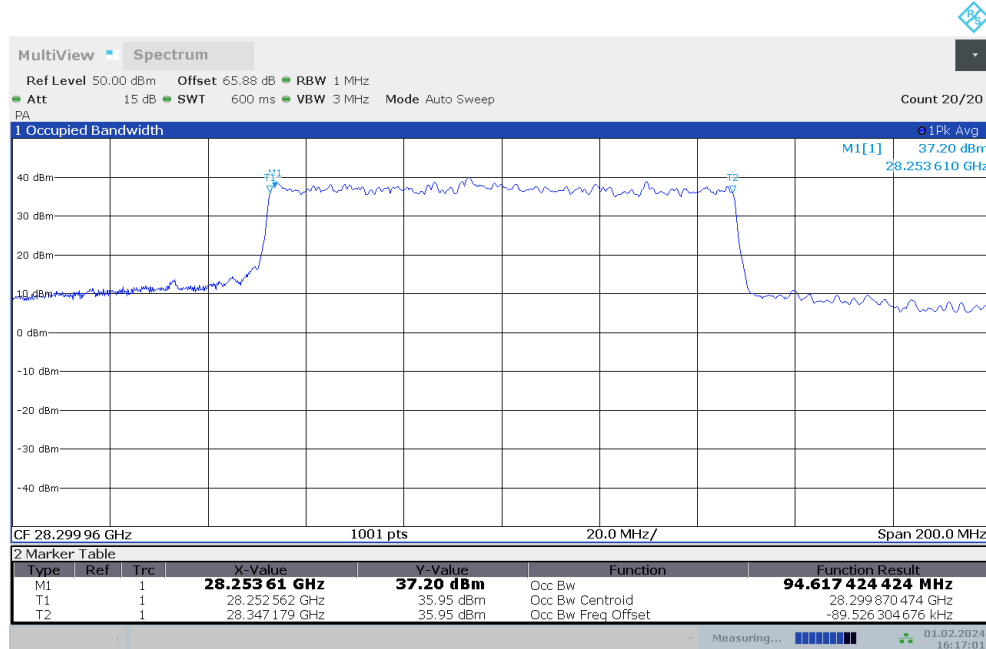
Occupied Bandwidth (n261, 1CC, 100MHz, FULL RB, QPSK, low channel, H)



20:40:41 31.01.2024

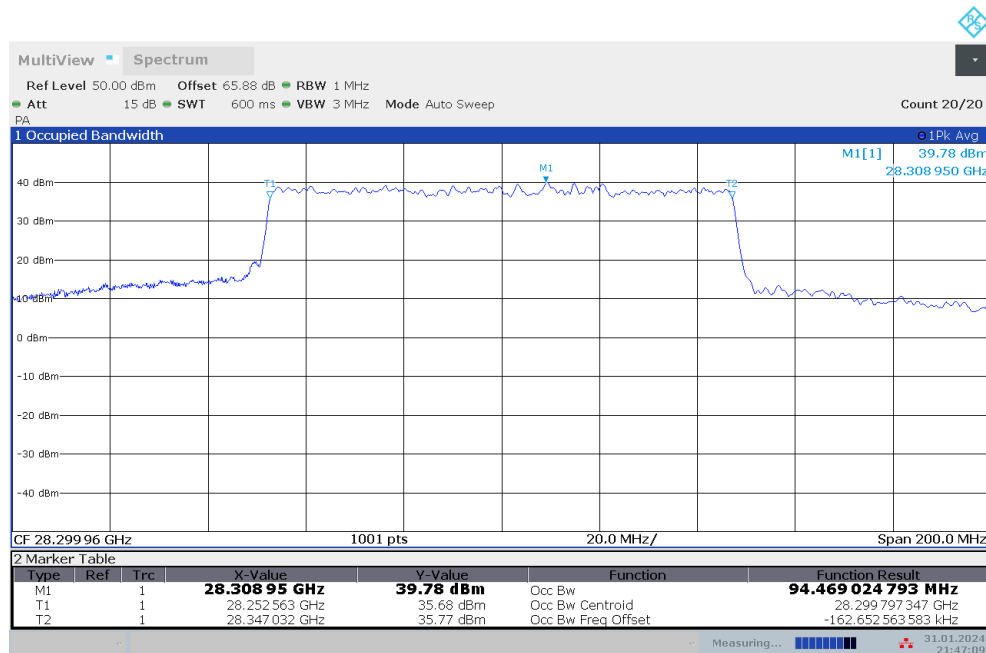
Occupied Bandwidth (n261, 1CC, 100MHz, FULL RB, QPSK, low channel, V)

Band	Modulation	Channel	Bandwidth	CCs	OBW (MHz)	Pol.
261	QPSK	high	100	1	94.62	H
					94.47	V



16:17:02 01.02.2024

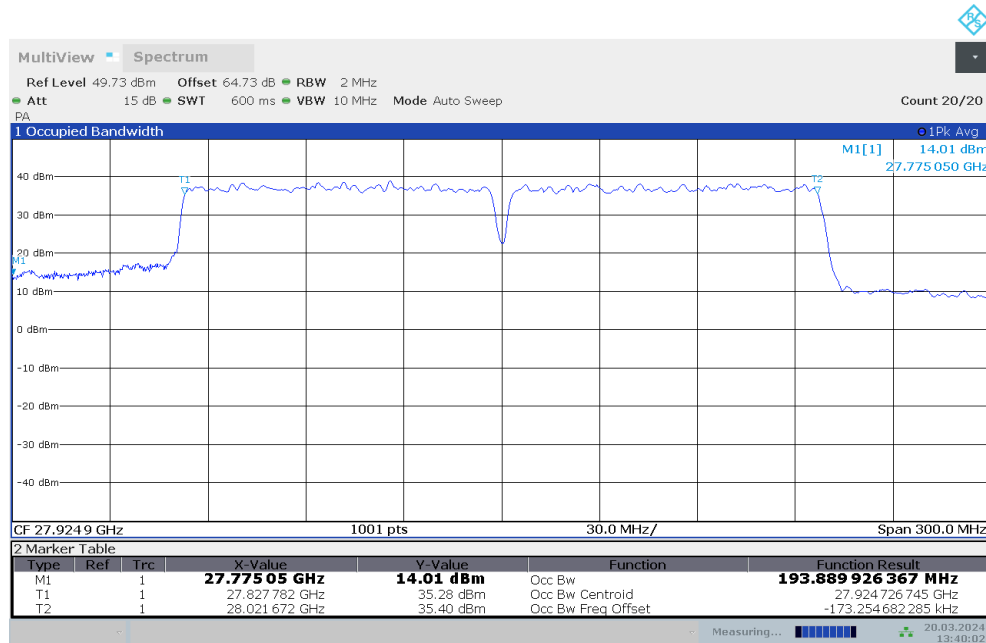
Occupied Bandwidth (n261, 1CC, 100MHz, FULL RB, QPSK, high channel, H)



21:47:09 31.01.2024

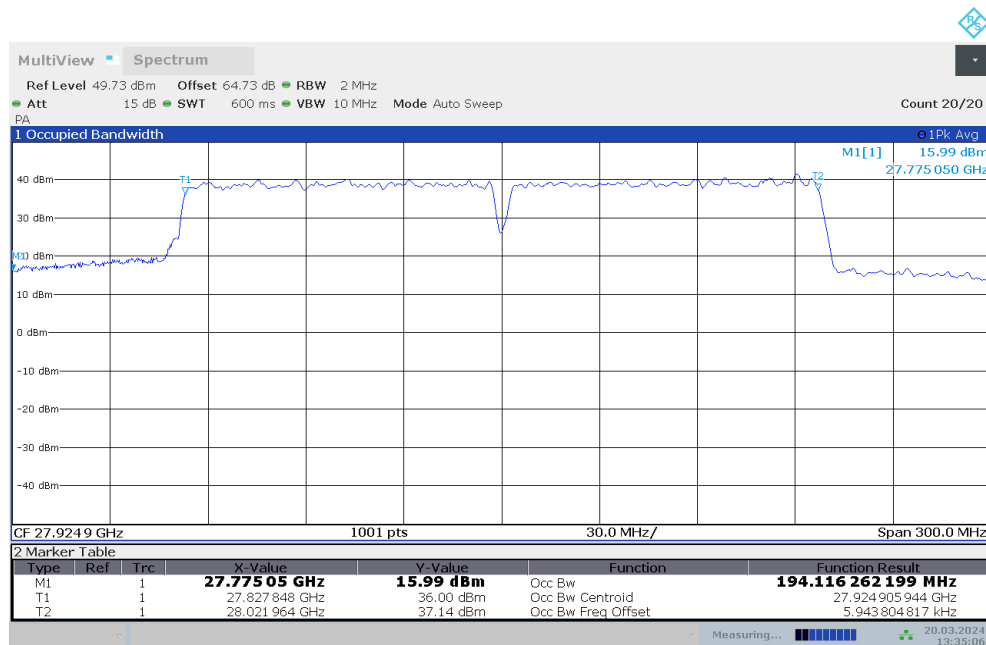
Occupied Bandwidth (n261, 1CC, 100MHz, FULL RB, QPSK, high channel, V)

Band	Modulation	Channel	Bandwidth	CCs	OBW (MHz)	Pol.
261	QPSK	middle	100	2	193.89	H
					194.12	V



13:40:02 20.03.2024

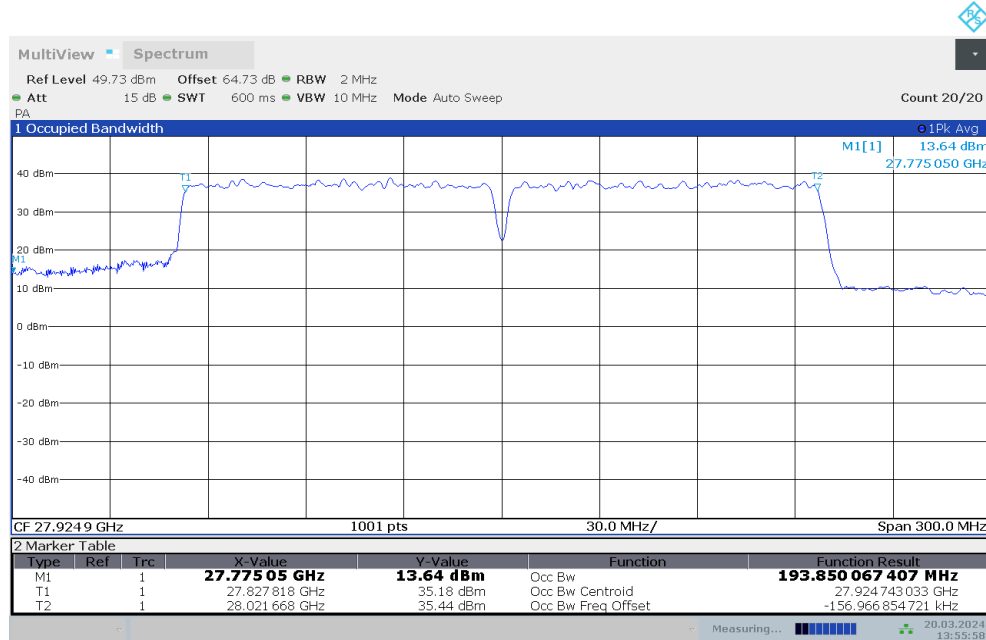
Occupied Bandwidth (n261, 2CC, 100MHz, FULL RB, QPSK, middle channel, H)



13:35:06 20.03.2024

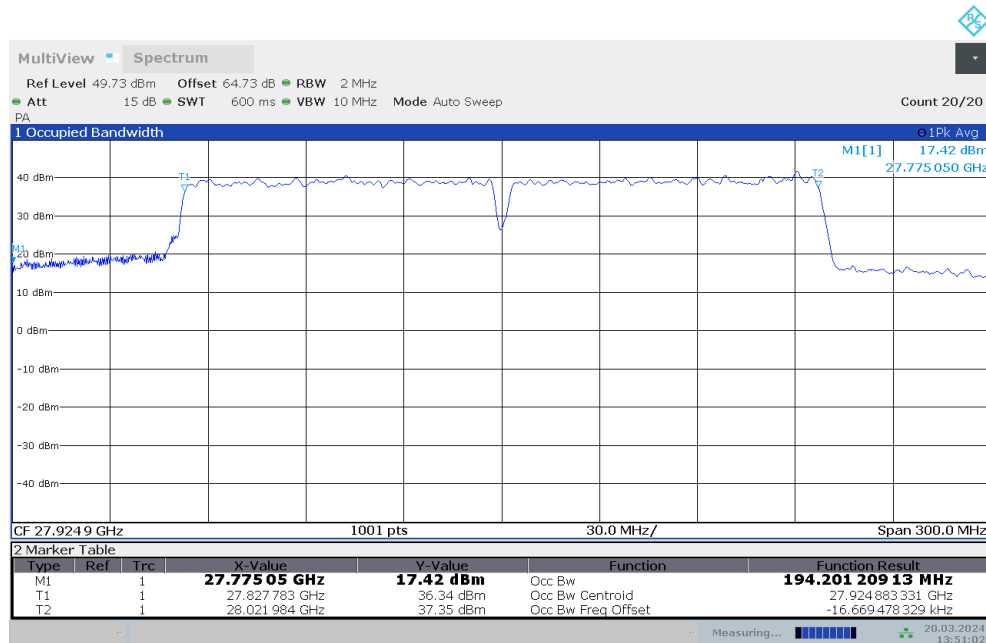
Occupied Bandwidth (n261, 2CC, 100MHz, FULL RB, QPSK, middle channel, V)

Band	Modulation	Channel	Bandwidth	CCs	OBW (MHz)	Pol.
261	16QAM	middle	100	2	193.85	H
					194.20	V



13:55:59 20.03.2024

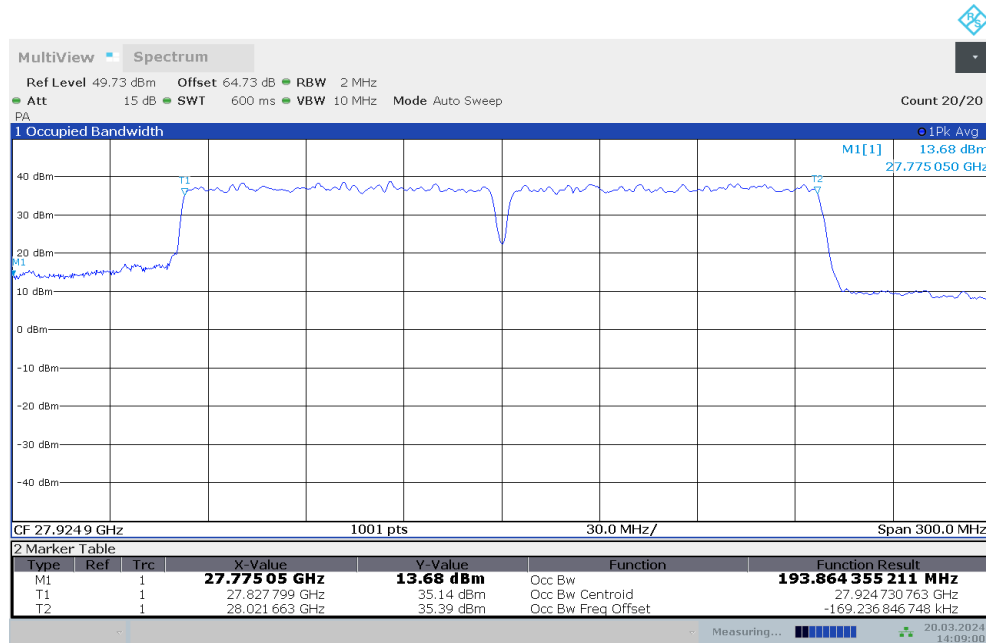
Occupied Bandwidth (n261, 2CC, 100MHz, FULL RB, 16QAM, middle channel, H)



13:51:03 20.03.2024

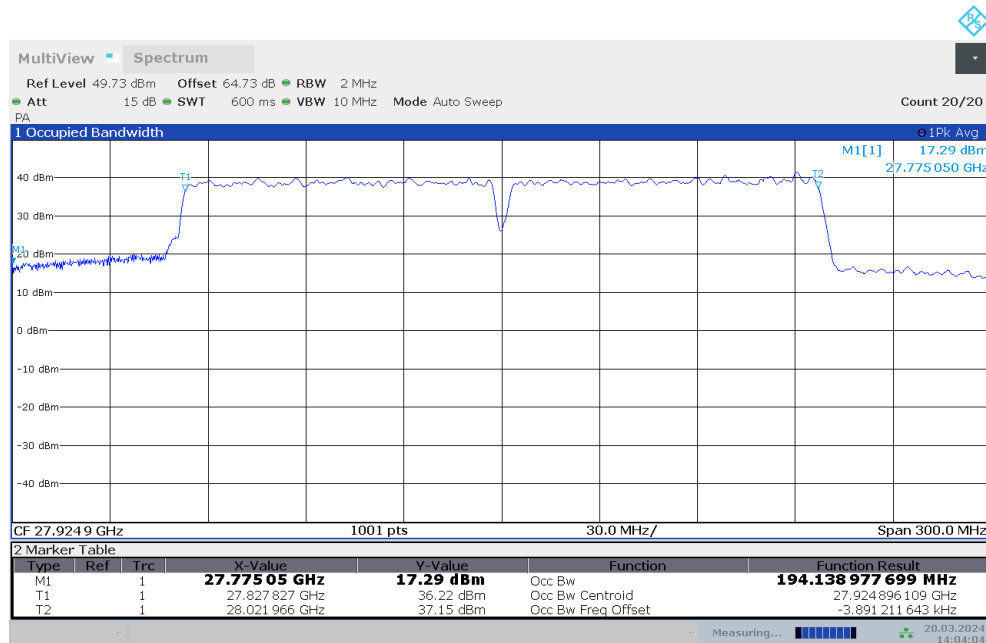
Occupied Bandwidth (n261, 2CC, 100MHz, FULL RB, 16QAM, middle channel, V)

Band	Modulation	Channel	Bandwidth	CCs	OBW (MHz)	Pol.
261	64QAM	middle	100	2	193.86	H
					194.14	V



14:09:01 20.03.2024

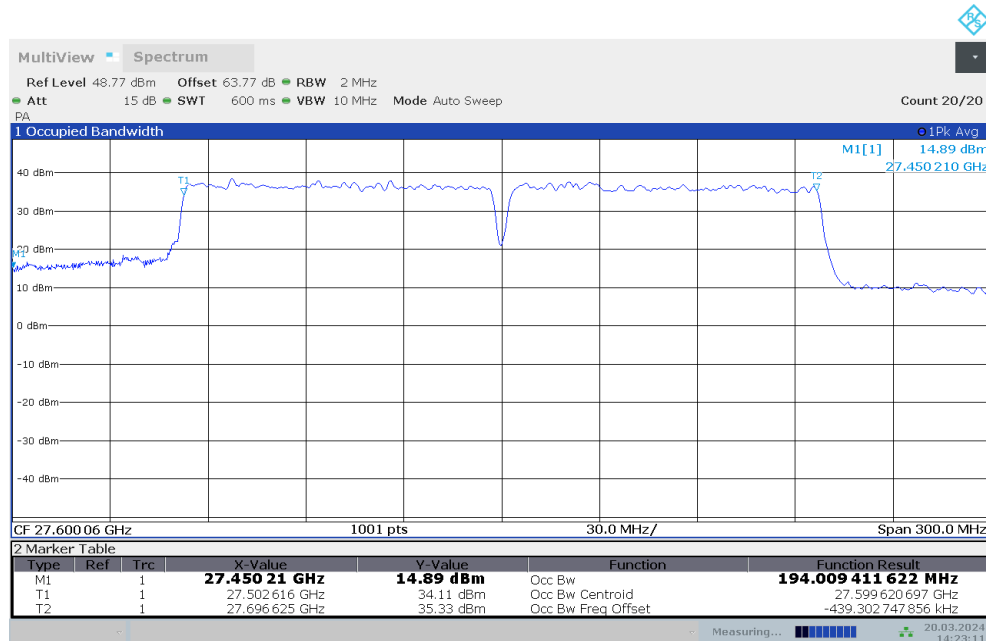
Occupied Bandwidth (n261, 2CC, 100MHz, FULL RB, 64QAM, middle channel, H)



14:04:05 20.03.2024

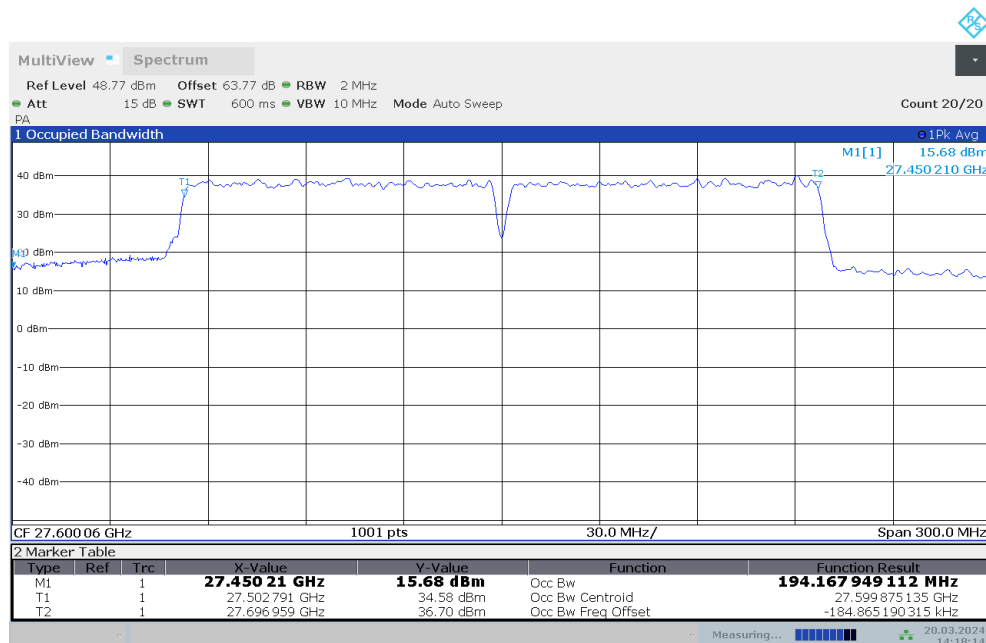
Occupied Bandwidth (n261, 2CC, 100MHz, FULL RB, 64QAM, middle channel, V)

Band	Modulation	Channel	Bandwidth	CCs	OBW (MHz)	Pol.
261	QPSK	low	100	2	194.01	H
					194.17	V



14:23:12 20.03.2024

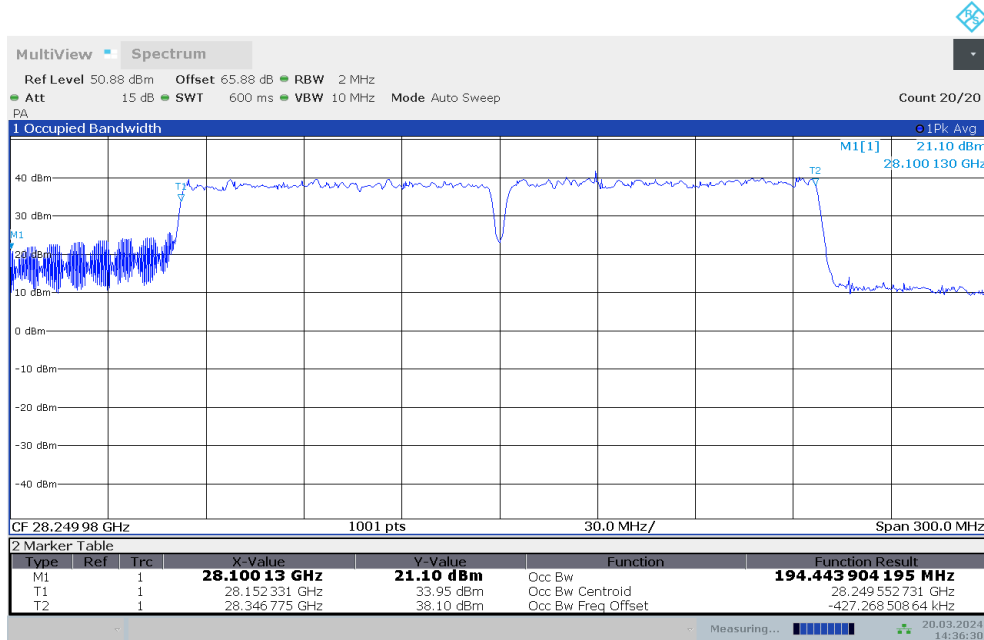
Occupied Bandwidth (n261, 2CC, 100MHz, FULL RB, QPSK, low channel, H)



14:18:15 20.03.2024

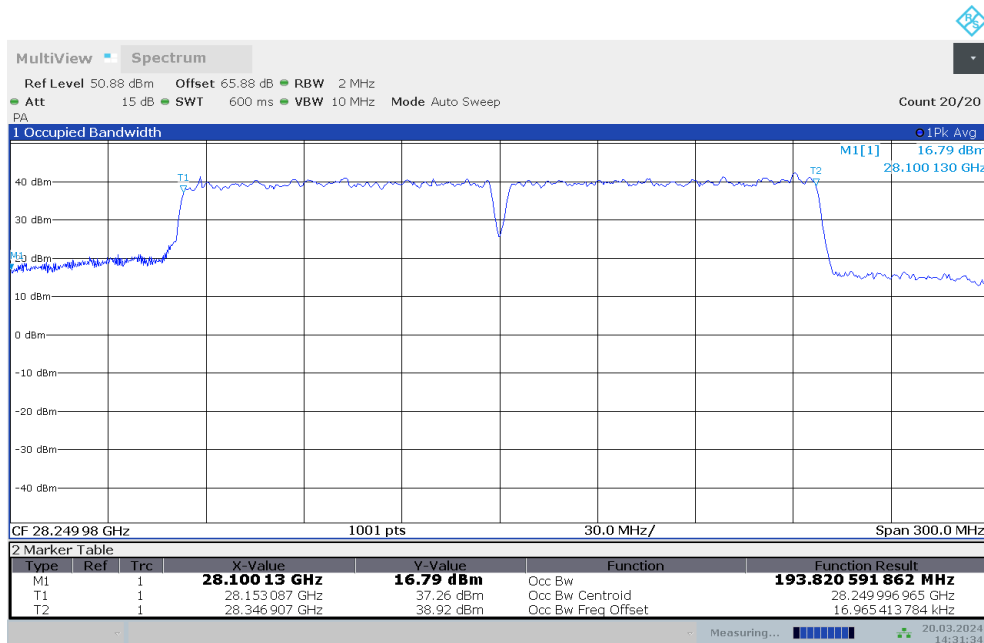
Occupied Bandwidth (n261, 2CC, 100MHz, FULL RB, QPSK, low channel, V)

Band	Modulation	Channel	Bandwidth	CCs	OBW (MHz)	Pol.
261	QPSK	high	100	2	194.44	H
					193.82	V



14:36:30 20.03.2024

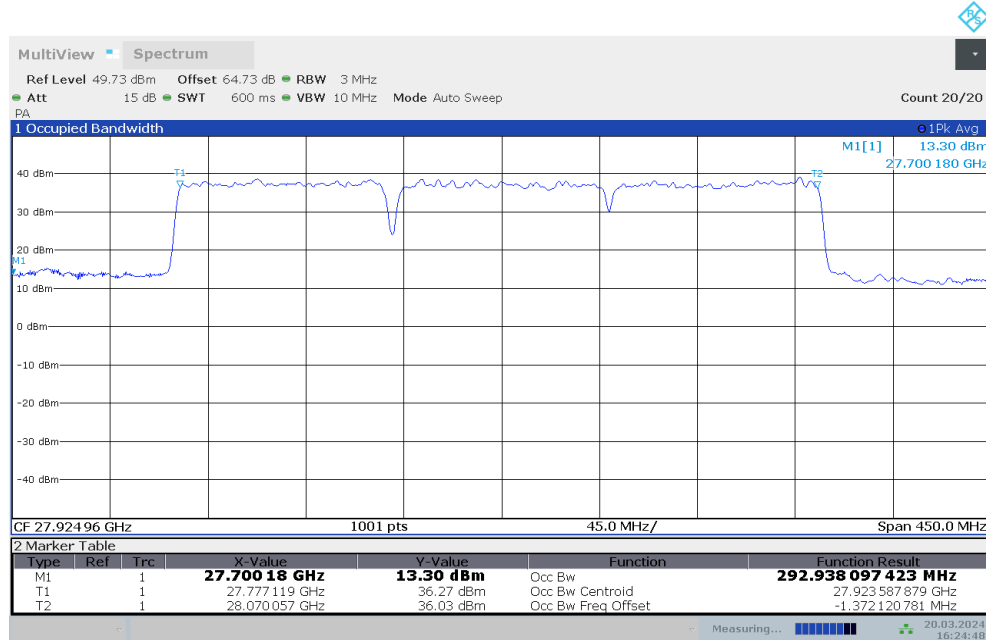
Occupied Bandwidth (n261, 2CC, 100MHz, FULL RB, QPSK, high channel, H)



14:31:35 20.03.2024

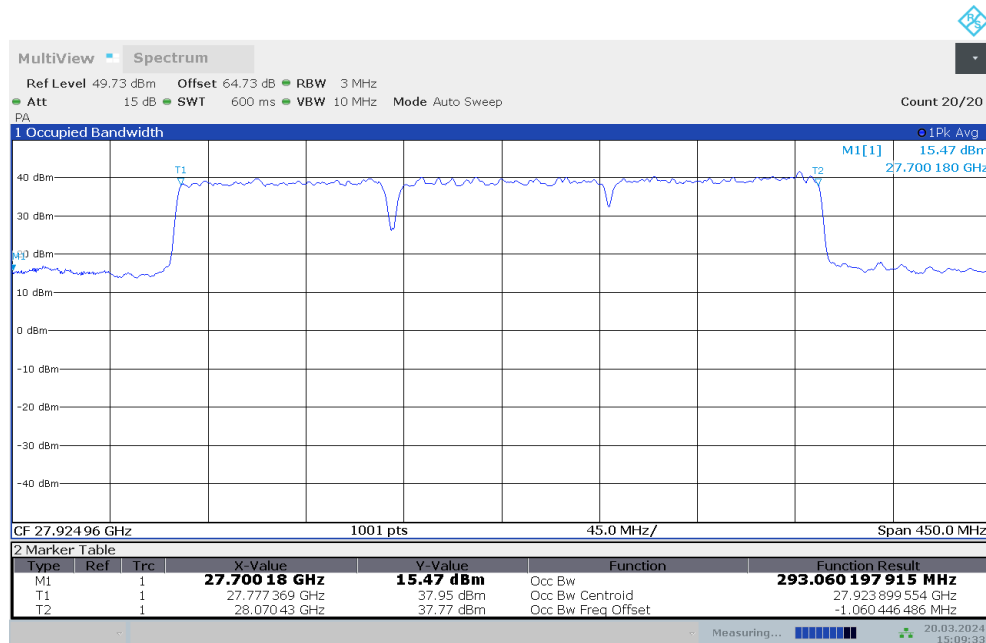
Occupied Bandwidth (n261, 2CC, 100MHz, FULL RB, QPSK, high channel, V)

Band	Modulation	Channel	Bandwidth	CCs	OBW (MHz)	Pol.
261	QPSK	middle	100	3	292.94	H
					293.06	V



16:24:48 20.03.2024

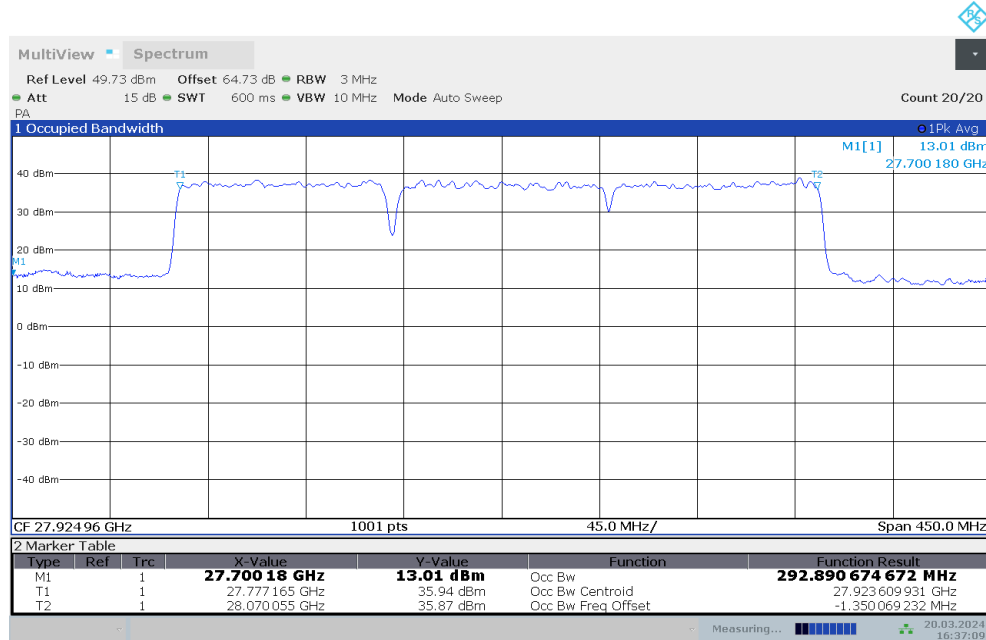
Occupied Bandwidth (n261, 3CC, 100MHz, FULL RB, QPSK, middle channel, H)



15:09:34 20.03.2024

Occupied Bandwidth (n261, 3CC, 100MHz, FULL RB, QPSK, middle channel, V)

Band	Modulation	Channel	Bandwidth	CCs	OBW (MHz)	Pol.
261	16QAM	middle	100	3	292.89	H
					293.07	V



16:37:09 20.03.2024

Occupied Bandwidth (n261, 3CC, 100MHz, FULL RB, 16QAM, middle channel, H)



15:21:08 20.03.2024

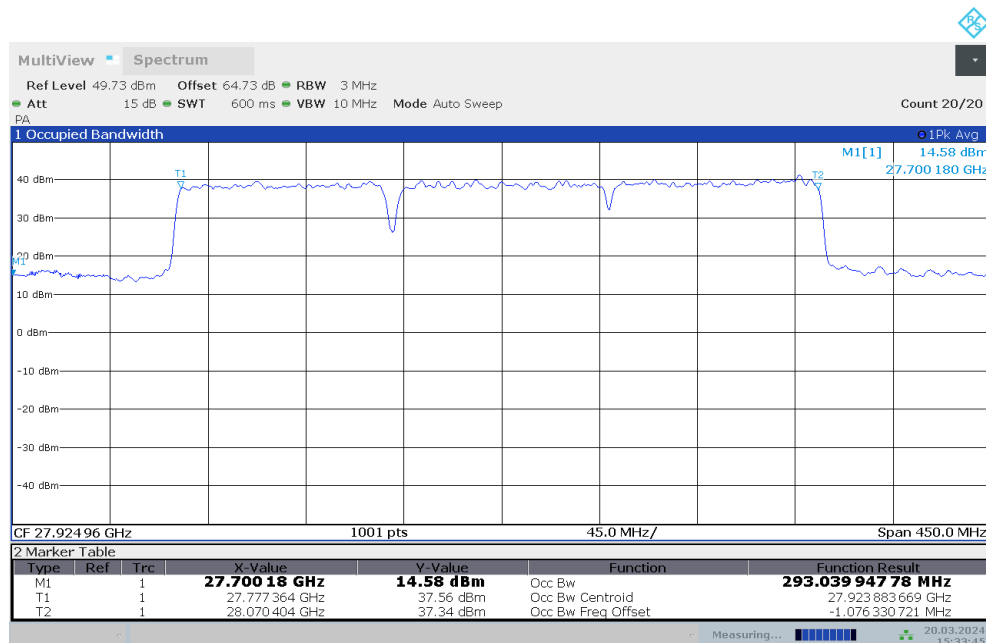
Occupied Bandwidth (n261, 3CC, 100MHz, FULL RB, 16QAM, middle channel, V)

Band	Modulation	Channel	Bandwidth	CCs	OBW (MHz)	Pol.
261	64QAM	middle	100	3	292.93	H
					293.04	V



16:51:45 20.03.2024

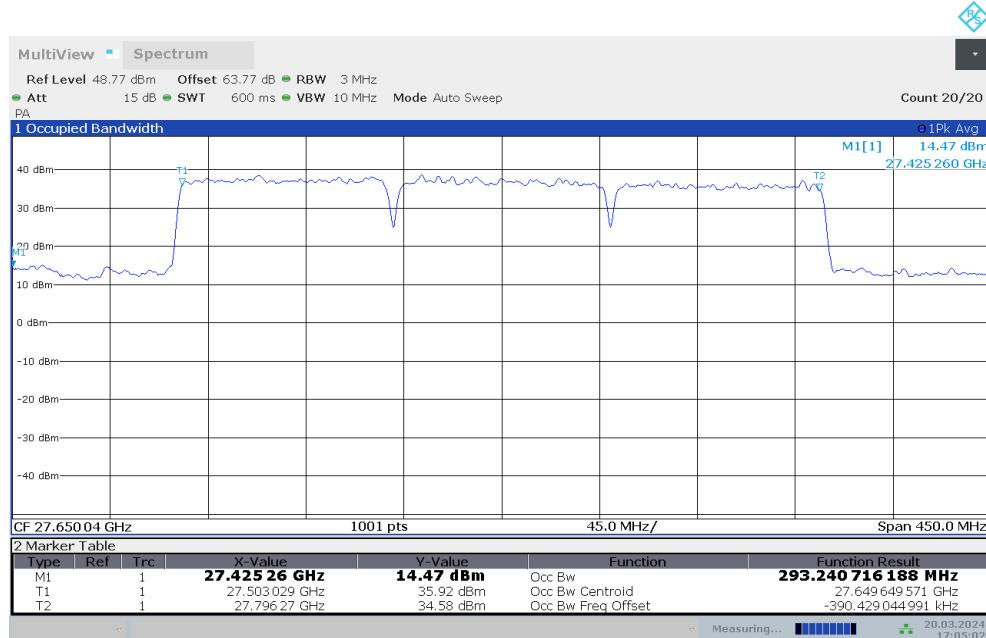
Occupied Bandwidth (n261, 3CC, 100MHz, FULL RB, 64QAM, middle channel, H)



15:33:46 20.03.2024

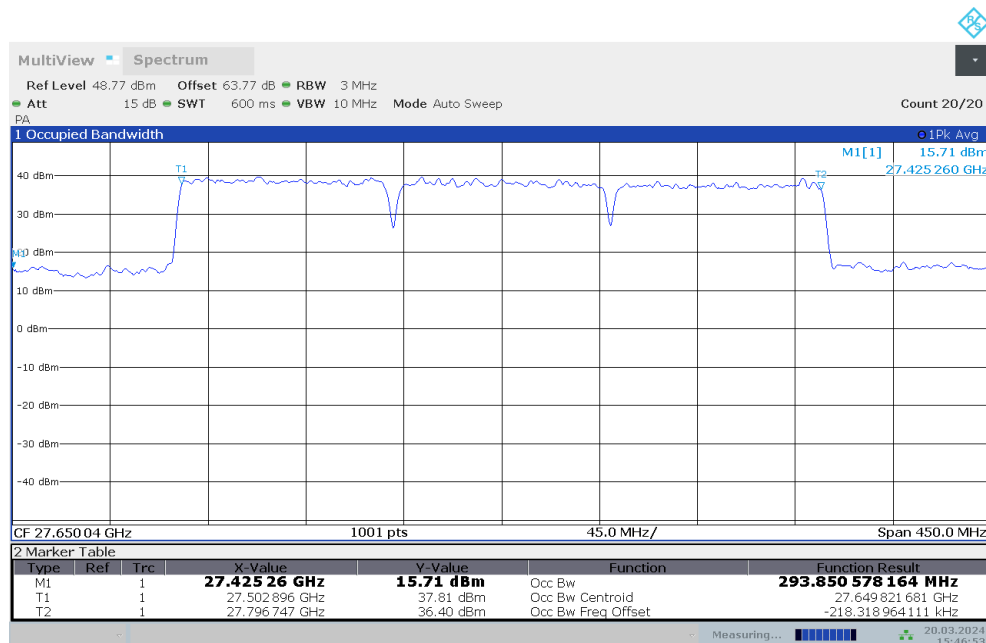
Occupied Bandwidth (n261, 3CC, 100MHz, FULL RB, 64QAM, middle channel, V)

Band	Modulation	Channel	Bandwidth	CCs	OBW (MHz)	Pol.
261	QPSK	low	100	3	293.24	H
	64QAM	low	100	3	293.85	V



17:05:03 20.03.2024

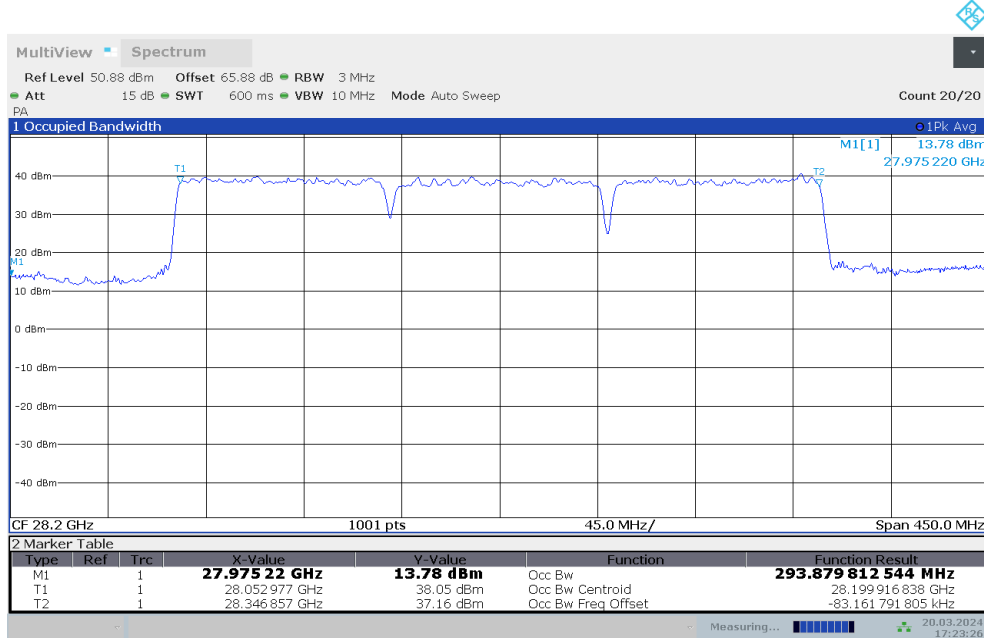
Occupied Bandwidth (n261, 3CC, 100MHz, FULL RB, QPSK, low channel, H)



15:46:54 20.03.2024

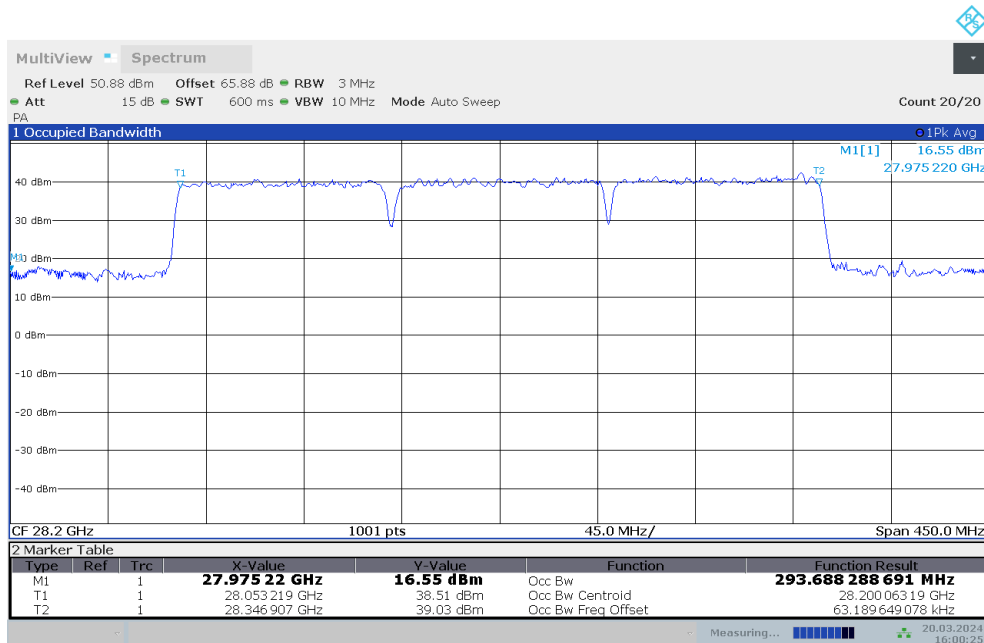
Occupied Bandwidth (n261, 3CC, 100MHz, FULL RB, 64QAM, low channel, V)

Band	Modulation	Channel	Bandwidth	CCs	OBW (MHz)	Pol.
261	QPSK	high	100	3	293.88	H
	64QAM	high	100	3	293.69	V



17:23:26 20.03.2024

Occupied Bandwidth (n261, 3CC, 100MHz, FULL RB, QPSK, high channel, H)



16:00:26 20.03.2024

Occupied Bandwidth (n261, 3CC, 100MHz, FULL RB, QPSK, high channel, V)

Band	Modulation	Channel	Bandwidth	CCs	OBW (MHz)	Pol.
261	QPSK	middle	100	4	393.38	H
					393.51	V



19:42:12 20.03.2024

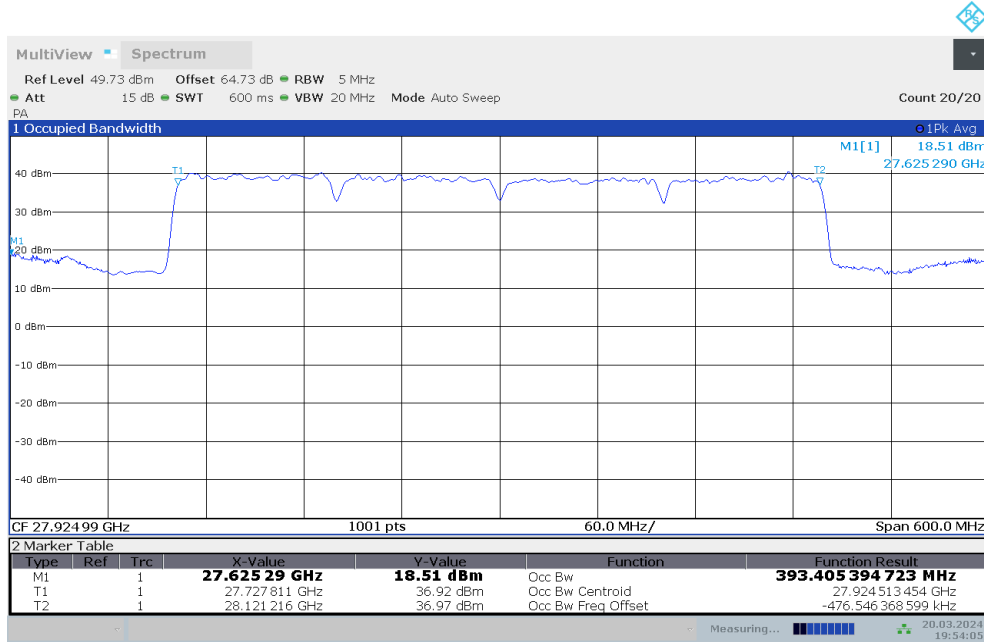
Occupied Bandwidth (n261, 4CC, 100MHz, FULL RB, QPSK, middle channel, H)



18:35:36 20.03.2024

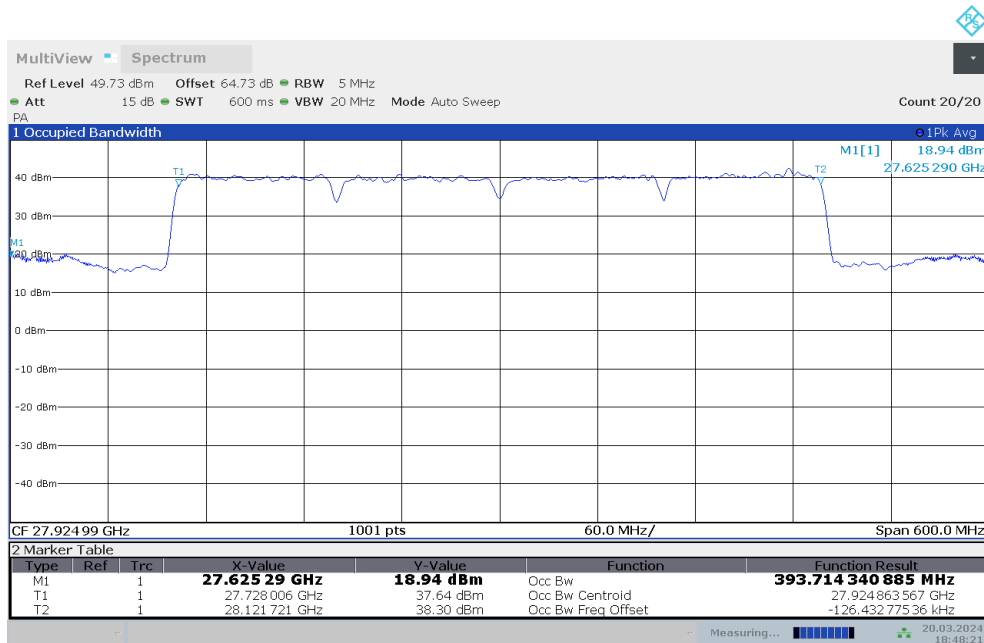
Occupied Bandwidth (n261, 4CC, 100MHz, FULL RB, QPSK, middle channel, V)

Band	Modulation	Channel	Bandwidth	CCs	OBW (MHz)	Pol.
261	16QAM	middle	100	4	393.41	H
					393.71	V



19:54:06 20.03.2024

Occupied Bandwidth (n261, 4CC, 100MHz, FULL RB, 16QAM, middle channel, H)



18:48:21 20.03.2024

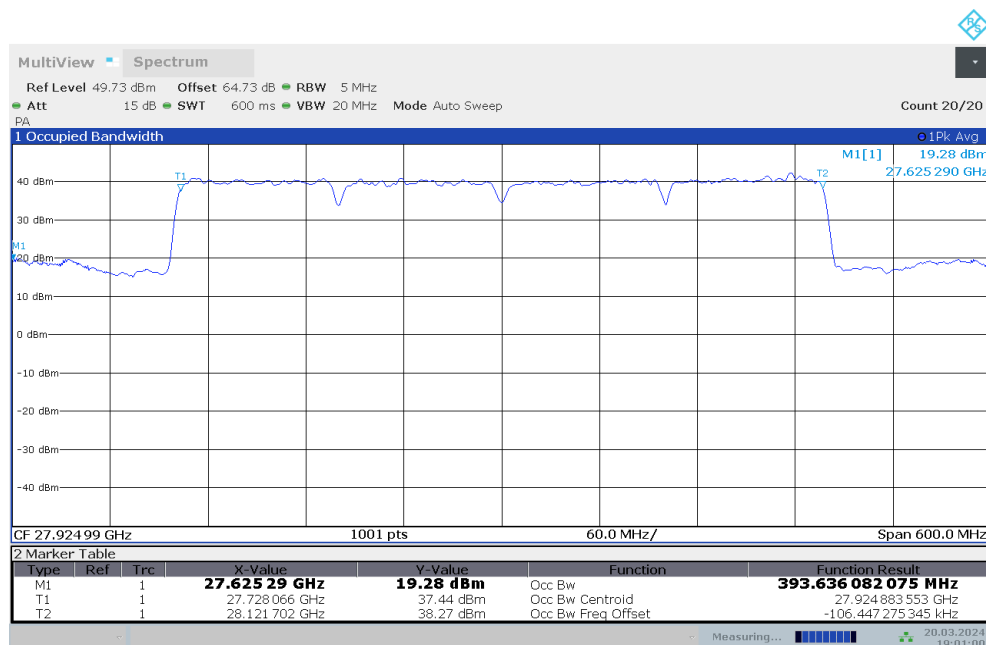
Occupied Bandwidth (n261, 4CC, 100MHz, FULL RB, 16QAM, middle channel, V)

Band	Modulation	Channel	Bandwidth	CCs	OBW (MHz)	Pol.
261	64QAM	middle	100	4	393.40	H
					393.64	V



20:05:42 20.03.2024

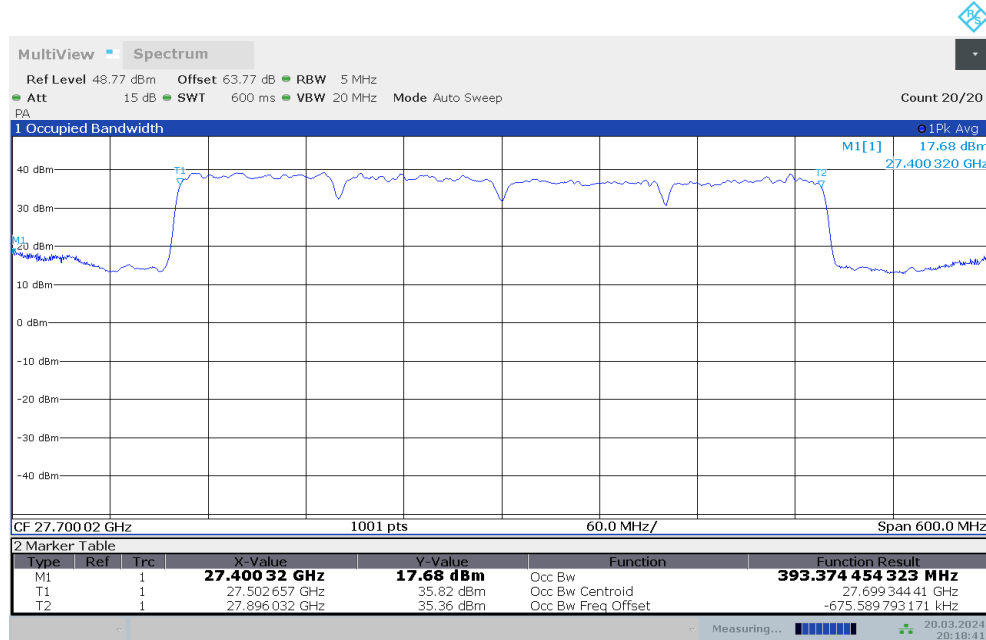
Occupied Bandwidth (n261, 4CC, 100MHz, FULL RB, 64QAM, middle channel, H)



19:01:00 20.03.2024

Occupied Bandwidth (n261, 4CC, 100MHz, FULL RB, 64QAM, middle channel, V)

Band	Modulation	Channel	Bandwidth	CCs	OBW (MHz)	Pol.
261	64QAM	low	100	4	393.37	H
	QPSK	low	100	4	394.28	V



20:18:42 20.03.2024

Occupied Bandwidth (n261, 4CC, 100MHz, FULL RB, 64QAM, low channel, H)



19:13:49 20.03.2024

Occupied Bandwidth (n261, 4CC, 100MHz, FULL RB, QPSK, low channel, V)

Band	Modulation	Channel	Bandwidth	CCs	OBW (MHz)	Pol.
261	64QAM	high	100	4	393.61	H
	QPSK	high	100	4	393.56	V



20:30:21 20.03.2024

Occupied Bandwidth (n261, 4CC, 100MHz, FULL RB, 64QAM, high channel, H)

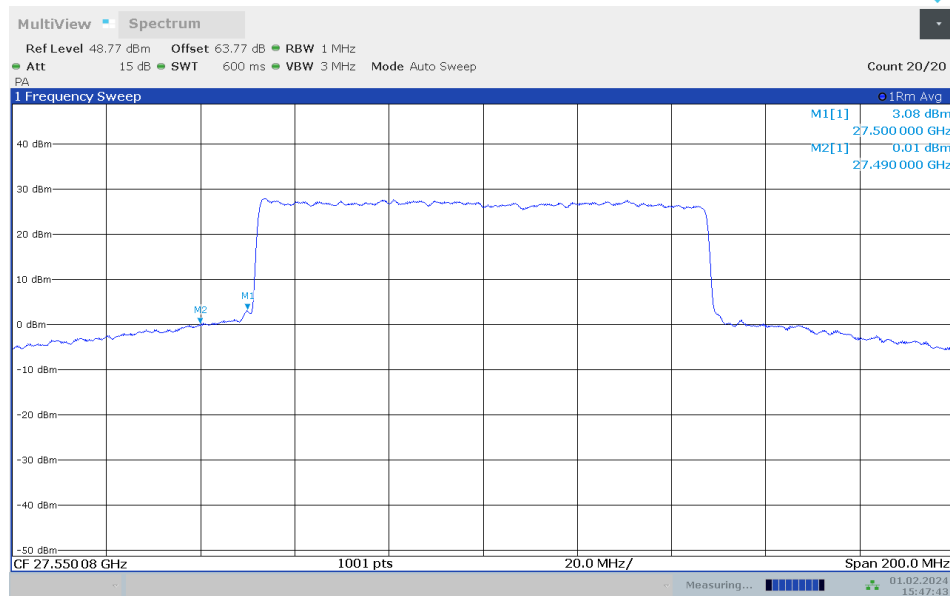


19:25:48 20.03.2024

Occupied Bandwidth (n261, 4CC, 100MHz, FULL RB, QPSK, high channel, V)

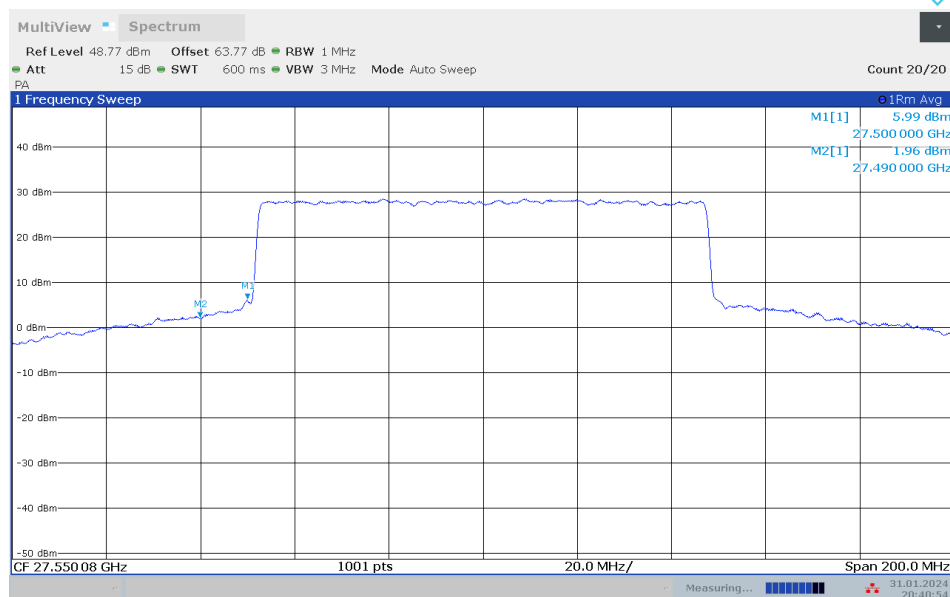
D.4 Band Edge Plots

Channel	Freq.	BW	CCs	Modulation	RB	Avg EIRP	Antenna Gain	Conduct EIRP	Conduct Limit	EIRP	Margin	Pol.
	(GHz)	(MHz)				(dBm)	(dBi)	(dBm)	(dBm)		(dB)	
low	27.5	100	1	QPSK	660	3.08	22	-18.92	-5		13.92	H
low	27.5	100	1	QPSK	660	5.99	22	-16.01	-5		11.01	V
low	27.49	100	1	QPSK	660	0.01	22	-21.99	-13		8.99	H
low	37.49	100	1	QPSK	660	1.96	22	-20.04	-13		7.04	V



15:47:43 01.02.2024

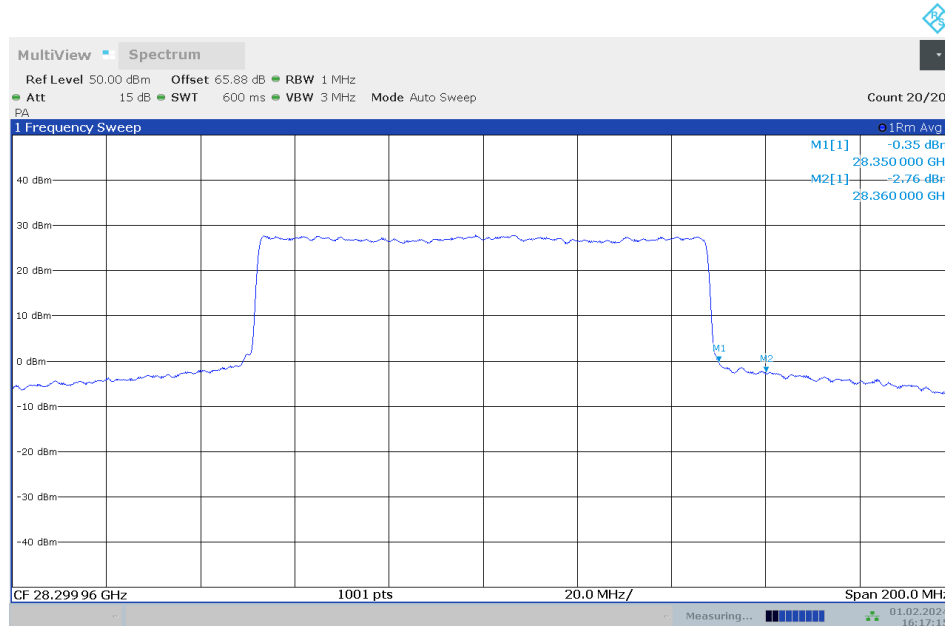
Band Edge (n261, 1CC, 100MHz, FULL RB, QPSK, low channel, H)



20:40:55 31.01.2024

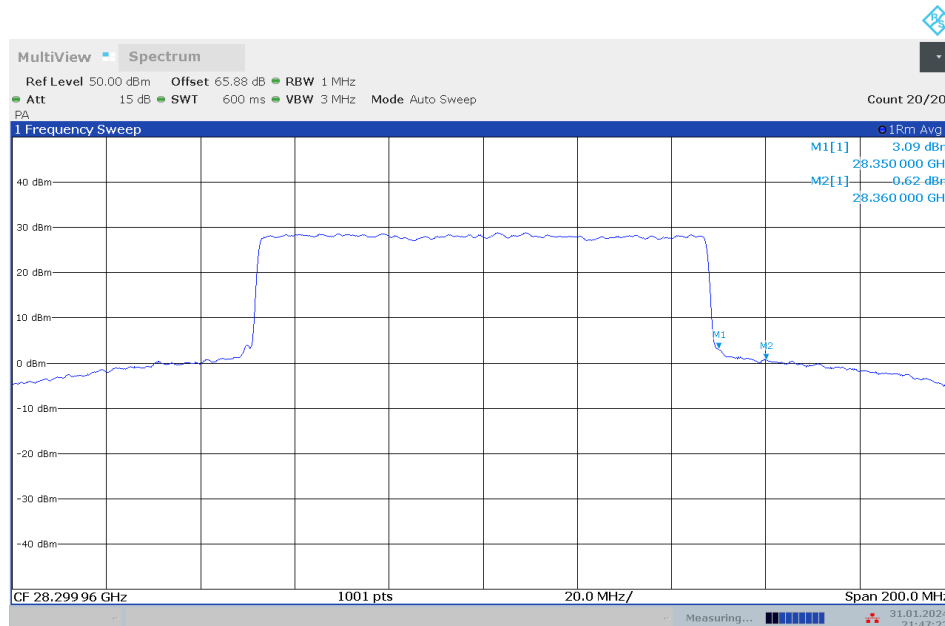
Band Edge (n261, 1CC, 100MHz, FULL RB, QPSK, low channel, V)

Channel	Freq. (GHz)	BW (MHz)	CCs	Modulation	RB	Avg EIRP (dBm)	Antenna Gain (dBi)	Conduct EIRP (dBm)	Conduct Limit (dBm)	EIRP Margin (dB)	Pol.
high	28.35	100	1	QPSK	660	-0.35	22	-22.35	-5	17.35	H
high	28.35	100	1	QPSK	660	3.09	22	-18.91	-5	13.91	V
high	28.36	100	1	QPSK	660	-2.76	22	-24.76	-13	11.76	H
high	28.36	100	1	QPSK	660	0.62	22	-21.38	-13	8.38	V



16:17:15 01.02.2024

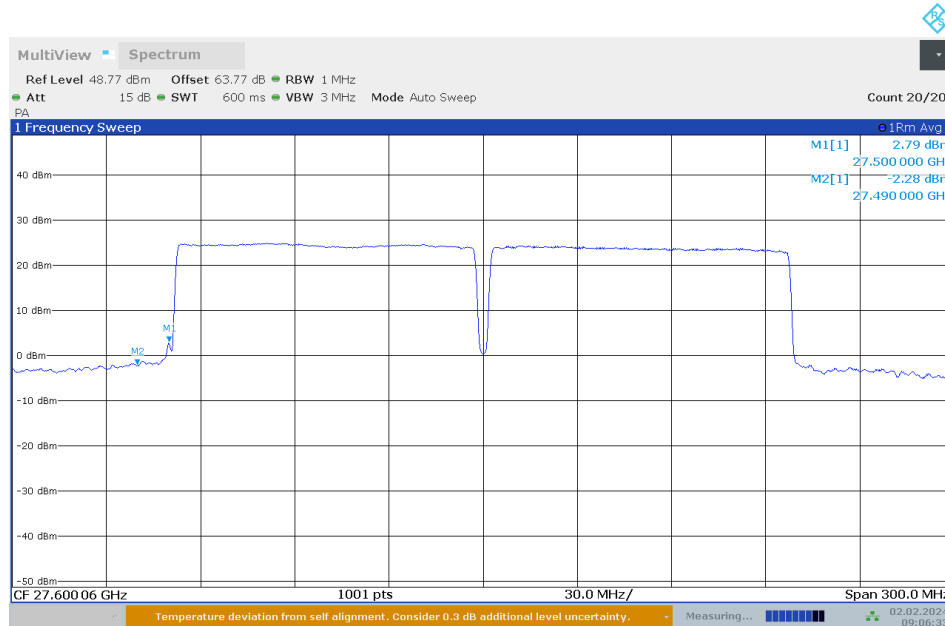
Band Edge (n261, 1CC, 100MHz, FULL RB, QPSK, high channel, H)



21:47:23 31.01.2024

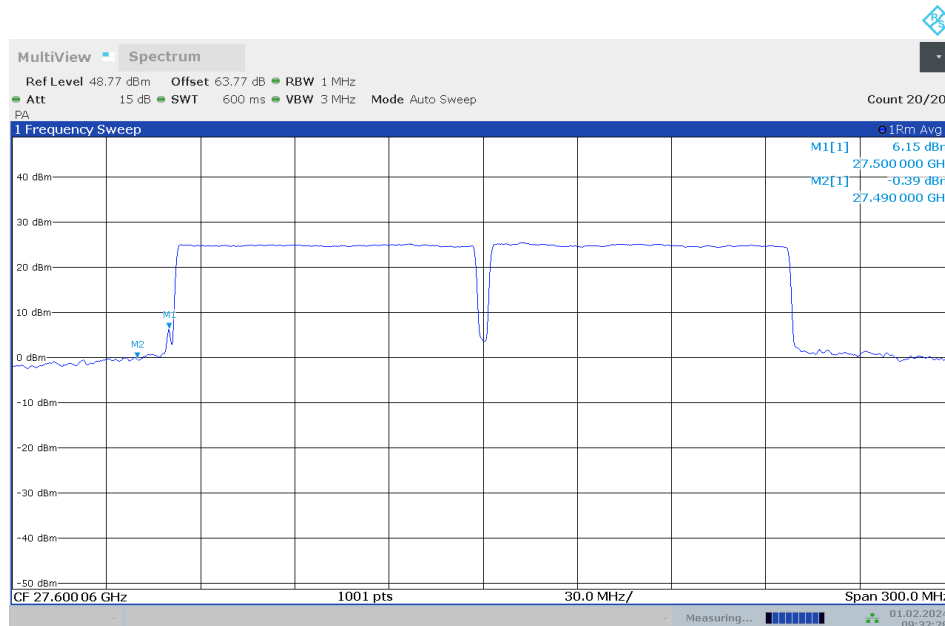
Band Edge (n261, 1CC, 100MHz, FULL RB, QPSK, high channel, V)

Channel	Freq. (GHz)	BW (MHz)	CCs	Modulation	RB	Avg EIRP (dBm)	Antenna Gain (dBi)	Conduct EIRP (dBm)	Conduct Limit (dBm)	EIRP Margin (dB)	Pol.
low	27.5	100	2	QPSK	1320	2.79	22	-19.21	-5	14.21	H
low	27.5	100	2	QPSK	1320	6.15	22	-15.85	-5	10.85	V
low	27.49	100	2	QPSK	1320	-2.28	22	-24.28	-13	11.28	H
low	37.49	100	2	QPSK	1320	-0.39	22	-22.39	-13	9.39	V



09:06:34 02.02.2024

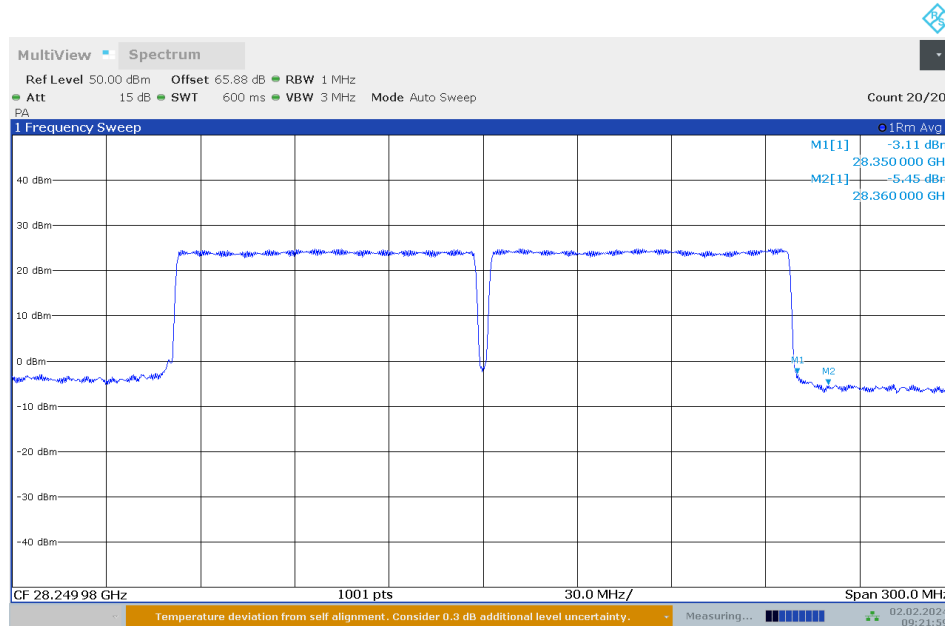
Band Edge (n261, 2CC, 100MHz, FULL RB, QPSK, low channel, H)



09:32:28 01.02.2024

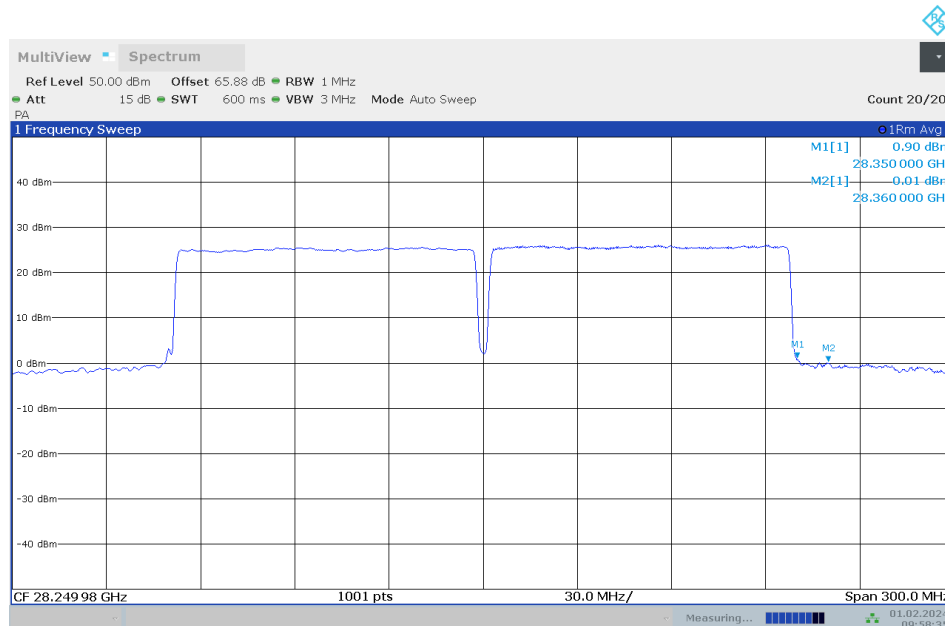
Band Edge (n261, 2CC, 100MHz, FULL RB, QPSK, low channel, V)

Channel	Freq. (GHz)	BW (MHz)	CCs	Modulation	RB	Avg EIRP (dBm)	Antenna Gain (dBi)	Conduct EIRP (dBm)	Conduct Limit (dBm)	EIRP Margin (dB)	Pol.
high	28.35	100	2	QPSK	1320	-3.11	22	-25.11	-5	20.11	H
high	28.35	100	2	QPSK	1320	0.90	22	-21.10	-5	16.10	V
high	28.36	100	2	QPSK	1320	-5.54	22	-27.54	-13	14.54	H
high	28.36	100	2	QPSK	1320	0.01	22	-21.99	-13	8.99	V



09:22:00 02.02.2024

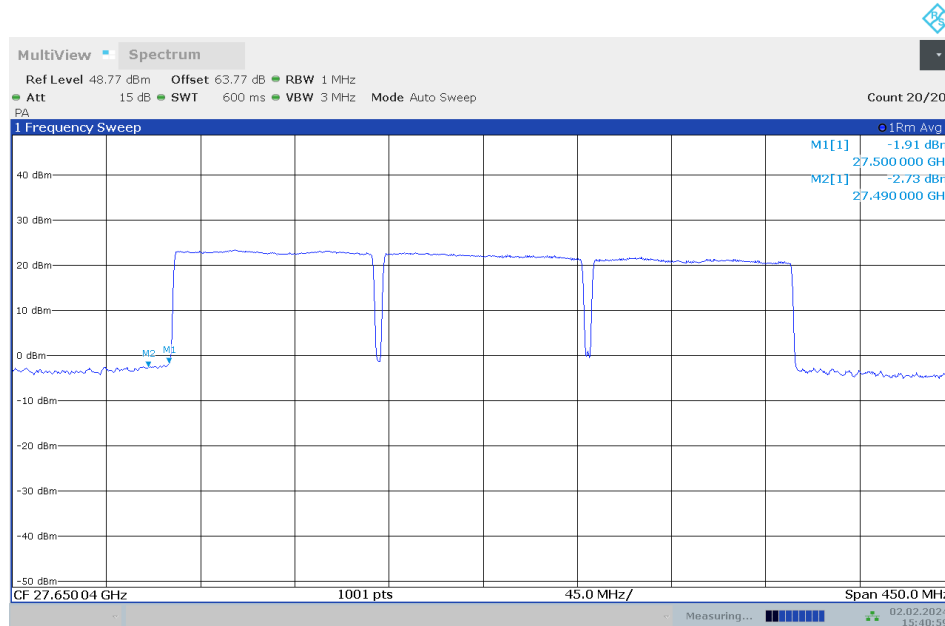
Band Edge (n261, 2CC, 100MHz, FULL RB, QPSK, high channel, H)



09:58:36 01.02.2024

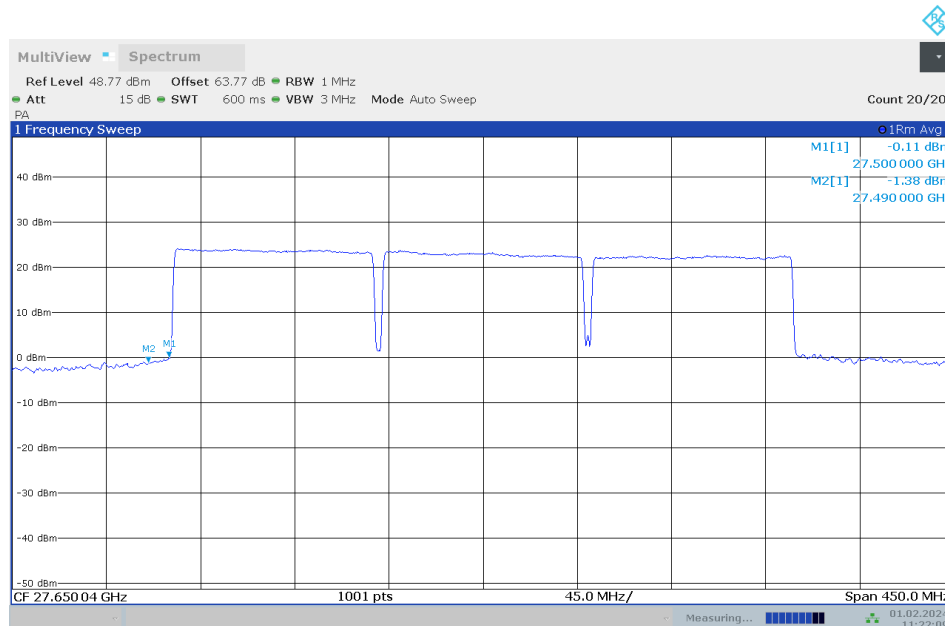
Band Edge (n261, 2CC, 100MHz, FULL RB, QPSK, high channel, V)

Channel	Freq. (GHz)	BW (MHz)	CCs	Modulation	RB	Avg EIRP (dBm)	Antenna Gain (dBi)	Conduct EIRP (dBm)	Conduct Limit (dBm)	EIRP Margin (dB)	Pol.
low	27.5	100	3	QPSK	1980	-1.91	22	-23.91	-5	18.91	H
low	27.5	100	3	QPSK	1980	-0.11	22	-22.11	-5	17.11	V
low	27.49	100	3	QPSK	1980	-2.73	22	-24.73	-13	11.73	H
low	37.49	100	3	QPSK	1980	-1.38	22	-23.38	-13	10.38	V



15:41:00 02.02.2024

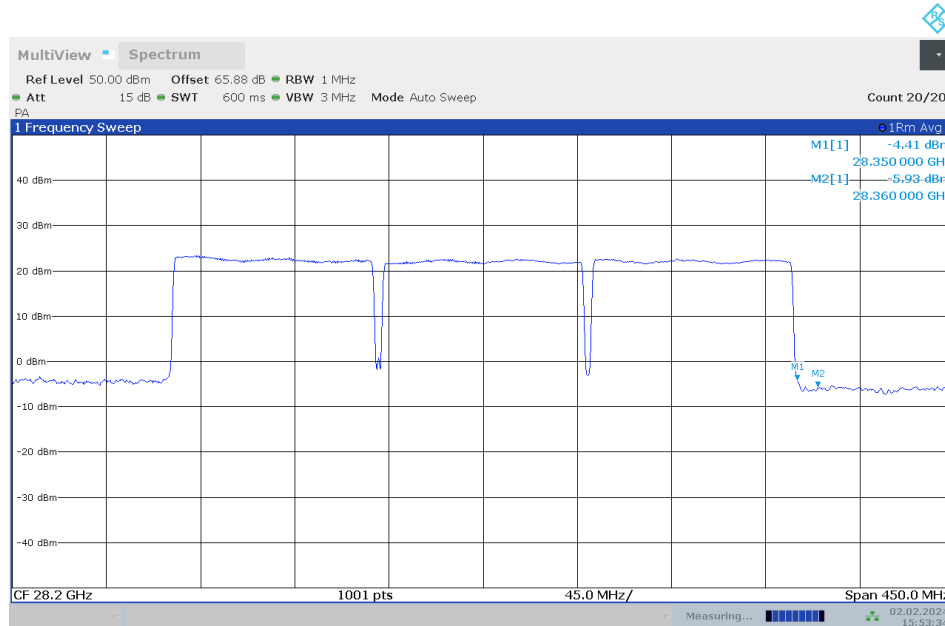
Band Edge (n261, 3CC, 100MHz, FULL RB, QPSK, low channel, H)



11:22:10 01.02.2024

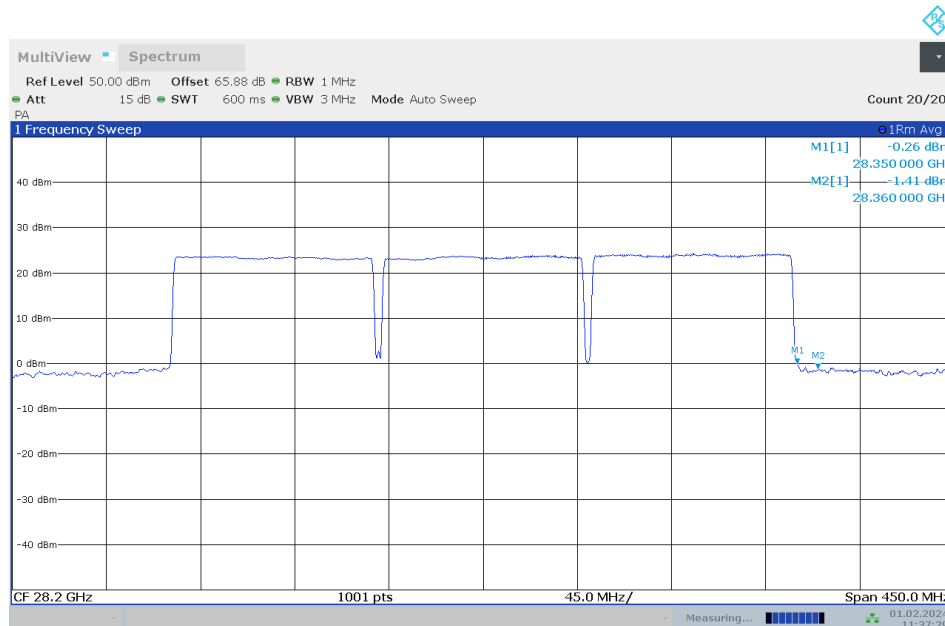
Band Edge (n261, 3CC, 100MHz, FULL RB, QPSK, low channel, V)

Channel	Freq. (GHz)	BW (MHz)	CCs	Modulation	RB	Avg EIRP (dBm)	Antenna Gain (dBi)	Conduct EIRP (dBm)	Conduct Limit (dBm)	EIRP Margin (dB)	Pol.
high	28.35	100	3	QPSK	1980	-4.41	22	-26.41	-5	21.41	H
high	28.35	100	3	QPSK	1980	-0.26	22	-22.26	-5	17.26	V
high	28.36	100	3	QPSK	1980	-5.93	22	-27.93	-13	14.93	H
high	28.36	100	3	QPSK	1980	-1.41	22	-23.41	-13	10.41	V



15:53:35 02.02.2024

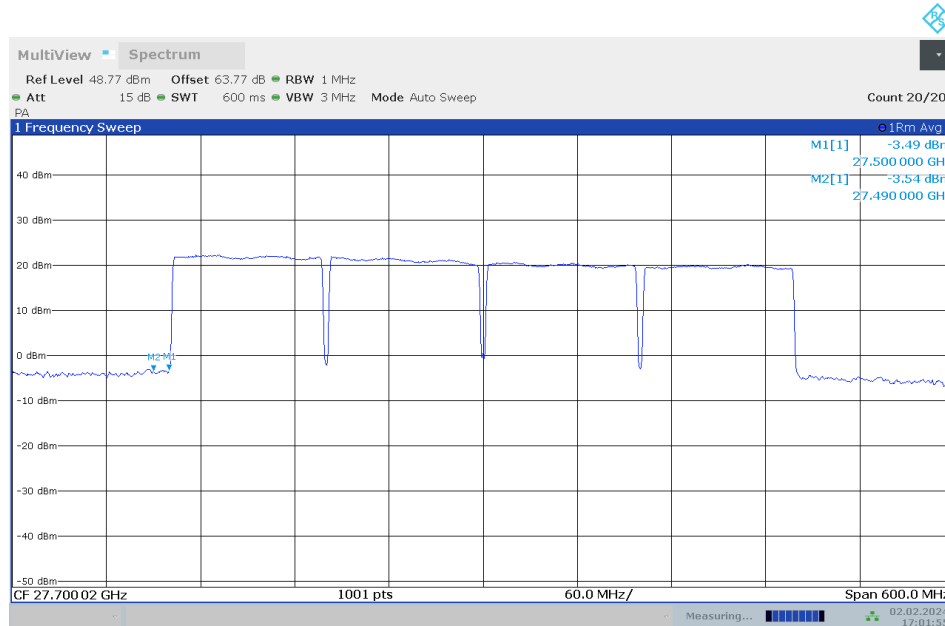
Band Edge (n261, 3CC, 100MHz, FULL RB, QPSK, high channel, H)



11:37:30 01.02.2024

Band Edge (n261, 3CC, 100MHz, FULL RB, QPSK, high channel, V)

Channel	Freq. (GHz)	BW (MHz)	CCs	Modulation	RB	Avg EIRP (dBm)	Antenna Gain (dBi)	Conduct EIRP (dBm)	Conduct Limit (dBm)	EIRP	Margin (dB)	Pol.
low	27.5	100	4	64QAM	2640	-3.49	22	-25.49	-5		20.49	H
low	27.5	100	4	QPSK	2640	-1.87	22	-23.87	-5		18.87	V
low	27.49	100	4	64QAM	2640	-3.54	22	-25.54	-13		12.54	H
low	37.49	100	4	QPSK	2640	-2.24	22	-24.24	-13		11.24	V



17:01:56 02.02.2024

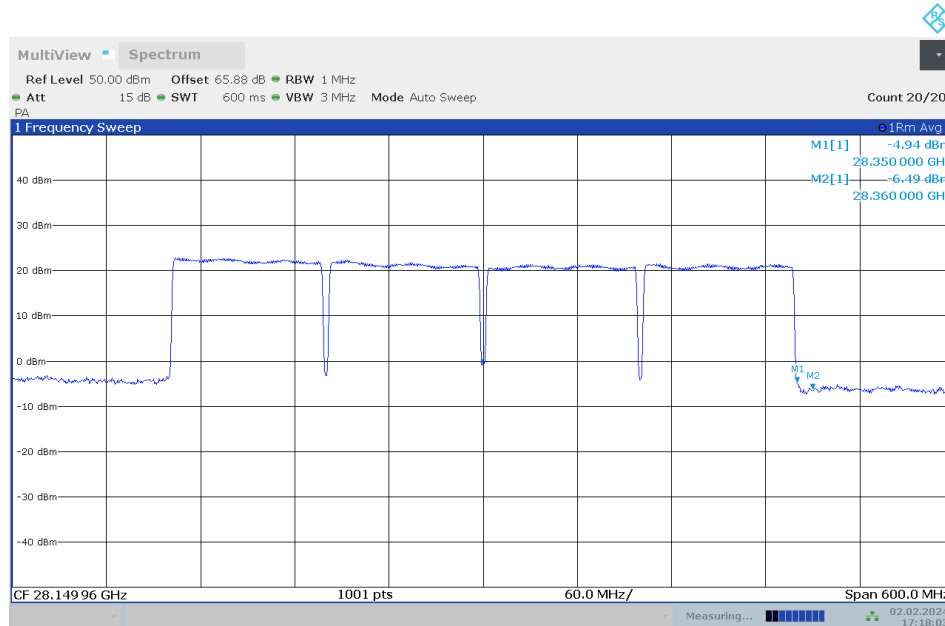
Band Edge (n261, 4CC, 100MHz, FULL RB, 64QAM, low channel, H)



14:01:05 01.02.2024

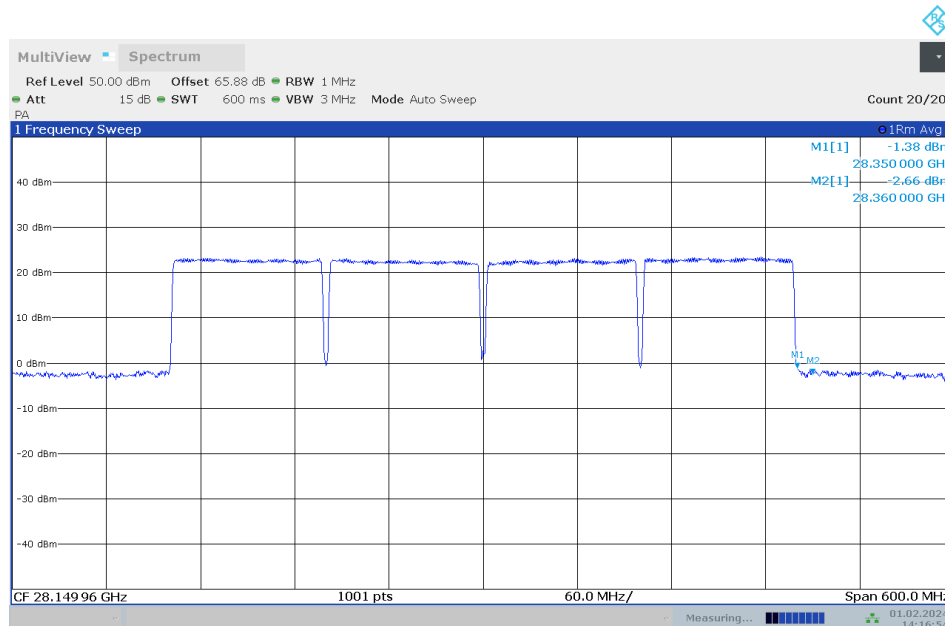
Band Edge (n261, 4CC, 100MHz, FULL RB, QPSK, low channel, V)

Channel	Freq. (GHz)	BW (MHz)	CCs	Modulation	RB	Avg EIRP (dBm)	Antenna Gain (dBi)	Conduct EIRP (dBm)	Conduct Limit (dBm)	EIRP	Margin (dB)	Pol.
high	28.35	100	4	64QAM	2640	-4.94	22	-26.94	-5		21.94	H
high	28.35	100	4	QPSK	2640	-1.38	22	-23.38	-5		18.38	V
high	28.36	100	4	64QAM	2640	-6.49	22	-28.49	-13		15.49	H
high	28.36	100	4	QPSK	2640	-2.66	22	-24.66	-13		11.66	V



17:18:03 02.02.2024

Band Edge (n261, 4CC, 100MHz, FULL RB, 64QAM, high channel, H)



14:16:55 01.02.2024

Band Edge (n261, 4CC, 100MHz, FULL RB, QPSK, high channel, V)

ANNEX E: Reference Beam Tables

Beam11 is the vertical polarization [0,0] direction angle, and beam139 is the horizontal polarization [0,0] direction angle. Beam 11 and Beam 139 are corresponding to the maximum gain direction angle in the two polarization directions of the antenna.

Reference Beam Table - V Polarization

BWT004_TinV4							BWT004_TinV4						
beam ID	Polarization	type	RF resources used		beam direction (deg)		beam ID	Polarization	type	RF resources used		beam direction (deg)	
			num RFICs	ants per RFIC	AZ	EL				num RFICs	ants per RFIC	AZ	EL
0	V	delay	1	1	-	-	64	V	fine	8	8	-60	-45
1	V	delay	1	1	-	-	65	V	fine	8	8	0	-45
2	V	delay	1	1	-	-	66	V	fine	8	8	15	-45
3	V	delay	1	1	-	-	67	V	fine	8	8	-15	-45
4	V	delay	2	1	-	-	68	V	fine	8	8	30	-45
5	V	delay	2	1	-	-	69	V	fine	8	8	-30	-45
6	V	delay	2	1	-	-	70	V	fine	8	8	45	-45
7	V	delay	2	1	-	-	71	V	fine	8	8	-45	-45
8	V	delay	4	1	-	-	72	V	fine	8	8	60	-45
9	V	delay	8	1	-	-	73	V	fine	8	8	-60	-45
10	V	delay	8	8	-	-	74	V	fine	8	8	0	-60
11	V	fine	8	8	0	0	75	V	fine	8	8	15	-60
12	V	fine	8	8	15	0	76	V	fine	8	8	-15	-60
13	V	fine	8	8	-15	0	77	V	fine	8	8	30	-60
14	V	fine	8	8	30	0	78	V	fine	8	8	-30	-60
15	V	fine	8	8	-30	0	79	V	fine	8	8	45	-60
16	V	fine	8	8	45	0	80	V	fine	8	8	-45	-60
17	V	fine	8	8	-45	0	81	V	fine	8	8	60	-60
18	V	fine	8	8	60	0	82	V	fine	8	8	-60	-60
19	V	fine	8	8	-60	0	83	V	fine	8	8	0	60
20	V	fine	8	8	0	-15	84	V	fine	8	8	15	60
21	V	fine	8	8	15	-15	85	V	fine	8	8	-15	60
22	V	fine	8	8	-15	-15	86	V	fine	8	8	30	60
23	V	fine	8	8	30	-15	87	V	fine	8	8	-30	60
24	V	fine	8	8	-30	-15	88	V	fine	8	8	45	60
25	V	fine	8	8	45	-15	89	V	fine	8	8	-45	60
26	V	fine	8	8	-45	-15	90	V	fine	8	8	60	60
27	V	fine	8	8	60	-15	91	V	fine	8	8	-60	60
28	V	fine	8	8	-60	-15	92	V	Left Half array	4	8	0	0
29	V	fine	8	8	0	15	93	V	Left Half array	4	8	60	0
30	V	fine	8	8	15	15	94	V	Left Half array	4	8	-60	0
31	V	fine	8	8	-15	15	95	V	Left Half array	4	8	0	-60
32	V	fine	8	8	30	15	96	V	Left Half array	4	8	0	60
33	V	fine	8	8	-30	15	97	V	Upper Half Array	4	8	0	0
34	V	fine	8	8	45	15	98	V	Upper Half Array	4	8	60	0
35	V	fine	8	8	-45	15	99	V	Upper Half Array	4	8	-60	0
36	V	fine	8	8	60	15	100	V	Upper Half Array	4	8	0	-60
37	V	fine	8	8	-60	15	101	V	Upper Half Array	4	8	0	60
38	V	fine	8	8	0	-30	102						
39	V	fine	8	8	15	-30	103						
40	V	fine	8	8	-15	-30	104						
41	V	fine	8	8	30	-30	105						
42	V	fine	8	8	-30	-30	106						
43	V	fine	8	8	45	-30	107						
44	V	fine	8	8	-45	-30	108	V	broad	8	8	45	-3
45	V	fine	8	8	60	-30	109	V	broad	8	8	15	-3
46	V	fine	8	8	-60	-30	110	V	broad	8	8	-15	-3
47	V	fine	8	8	0	30	111	V	broad	8	8	45	-13
48	V	fine	8	8	15	30	112	V	broad	8	8	15	-13
49	V	fine	8	8	-15	30	113	V	broad	8	8	-15	-13
50	V	fine	8	8	30	30	114	V	broad	8	8	45	-13
51	V	fine	8	8	-30	30	115	V	broad	8	8	15	-24
52	V	fine	8	8	45	30	116	V	broad	8	8	-15	-24
53	V	fine	8	8	-45	30	117	V	broad	8	8	15	-24
54	V	fine	8	8	60	30	118	V	broad	8	8	-15	-24
55	V	fine	8	8	-60	30	119	V	broad	8	8	45	-38
56	V	fine	8	8	0	-45	120	V	broad	8	8	15	-38
57	V	fine	8	8	15	-45	121	V	broad	8	8	-15	-38
58	V	fine	8	8	-15	-45	122	V	broad	8	8	45	-38
59	V	fine	8	8	30	-45	123	V	broad	8	8	15	-38
60	V	fine	8	8	-30	-45	124						
61	V	fine	8	8	45	-45	125						
62	V	fine	8	8	-45	-45	126						
63	V	fine	8	8	60	-45	127						

Reference Beam Table - H Polarization

BWT004_TinV4							BWT004_TinV4						
beam ID	Polarization	type	RF resources used		beam direction (deg)		beam ID	Polarization	type	RF resources used		beam direction (deg)	
			num RPICs	ants per RPIC	AZ	EL				num RPICs	ants per RPIC	AZ	EL
128	H	debug	1	1	-	-	192	H	fine	8	8	-60	-45
129	H	debug	1	1	-	-	193	H	fine	8	8	0	-45
130	H	debug	1	1	-	-	194	H	fine	8	8	15	-45
131	H	debug	1	1	-	-	195	H	fine	8	8	-15	-45
132	H	debug	2	1	-	-	196	H	fine	8	8	30	-45
133	H	debug	2	1	-	-	197	H	fine	8	8	-30	-45
134	H	debug	2	1	-	-	198	H	fine	8	8	45	-45
135	H	debug	2	1	-	-	199	H	fine	8	8	-45	-45
136	H	debug	4	1	-	-	200	H	fine	8	8	60	-45
137	H	debug	8	1	-	-	201	H	fine	8	8	-60	-45
138	H	debug	8	8	-	-	202	H	fine	8	8	0	-60
139	H	fine	8	8	0	0	203	H	fine	8	8	15	-60
140	H	fine	8	8	15	0	204	H	fine	8	8	-15	-60
141	H	fine	8	8	-15	0	205	H	fine	8	8	30	-60
142	H	fine	8	8	30	0	206	H	fine	8	8	-30	-60
143	H	fine	8	8	-30	0	207	H	fine	8	8	45	-60
144	H	fine	8	8	45	0	208	H	fine	8	8	-45	-60
145	H	fine	8	8	-45	0	209	H	fine	8	8	60	-60
146	H	fine	8	8	60	0	210	H	fine	8	8	-60	-60
147	H	fine	8	8	-60	0	211	H	fine	8	8	0	60
148	H	fine	8	8	0	-15	212	H	fine	8	8	15	60
149	H	fine	8	8	15	-15	213	H	fine	8	8	-15	60
150	H	fine	8	8	-15	-15	214	H	fine	8	8	30	60
151	H	fine	8	8	30	-15	215	H	fine	8	8	-30	60
152	H	fine	8	8	-30	-15	216	H	fine	8	8	45	60
153	H	fine	8	8	45	-15	217	H	fine	8	8	-45	60
154	H	fine	8	8	-45	-15	218	H	fine	8	8	60	60
155	H	fine	8	8	60	-15	219	H	fine	8	8	-60	60
156	H	fine	8	8	-60	-15	220	H	Left Half array	4	8	0	0
157	H	fine	8	8	0	15	221	H	Left Half array	4	8	60	0
158	H	fine	8	8	15	15	222	H	Left Half array	4	8	-60	0
159	H	fine	8	8	-15	15	223	H	Left Half array	4	8	0	-60
160	H	fine	8	8	30	15	224	H	Left Half array	4	8	0	60
161	H	fine	8	8	-30	15	225	H	Upper Half Array	4	8	0	0
162	H	fine	8	8	45	15	226	H	Upper Half Array	4	8	60	0
163	H	fine	8	8	-45	15	227	H	Upper Half Array	4	8	-60	0
164	H	fine	8	8	60	15	228	H	Upper Half Array	4	8	0	-60
165	H	fine	8	8	-60	15	229	H	Upper Half Array	4	8	0	60
166	H	fine	8	8	0	-30	230						
167	H	fine	8	8	15	-30	231						
168	H	fine	8	8	-15	-30	232						
169	H	fine	8	8	30	-30	233						
170	H	fine	8	8	-30	-30	234						
171	H	fine	8	8	45	-30	235						
172	H	fine	8	8	-45	-30	236	H	broad	8	8	45	-3
173	H	fine	8	8	60	-30	237	H	broad	8	8	15	-3
174	H	fine	8	8	-60	-30	238	H	broad	8	8	-15	-3
175	H	fine	8	8	0	30	239	H	broad	8	8	-45	-3
176	H	fine	8	8	15	30	240	H	broad	8	8	45	-13
177	H	fine	8	8	-15	30	241	H	broad	8	8	15	-13
178	H	fine	8	8	30	30	242	H	broad	8	8	-15	-13
179	H	fine	8	8	-30	30	243	H	broad	8	8	-45	-13
180	H	fine	8	8	45	30	244	H	broad	8	8	45	-24
181	H	fine	8	8	-45	30	245	H	broad	8	8	15	-24
182	H	fine	8	8	60	30	246	H	broad	8	8	-15	-24
183	H	fine	8	8	-60	30	247	H	broad	8	8	-45	-24
184	H	fine	8	8	0	-45	248	H	broad	8	8	45	-38
185	H	fine	8	8	15	-45	249	H	broad	8	8	15	-38
186	H	fine	8	8	-15	-45	250	H	broad	8	8	-15	-38
187	H	fine	8	8	30	-45	251	H	broad	8	8	-45	-38
188	H	fine	8	8	-30	-45	252						
189	H	fine	8	8	45	-45	253						
190	H	fine	8	8	-45	-45	254						
191	H	fine	8	8	60	-45	255						

ANNEX F: PERSONS INVOLVED IN THIS TESTING

Test Item	Test operator
Output Power	Zhang Tianli & Ding Zai & Li Pengfei
Unwanted Emission	Zhang Tianli & Ding Zai & Li Pengfei
Frequency Stability	Chen Tianwei
Occupied Bandwidth	Zhang Tianli & Ding Zai & Li Pengfei
Band Edge Compliance	Zhang Tianli & Ding Zai & Li Pengfei

*****END OF REPORT*****