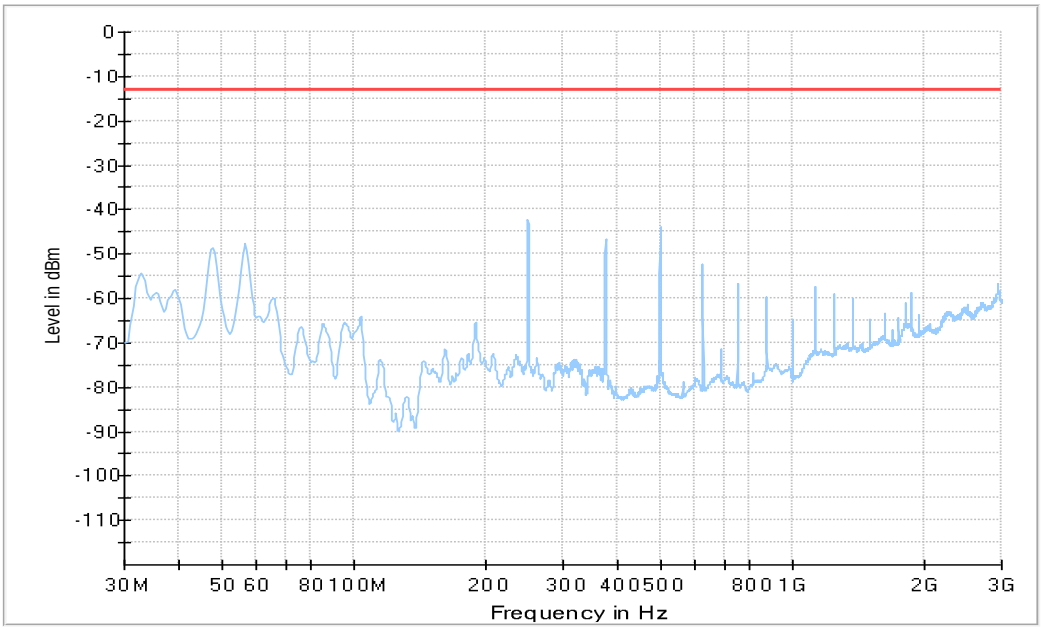
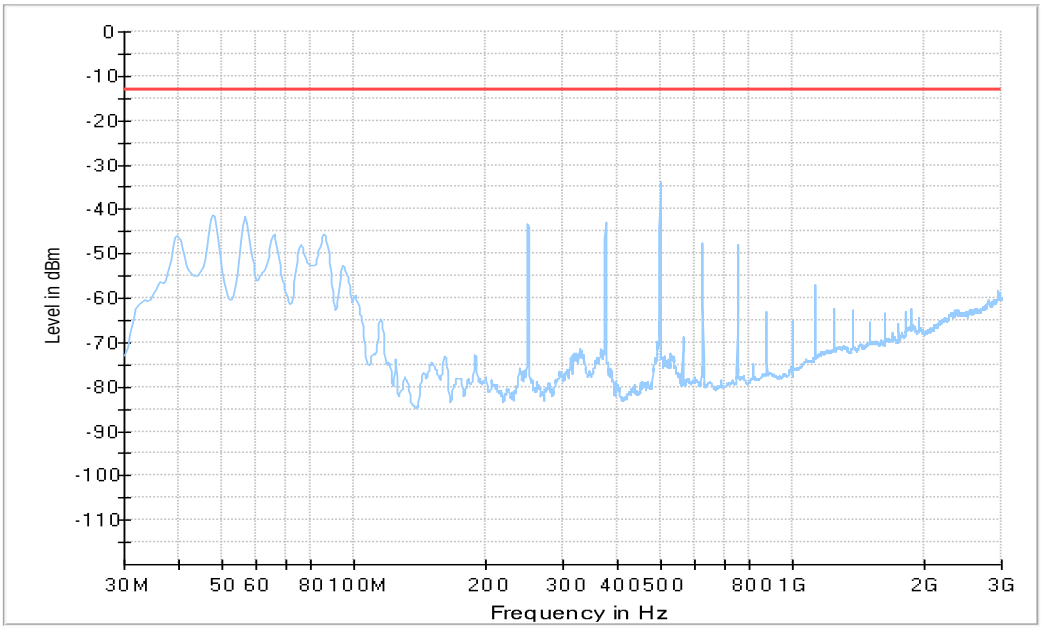
Channel	Freq.	BW	CCs	Modulation	RB	Avg EIRP	Anntenna Gain	Conduct EIRP	Conduct EIRP Limit	Margin	Pol.
	(MHz)	(MHz)				(dBm)	(dBi)	(dBm)	(dBm)	(dB)	
middle	26,027.59	100	4	64QAM	264/0	-21.94	22	-43.94	-13	30.94	H
middle	26,976.59	100	4	64QAM	264/0	-19.51	22	-41.51	-13	28.51	H
middle	27,383.71	100	4	64QAM	264/0	-9.06	22	-31.06	-13	18.06	H
middle	27,486.20	100	4	64QAM	264/0	-3.02	22	-25.02	-13	12.02	H
middle	28,360.48	100	4	64QAM	264/0	-5.47	22	-27.47	-13	14.47	H
middle	28,415.47	100	4	64QAM	264/0	-8.09	22	-30.09	-13	17.09	H

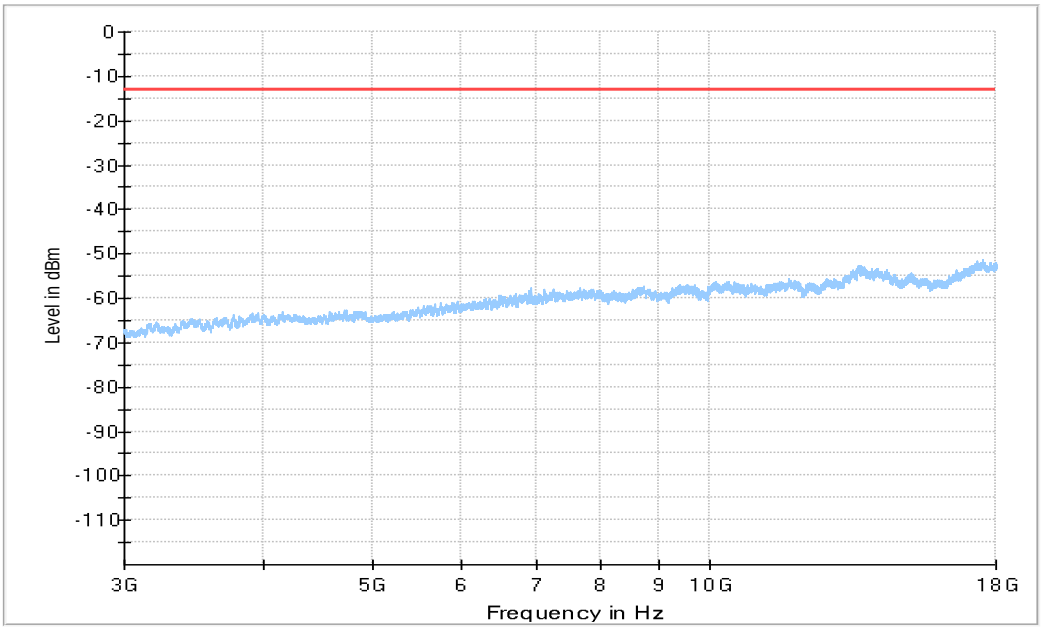
Channel	Freq.	BW	CCs	Modulation	RB	Avg EIRP	Anntenna Gain	Conduct EIRP	Conduct EIRP Limit	Margin	Pol.
	(MHz)	(MHz)				(dBm)	(dBi)	(dBm)	(dBm)	(dB)	
middle	26,249.66	100	4	QPSK	264/0	-8.75	22	-30.75	-13	17.75	V
middle	26,808.14	100	4	QPSK	264/0	-9.03	22	-31.03	-13	18.03	V
middle	27,366.63	100	4	QPSK	264/0	-4.75	22	-26.75	-13	13.75	V
middle	27,489.53	100	4	QPSK	264/0	-3.47	22	-25.47	-13	12.47	V
middle	28,360.48	100	4	QPSK	264/0	-2.38	22	-24.38	-13	11.38	V
middle	28,483.48	100	4	QPSK	264/0	-5.22	22	-27.22	-13	14.22	V



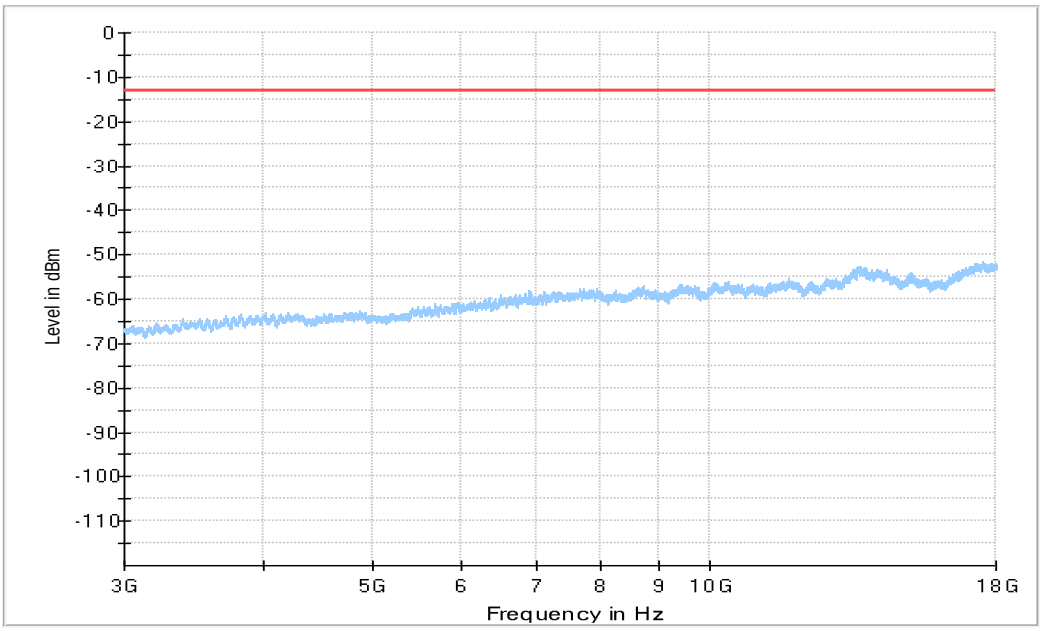
n261, Module0, 100MHz, 4CC, 64QAM, FULL RB, Middle channel, 30MHz-1GHz, H



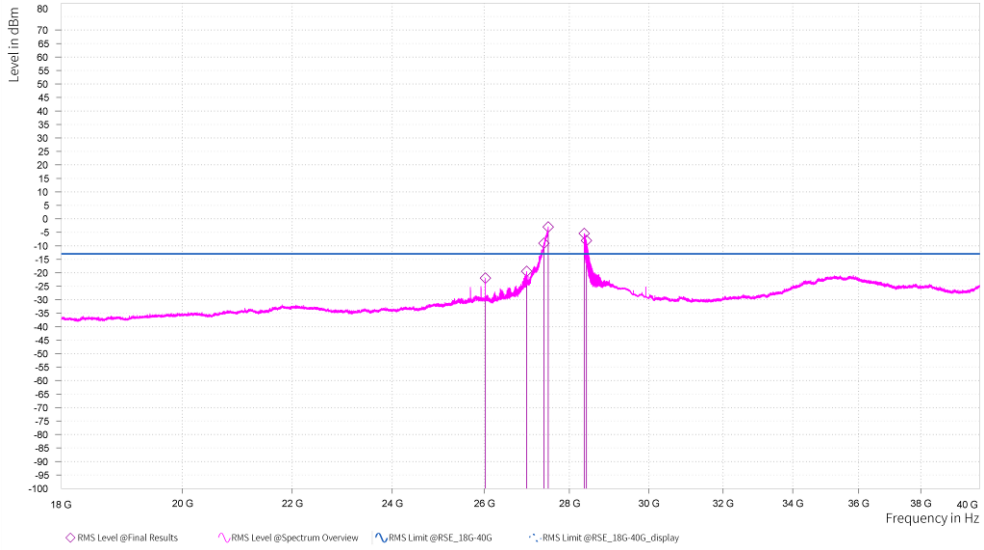
n261, Module0, 100MHz, 4CC, QPSK, FULL RB, Middle channel, 30MHz-1GHz, V



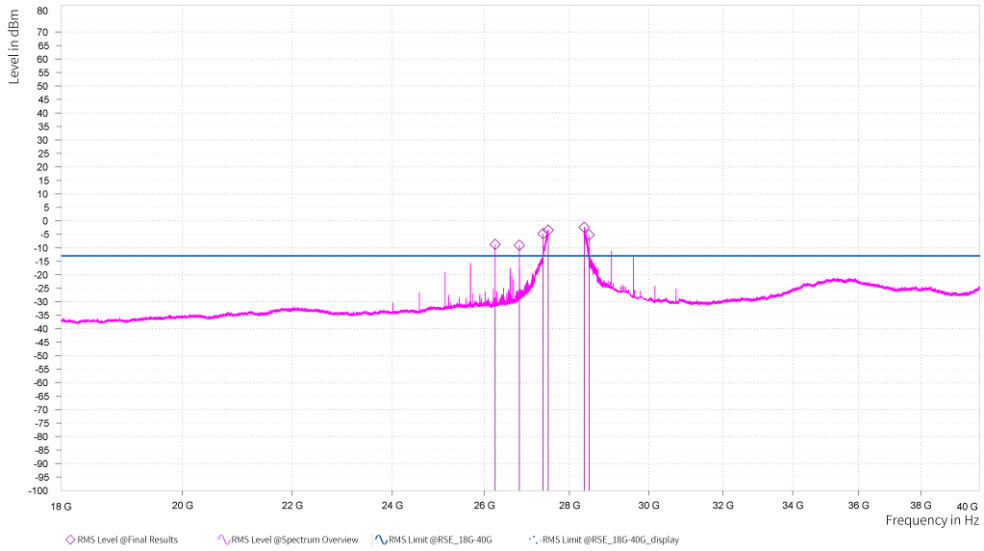
n261, Module0, 100MHz, 4CC, 64QAN, FULL RB, Middle channel, 1GHz-18GHz, H



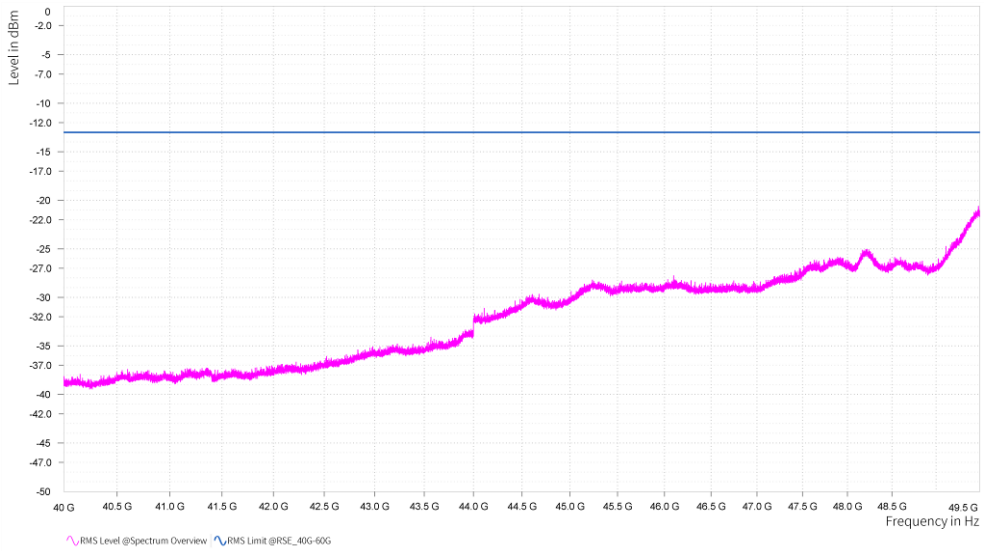
n261, Module0, 100MHz, 4CC, QPSK, FULL RB, Middle channel, 1GHz-18GHz, V



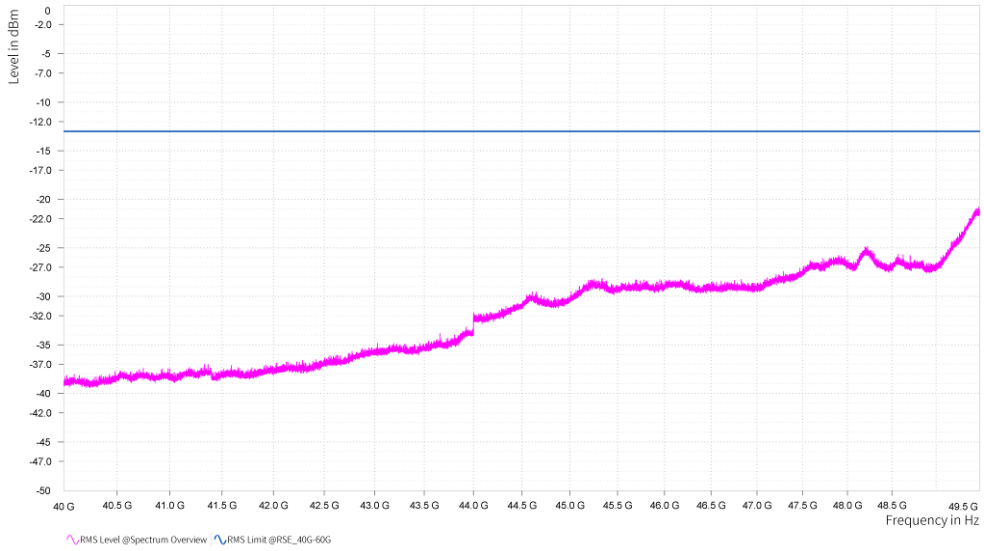
n261, Module0, 100MHz, 4CC, 64QAM, FULL RB, Middle channel, 18GHz-40GHz, H



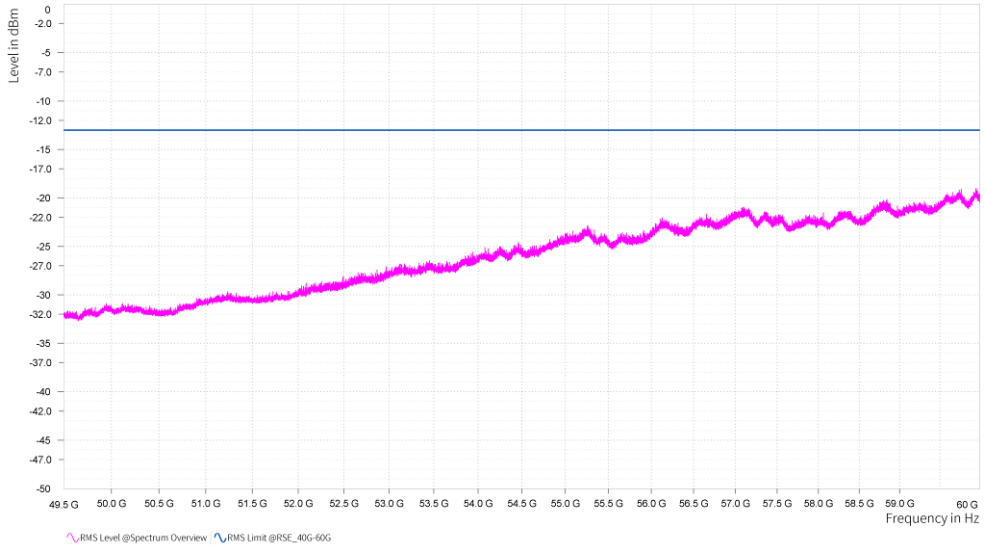
n261, Module0, 100MHz, 4CC, QPSK, FULL RB, Middle channel, 18GHz-40GHz, V



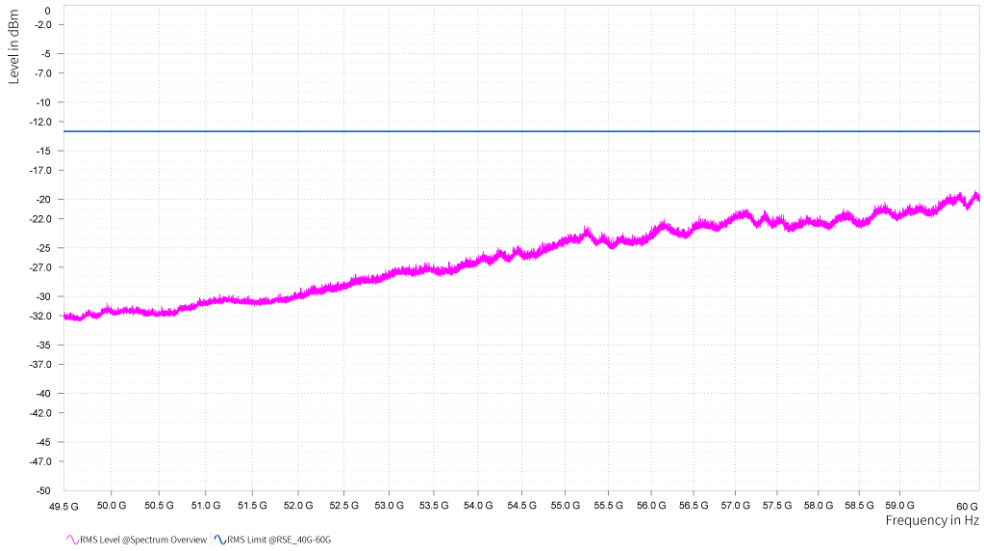
n261, Module0, 100MHz, 4CC, 64QAM, FULL RB, Middle channel, 40GHz-49.5GHz, H



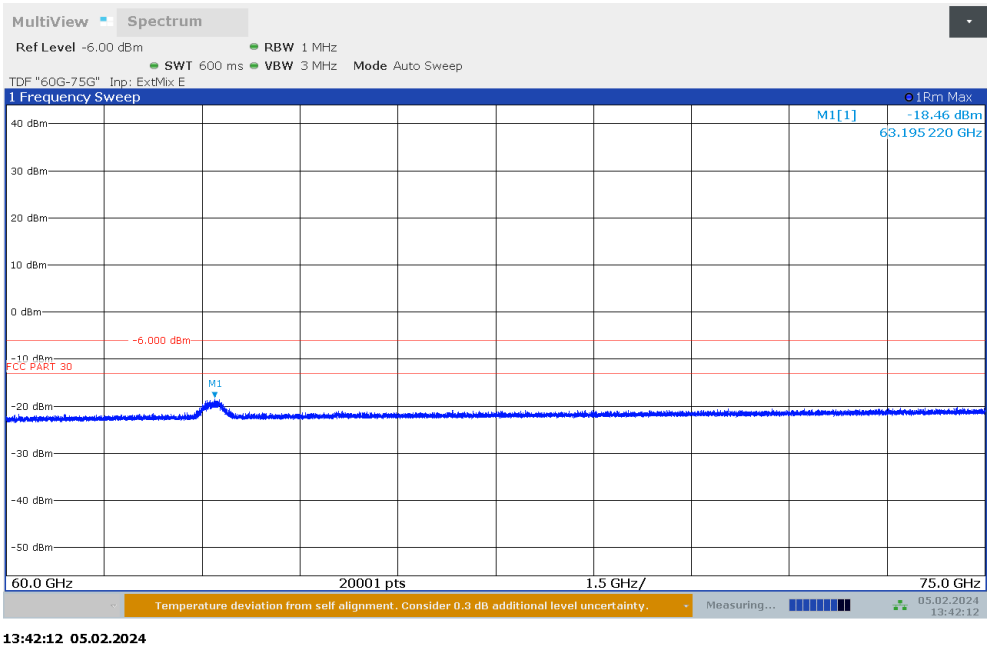
n261, Module0, 100MHz, 4CC, QPSK, FULL RB, Middle channel, 40GHz-49.5GHz, V



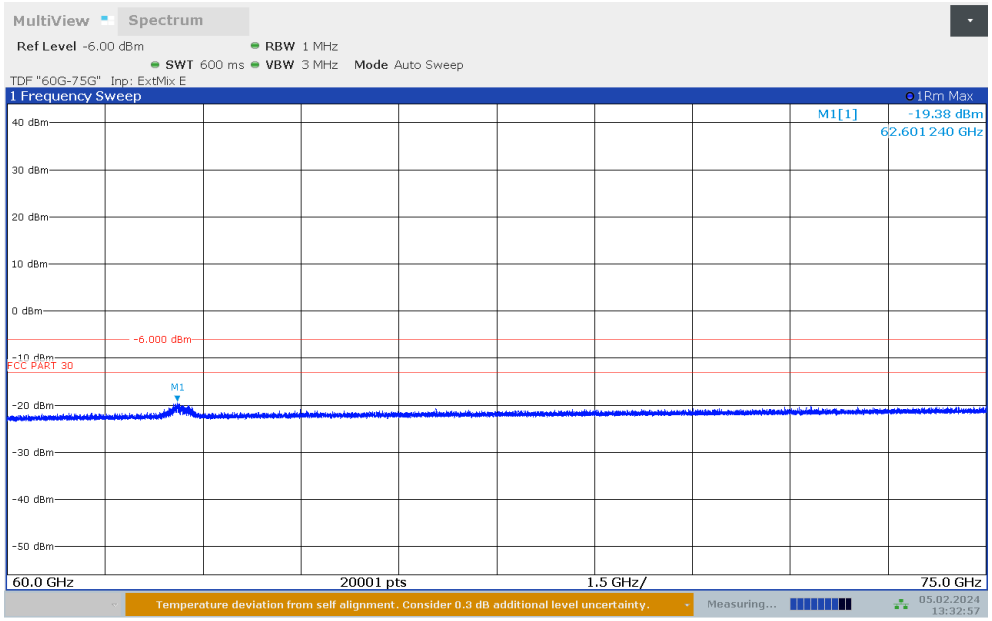
n261, Module0, 100MHz, 4CC, 64QAM, FULL RB, Middle channel, 49.5GHz-60GHz, H



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

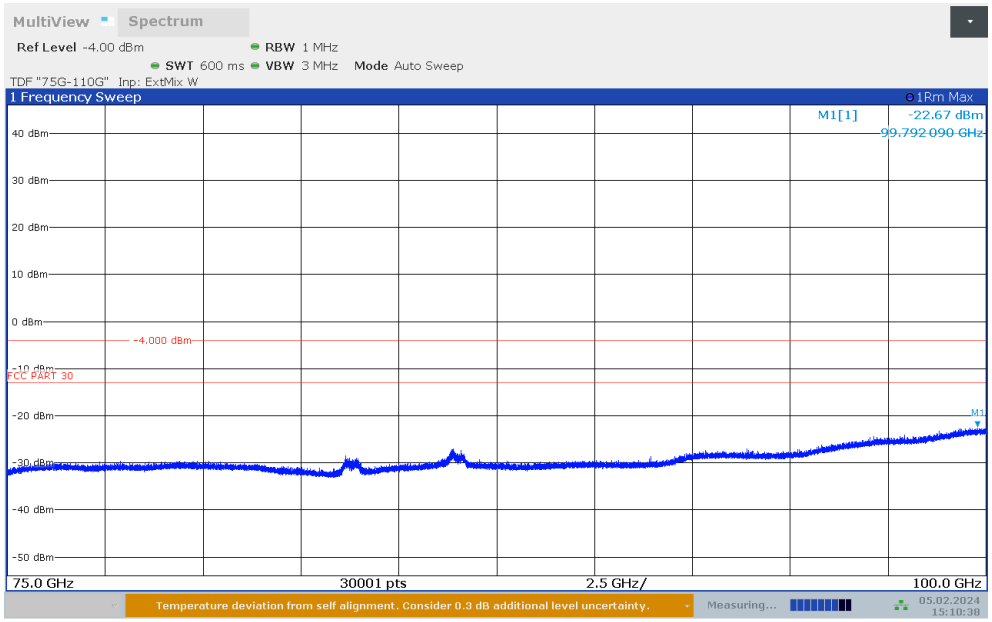


n261, Module0, 100MHz, 4CC, 64QAM, FULL RB, Middle channel, 60GHz-75GHz, H



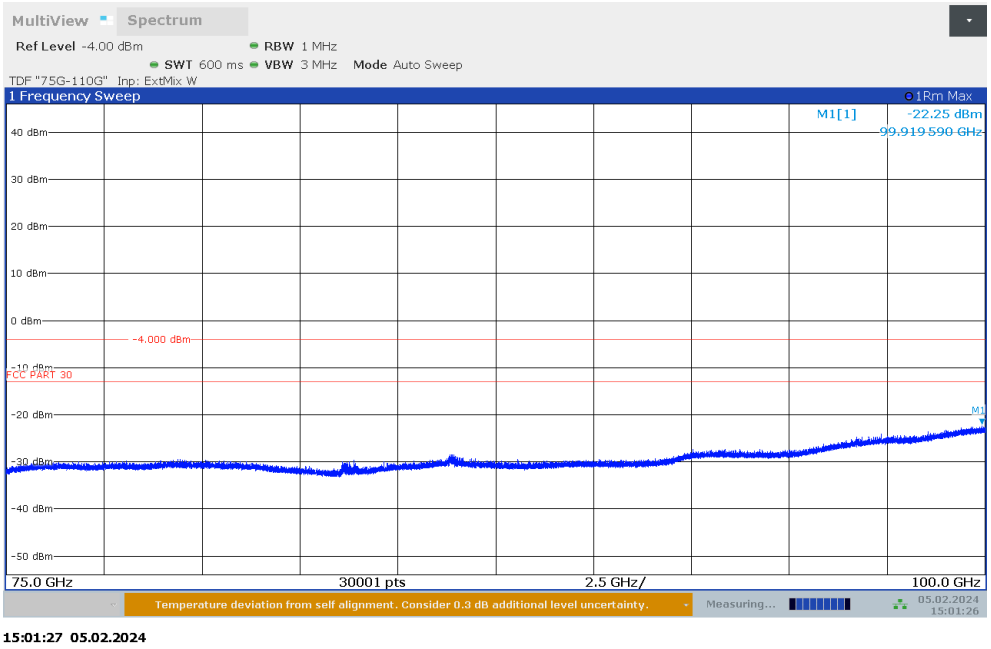
13:32:58 05.02.2024

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

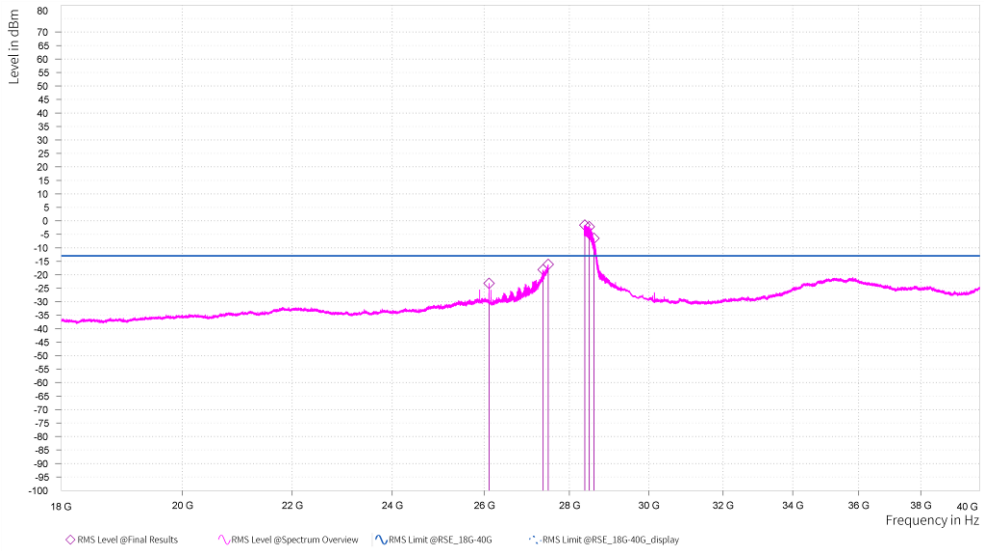


15:01:27 05.02.2024

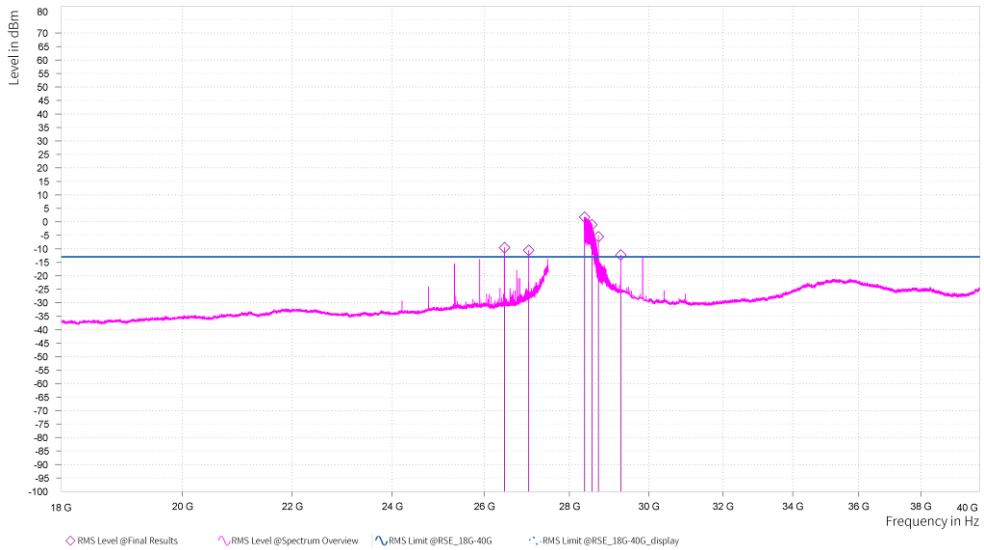
n261, Module0, 100MHz, 4CC, QPSK, FULL RB, Middle channel, 75GHz-100GHz, V

Channel	Freq.	BW	CCs	Modulation	RB	Avg EIRP	Anntenna Gain	Conduct EIRP	Conduct EIRP Limit	Margin	Pol.
	(MHz)	(MHz)				(dBm)	(dBi)	(dBm)	(dBm)	(dB)	
high	26,108.73	100	4	64QAM	264/0	-23.16	22	-45.16	-13	32.16	H
high	27,367.58	100	4	64QAM	264/0	-18.12	22	-40.12	-13	27.12	H
high	27,486.20	100	4	64QAM	264/0	-16.15	22	-38.15	-13	25.15	H
high	28,377.85	100	4	64QAM	264/0	-1.57	22	-23.57	-13	10.57	H
high	28,488.79	100	4	64QAM	264/0	-2.2	22	-24.2	-13	11.2	H
high	28,602.14	100	4	64QAM	264/0	-6.47	22	-28.47	-13	15.47	H

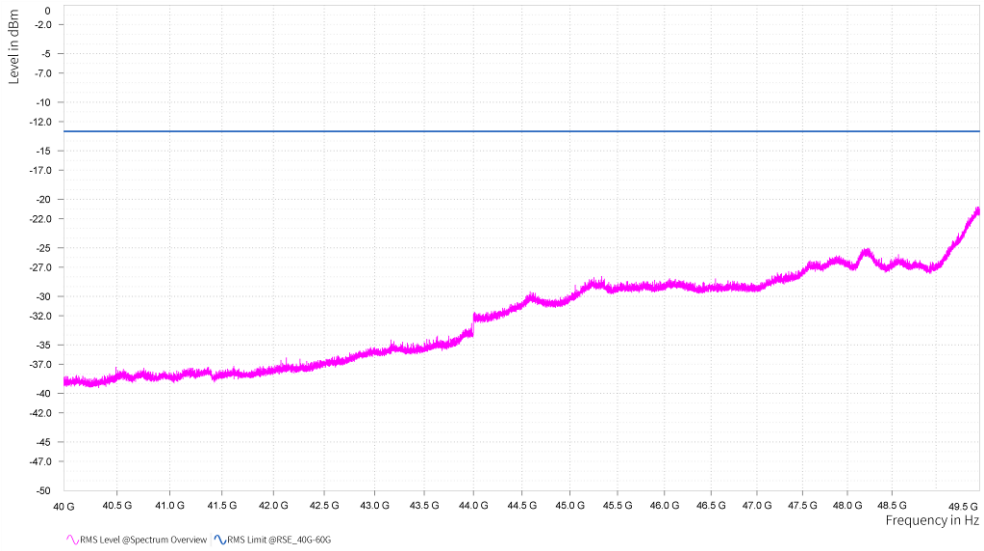
Channel	Freq.	BW	CCs	Modulation	RB	Avg EIRP	Anntenna Gain	Conduct EIRP	Conduct EIRP Limit	Margin	Pol.
	(MHz)	(MHz)				(dBm)	(dBi)	(dBm)	(dBm)	(dB)	
high	26,461.28	100	4	QPSK	264/0	-9.55	22	-31.55	-13	18.55	V
high	27,024.04	100	4	QPSK	264/0	-10.58	22	-32.58	-13	19.58	V
high	28,369.17	100	4	QPSK	264/0	1.76	22	-20.24	-13	7.24	V
high	28,554.39	100	4	QPSK	264/0	-1.07	22	-23.07	-13	10.07	V
high	28,712.60	100	4	QPSK	264/0	-5.48	22	-27.48	-13	14.48	V
high	29,275.99	100	4	QPSK	264/0	-12.34	22	-34.34	-13	21.34	V



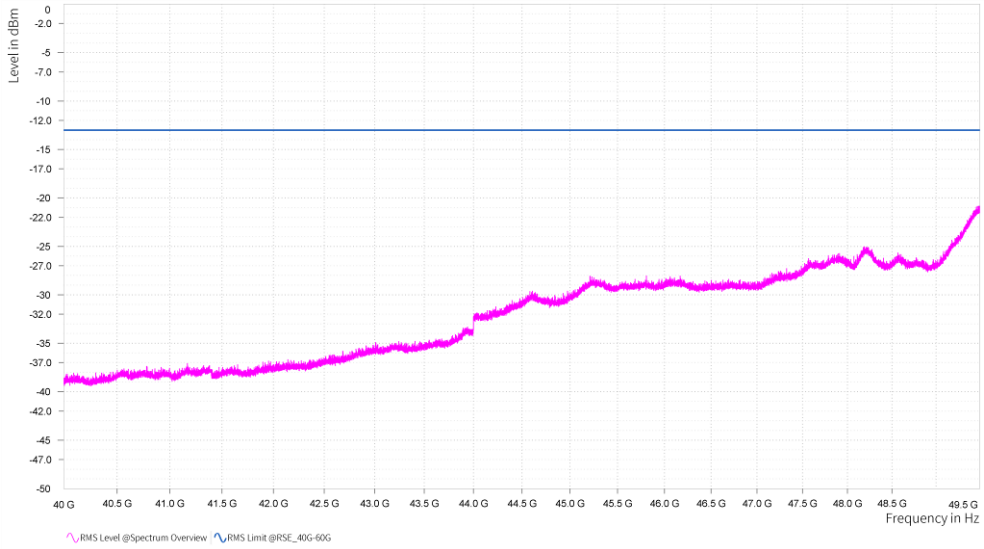
n261, Module0, 100MHz, 4CC, 64QAM, FULL RB, High channel, 18GHz-40GHz, H



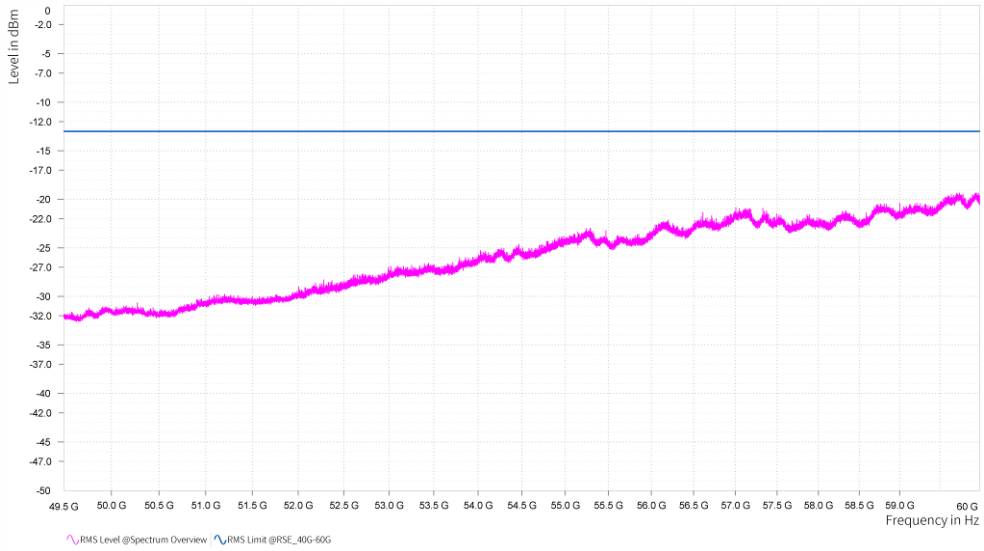
n261, Module0, 100MHz, 4CC, QPSK, FULL RB, High channel, 18GHz-40GHz, V



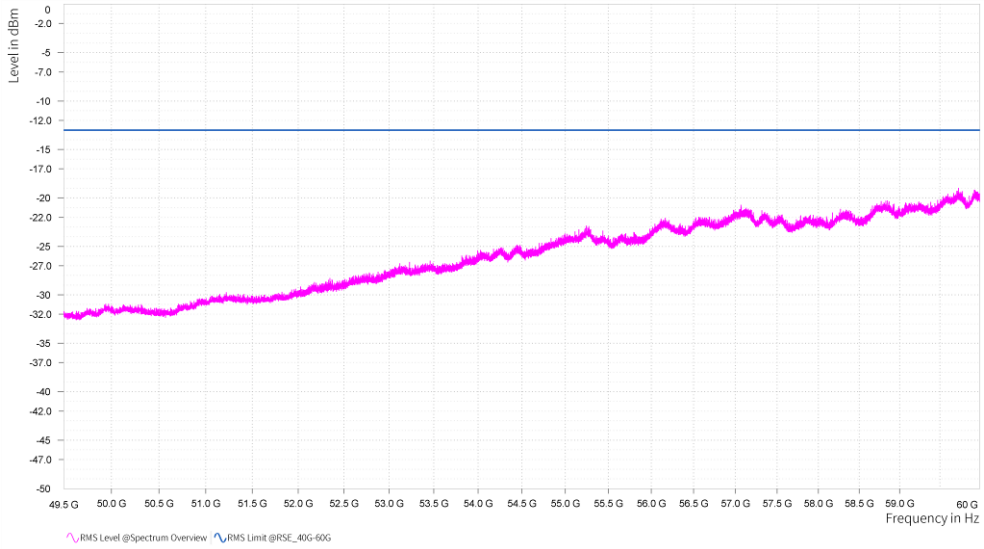
n261, Module0, 100MHz, 4CC, 64QAM, FULL RB, High channel, 40GHz-49.5GHz, H



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



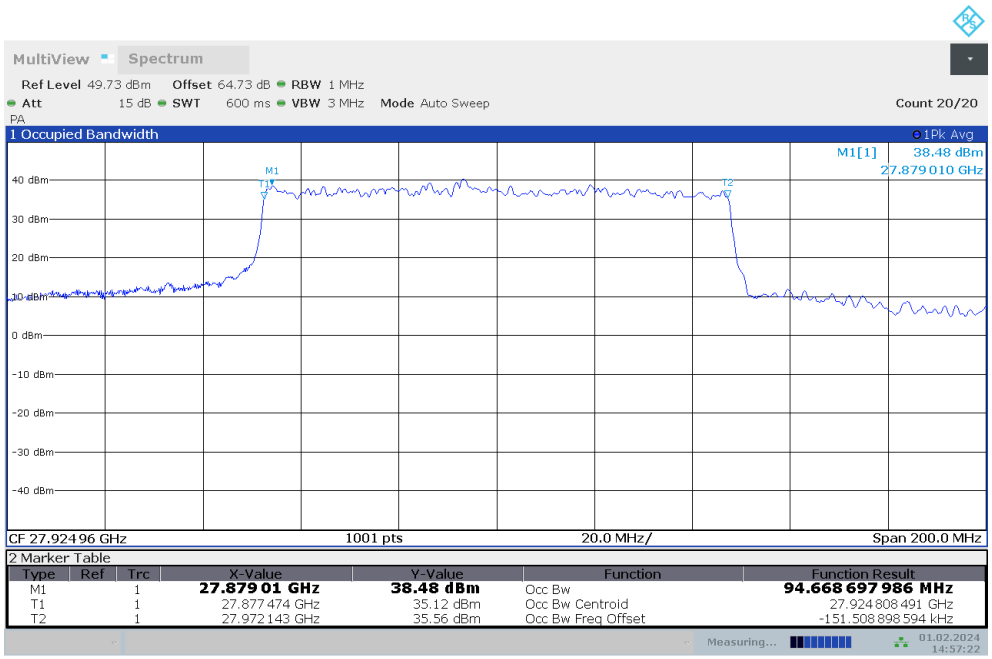
n261, Module0, 100MHz, 4CC, 64QAM, FULL RB, High channel, 49.5GHz-60GHz, H



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



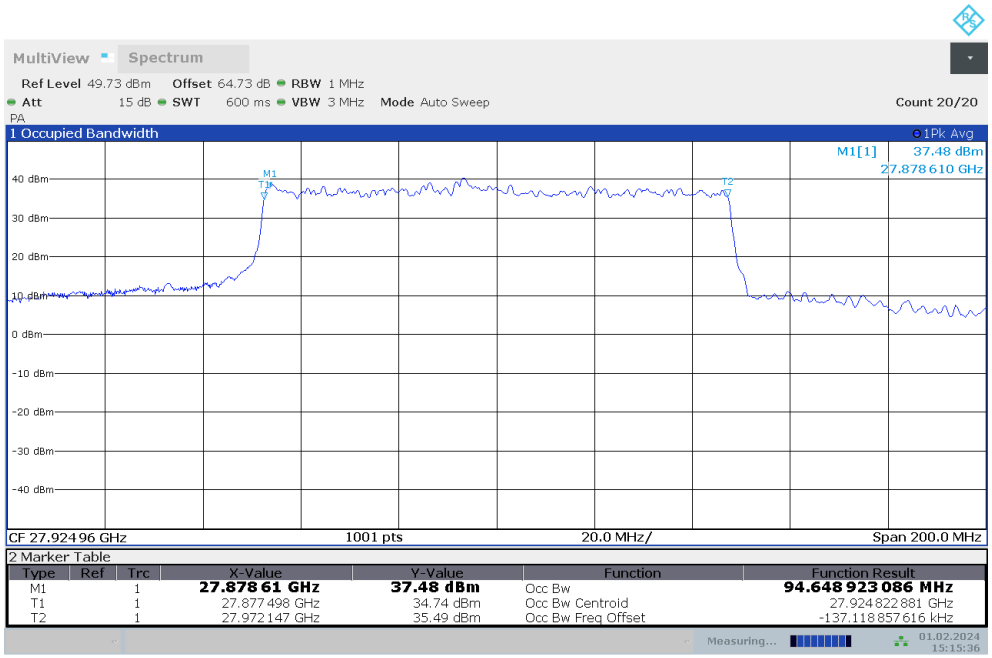
14:57:22 01.02.2024

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

20:57:14 31.01.2024

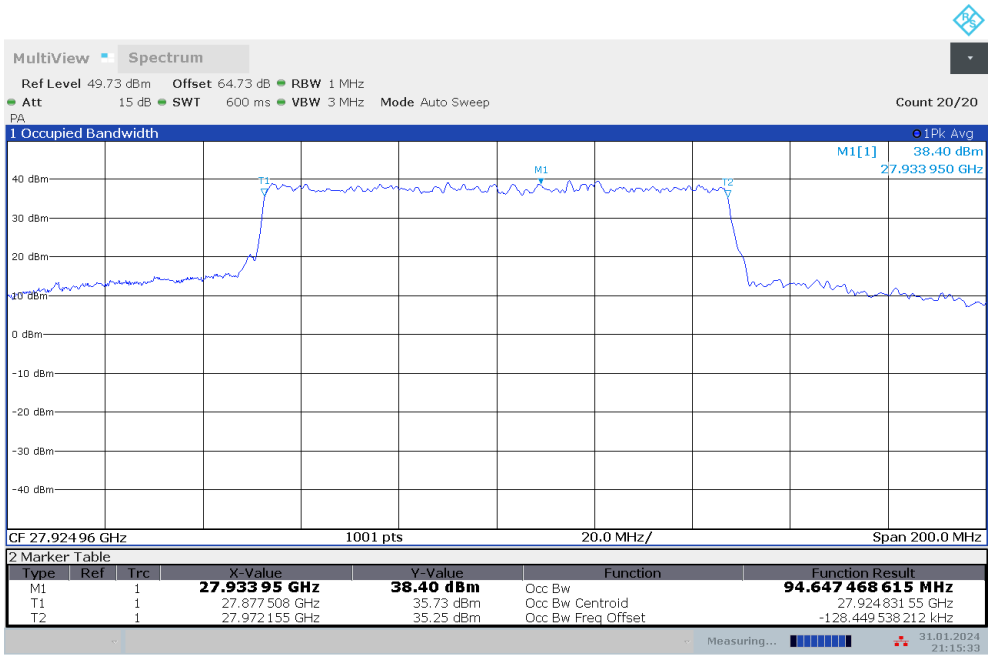
Occupied Bandwidth (n261, 1CC, 100MHz, FULL RB, QPSK, middle channel, V)

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

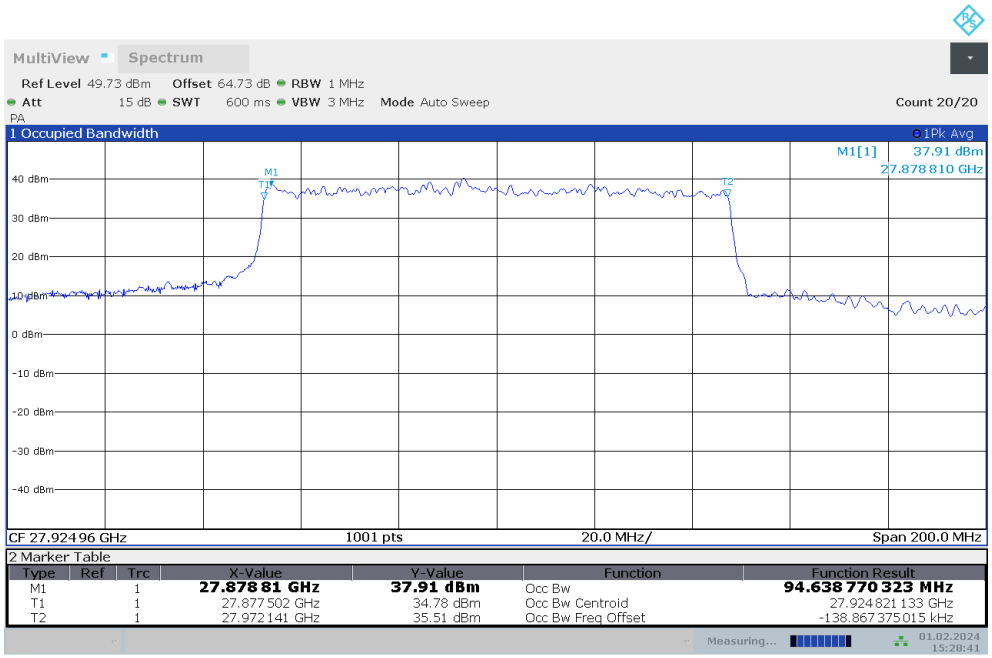
Occupied Bandwidth (n261, 1CC, 100MHz, FULL RB, 16QAM, middle channel, H)



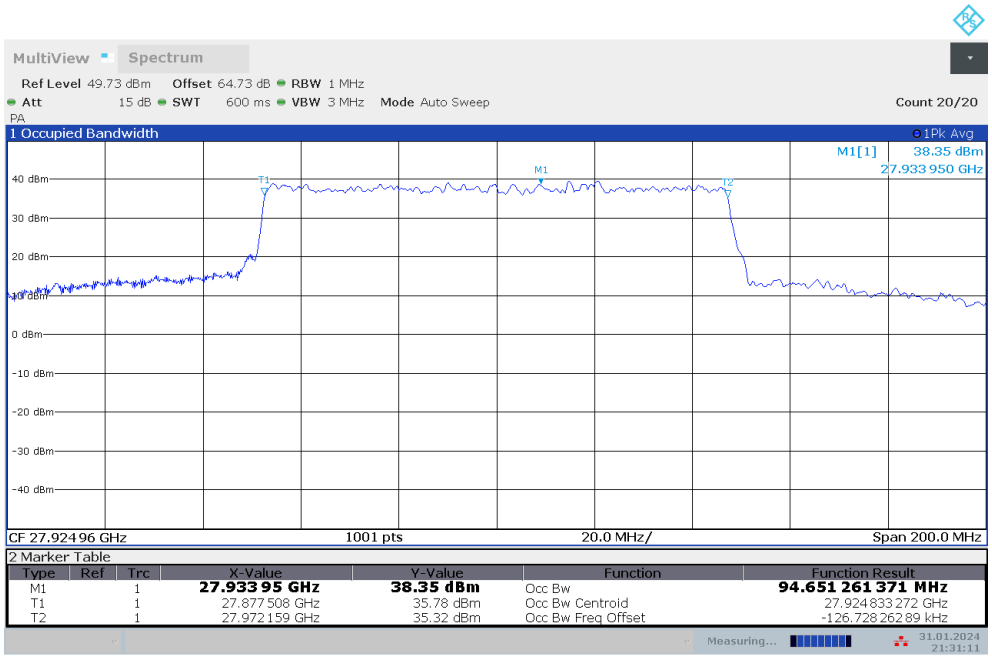
21:15:33 31.01.2024

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

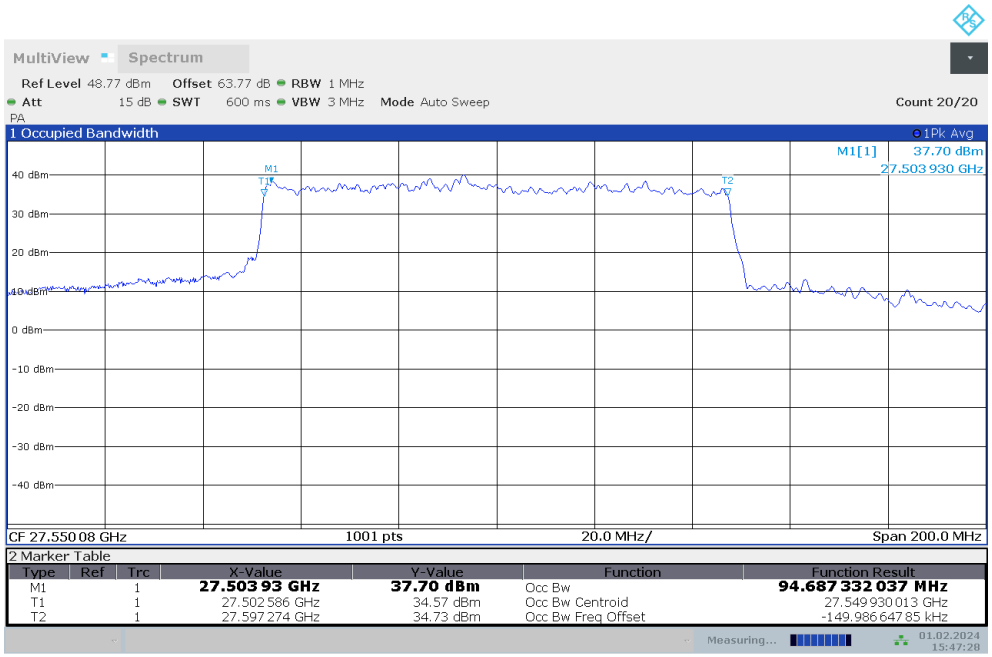


Occupied Bandwidth (n261, 1CC, 100MHz, FULL RB, 64QAM, middle channel, H)



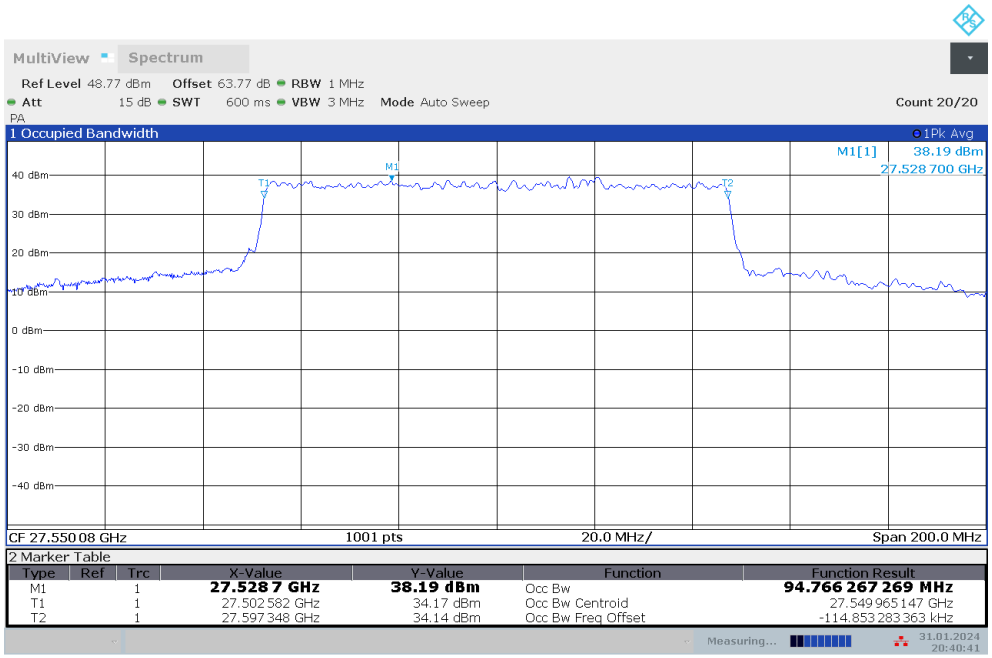
Occupied Bandwidth (n261, 1CC, 100MHz, FULL RB, 64QAM, middle channel, V)

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

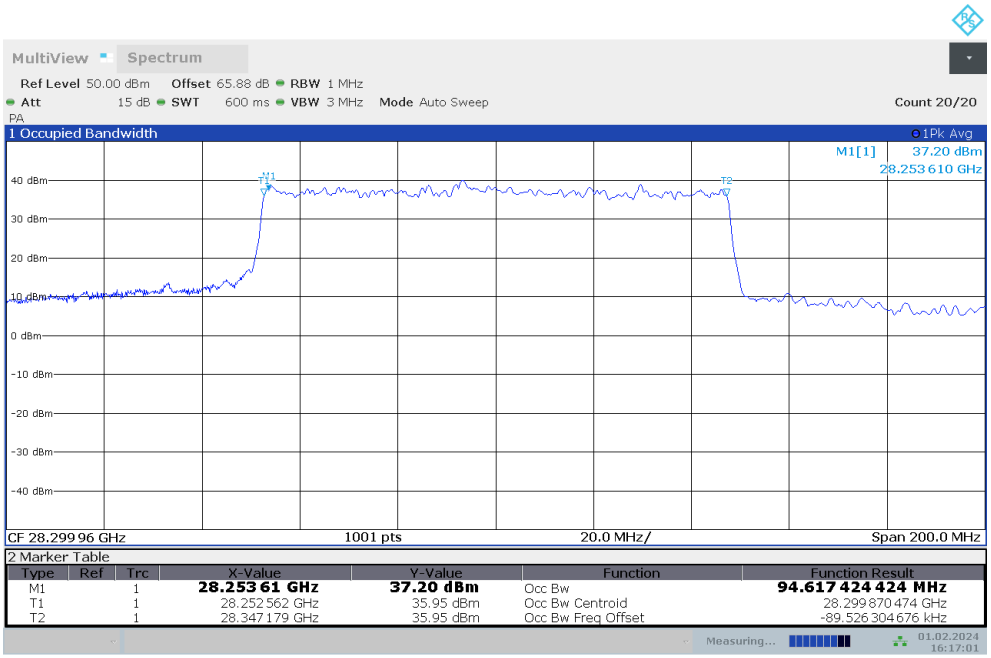
Occupied Bandwidth (n261, 1CC, 100MHz, FULL RB, QPSK, low channel, H)



20:40:41 31.01.2024

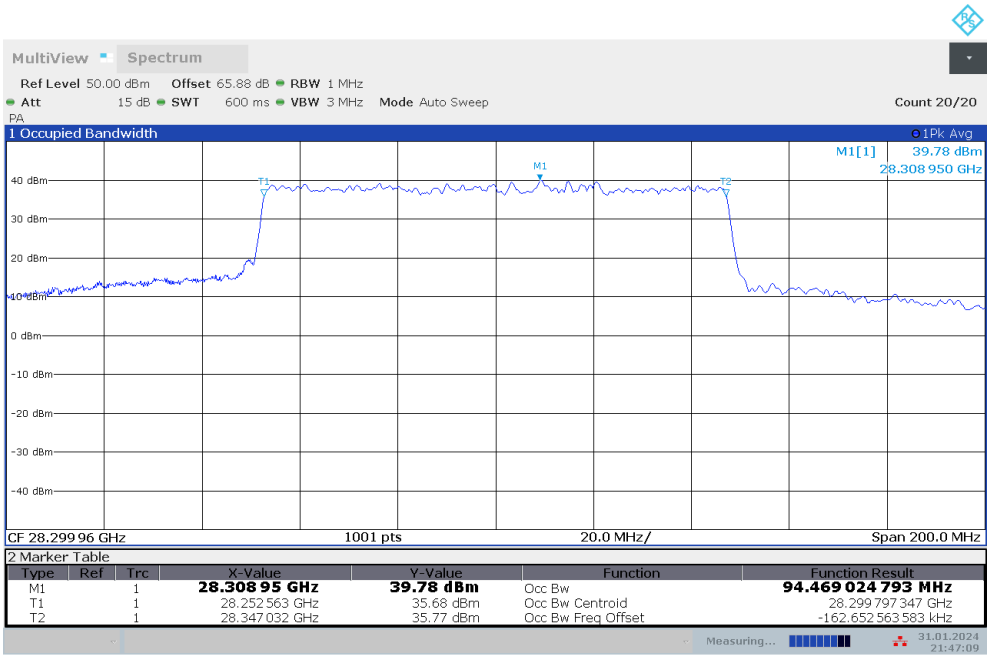
Occupied Bandwidth (n261, 1CC, 100MHz, FULL RB, QPSK, low channel, V)

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)



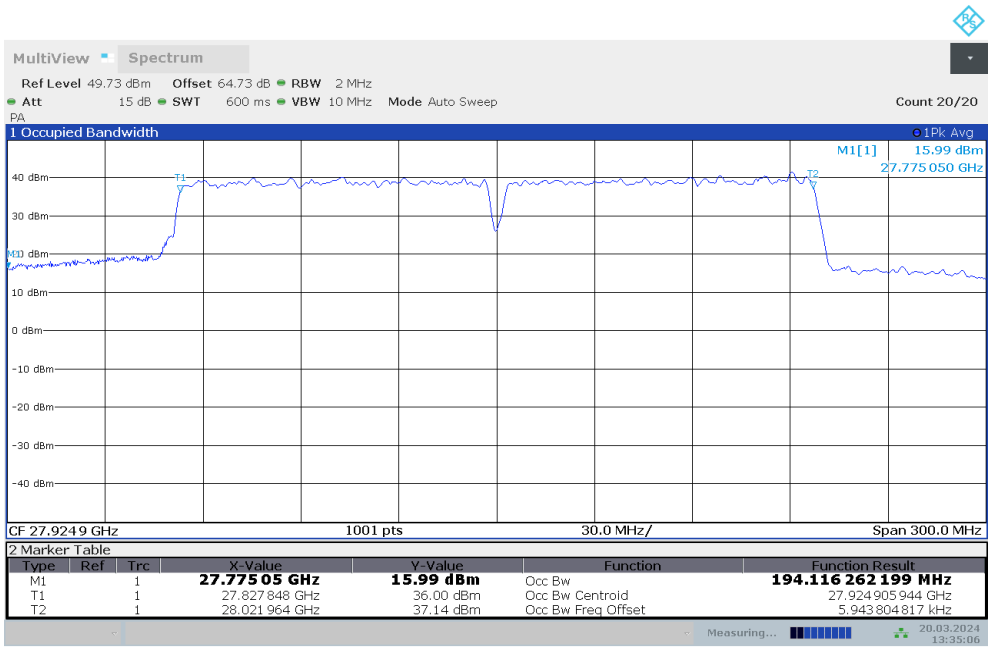
21:47:09 31.01.2024

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)



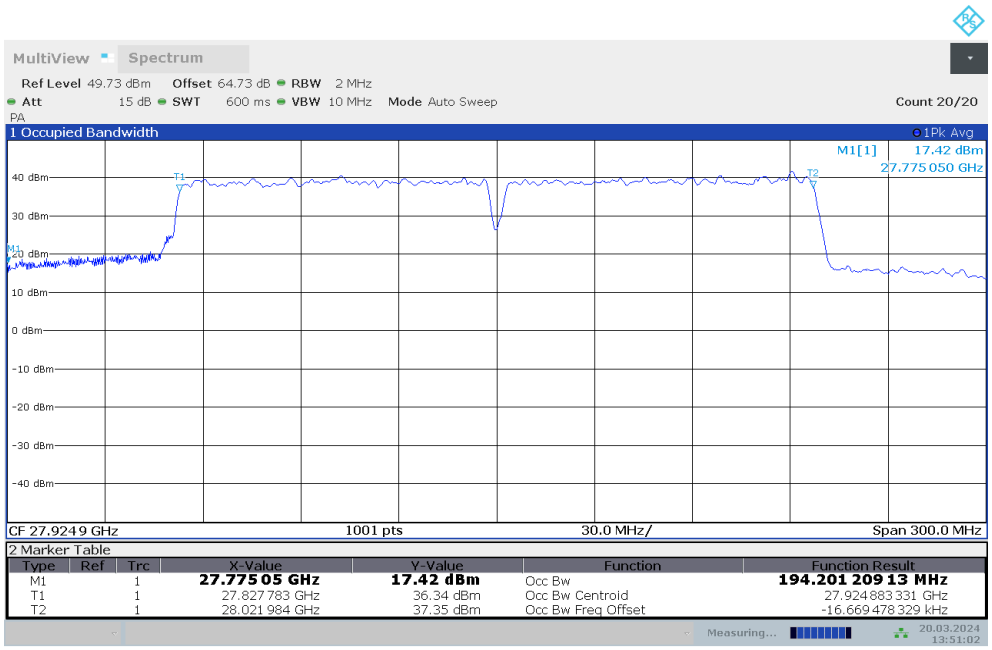
13:35:06 20.03.2024

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)



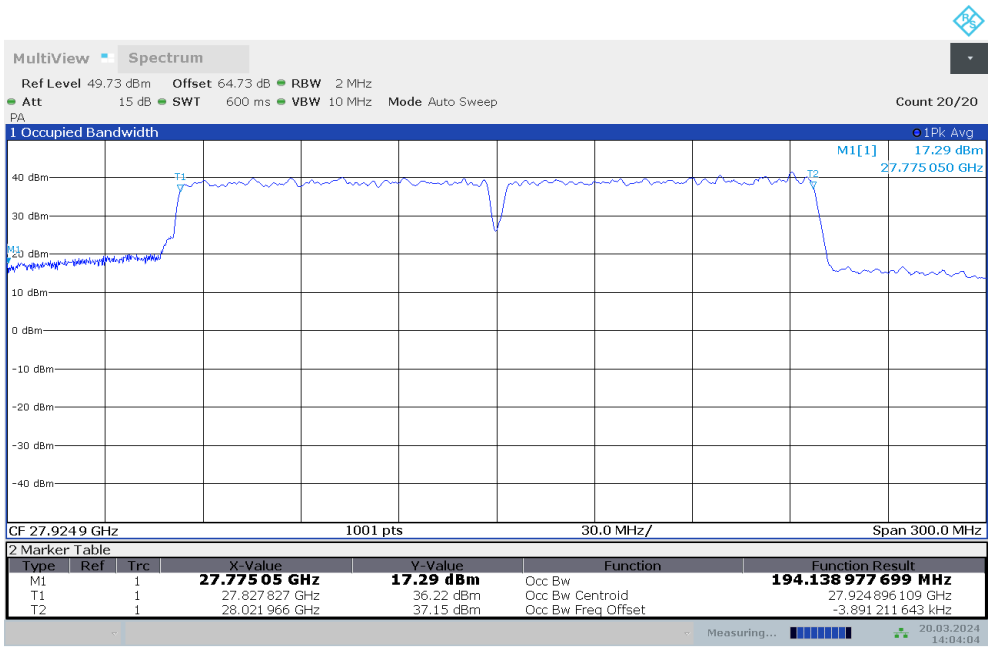
13:51:03 20.03.2024

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)



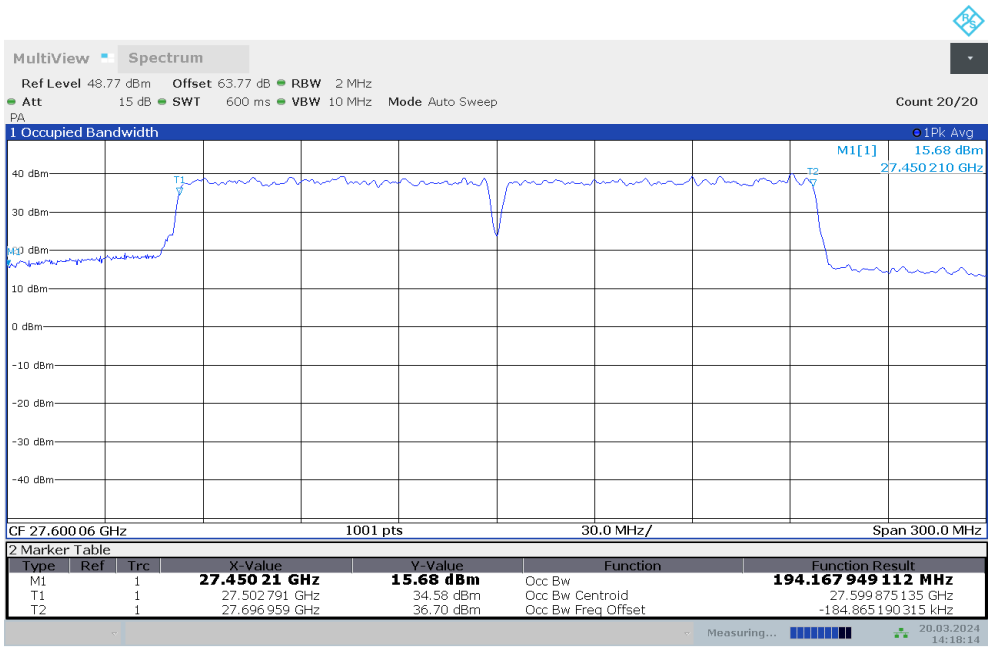
14:04:05 20.03.2024

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

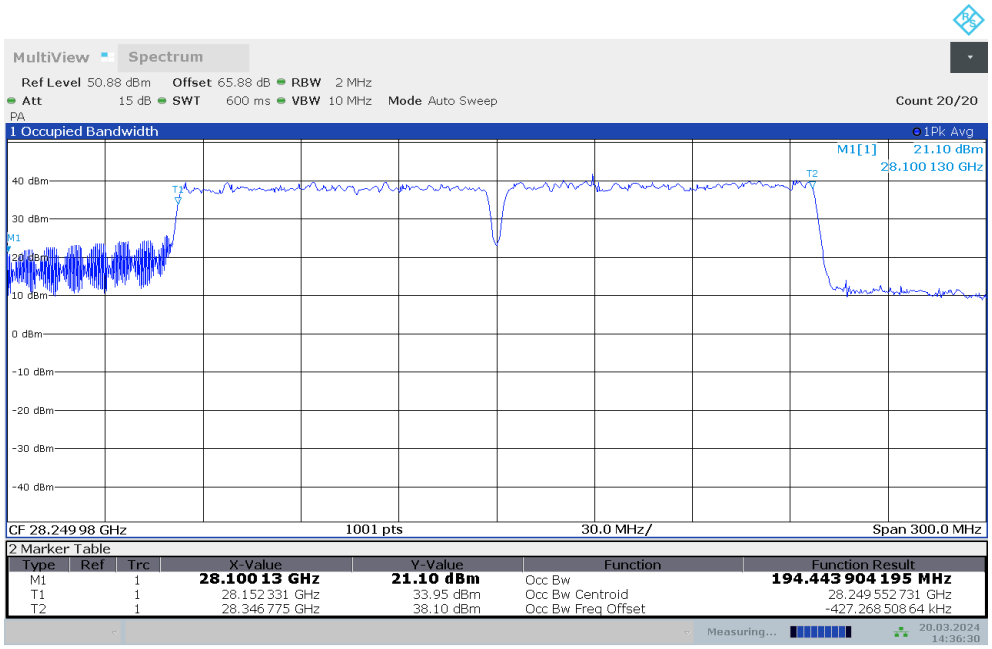
Occupied Bandwidth (n261, 2CC, 100MHz, FULL RB, QPSK, low channel, H)



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)

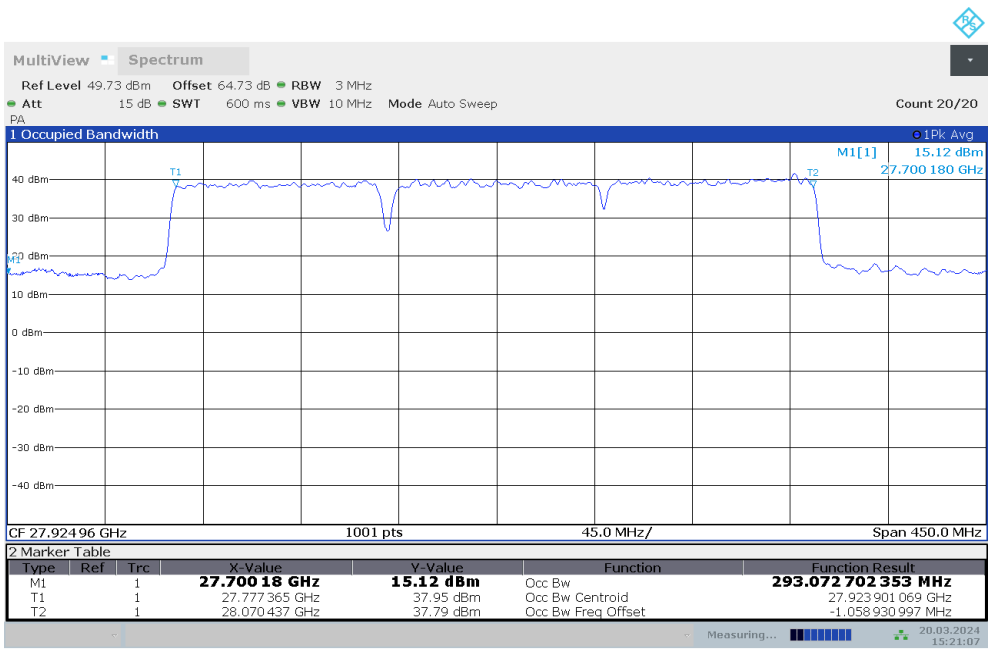
15:09:34 20.03.2024

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)

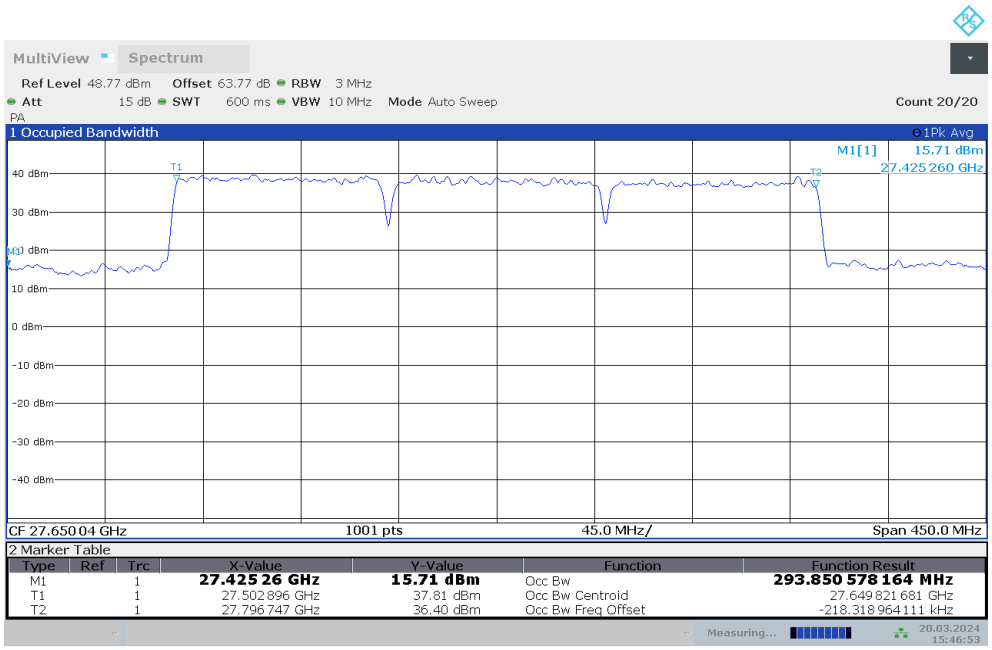
15:33:46 20.03.2024

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)



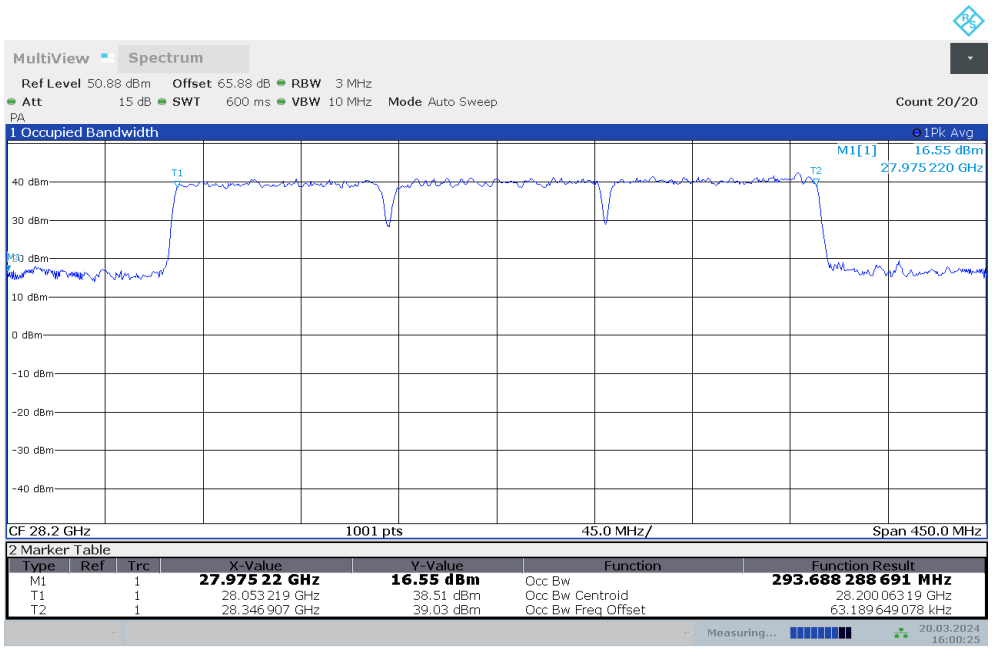
15:46:54 20.03.2024

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

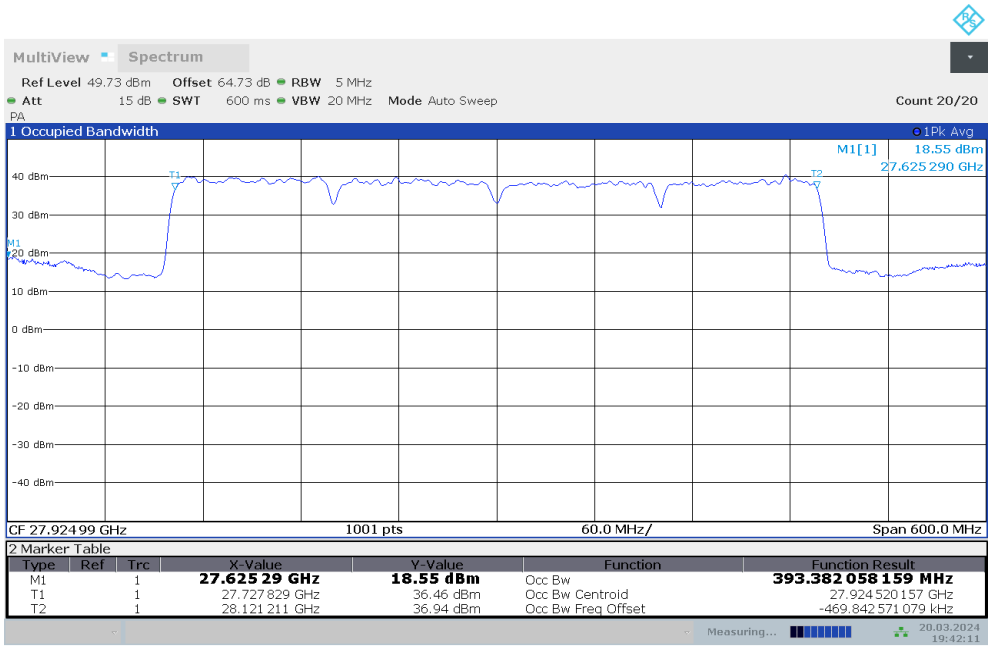
Occupied Bandwidth (n261, 3CC, 100MHz, FULL RB, QPSK, high channel, H)



16:00:26 20.03.2024

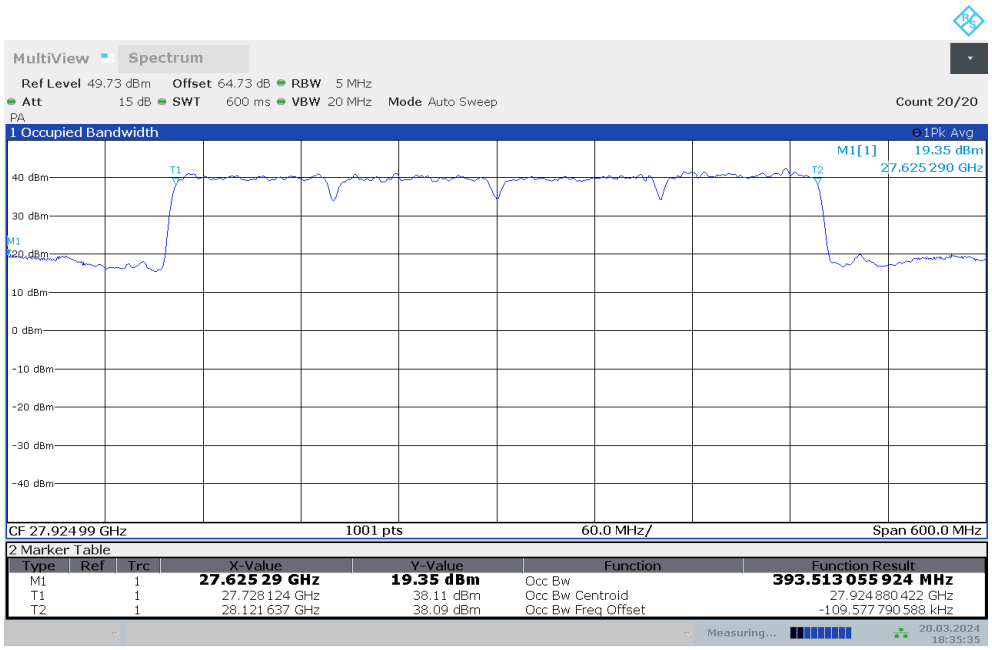
Occupied Bandwidth (n261, 3CC, 100MHz, FULL RB, QPSK, high channel, V)

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

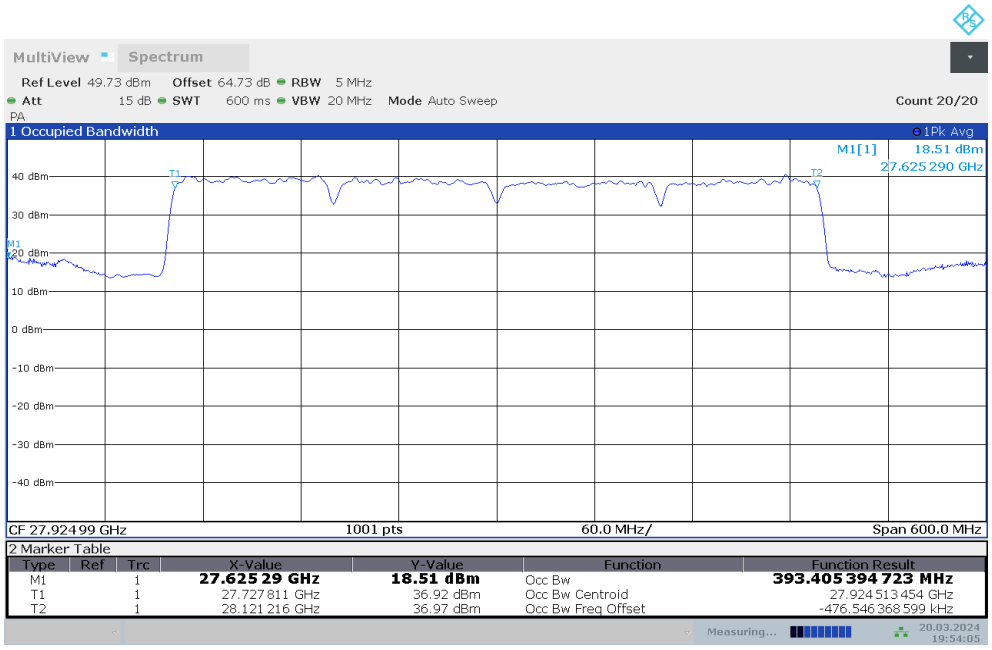
Occupied Bandwidth (n261, 4CC, 100MHz, FULL RB, QPSK, middle channel, H)



18:35:36 20.03.2024

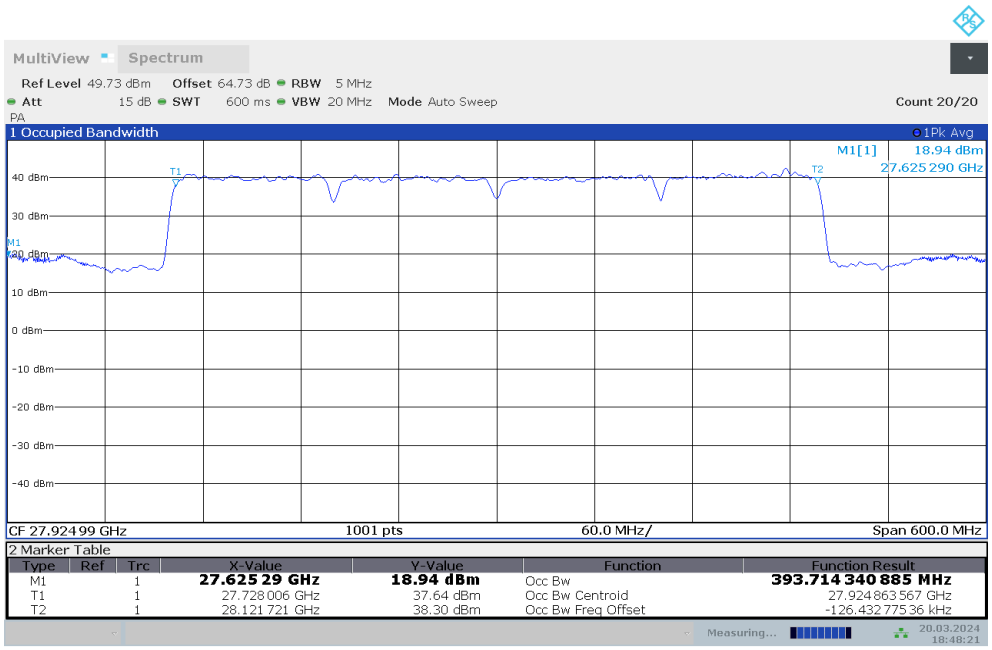
Occupied Bandwidth (n261, 4CC, 100MHz, FULL RB, QPSK, middle channel, V)

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

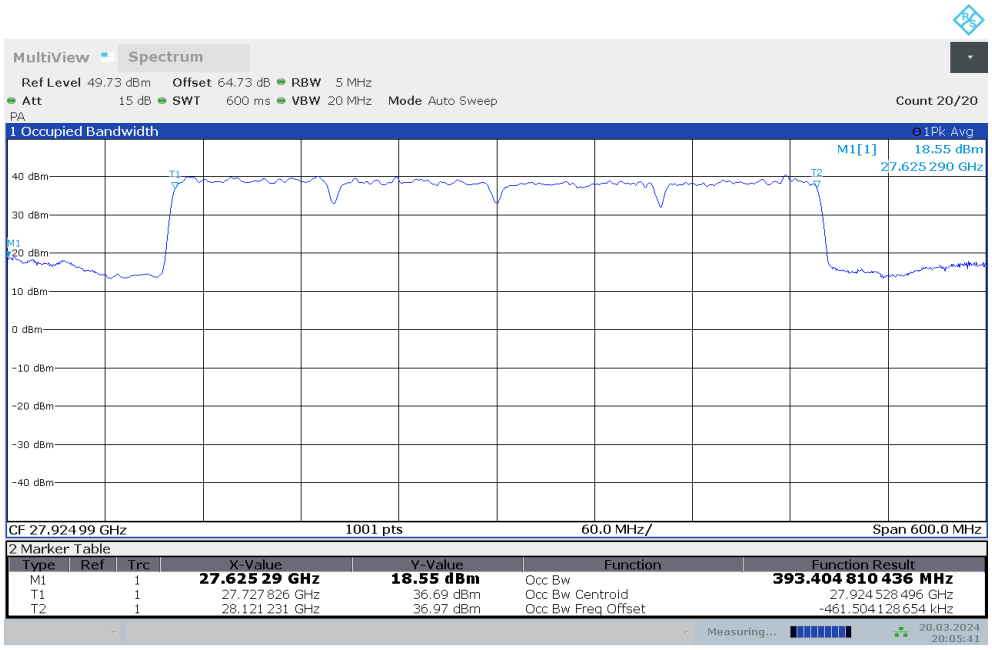
Occupied Bandwidth (n261, 4CC, 100MHz, FULL RB, 16QAM, middle channel, H)



18:48:21 20.03.2024

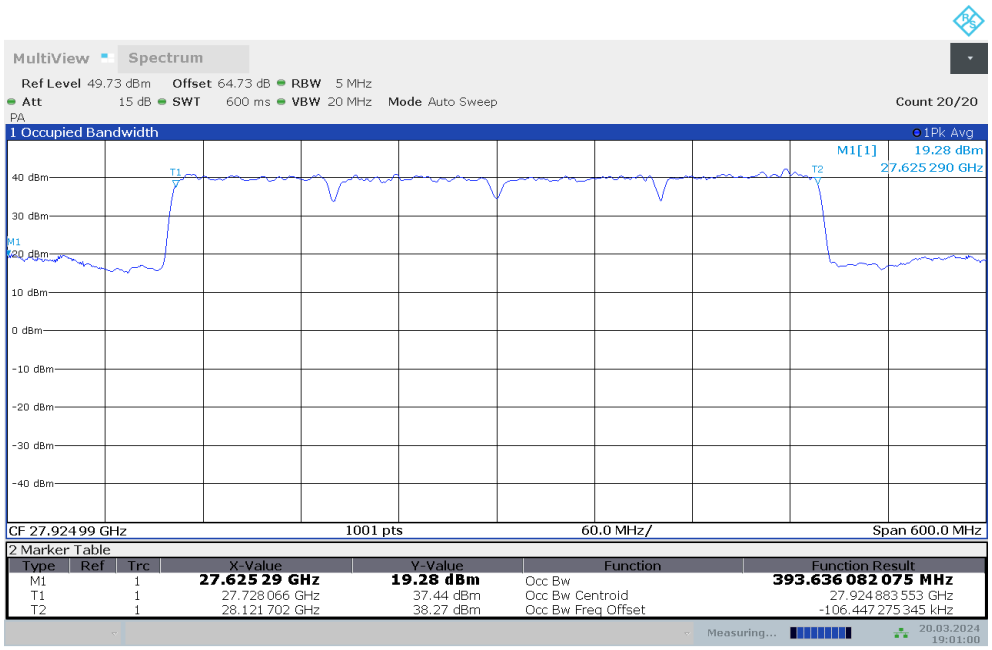
Occupied Bandwidth (n261, 4CC, 100MHz, FULL RB, 16QAM, middle channel, V)

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)



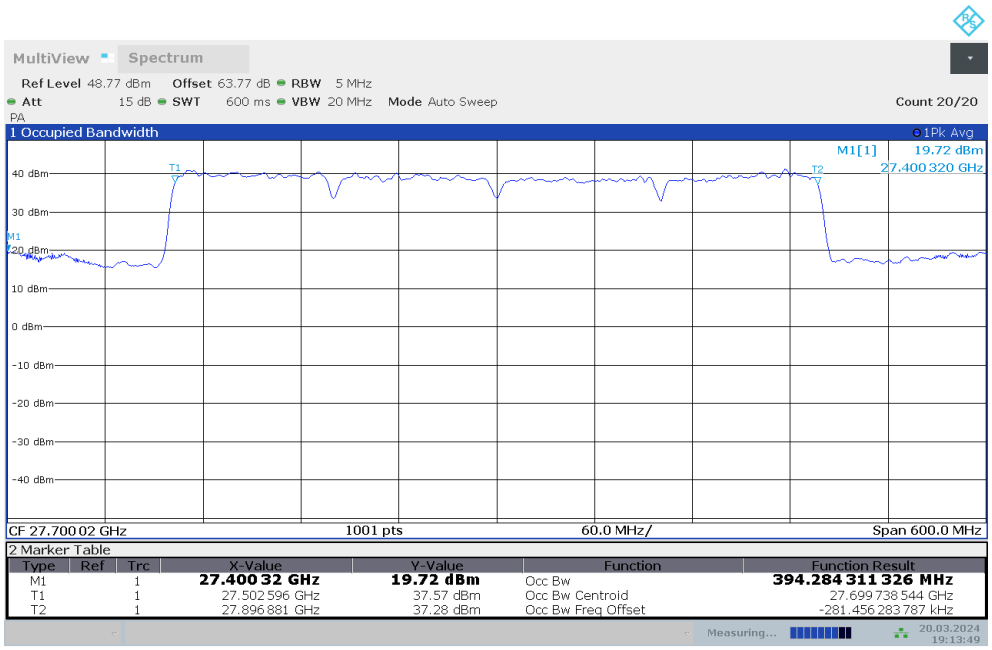
19:01:00 20.03.2024

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

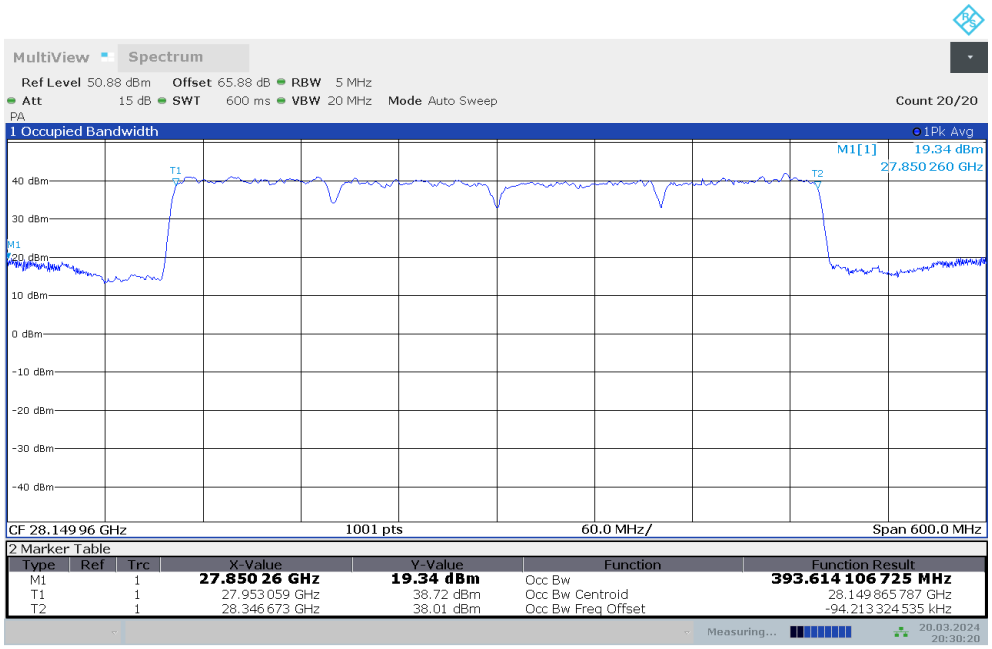
Occupied Bandwidth (n261, 4CC, 100MHz, FULL RB, 64QAM, low channel, H)



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

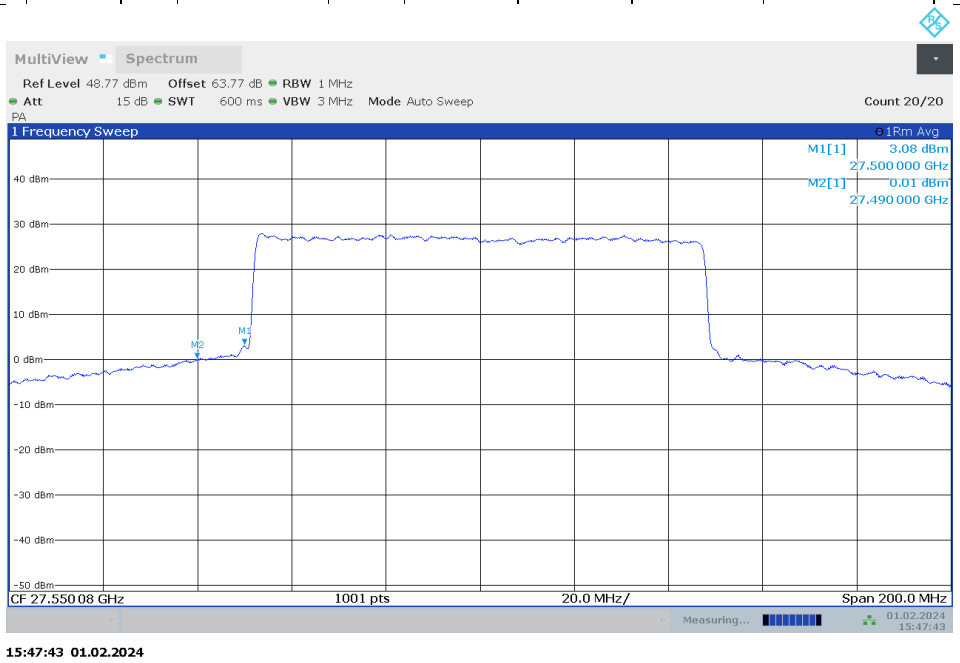
Occupied Bandwidth (n261, 4CC, 100MHz, FULL RB, 64QAM, high channel, H)

19:25:48 20.03.2024

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

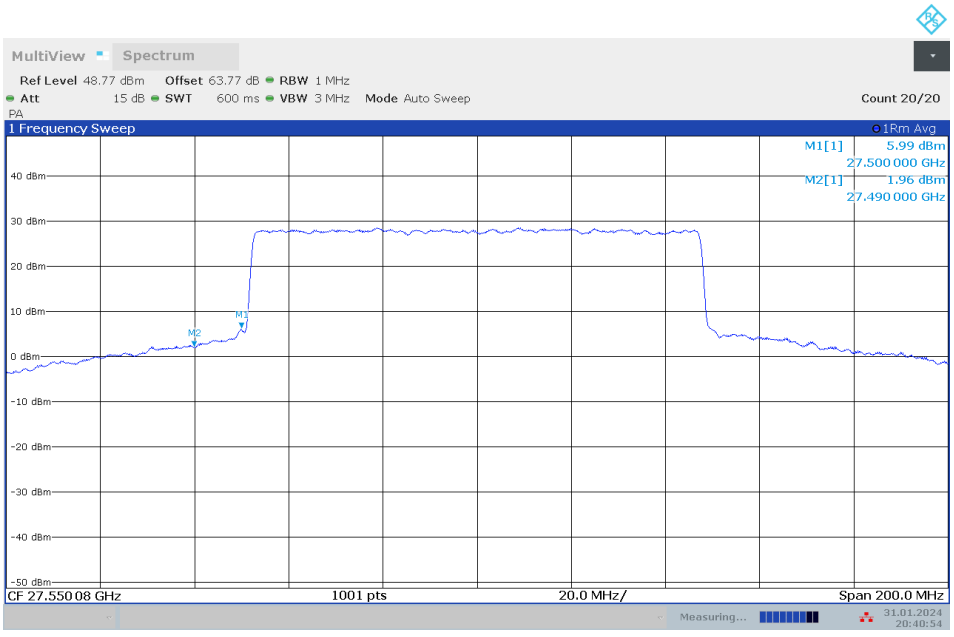
D.4 Band Edge Plots

Channel	Freq.	BW	CCs	Modulation	RB	Avg EIRP	Anntenna Gain	Conduct EIRP	Conduct EIRP Limit	Margin	Pol.
	(GHz)	(MHz)				(dBm)	(dBi)	(dBm)	(dBm)	(dB)	
low	27.5	100	1	QPSK	66/0	3.08	22	-18.92	-5	13.92	H
low	27.5	100	1	QPSK	66/0	5.99	22	-16.01	-5	11.01	V
low	27.49	100	1	QPSK	66/0	0.01	22	-21.99	-13	8.99	H
low	37.49	100	1	QPSK	66/0	1.96	22	-20.04	-13	7.04	V



15:47:43 01.02.2024

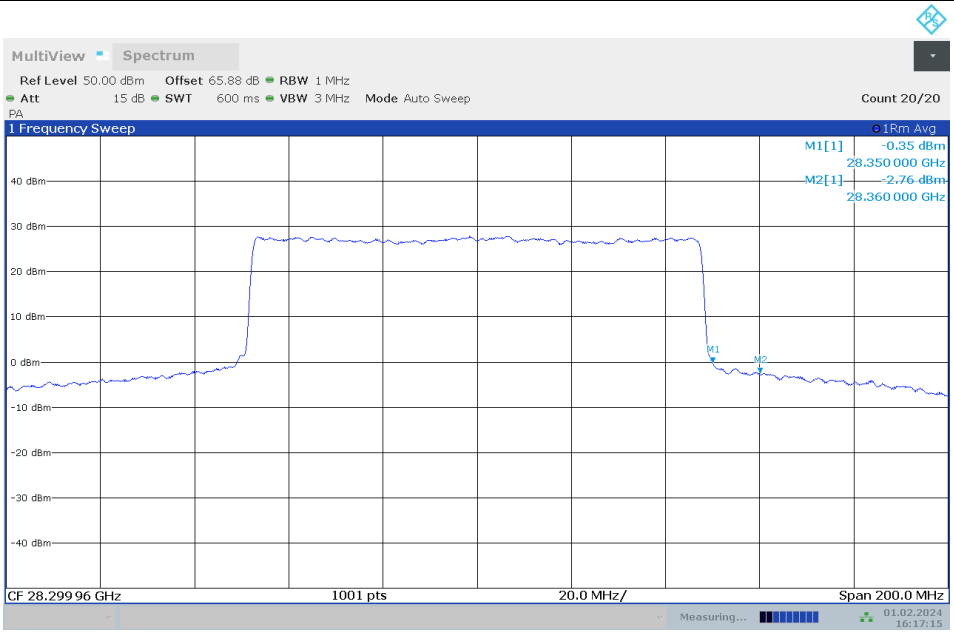
Band Edge (n261, 1CC, 100MHz, FULL RB, QPSK, low channel, H)



20:40:55 31.01.2024

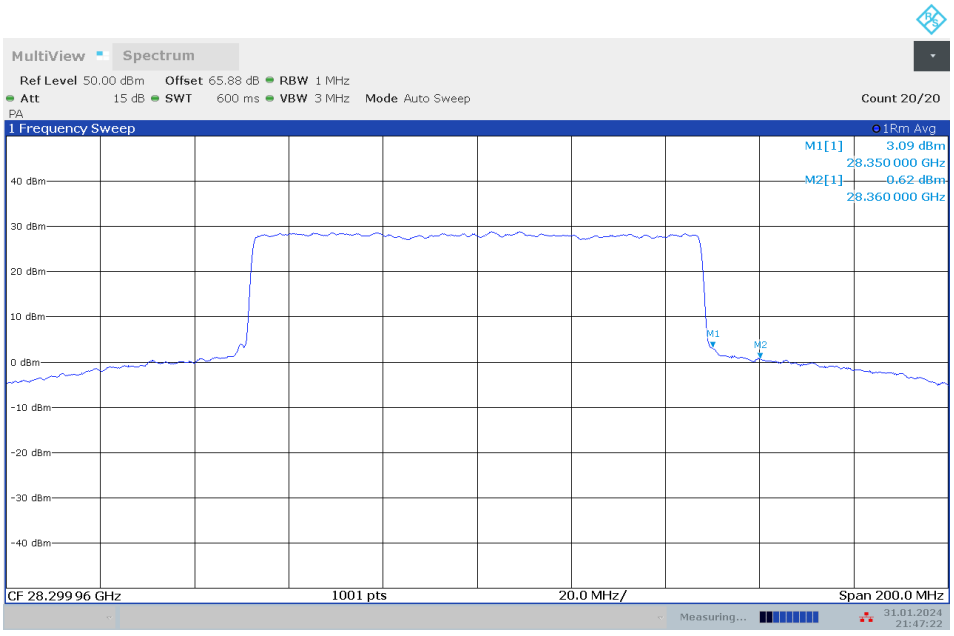
Band Edge (n261, 1CC, 100MHz, FULL RB, QPSK, low channel, V)

Channel	Freq. (GHz)	BW (MHz)	CCs	Modulation	RB	Avg EIRP (dBm)	Anntenna Gain (dBi)	Conduct EIRP (dBm)	Conduct EIRP Limit (dBm)	Margin (dB)	Pol.
high	28.35	100	1	QPSK	66/0	-0.35	22	-22.35	-5	17.35	H
high	28.35	100	1	QPSK	66/0	3.09	22	-18.91	-5	13.91	V
high	28.36	100	1	QPSK	66/0	-2.76	22	-24.76	-13	11.76	H
high	28.36	100	1	QPSK	66/0	0.62	22	-21.38	-13	8.38	V



16:17:15 01.02.2024

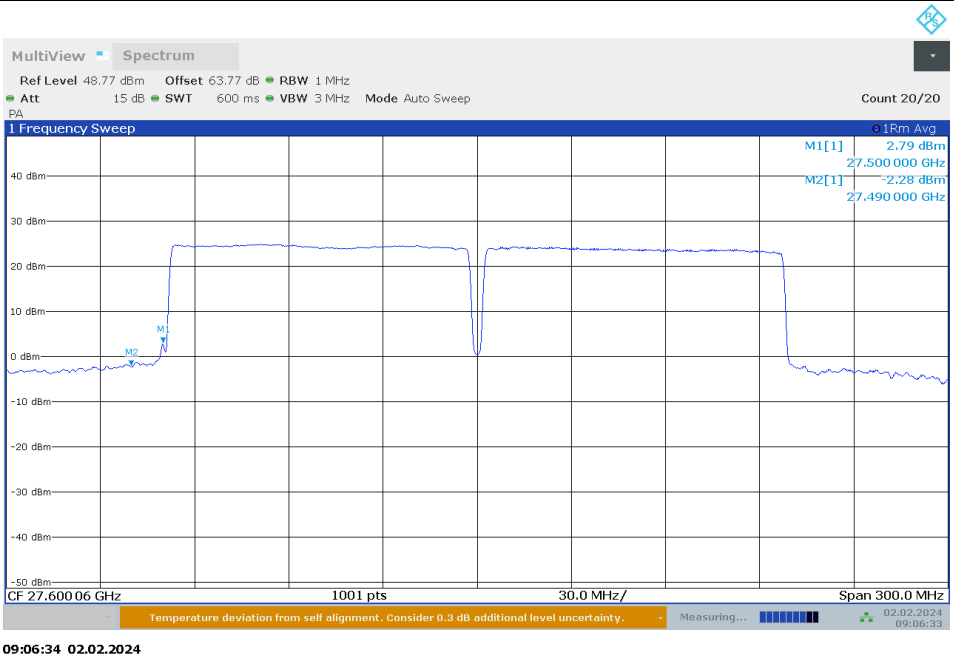
Band Edge (n261, 1CC, 100MHz, FULL RB, QPSK, high channel, H)



21:47:23 31.01.2024

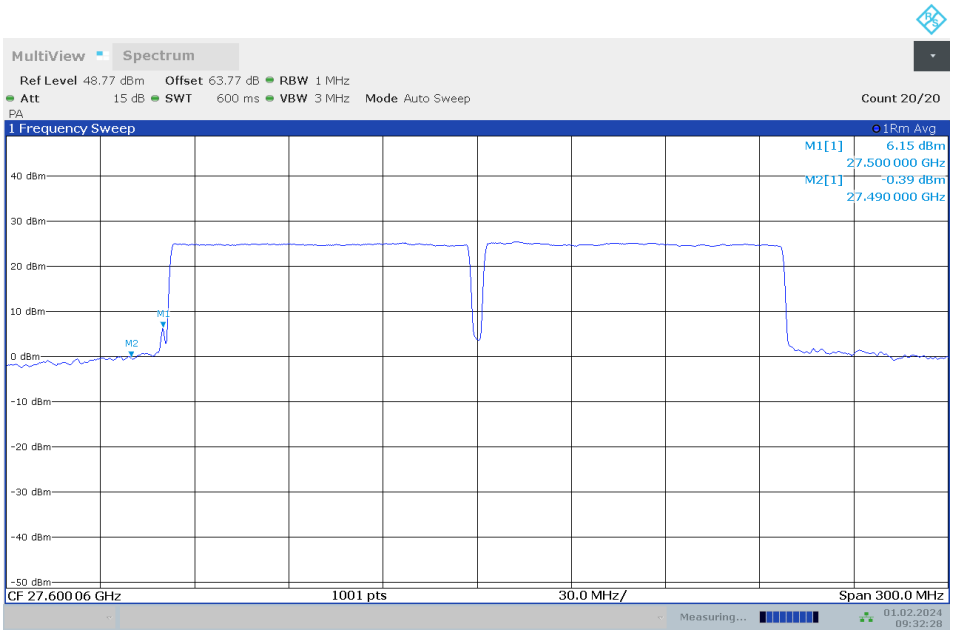
Band Edge (n261, 1CC, 100MHz, FULL RB, QPSK, high channel, V)

Channel	Freq. (GHz)	BW (MHz)	CCs	Modulation	RB	Avg EIRP (dBm)	Anntenna Gain (dBi)	Conduct EIRP (dBm)	Conduct EIRP Limit (dBm)	Margin (dB)	Pol.
low	27.5	100	2	QPSK	132/0	2.79	22	-19.21	-5	14.21	H
low	27.5	100	2	QPSK	132/0	6.15	22	-15.85	-5	10.85	V
low	27.49	100	2	QPSK	132/0	-2.28	22	-24.28	-13	11.28	H
low	37.49	100	2	QPSK	132/0	-0.39	22	-22.39	-13	9.39	V



09:06:34 02.02.2024

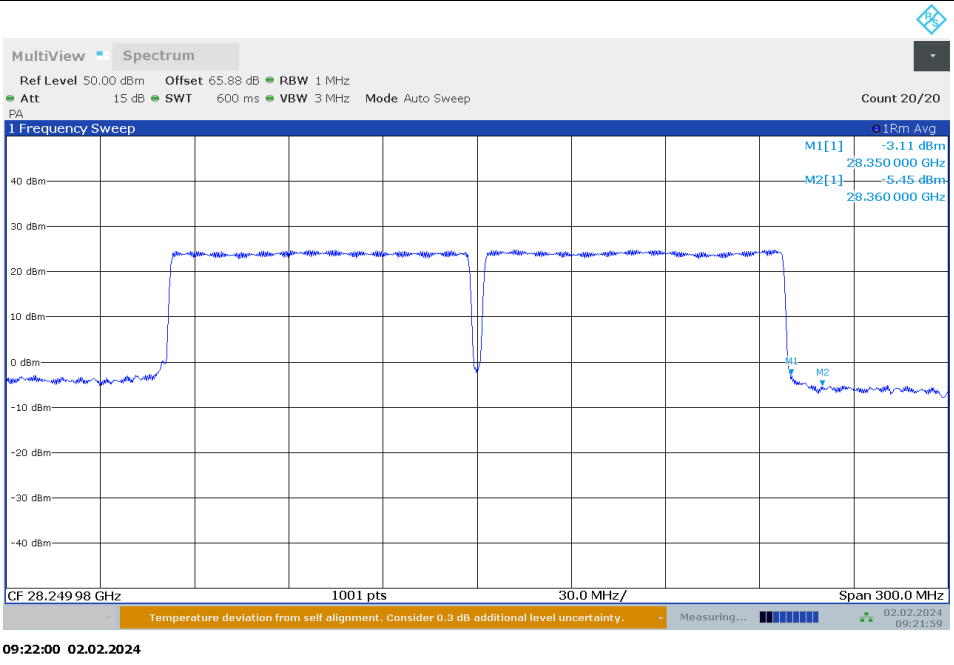
Band Edge (n261, 2CC, 100MHz, FULL RB, QPSK, low channel, H)



09:32:28 01.02.2024

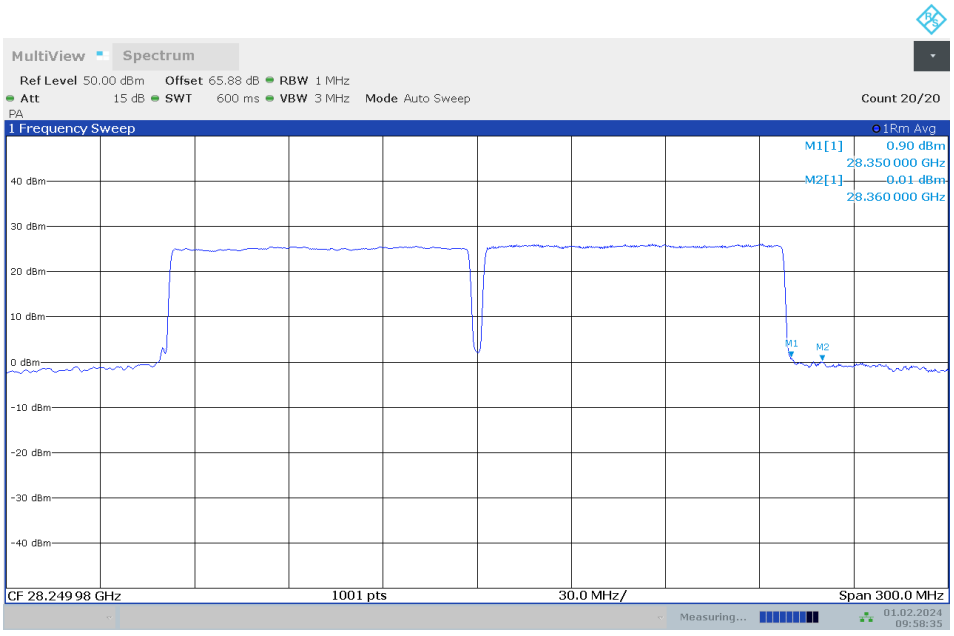
Band Edge (n261, 2CC, 100MHz, FULL RB, QPSK, low channel, V)

Channel	Freq. (GHz)	BW (MHz)	CCs	Modulation	RB	Avg EIRP (dBm)	Anntenna Gain (dBi)	Conduct EIRP (dBm)	Conduct EIRP Limit (dBm)	Margin (dB)	Pol.
high	28.35	100	2	QPSK	132/0	-3.11	22	-25.11	-5	20.11	H
high	28.35	100	2	QPSK	132/0	0.90	22	-21.10	-5	16.10	V
high	28.36	100	2	QPSK	132/0	-5.54	22	-27.54	-13	14.54	H
high	28.36	100	2	QPSK	132/0	0.01	22	-21.99	-13	8.99	V



09:22:00 02.02.2024

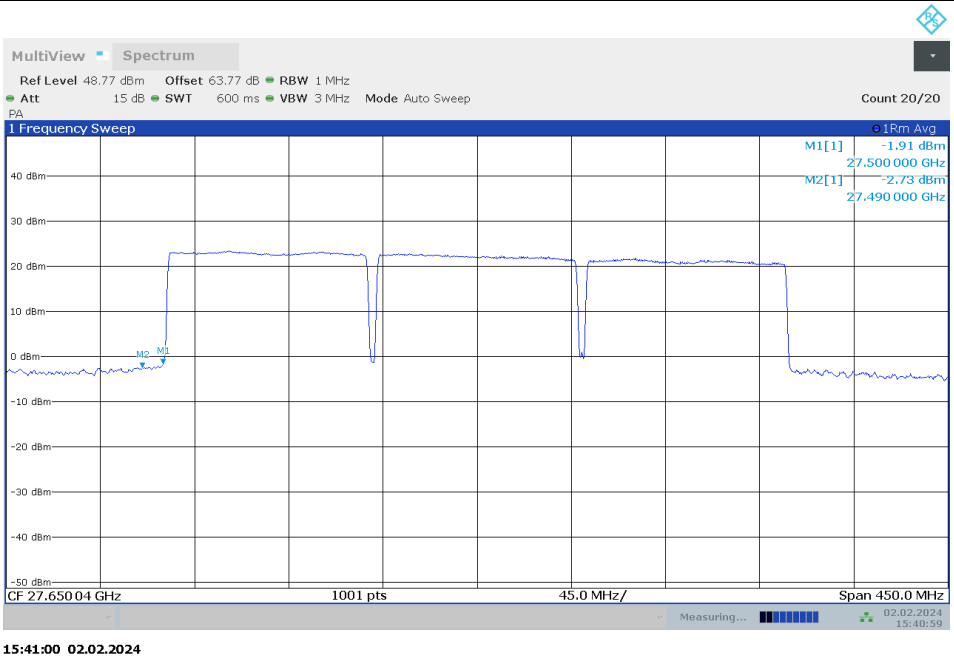
Band Edge (n261, 2CC, 100MHz, FULL RB, QPSK, high channel, H)



09:58:36 01.02.2024

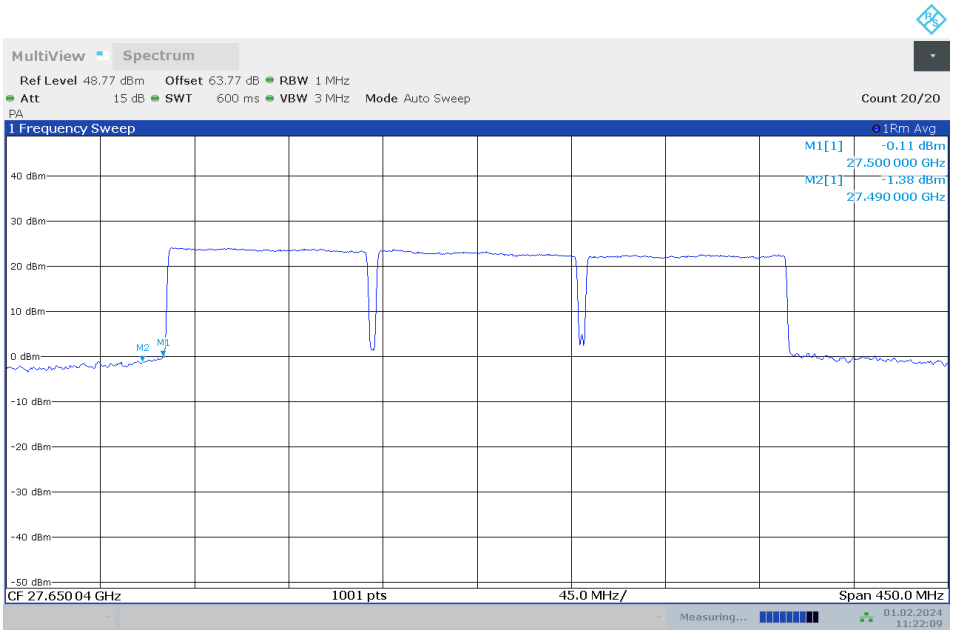
Band Edge (n261, 2CC, 100MHz, FULL RB, QPSK, high channel, V)

Channel	Freq. (GHz)	BW (MHz)	CCs	Modulation	RB	Avg EIRP (dBm)	Anntenna Gain (dBi)	Conduct EIRP (dBm)	Conduct EIRP Limit (dBm)	Margin (dB)	Pol.
low	27.5	100	3	QPSK	198/0	-1.91	22	-23.91	-5	18.91	H
low	27.5	100	3	QPSK	198/0	-0.11	22	-22.11	-5	17.11	V
low	27.49	100	3	QPSK	198/0	-2.73	22	-24.73	-13	11.73	H
low	37.49	100	3	QPSK	198/0	-1.38	22	-23.38	-13	10.38	V



15:41:00 02.02.2024

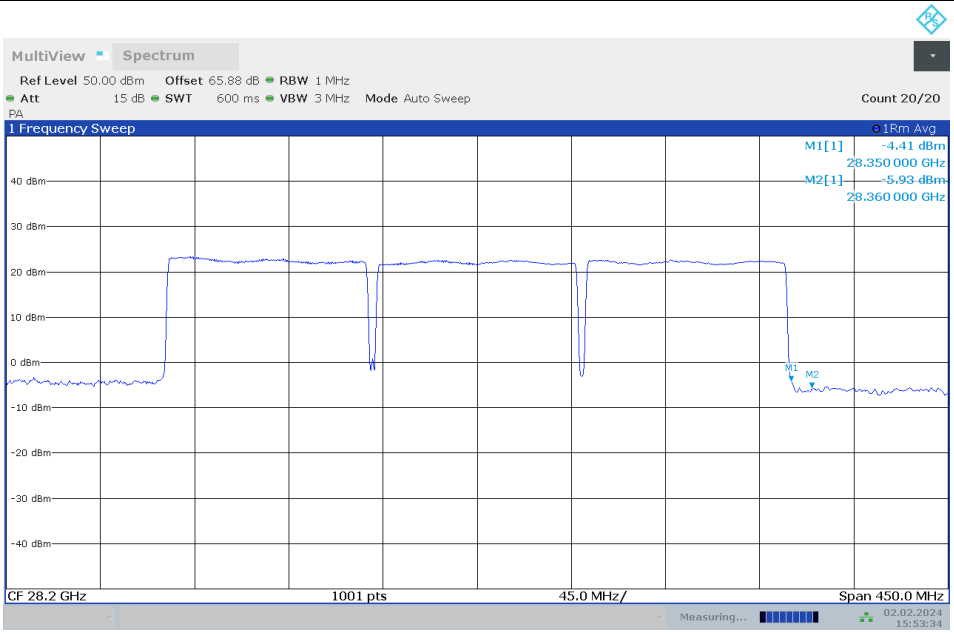
Band Edge (n261, 3CC, 100MHz, FULL RB, QPSK, low channel, H)



11:22:10 01.02.2024

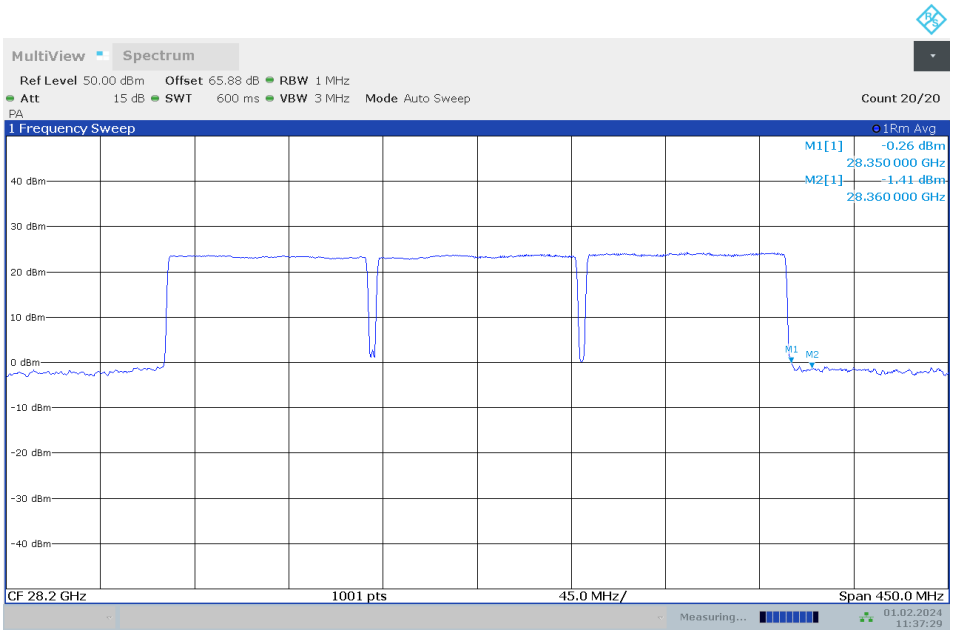
Band Edge (n261, 3CC, 100MHz, FULL RB, QPSK, low channel, V)

Channel	Freq. (GHz)	BW (MHz)	CCs	Modulation	RB	Avg EIRP (dBm)	Anntenna Gain (dBi)	Conduct EIRP (dBm)	Conduct EIRP Limit (dBm)	Margin (dB)	Pol.
high	28.35	100	3	QPSK	198/0	-4.41	22	-26.41	-5	21.41	H
high	28.35	100	3	QPSK	198/0	-0.26	22	-22.26	-5	17.26	V
high	28.36	100	3	QPSK	198/0	-5.93	22	-27.93	-13	14.93	H
high	28.36	100	3	QPSK	198/0	-1.41	22	-23.41	-13	10.41	V



15:53:35 02.02.2024

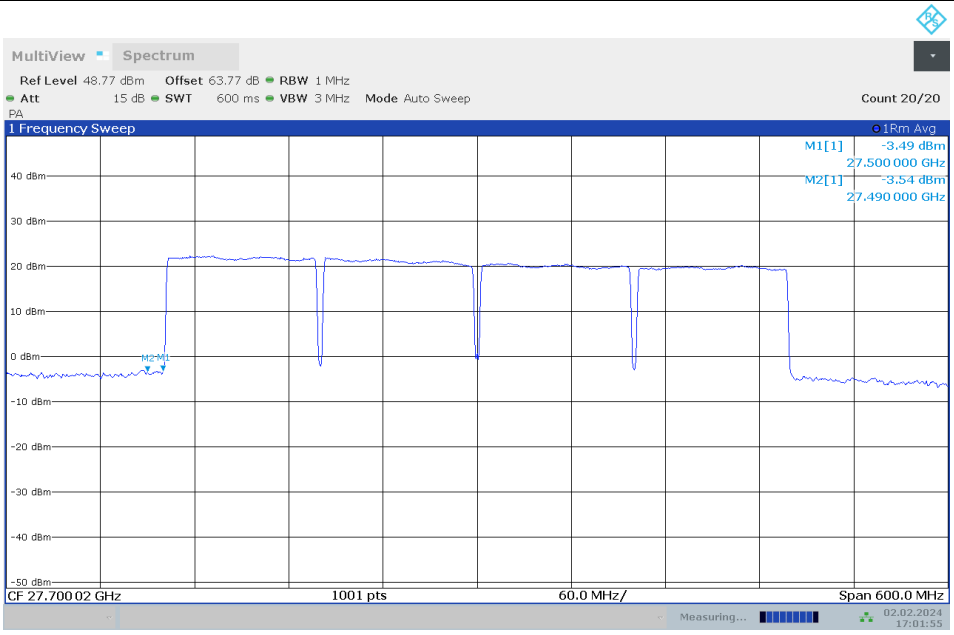
Band Edge (n261, 3CC, 100MHz, FULL RB, QPSK, high channel, H)



11:37:30 01.02.2024

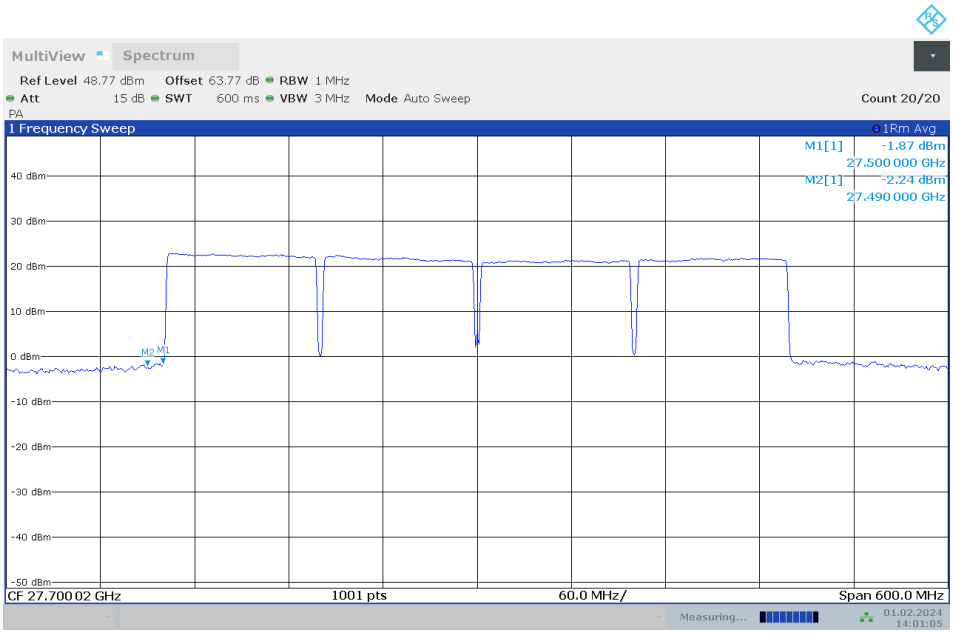
Band Edge (n261, 3CC, 100MHz, FULL RB, QPSK, high channel, V)

Channel	Freq. (GHz)	BW (MHz)	CCs	Modulation	RB	Avg EIRP (dBm)	Anntenna Gain (dBi)	Conduct EIRP (dBm)	Conduct EIRP Limit (dBm)	Margin (dB)	Pol.
low	27.5	100	4	64QAM	264/0	-3.49	22	-25.49	-5	20.49	H
low	27.5	100	4	QPSK	264/0	-1.87	22	-23.87	-5	18.87	V
low	27.49	100	4	64QAM	264/0	-3.54	22	-25.54	-13	12.54	H
low	37.49	100	4	QPSK	264/0	-2.24	22	-24.24	-13	11.24	V



17:01:56 02.02.2024

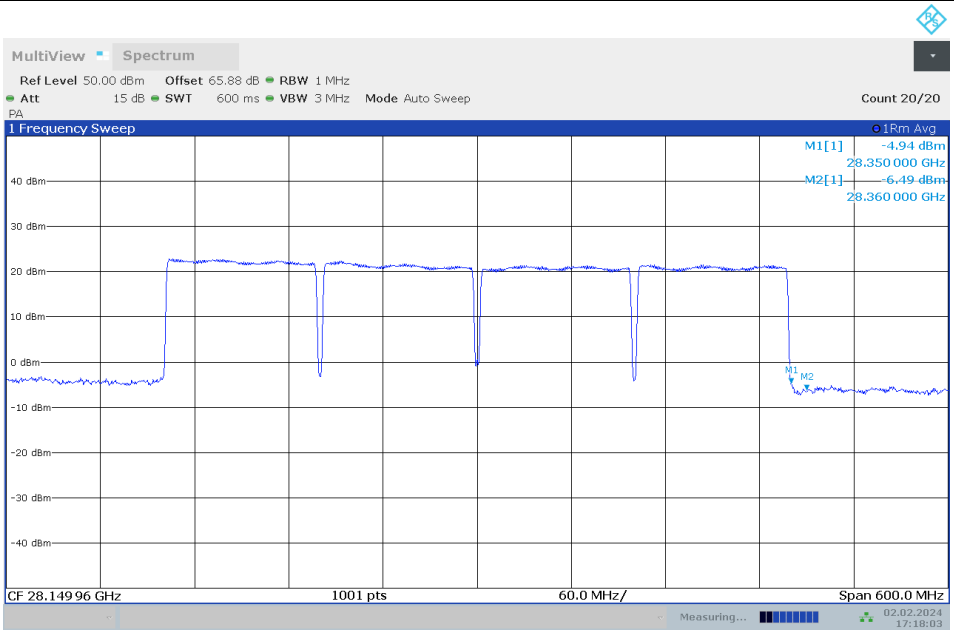
Band Edge (n261, 4CC, 100MHz, FULL RB, 64QAM, low channel, H)



14:01:05 01.02.2024

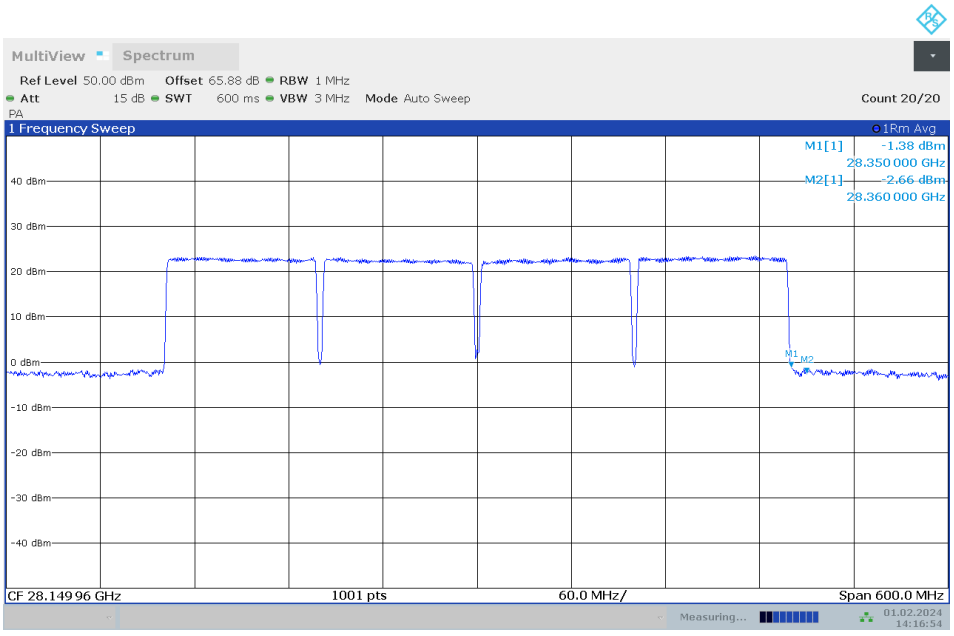
Band Edge (n261, 4CC, 100MHz, FULL RB, QPSK, low channel, V)

Channel	Freq. (GHz)	BW (MHz)	CCs	Modulation	RB	Avg EIRP (dBm)	Anntenna Gain (dBi)	Conduct EIRP (dBm)	Conduct EIRP Limit (dBm)	Margin (dB)	Pol.
high	28.35	100	4	64QAM	264/0	-4.94	22	-26.94	-5	21.94	H
high	28.35	100	4	QPSK	264/0	-1.38	22	-23.38	-5	18.38	V
high	28.36	100	4	64QAM	264/0	-6.49	22	-28.49	-13	15.49	H
high	28.36	100	4	QPSK	264/0	-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						
beam ID	Polarization	type	RF resources used		beam direction (deg)	
			num RFICs	ants per RFIC	AZ	EL
0	V	debug	1	1	-	-
1	V	debug	1	1	-	-
2	V	debug	1	1	-	-
3	V	debug	1	1	-	-
4	V	debug	2	1	-	-
5	V	debug	2	1	-	-
6	V	debug	2	1	-	-
7	V	debug	2	1	-	-
8	V	debug	4	1	-	-
9	V	debug	8	1	-	-
10	V	debug	8	8	-	-
11	V	fine	8	8	0	0
12	V	fine	8	8	15	0
13	V	fine	8	8	-15	0
14	V	fine	8	8	30	0
15	V	fine	8	8	-30	0
16	V	fine	8	8	45	0
17	V	fine	8	8	-45	0
18	V	fine	8	8	60	0
19	V	fine	8	8	-60	0
20	V	fine	8	8	0	-15
21	V	fine	8	8	15	-15
22	V	fine	8	8	-15	-15
23	V	fine	8	8	30	-15
24	V	fine	8	8	-30	-15
25	V	fine	8	8	45	-15
26	V	fine	8	8	-45	-15
27	V	fine	8	8	60	-15
28	V	fine	8	8	-60	-15
29	V	fine	8	8	0	15
30	V	fine	8	8	15	15
31	V	fine	8	8	-15	15
32	V	fine	8	8	30	15
33	V	fine	8	8	-30	15
34	V	fine	8	8	45	15
35	V	fine	8	8	-45	15
36	V	fine	8	8	60	15
37	V	fine	8	8	-60	15
38	V	fine	8	8	0	-30
39	V	fine	8	8	15	-30
40	V	fine	8	8	-15	-30
41	V	fine	8	8	30	-30
42	V	fine	8	8	-30	-30
43	V	fine	8	8	45	-30
44	V	fine	8	8	-45	-30
45	V	fine	8	8	60	-30
46	V	fine	8	8	-60	-30
47	V	fine	8	8	0	30
48	V	fine	8	8	15	30
49	V	fine	8	8	-15	30
50	V	fine	8	8	30	30
51	V	fine	8	8	-30	30
52	V	fine	8	8	45	30
53	V	fine	8	8	-45	30
54	V	fine	8	8	60	30
55	V	fine	8	8	-60	30
56	V	fine	8	8	0	-45
57	V	fine	8	8	15	-45
58	V	fine	8	8	-15	-45
59	V	fine	8	8	30	-45
60	V	fine	8	8	-30	-45
61	V	fine	8	8	45	-45
62	V	fine	8	8	-45	-45
63	V	fine	8	8	60	-45

BWT004_TinV4						
beam ID	Polarization	type	RF resources used		beam direction (deg)	
			num RFICs	ants per RFIC	AZ	EL
64	V	fine	8	8	-60	-45
65	V	fine	8	8	0	45
66	V	fine	8	8	15	45
67	V	fine	8	8	-15	45
68	V	fine	8	8	30	45
69	V	fine	8	8	-30	45
70	V	fine	8	8	45	45
71	V	fine	8	8	-45	45
72	V	fine	8	8	60	45
73	V	fine	8	8	-60	45
74	V	fine	8	8	0	-60
75	V	fine	8	8	15	-60
76	V	fine	8	8	-15	-60
77	V	fine	8	8	30	-60
78	V	fine	8	8	-30	-60
79	V	fine	8	8	45	-60
80	V	fine	8	8	-45	-60
81	V	fine	8	8	60	-60
82	V	fine	8	8	-60	-60
83	V	fine	8	8	0	60
84	V	fine	8	8	15	60
85	V	fine	8	8	-15	60
86	V	fine	8	8	30	60
87	V	fine	8	8	-30	60
88	V	fine	8	8	45	60
89	V	fine	8	8	-45	60
90	V	fine	8	8	60	60
91	V	fine	8	8	-60	60
92	V	Left Half array	4	8	0	0
93	V	Left Half array	4	8	60	0
94	V	Left Half array	4	8	-60	0
95	V	Left Half array	4	8	0	-60
96	V	Left Half array	4	8	0	60
97	V	Upper Half Array	4	8	0	0
98	V	Upper Half Array	4	8	60	0
99	V	Upper Half Array	4	8	-60	0
100	V	Upper Half Array	4	8	0	-60
101	V	Upper Half Array	4	8	0	60
102						
103						
104		RESERVED				
105						
106						
107						
108	V	broad	8	8	45	-3
109	V	broad	8	8	15	-3
110	V	broad	8	8	-15	-3
111	V	broad	8	8	-45	-3
112	V	broad	8	8	45	-13
113	V	broad	8	8	15	-13
114	V	broad	8	8	-15	-13
115	V	broad	8	8	-45	-13
116	V	broad	8	8	45	-24
117	V	broad	8	8	15	-24
118	V	broad	8	8	-15	-24
119	V	broad	8	8	-45	-24
120	V	broad	8	8	45	-38
121	V	broad	8	8	15	-38
122	V	broad	8	8	-15	-38
123	V	broad	8	8	-45	-38
124						
125		RESERVED				
126						
127						

Reference Beam Table - H Polarization

BWT004_TinV4						
beam ID	Polarization	type	RF resources used		beam direction (deg)	
			num RFICs	ants per RFIC	AZ	EL
128	H	debug	1	1	-	-
129	H	debug	1	1	-	-
130	H	debug	1	1	-	-
131	H	debug	1	1	-	-
132	H	debug	2	1	-	-
133	H	debug	2	1	-	-
134	H	debug	2	1	-	-
135	H	debug	2	1	-	-
136	H	debug	4	1	-	-
137	H	debug	8	1	-	-
138	H	debug	8	8	-	-
139	H	fine	8	8	0	0
140	H	fine	8	8	15	0
141	H	fine	8	8	-15	0
142	H	fine	8	8	30	0
143	H	fine	8	8	-30	0
144	H	fine	8	8	45	0
145	H	fine	8	8	-45	0
146	H	fine	8	8	60	0
147	H	fine	8	8	-60	0
148	H	fine	8	8	0	-15
149	H	fine	8	8	15	-15
150	H	fine	8	8	-15	-15
151	H	fine	8	8	30	-15
152	H	fine	8	8	-30	-15
153	H	fine	8	8	45	-15
154	H	fine	8	8	-45	-15
155	H	fine	8	8	60	-15
156	H	fine	8	8	-60	-15
157	H	fine	8	8	0	15
158	H	fine	8	8	15	15
159	H	fine	8	8	-15	15
160	H	fine	8	8	30	15
161	H	fine	8	8	-30	15
162	H	fine	8	8	45	15
163	H	fine	8	8	-45	15
164	H	fine	8	8	60	15
165	H	fine	8	8	-60	15
166	H	fine	8	8	0	-30
167	H	fine	8	8	15	-30
168	H	fine	8	8	-15	-30
169	H	fine	8	8	30	-30
170	H	fine	8	8	-30	-30
171	H	fine	8	8	45	-30
172	H	fine	8	8	-45	-30
173	H	fine	8	8	60	-30
174	H	fine	8	8	-60	-30
175	H	fine	8	8	0	30
176	H	fine	8	8	15	30
177	H	fine	8	8	-15	30
178	H	fine	8	8	30	30
179	H	fine	8	8	-30	30
180	H	fine	8	8	45	30
181	H	fine	8	8	-45	30
182	H	fine	8	8	60	30
183	H	fine	8	8	-60	30
184	H	fine	8	8	0	-45
185	H	fine	8	8	15	-45
186	H	fine	8	8	-15	-45
187	H	fine	8	8	30	-45
188	H	fine	8	8	-30	-45
189	H	fine	8	8	45	-45
190	H	fine	8	8	-45	-45
191	H	fine	8	8	60	-45

BWT004_TinV4						
beam ID	Polarization	type	RF resources used		beam direction (deg)	
			num RFICs	ants per RFIC	AZ	EL
192	H	fine	8	8	-60	-45
193	H	fine	8	8	0	45
194	H	fine	8	8	15	45
195	H	fine	8	8	-15	45
196	H	fine	8	8	30	45
197	H	fine	8	8	-30	45
198	H	fine	8	8	45	45
199	H	fine	8	8	-45	45
200	H	fine	8	8	60	45
201	H	fine	8	8	-60	45
202	H	fine	8	8	0	-60
203	H	fine	8	8	15	-60
204	H	fine	8	8	-15	-60
205	H	fine	8	8	30	-60
206	H	fine	8	8	-30	-60
207	H	fine	8	8	45	-60
208	H	fine	8	8	-45	-60
209	H	fine	8	8	60	-60
210	H	fine	8	8	-60	-60
211	H	fine	8	8	0	60
212	H	fine	8	8	15	60
213	H	fine	8	8	-15	60
214	H	fine	8	8	30	60
215	H	fine	8	8	-30	60
216	H	fine	8	8	45	60
217	H	fine	8	8	-45	60
218	H	fine	8	8	60	60
219	H	fine	8	8	-60	60
220	H	Left Half array	4	8	0	0
221	H	Left Half array	4	8	60	0
222	H	Left Half array	4	8	-60	0
223	H	Left Half array	4	8	0	-60
224	H	Left Half array	4	8	0	60
225	H	Upper Half Array	4	8	0	0
226	H	Upper Half Array	4	8	60	0
227	H	Upper Half Array	4	8	-60	0
228	H	Upper Half Array	4	8	0	-60
229	H	Upper Half Array	4	8	0	60
230						
231						
232		RESERVED				
233						
234						
235						
236	H	broad	8	8	45	-3
237	H	broad	8	8	15	-3
238	H	broad	8	8	-15	-3
239	H	broad	8	8	-45	-3
240	H	broad	8	8	45	-13
241	H	broad	8	8	15	-13
242	H	broad	8	8	-15	-13
243	H	broad	8	8	-45	-13
244	H	broad	8	8	45	-24
245	H	broad	8	8	15	-24
246	H	broad	8	8	-15	-24
247	H	broad	8	8	-45	-24
248	H	broad	8	8	45	-38
249	H	broad	8	8	15	-38
250	H	broad	8	8	-15	-38
251	H	broad	8	8	-45	-38
252						
253		RESERVED				
254						
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*****