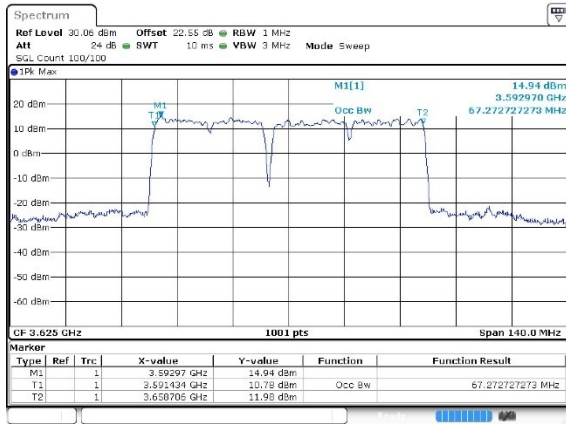


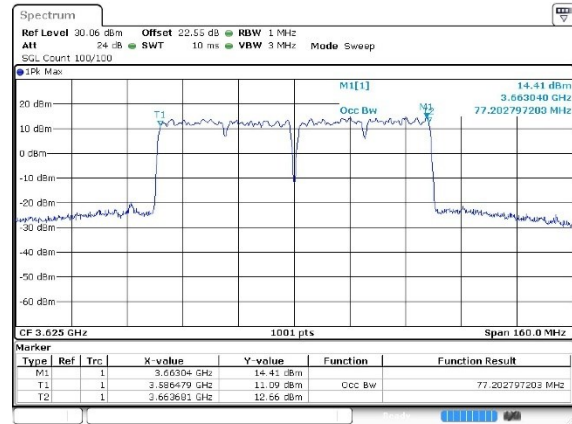


30+40MHz / Middle Channel



Date: 16 MAY 2025 01:58:46

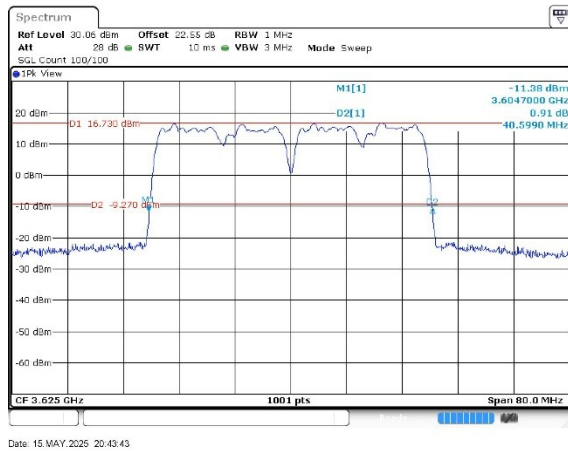
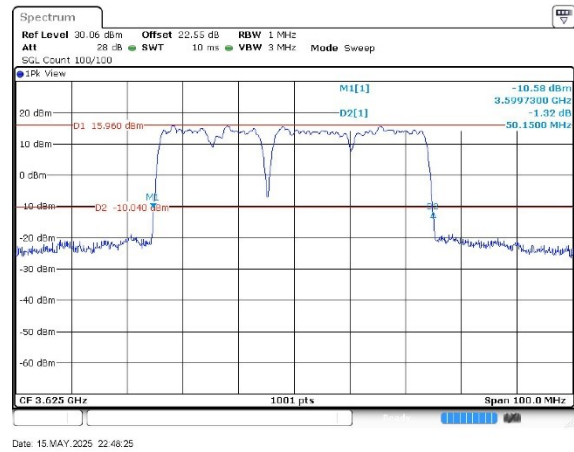
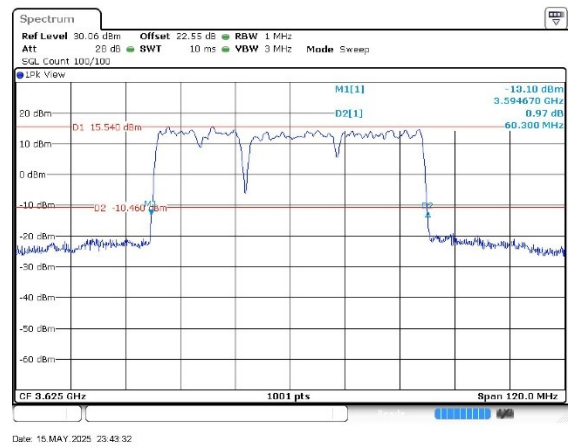
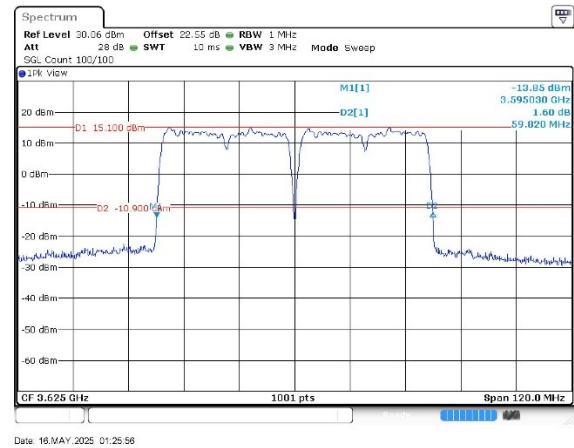
40+40MHz / Middle Channel



Date: 16 MAY 2025 02:44:25

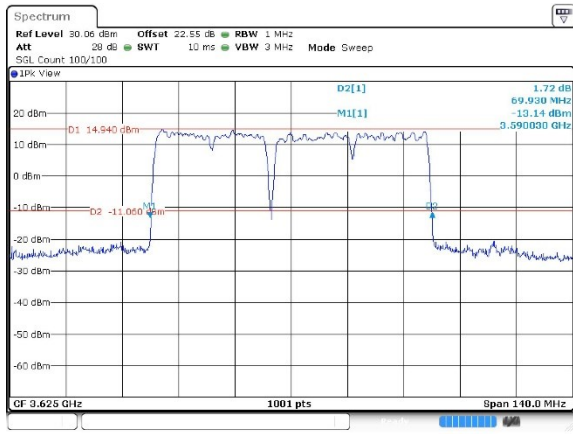
26dB Bandwidth

Mode	26dB BW(MHz)		
Frequency	3615MHz + 3635MHz	3610MHz + 3635MHz	3605MHz + 3635MHz
BW	20MHz + 20MHz	20MHz + 30MHz	20MHz + 40MHz
Middle CH	40.60	50.15	60.30
Frequency	3610MHz + 3640MHz	3605MHz + 3640MHz	3605MHz + 3645MHz
BW	30MHz + 30MHz	30MHz + 40MHz	40MHz + 40MHz
Middle CH	59.82	69.93	80.08

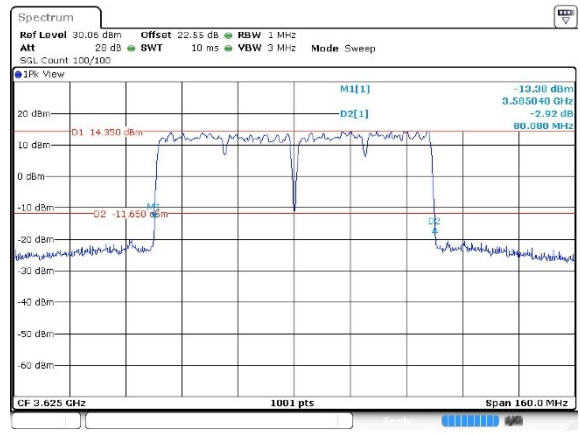
20+20MHz / Middle Channel

20+30MHz / Middle Channel

20+40MHz / Middle Channel

30+30MHz / Middle Channel




30+40MHz / Middle Channel



40+40MHz/ Middle Channel



Power Spectral Density

EIRP PSD (dBm/MHz)							
	Mode	Frequency (MHz)	Power Setting (ATT/ADAK)	DG (dBi)	MIMO Factor	Single port conducted power (dBm/MHz)	Total EIRP (dBm/MHz)
Multi Carrier (MC) Intra Band Contiguous	20MHz+20MHz_Low	3560 + 3580	9 -1.6 1.6	15.87	9.03	7.00	31.90
	20MHz+20MHz_Middle	3615 + 3635	9 -1 0.7	15.87	9.03	7.10	32.00
	20MHz+20MHz_High	3670 + 3690	9 0 0.8	15.87	9.03	7.54	32.44
	20MHz+30MHz_Low	3560 + 3585	9 0.6 2	15.87	9.03	6.03	30.93
	20MHz+30MHz_Middle	3610 + 3635	9 -1.7 1.7	15.87	9.03	6.35	31.25
	20MHz+30MHz_High	3660 + 3685	9 -0.9 2	15.87	9.03	6.80	31.70
	20MHz+40MHz_Low	3560 + 3590	9 -0.5 2.7	15.87	9.03	5.11	30.01
	20MHz+40MHz_Middle	3605 + 3635	9 -2.2 2.1	15.87	9.03	5.82	30.72
	20MHz+40MHz_High	3650 + 3680	9 -1.9 2.6	15.87	9.03	5.75	30.65
	30MHz+30MHz_Low	3565 + 3595	9 1	15.87	9.03	5.35	30.25
	30MHz+30MHz_Middle	3610 + 3640	9 -1 0.3	15.87	9.03	5.65	30.55
	30MHz+30MHz_High	3655 + 3685	9 0.1 0.8	15.87	9.03	6.48	31.38
	30MHz+40MHz_Low	3565 + 3600	9 0.1	15.87	9.03	4.50	29.40
	30MHz+40MHz_Middle	3605 + 3640	9 -1.2 1	15.87	9.03	5.54	30.44
	30MHz+40MHz_High	3645 + 3680	9 -1.2 1.8	15.87	9.03	5.43	30.33
	40MHz+40MHz_Low	3570 + 3610	9 0.7 0	15.87	9.03	4.09	28.99
	40MHz+40MHz_Middle	3605 + 3645	9 -0.5 1.5	15.87	9.03	5.24	30.14
	40MHz+40MHz_High	3640 + 3680	0 -0.3 1.5	15.87	9.03	5.14	30.04

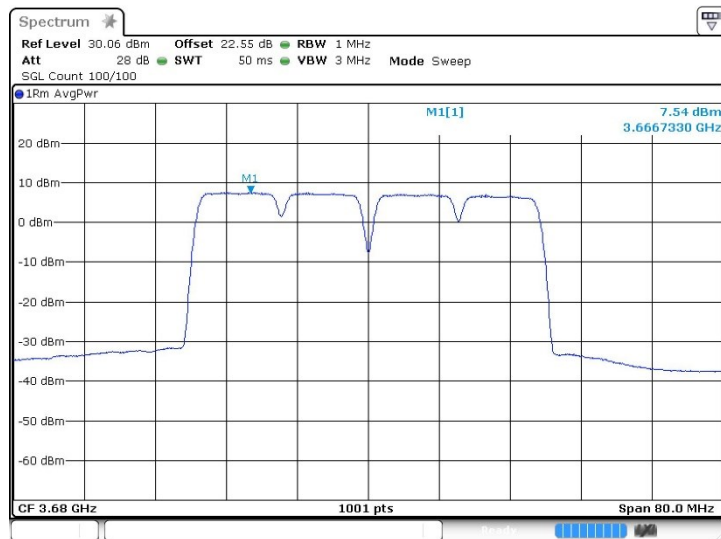
< 37 dBm/MHz

Remark:

DG (dBi, 4H/4V) = antenna gain + 10*log(Nant/Nss) = 12.86 + 10*log(4/2) = 15.87 dBi

MIMO Factor: 10*log(8) = 9.03 dB

Maximum EIRP Power Density – 20MHz + 20MHz / 3670MHz + 3690MHz



Date: 15 MAY 2025 21:10:11

EIRP Power (dBm/10MHz)

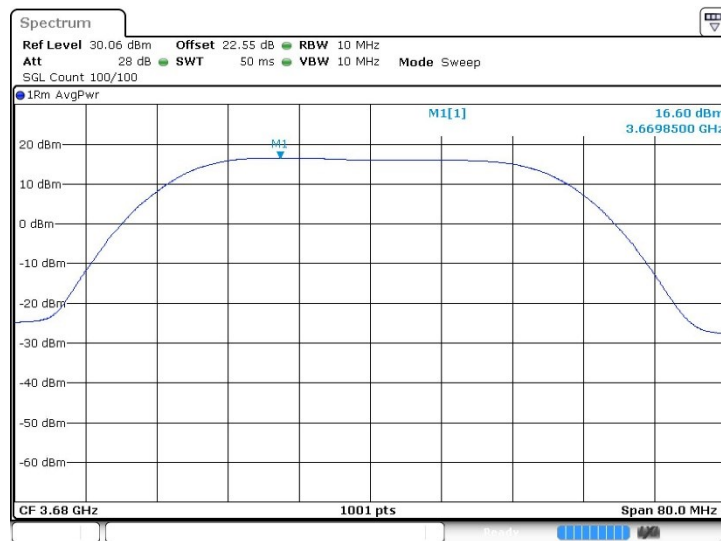
EIRP Power (dBm/10MHz)							
	Mode	Frequency (MHz)	Power Setting (ATT/ADAK)	DG (dBi)	MIMO Factor	Single port conducted power (dBm)	Total EIRP (dBm/10MHz)
Multi Carrier (MC) Intra Band Contiguous	20MHz+20MHz_Low	3560 + 3580	9 1.6 1.6	15.87	9.03	16.24	41.14
	20MHz+20MHz_Middle	3615 + 3635	9 -1 0.7	15.87	9.03	16.22	41.12
	20MHz+20MHz_High	3670 + 3690	9 0 0.8	15.87	9.03	16.60	41.50
	20MHz+30MHz_Low	3560 + 3585	9 0.6 2	15.87	9.03	15.31	40.21
	20MHz+30MHz_Middle	3610 + 3635	9 -1.7 1.7	15.87	9.03	15.76	40.66
	20MHz+30MHz_High	3660 + 3685	9 -0.9 2	15.87	9.03	15.99	40.89
	20MHz+40MHz_Low	3560 + 3590	9 -0.5 2.7	15.87	9.03	14.77	39.67
	20MHz+40MHz_Middle	3605 + 3635	9 -2.2 2.1	15.87	9.03	14.95	39.85
	20MHz+40MHz_High	3650 + 3680	9 -1.9 2.6	15.87	9.03	15.37	40.27
	30MHz+30MHz_Low	3565 + 3595	9 1	15.87	9.03	14.72	39.62
	30MHz+30MHz_Middle	3610 + 3640	9 -1 0.3	15.87	9.03	15.10	40.00
	30MHz+30MHz_High	3655 + 3685	9 0.1 0.8	15.87	9.03	15.94	40.84
	30MHz+40MHz_Low	3565 + 3600	9 0.1	15.87	9.03	13.95	38.85
	30MHz+40MHz_Middle	3605 + 3640	9 -1.2 1	15.87	9.03	14.99	39.89
	30MHz+40MHz_High	3645 + 3680	9 -1.2 1.8	15.87	9.03	15.10	40.00
	40MHz+40MHz_Low	3570 + 3610	9 0.7 0	15.87	9.03	13.78	38.68
	40MHz+40MHz_Middle	3605 + 3645	9 -0.5 1.5	15.87	9.03	14.88	39.78
	40MHz+40MHz_High	3640 + 3680	0 -0.3 1.5	15.87	9.03	14.81	39.71
							< 47 dBm/10MHz

Remark:

DG (dBi, 4H/4V) = antenna gain + 10*log(Nant/Nss) = 12.86 + 10*log(4/2) = 15.87 dBi

MIMO Factor: 10*log(8) = 9.03 dB

Maximum EIRP Power (dBm/10MHz) – 20MHz + 20MHz / 3670MHz + 3690MHz



Date: 15 MAY.2025 21:10:40

EIRP total Power (dBm) for reporting only

Total EIRP Power (dBm) reporting only							
	Mode	Frequency (MHz)	Power Setting (ATT/ADAK)	DG (dBi)	MIMO Factor	Single port conducted power (dBm)	Total EIRP (dBm)
Multi Carrier (MC) Intra Band Contiguous	20MHz+20MHz_Low	3560 + 3580	9_1.6_1.6	15.87	9.03	21.58	46.48
	20MHz+20MHz_Middle	3615 + 3635	9_-1_0.7	15.87	9.03	21.66	46.56
	20MHz+20MHz_High	3670 + 3690	9_0_0.8	15.87	9.03	22.03	46.93
	20MHz+30MHz_Low	3560 + 3585	9_0.6_2	15.87	9.03	21.63	46.53
	20MHz+30MHz_Middle	3610 + 3635	9_-1.7_1.7	15.87	9.03	22.06	46.96
	20MHz+30MHz_High	3660 + 3685	9_-0.9_2	15.87	9.03	22.36	47.26
	20MHz+40MHz_Low	3560 + 3590	9_-0.5_2.7	15.87	9.03	21.67	46.57
	20MHz+40MHz_Middle	3605 + 3635	9_-2.2_2.1	15.87	9.03	22.05	46.95
	20MHz+40MHz_High	3650 + 3680	9_-1.9_2.6	15.87	9.03	22.33	47.23
	30MHz+30MHz_Low	3565 + 3595	9_1	15.87	9.03	21.76	46.66
	30MHz+30MHz_Middle	3610 + 3640	9_-1_0.3	15.87	9.03	22.14	47.04
	30MHz+30MHz_High	3655 + 3685	9_0.1_0.8	15.87	9.03	22.72	47.62
	30MHz+40MHz_Low	3565 + 3600	9_0.1	15.87	9.03	21.69	46.59
	30MHz+40MHz_Middle	3605 + 3640	9_-1.2_1	15.87	9.03	22.39	47.29
	30MHz+40MHz_High	3645 + 3680	9_-1.2_1.8	15.87	9.03	22.66	47.56
	40MHz+40MHz_Low	3570 + 3610	9_0.7_0	15.87	9.03	21.83	46.73
	40MHz+40MHz_Middle	3605 + 3645	9_-0.5_1.5	15.87	9.03	22.90	47.80
	40MHz+40MHz_High	3640 + 3680	0_-0.3_1.5	15.87	9.03	22.86	47.76

Remark:

DG (dBi, 4H/4V) = antenna gain + $10 \cdot \log(\text{Nant}/\text{Nss}) = 12.86 + 10 \cdot \log(4/2) = 15.87$ dBi

MIMO Factor: $10 \cdot \log(8) = 9.03$ dB

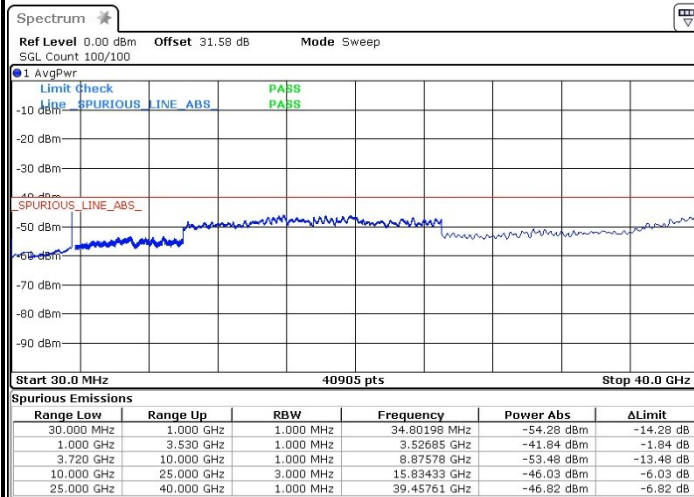


Conducted Spurious Emissions

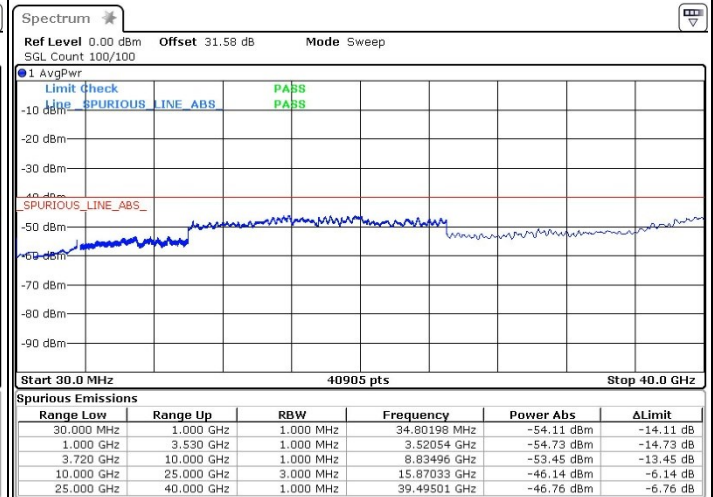
20+20MHz

Low Channel / (3560+3580)MHz

Middle Channel / (3615+3635)MHz



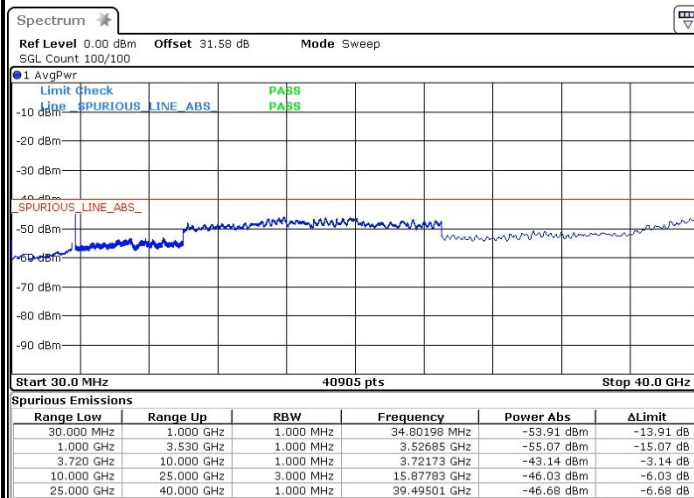
Date: 15.MAY.2025 20:26:41



Date: 15.MAY.2025 20:37:51

High Channel / (3670+3690)MHz

N/A



Date: 15.MAY.2025 21:09:18



20+30MHz

Low Channel / (3560+3585)MHz

Spectrum

Ref Level 0.00 dBm Offset 31.58 dB Mode Sweep

SGL Count 100/100

1 AvgPwr

Limit Check

Line SPURIOUS LINE_ABS

PASS PASS

SPURIOUS_LINE_ABS_

SPURIOUS_LINE_ABS_

Start 30.0 MHz

40905 pts

Stop 40.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 GHz	1.000 GHz	1.000 MHz	34.80198 MHz	-51.24 dBm	-11.24 dB
1.000 GHz	3.530 GHz	1.000 MHz	3.52685 GHz	-40.36 dBm	-0.36 dB
3.720 GHz	10.000 GHz	1.000 MHz	8.88143 GHz	-53.04 dBm	-13.04 dB
10.000 GHz	25.000 GHz	3.000 MHz	15.88083 GHz	-46.14 dBm	-6.14 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.49501 GHz	-46.71 dBm	-6.71 dB

Date: 15 MAY 2025 21:28 05

Middle Channel / (3610+3635)MHz

Spectrum

Ref Level 0.00 dBm Offset 31.58 dB Mode Sweep

SGL Count 100/100

1 AvgPwr

Limit Check

Line SPURIOUS LINE_ABS

PASS PASS

SPURIOUS_LINE_ABS_

SPURIOUS_LINE_ABS_

Start 30.0 MHz

40905 pts

Stop 40.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	34.80198 MHz	-50.85 dBm	-10.85 dB
1.000 GHz	3.530 GHz	1.000 MHz	3.52685 GHz	-53.68 dBm	-13.68 dB
3.720 GHz	10.000 GHz	1.000 MHz	8.84030 GHz	-53.21 dBm	-13.21 dB
10.000 GHz	25.000 GHz	3.000 MHz	15.82908 GHz	-46.13 dBm	-6.13 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.49501 GHz	-46.69 dBm	-6.69 dB

Date: 15 MAY 2025 22:42 59

High Channel / (3660+3685)MHz

Spectrum

Ref Level 0.00 dBm Offset 31.58 dB Mode Sweep

SGL Count 100/100

1 AvgPwr

Limit Check

Line SPURIOUS LINE_ABS

PASS PASS

SPURIOUS_LINE_ABS_

SPURIOUS_LINE_ABS_

Start 30.0 MHz

40905 pts

Stop 40.0 GHz

Spurious Emissions

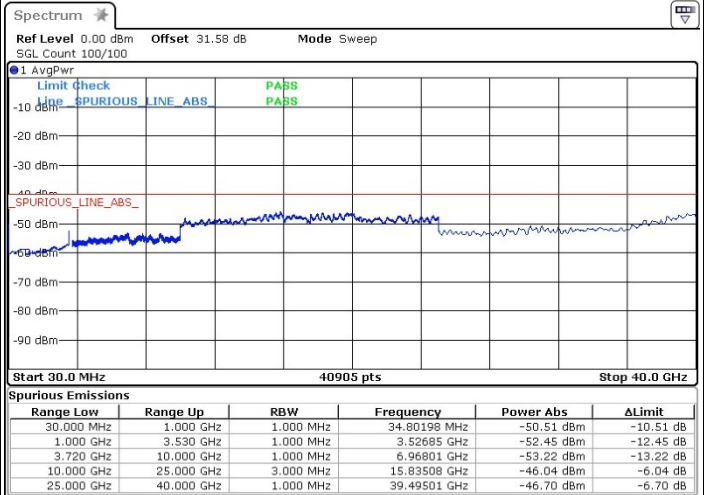
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	34.80198 MHz	-50.49 dBm	-10.49 dB
1.000 GHz	3.530 GHz	1.000 MHz	3.52054 GHz	-54.95 dBm	-14.95 dB
3.720 GHz	10.000 GHz	1.000 MHz	3.72047 GHz	-40.79 dBm	-0.79 dB
10.000 GHz	25.000 GHz	3.000 MHz	15.86058 GHz	-46.19 dBm	-6.19 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.49501 GHz	-46.68 dBm	-6.68 dB

Date: 15 MAY 2025 22:58 10

N/A



Middle Channel / (3605+3635)MHz



Date: 15.MAY.2025 23:17:01

Date: 15.MAY.2025 23:30:01

N/A

Date: 15.MAY.2025 23:57:46



30+30MHz

Low Channel / (3565+3595)MHz

Spectrum

Ref Level 0.00 dBm Offset 31.58 dB Mode Sweep

SGL Count 100/100

1 AvgPwr

Limit Check

Line SPURIOUS LINE_ABS

PASS PASS

Start 30.0 MHz Stop 40.0 GHz

40905 pts

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	34.80198 MHz	-51.13 dBm	-11.13 dB
1.000 GHz	3.530 GHz	1.000 MHz	3.52685 GHz	-40.57 dBm	-0.57 dB
3.720 GHz	10.000 GHz	1.000 MHz	8.83433 GHz	-53.20 dBm	-13.20 dB
10.000 GHz	25.000 GHz	3.000 MHz	15.86508 GHz	-45.98 dBm	-5.98 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.49501 GHz	-46.55 dBm	-6.55 dB

Date: 16.MAY.2025 01:12:18

Middle Channel / (3610+3640)MHz

Spectrum

Ref Level 0.00 dBm Offset 31.58 dB Mode Sweep

SGL Count 100/100

1 AvgPwr

Limit Check

Line SPURIOUS LINE_ABS

PASS PASS

Start 30.0 MHz Stop 40.0 GHz

40905 pts

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	34.80198 MHz	-50.68 dBm	-10.68 dB
1.000 GHz	3.530 GHz	1.000 MHz	3.52685 GHz	-52.66 dBm	-12.66 dB
3.720 GHz	10.000 GHz	1.000 MHz	8.84946 GHz	-52.98 dBm	-12.98 dB
10.000 GHz	25.000 GHz	3.000 MHz	15.83583 GHz	-46.09 dBm	-6.09 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.49501 GHz	-46.51 dBm	-6.51 dB

Date: 16.MAY.2025 01:20:44

High Channel / (3655+3685)MHz

Spectrum

Ref Level 0.00 dBm Offset 31.58 dB Mode Sweep

SGL Count 100/100

1 AvgPwr

Limit Check

Line SPURIOUS LINE_ABS

PASS PASS

Start 30.0 MHz Stop 40.0 GHz

40905 pts

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	34.80198 MHz	-49.91 dBm	-9.91 dB
1.000 GHz	3.530 GHz	1.000 MHz	3.52054 GHz	-54.53 dBm	-14.53 dB
3.720 GHz	10.000 GHz	1.000 MHz	3.72267 GHz	-41.11 dBm	-1.11 dB
10.000 GHz	25.000 GHz	3.000 MHz	15.84183 GHz	-46.03 dBm	-6.03 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.49501 GHz	-46.51 dBm	-6.51 dB

Date: 16.MAY.2025 01:32:26

N/A





40+40MHz

Low Channel / (3570+3610)MHz

Spectrum

Ref Level 0.00 dBm Offset 31.58 dB Mode Sweep

SGL Count 100/100

1 AvgPwr

Limit Check

Line SPURIOUS LINE_ABS

PASS PASS

Start 30.0 MHz Stop 40.0 GHz

40905 pts

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 GHz	1.000 GHz	1.000 MHz	34.80198 MHz	-51.26 dBm	-11.26 dB
1.000 GHz	3.530 GHz	1.000 MHz	3.52685 GHz	-40.22 dBm	-0.22 dB
3.720 GHz	10.000 GHz	1.000 MHz	8.82711 GHz	-53.25 dBm	-13.25 dB
10.000 GHz	25.000 GHz	3.000 MHz	15.83358 GHz	-46.07 dBm	-6.07 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.49501 GHz	-46.56 dBm	-6.56 dB

Date: 16 MAY 2025 02:24:49

Middle Channel / (3605+3645)MHz

Spectrum

Ref Level 0.00 dBm Offset 31.58 dB Mode Sweep

SGL Count 100/100

1 AvgPwr

Limit Check

Line SPURIOUS LINE_ABS

PASS PASS

Start 30.0 MHz Stop 40.0 GHz

40905 pts

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	34.80198 MHz	-49.36 dBm	-9.36 dB
1.000 GHz	3.530 GHz	1.000 MHz	3.52685 GHz	-45.84 dBm	-5.84 dB
3.720 GHz	10.000 GHz	1.000 MHz	3.72016 GHz	-48.97 dBm	-8.97 dB
10.000 GHz	25.000 GHz	3.000 MHz	15.82983 GHz	-46.05 dBm	-6.05 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.49501 GHz	-46.56 dBm	-6.56 dB

Date: 16 MAY 2025 02:37:42

High Channel / (3640+3680)MHz

Spectrum

Ref Level 0.00 dBm Offset 31.58 dB Mode Sweep

SGL Count 100/100

1 AvgPwr

Limit Check

Line SPURIOUS LINE_ABS

PASS PASS

Start 30.0 MHz Stop 40.0 GHz

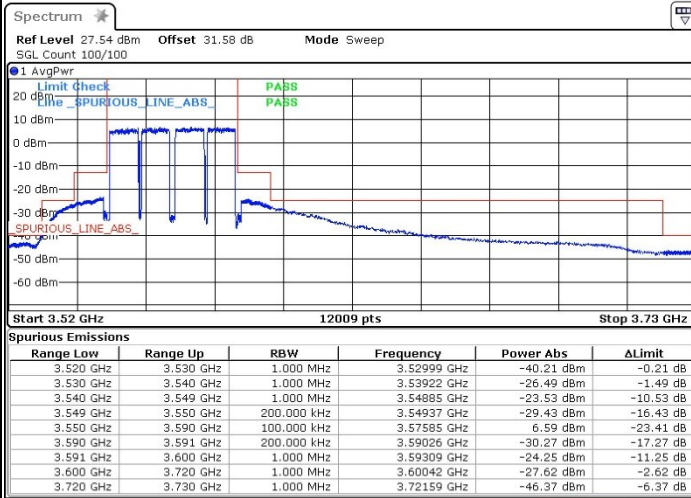
40905 pts

Spurious Emissions

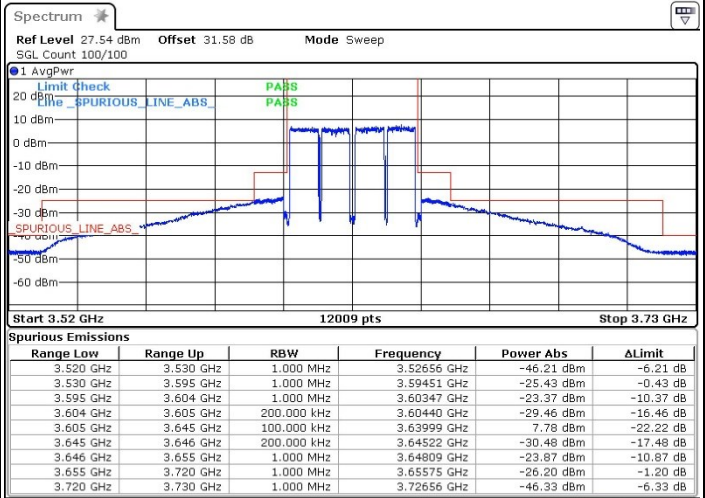
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	34.80198 MHz	-49.58 dBm	-9.58 dB
1.000 GHz	3.530 GHz	1.000 MHz	3.52685 GHz	-52.19 dBm	-12.19 dB
3.720 GHz	10.000 GHz	1.000 MHz	3.72110 GHz	-40.31 dBm	-0.31 dB
10.000 GHz	25.000 GHz	3.000 MHz	15.86958 GHz	-45.98 dBm	-5.98 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.49501 GHz	-46.53 dBm	-6.53 dB

Date: 16 MAY 2025 02:51:49

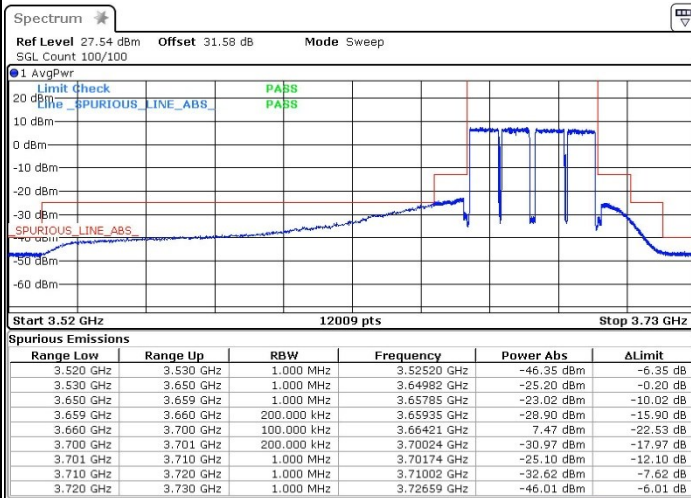
N/A

**Conducted Band Edge****20+20MHz****Low Channel / (3560+3580)MHz****Middle Channel / (3615+3635)MHz**

Date: 15.MAY.2025 20:23:33



Date: 15.MAY.2025 20:35:19

High Channel / (3670+3690)MHz**N/A**

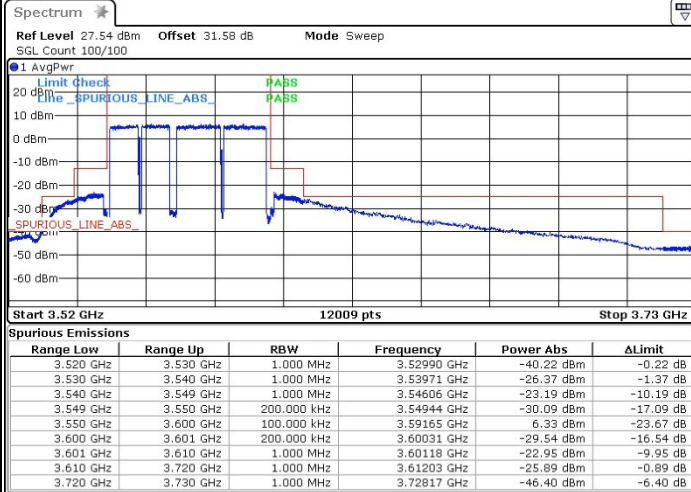
Date: 15.MAY.2025 20:51:47



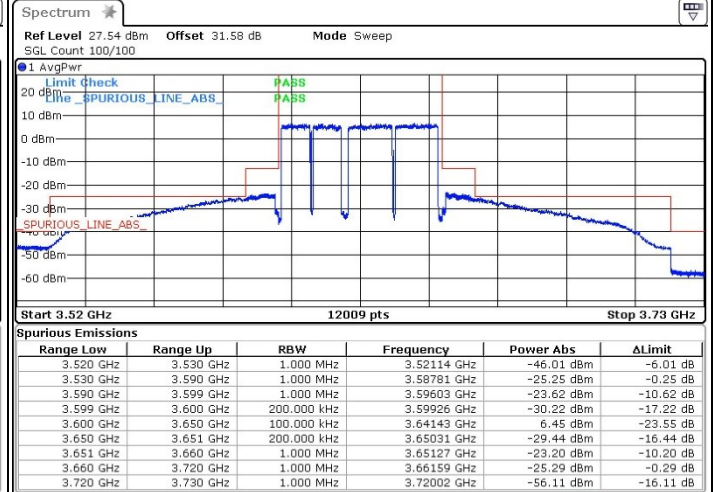
20+30MHz

Low Channel / (3560+3585)MHz

Middle Channel / (3610+3635)MHz



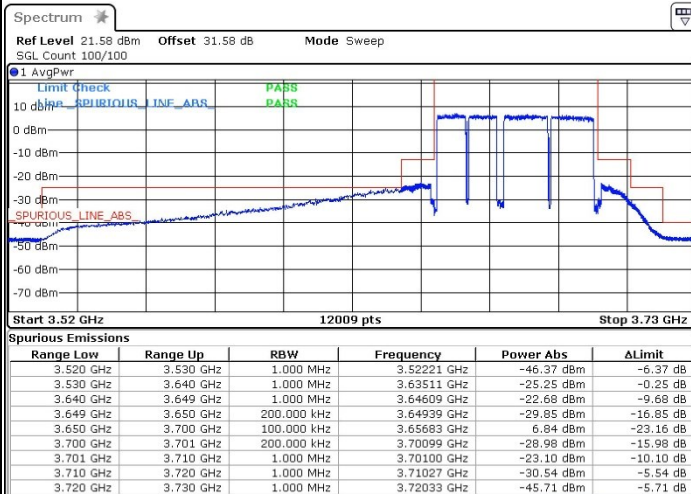
Date: 15 MAY 2025 21:20:23



Date: 15 MAY 2025 22:40:33

High Channel / (3660+3685)MHz

N/A



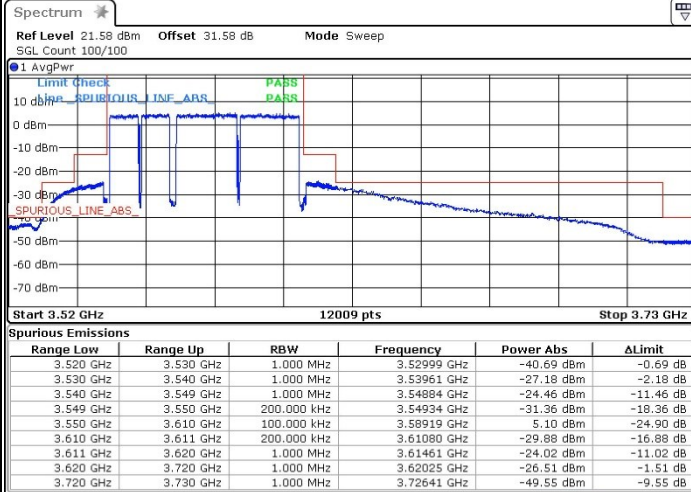
Date: 15 MAY 2025 22:55:51



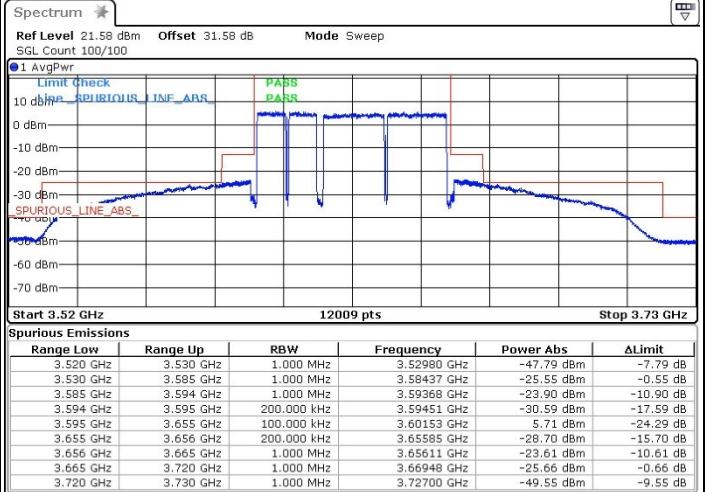
20+40MHz

Low Channel / (3560+3590)MHz

Middle Channel / (3605+3635)MHz



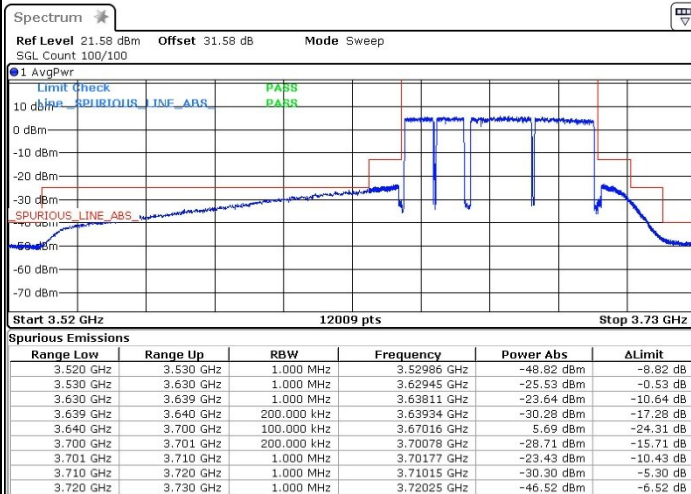
Date: 15.MAY.2025 23:17:40



Date: 15.MAY.2025 23:27:43

High Channel / (3650+3680)MHz

N/A



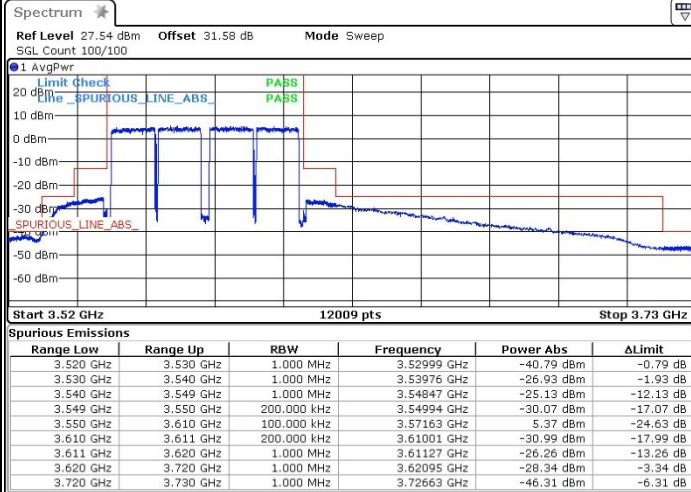
Date: 15.MAY.2025 23:58:19



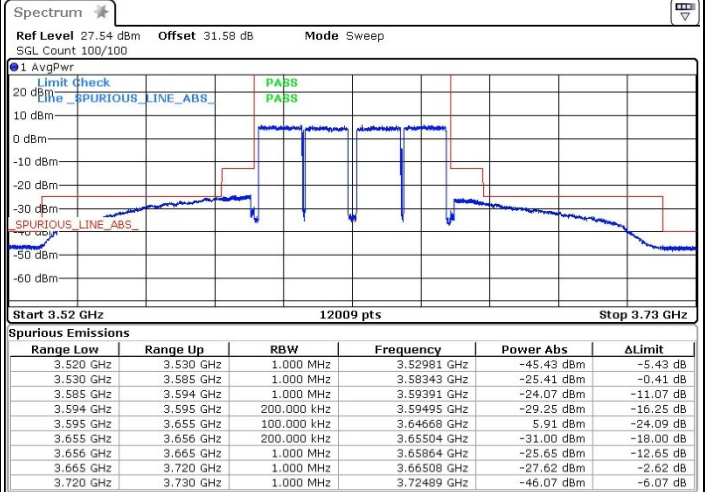
30+30MHz

Low Channel / (3565+3595)MHz

Middle Channel / (3610+3640)MHz



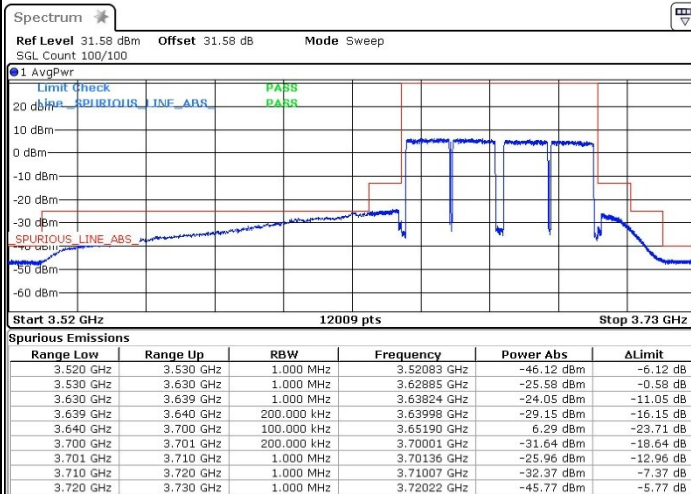
Date: 16 MAY 2025 01:12:51



Date: 16 MAY 2025 01:18:26

High Channel / (3655+3685)MHz

N/A



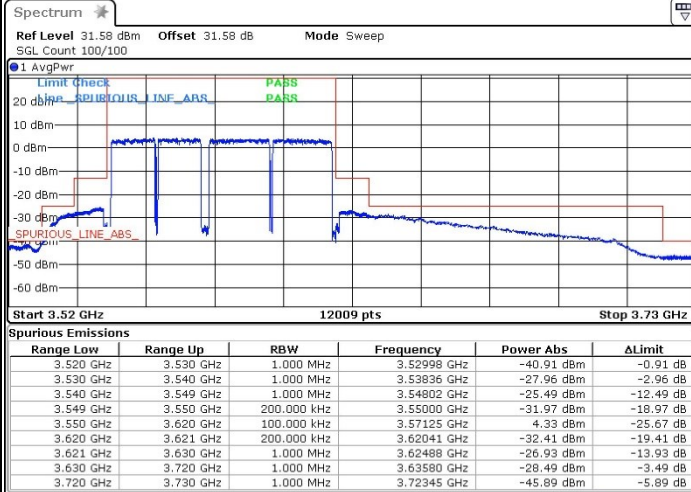
Date: 16 MAY 2025 01:29:55



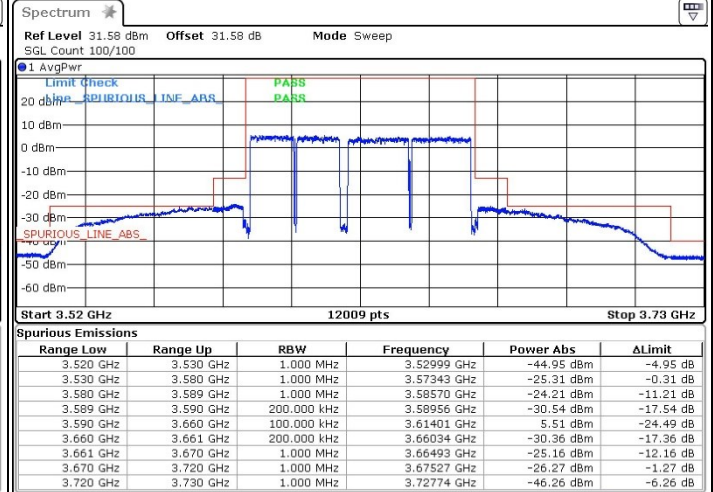
30+40MHz

Low Channel / (3565+3600)MHz

Middle Channel / (3605+3640)MHz



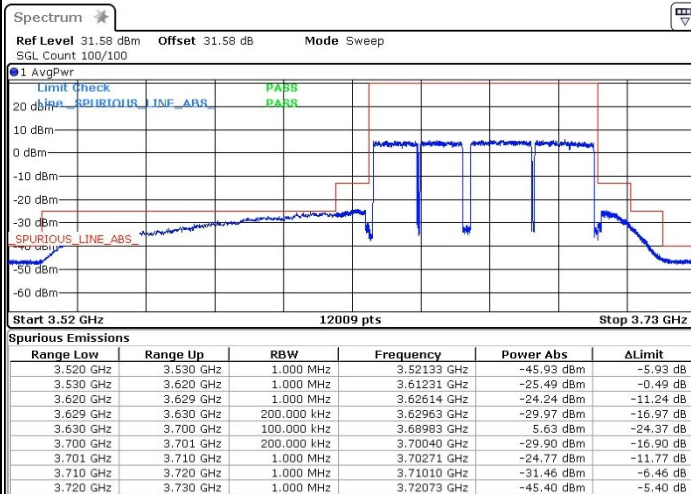
Date: 16 MAY 2025 01:46:20



Date: 16 MAY 2025 01:55:30

High Channel / (3645+3680)MHz

N/A



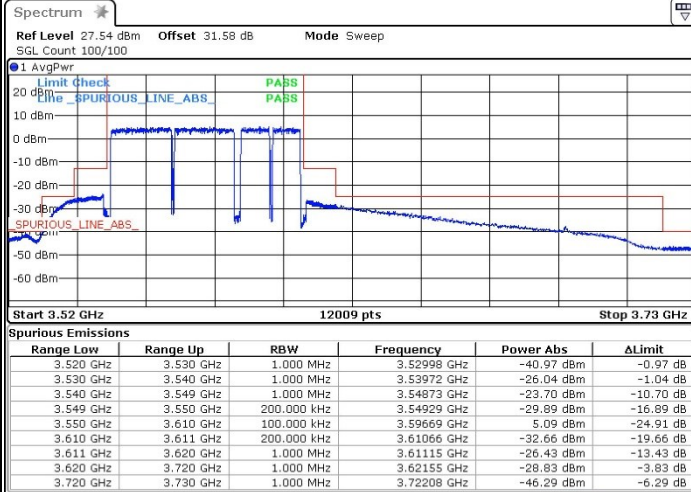
Date: 16 MAY 2025 02:08:05



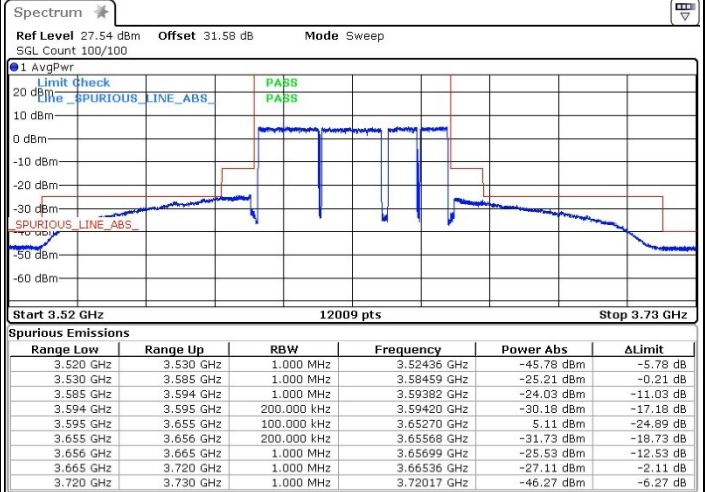
40+20MHz

Low Channel / (3570+3600)MHz

Middle Channel / (3615+3645)MHz



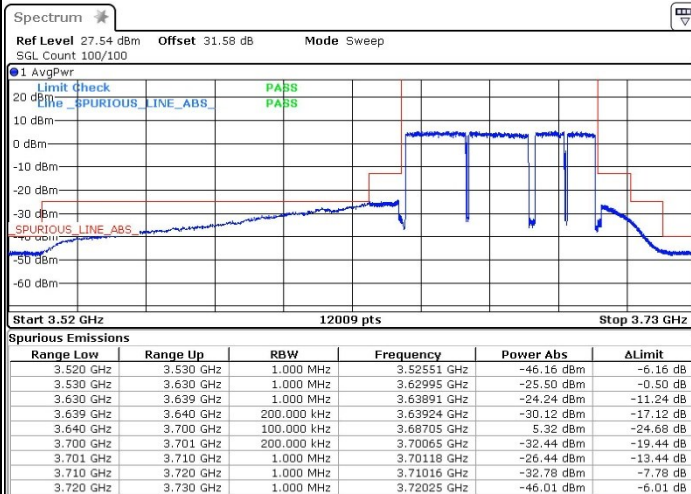
Date: 16 MAY 2025 00:37:07



Date: 16 MAY 2025 00:44:35

High Channel / (3660+3690)MHz

N/A



Date: 16 MAY 2025 00:57:03