

LTU-Instant UNII-1 Annex

Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
Emission Bandwidth 26 dB	5160.000	30.0	10.000000	PASS
RF output power	5160.000	30.0	10.000000	PASS
Power Spectral Density	5160.000	30.0	10.000000	PASS
Occupied Channel Bandwidth 99%	5160.000	30.0	10.000000	PASS
RF output power	5165.000	30.0	10.000000	PASS
RF output power	5170.000	30.0	10.000000	PASS
Emission Bandwidth 26 dB	5200.000	30.0	10.000000	PASS
RF output power	5200.000	30.0	10.000000	PASS
Power Spectral Density	5200.000	30.0	10.000000	PASS
Occupied Channel Bandwidth 99%	5200.000	30.0	10.000000	PASS
Emission Bandwidth 26 dB	5245.000	30.0	10.000000	PASS
RF output power	5245.000	30.0	10.000000	PASS
Power Spectral Density	5245.000	30.0	10.000000	PASS
Occupied Channel Bandwidth 99%	5245.000	30.0	10.000000	PASS
Emission Bandwidth 26 dB	5165.000	30.0	20.000000	PASS
RF output power	5165.000	30.0	20.000000	PASS
Power Spectral Density	5165.000	30.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5165.000	30.0	20.000000	PASS
RF output power	5170.000	30.0	20.000000	PASS
RF output power	5175.000	30.0	20.000000	PASS
RF output power	5180.000	30.0	20.000000	PASS
RF output power	5185.000	30.0	20.000000	PASS
RF output power	5190.000	30.0	20.000000	PASS
RF output power	5195.000	30.0	20.000000	PASS
Emission Bandwidth 26 dB	5200.000	30.0	20.000000	PASS
RF output power	5200.000	30.0	20.000000	PASS
Power Spectral Density	5200.000	30.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5200.000	30.0	20.000000	PASS
RF output power	5205.000	30.0	20.000000	PASS
Emission Bandwidth 26 dB	5240.000	30.0	20.000000	PASS
RF output power	5240.000	30.0	20.000000	PASS
Power Spectral Density	5240.000	30.0	20.000000	PASS
Occupied Channel Bandwidth 99%	5240.000	30.0	20.000000	PASS
Emission Bandwidth 26 dB	5170.000	30.0	30.000000	PASS
RF output power	5170.000	30.0	30.000000	PASS
Power Spectral Density	5170.000	30.0	30.000000	PASS
Occupied Channel Bandwidth 99%	5170.000	30.0	30.000000	PASS
RF output power	5175.000	30.0	30.000000	PASS
RF output power	5180.000	30.0	30.000000	PASS
RF output power	5185.000	30.0	30.000000	PASS
RF output power	5190.000	30.0	30.000000	PASS
RF output power	5195.000	30.0	30.000000	PASS
Emission Bandwidth 26 dB	5200.000	30.0	30.000000	PASS
RF output power	5200.000	30.0	30.000000	PASS
Power Spectral Density	5200.000	30.0	30.000000	PASS
Occupied Channel Bandwidth 99%	5200.000	30.0	30.000000	PASS
Emission Bandwidth 26 dB	5235.000	30.0	30.000000	PASS
RF output power	5235.000	30.0	30.000000	PASS
Power Spectral Density	5235.000	30.0	30.000000	PASS
Occupied Channel Bandwidth 99%	5235.000	30.0	30.000000	PASS
Emission Bandwidth 26 dB	5175.000	30.0	40.000000	PASS
RF output power	5175.000	30.0	40.000000	PASS
Power Spectral Density	5175.000	30.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5175.000	30.0	40.000000	PASS
RF output power	5180.000	30.0	40.000000	PASS
RF output power	5185.000	30.0	40.000000	PASS
RF output power	5190.000	30.0	40.000000	PASS
RF output power	5195.000	30.0	40.000000	PASS
Emission Bandwidth 26 dB	5200.000	30.0	40.000000	PASS
RF output power	5200.000	30.0	40.000000	PASS
Power Spectral Density	5200.000	30.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5200.000	30.0	40.000000	PASS
RF output power	5205.000	30.0	40.000000	PASS
RF output power	5210.000	30.0	40.000000	PASS
RF output power	5215.000	30.0	40.000000	PASS
Emission Bandwidth 26 dB	5230.000	30.0	40.000000	PASS

RF output power	5230.000	30.0	40.000000	PASS
Power Spectral Density	5230.000	30.0	40.000000	PASS
Occupied Channel Bandwidth 99%	5230.000	30.0	40.000000	PASS
Emission Bandwidth 26 dB	5180.000	30.0	50.000000	PASS
RF output power	5180.000	30.0	50.000000	PASS
Power Spectral Density	5180.000	30.0	50.000000	PASS
Occupied Channel Bandwidth 99%	5180.000	30.0	50.000000	PASS
RF output power	5185.000	30.0	50.000000	PASS
RF output power	5190.000	30.0	50.000000	PASS
RF output power	5195.000	30.0	50.000000	PASS
Emission Bandwidth 26 dB	5200.000	30.0	50.000000	PASS
RF output power	5200.000	30.0	50.000000	PASS
Power Spectral Density	5200.000	30.0	50.000000	PASS
Occupied Channel Bandwidth 99%	5200.000	30.0	50.000000	PASS
RF output power	5205.000	30.0	50.000000	PASS
RF output power	5210.000	30.0	50.000000	PASS
RF output power	5215.000	30.0	50.000000	PASS
RF output power	5220.000	30.0	50.000000	PASS
Emission Bandwidth 26 dB	5225.000	30.0	50.000000	PASS
RF output power	5225.000	30.0	50.000000	PASS
Power Spectral Density	5225.000	30.0	50.000000	PASS
Occupied Channel Bandwidth 99%	5225.000	30.0	50.000000	PASS

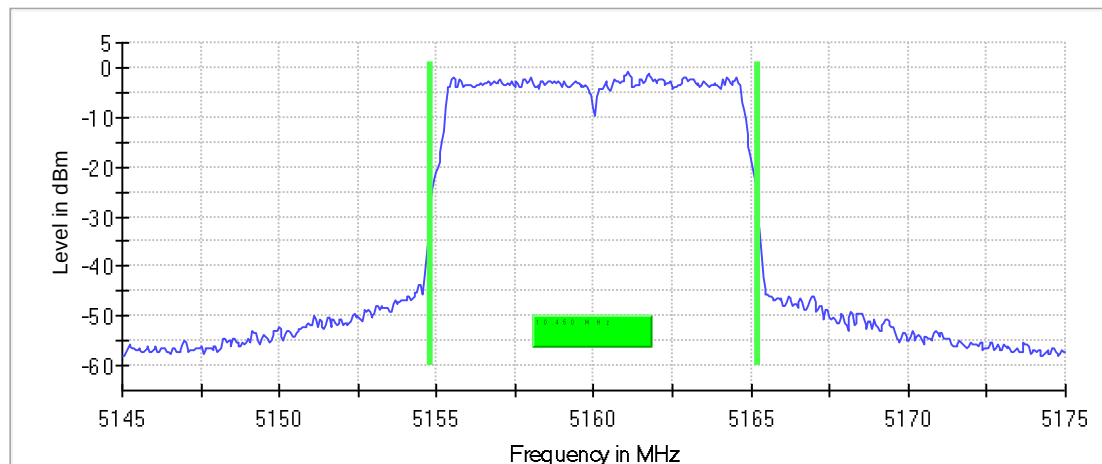
Emission Bandwidth 26 dB (5160 MHz; 30.000 dBm; 10 MHz)

26 dB Bandwidth

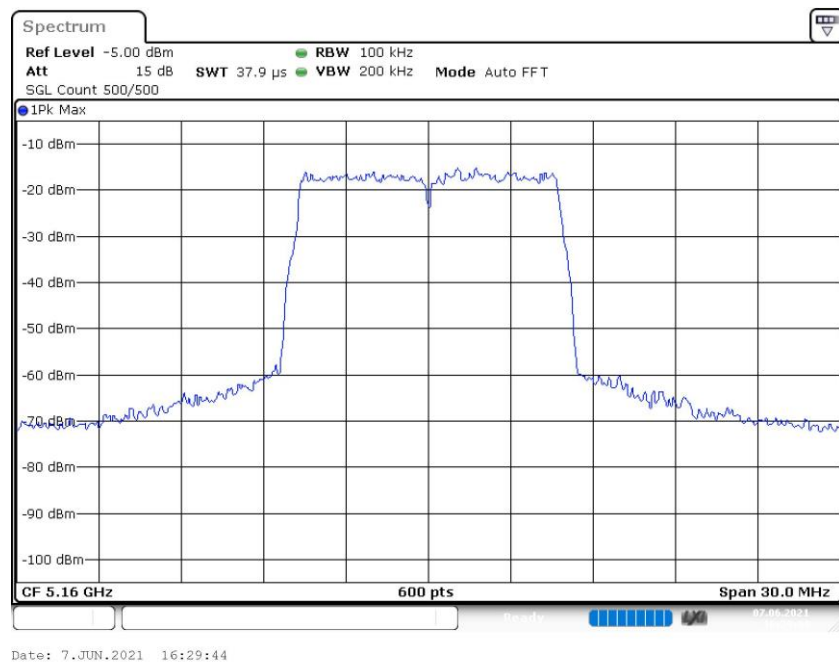
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5160.000000	10.450000	---	---	5154.775000	5165.225000

DUT Frequency (MHz)	Max Level (dBm)	Result
5160.000000	-0.9	PASS

26 dB Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.14500 GHz	5.14500 GHz
Stop Frequency	5.17500 GHz	5.17500 GHz
Span	30.000 MHz	30.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	200.000 kHz	>= 120.000 kHz
SweepPoints	600	~ 600
SweepTime	37.891 μ s	AUTO
Reference Level	-5.000 dBm	-5.000 dBm
Attenuation	15.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	500	500
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

RF output power (5160 MHz; 30.000 dBm; 10 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5160.000000	14.4	30.0	17.4	98.326	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Power Spectral Density (5160 MHz; 30.000 dBm; 10 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
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5160.000000	5157.722772	2.415	17.0	PASS
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Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.15500 GHz	5.15500 GHz
Stop Frequency	5.16500 GHz	5.16500 GHz
Span	10.000 MHz	10.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 20
SweepTime	2.020 ms	2.020 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	FFT	AUTO
Preamp	off	off

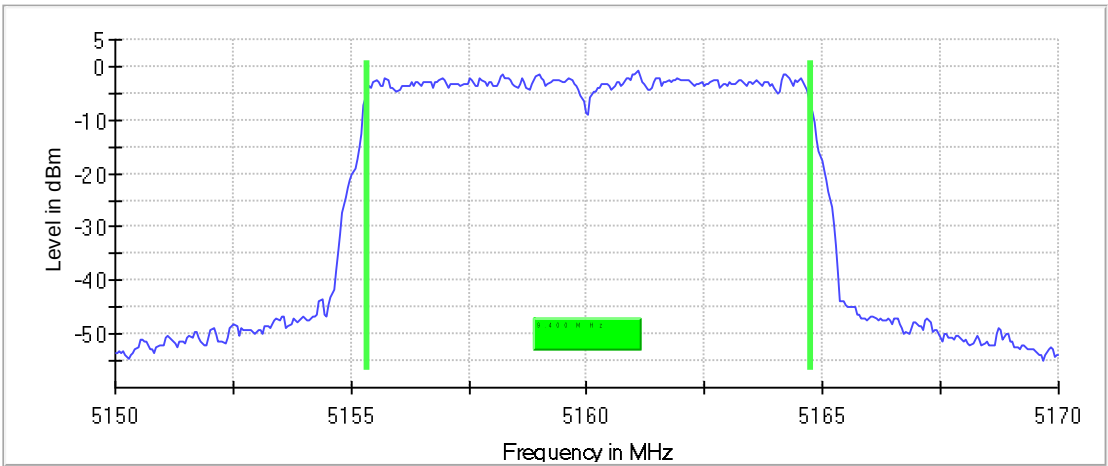
Occupied Channel Bandwidth 99% (5160 MHz; 30.000 dBm; 10 MHz)

99 % Bandwidth

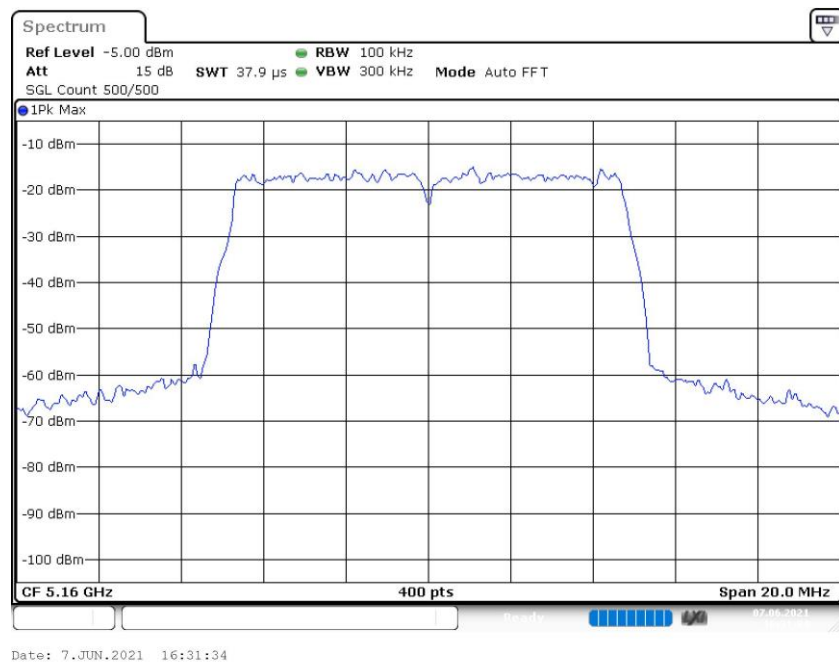
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5160.000000	9.400000	---	---	5155.325000	5164.725000

DUT Frequency (MHz)	Result
5160.000000	PASS

99 % Bandwidth



Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.15000 GHz	5.15000 GHz
Stop Frequency	5.17000 GHz	5.17000 GHz
Span	20.000 MHz	20.000 MHz
RBW	100.000 kHz	>= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	400	~ 400
SweepTime	37.891 μ s	AUTO
Reference Level	-5.000 dBm	-5.000 dBm
Attenuation	15.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	500	500
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off

RF output power (5165 MHz; 30.000 dBm; 10 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5165.000000	17.3	30.0	20.3	98.324	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

RF output power (5170 MHz; 30.000 dBm; 10 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5170.000000	19.5	30.0	22.5	98.323	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 µs	1.000 µs

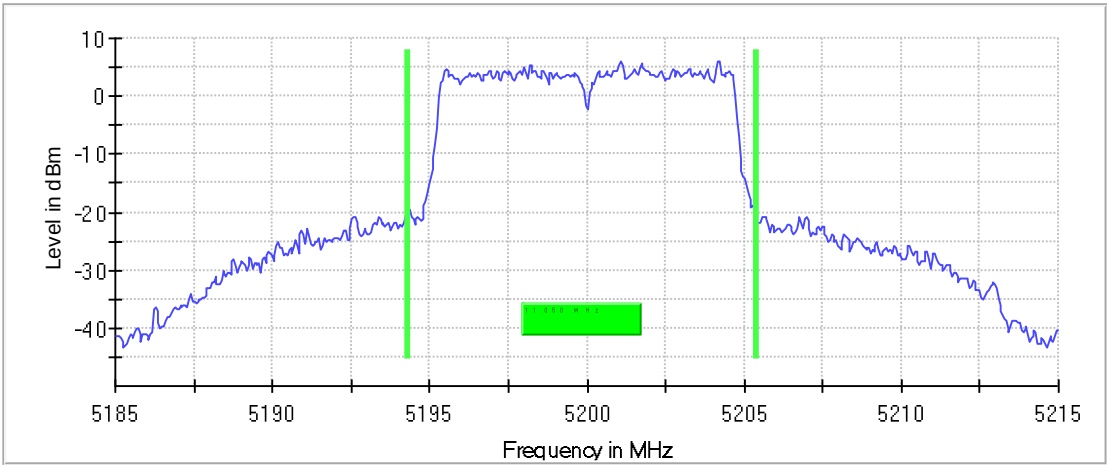
Emission Bandwidth 26 dB (5200 MHz; 30.000 dBm; 10 MHz)

26 dB Bandwidth

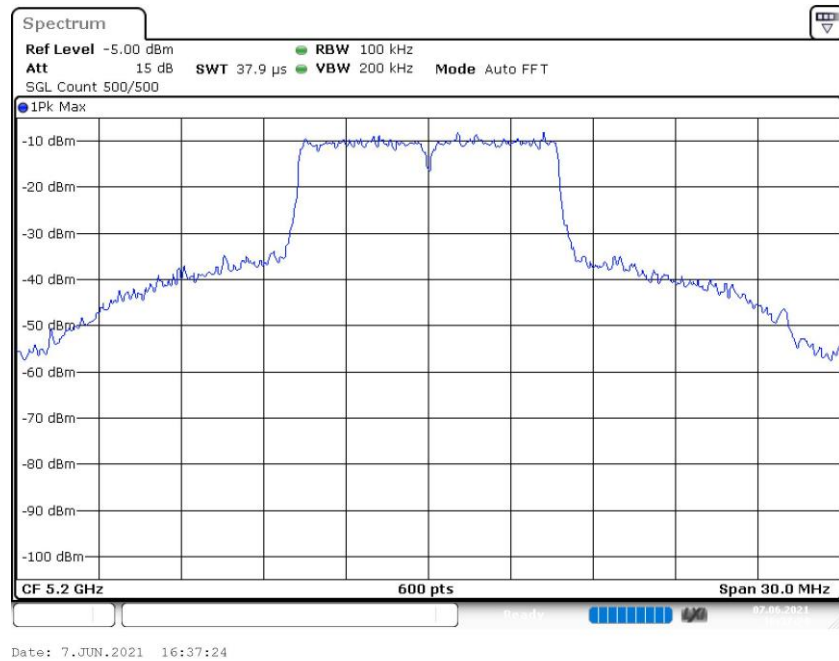
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5200.000000	11.050000	---	---	5194.325000	5205.375000

DUT Frequency (MHz)	Max Level (dBm)	Result
5200.000000	6.1	PASS

26 dB Bandwidth



Bandwidth



RF output power (5200 MHz; 30.000 dBm; 10 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5200.000000	21.2	30.0	24.2	98.324	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Power Spectral Density (5200 MHz; 30.000 dBm; 10 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5200.000000	5197.623762	9.520	17.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.19500 GHz	5.19500 GHz
Stop Frequency	5.20500 GHz	5.20500 GHz
Span	10.000 MHz	10.000 MHz
RBW	1.000 MHz	≤ 1.000 MHz
VBW	3.000 MHz	≥ 3.000 MHz
SweepPoints	101	~ 20
SweepTime	2.020 ms	2.020 ms
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO

Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	FFT	AUTO
Preamp	off	off

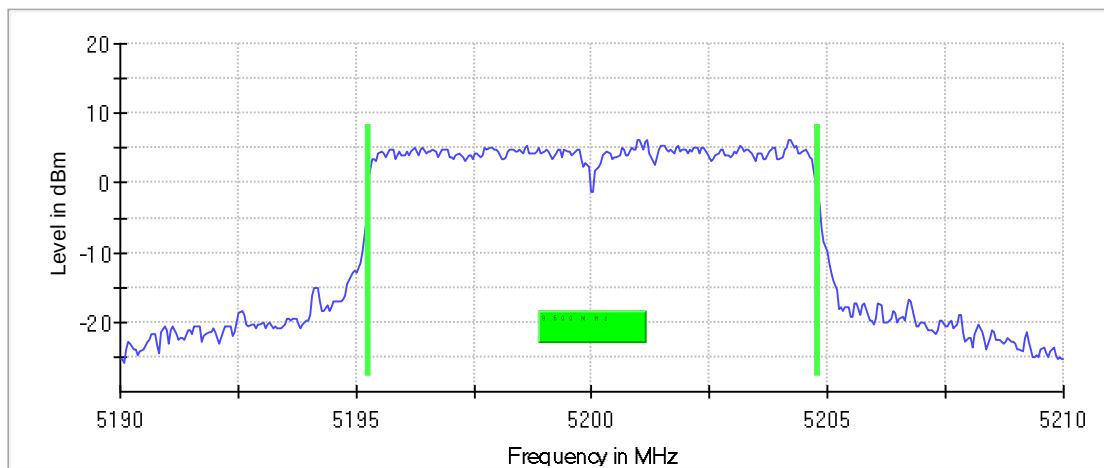
Occupied Channel Bandwidth 99% (5200 MHz; 30.000 dBm; 10 MHz)

99 % Bandwidth

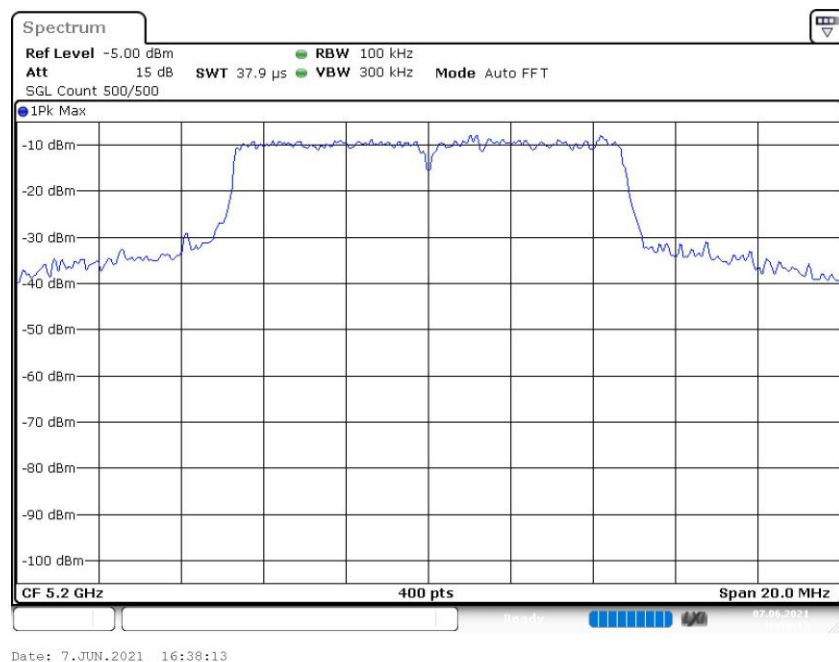
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5200.000000	9.500000	---	---	5195.275000	5204.775000

DUT Frequency (MHz)	Result
5200.000000	PASS

99 % Bandwidth



Bandwidth



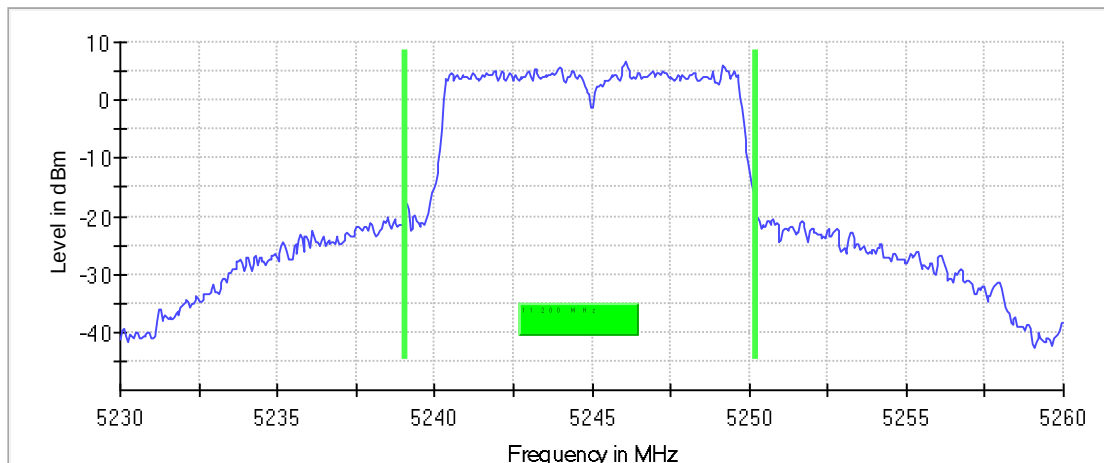
Emission Bandwidth 26 dB (5245 MHz; 30.000 dBm; 10 MHz)

26 dB Bandwidth

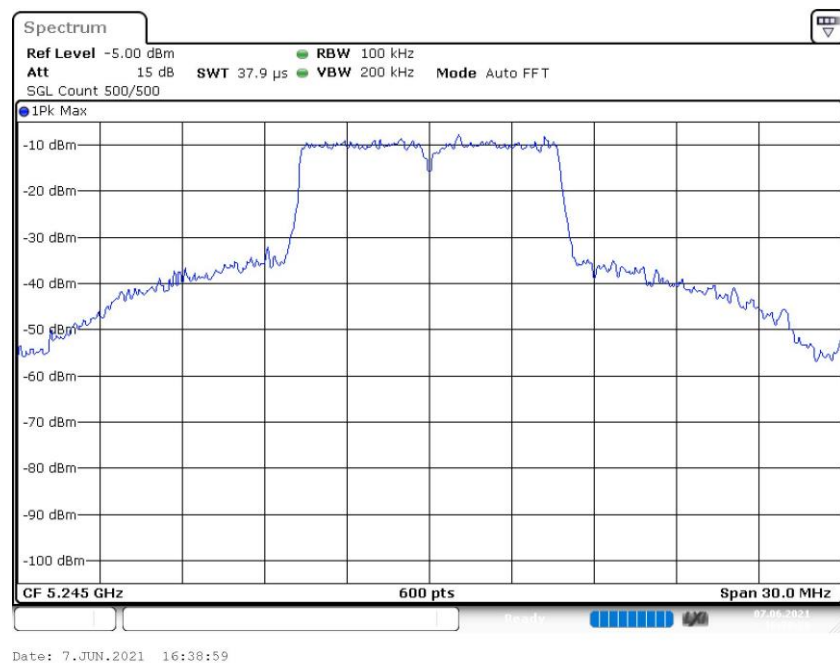
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5245.000000	11.200000	---	---	5239.025000	5250.225000

DUT Frequency (MHz)	Max Level (dBm)	Result
5245.000000	6.5	PASS

26 dB Bandwidth



Bandwidth



RF output power (5245 MHz; 30.000 dBm; 10 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5245.000000	21.7	30.0	24.7	98.324	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 µs	1.000 µs

Power Spectral Density (5245 MHz; 30.000 dBm; 10 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5245.000000	5242.722772	9.388	17.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.24000 GHz	5.24000 GHz
Stop Frequency	5.25000 GHz	5.25000 GHz
Span	10.000 MHz	10.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 20
SweepTime	2.020 ms	2.020 ms
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	FFT	AUTO
Preamp	off	off

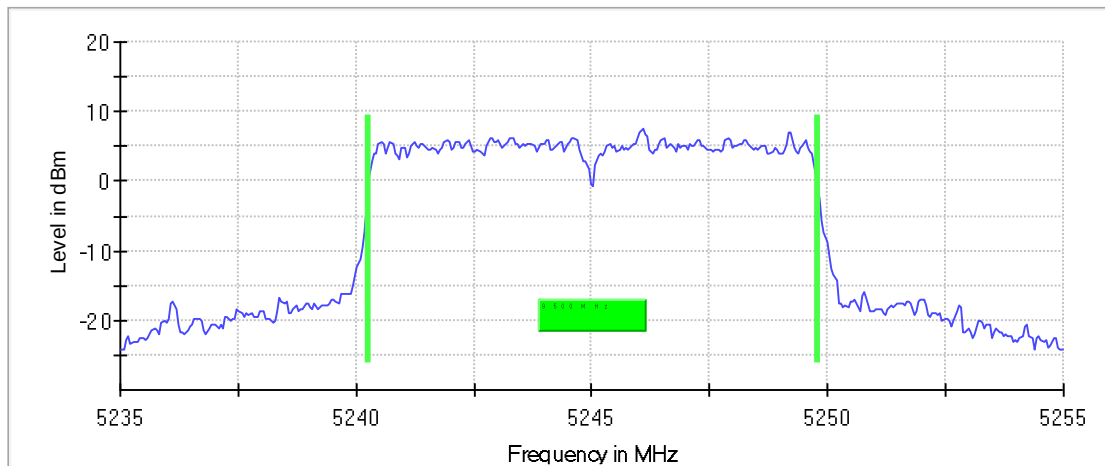
Occupied Channel Bandwidth 99% (5245 MHz; 30.000 dBm; 10 MHz)

99 % Bandwidth

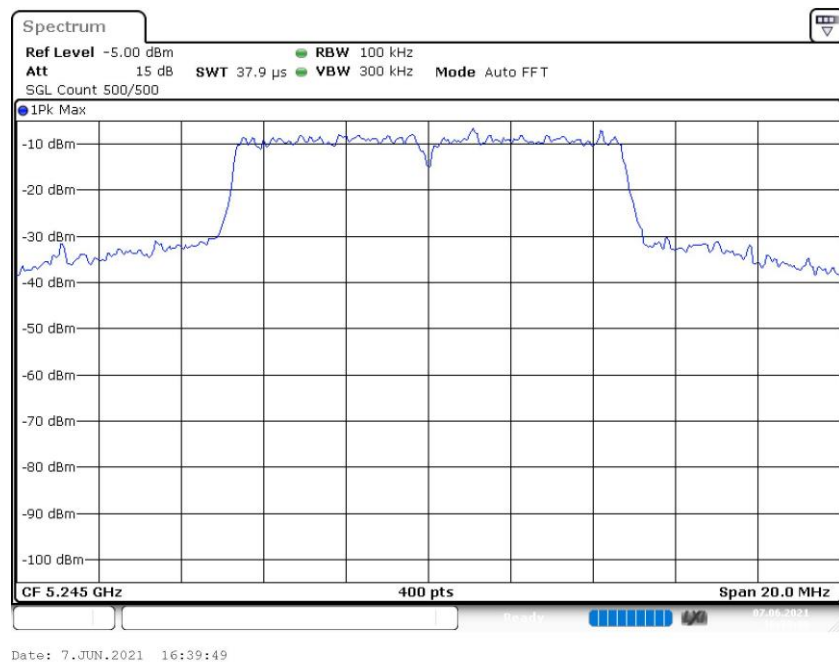
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5245.000000	9.500000	---	---	5240.275000	5249.775000

DUT Frequency (MHz)	Result
5245.000000	PASS

99 % Bandwidth



Bandwidth



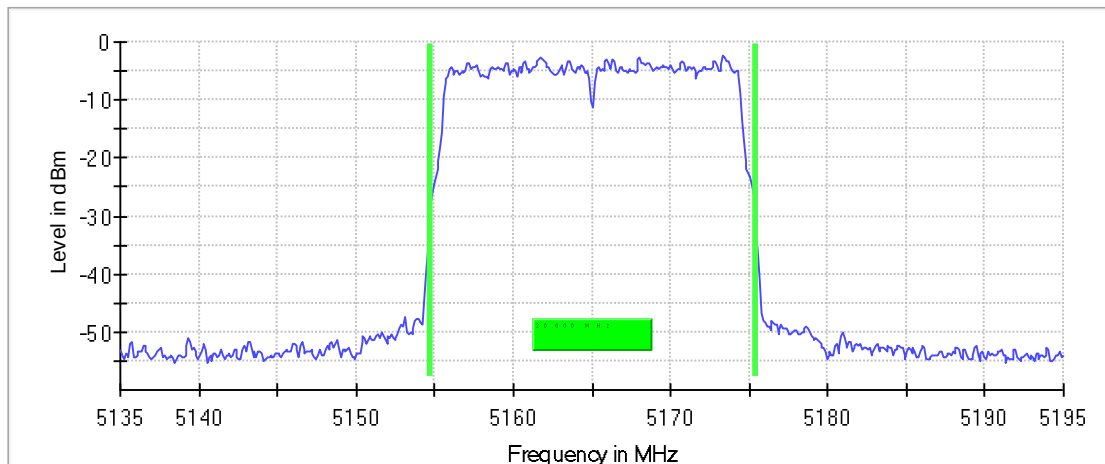
Emission Bandwidth 26 dB (5165 MHz; 30.000 dBm; 20 MHz)

26 dB Bandwidth

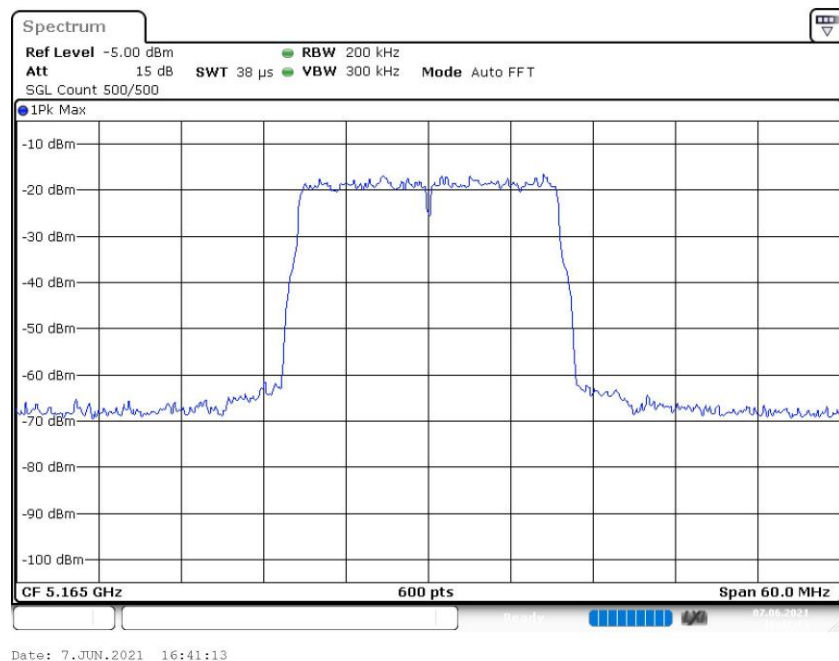
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5165.000000	20.600000	---	---	5154.750000	5175.350000

DUT Frequency (MHz)	Max Level (dBm)	Result
5165.000000	-2.3	PASS

26 dB Bandwidth



Bandwidth



RF output power (5165 MHz; 30.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5165.000000	12.9	30.0	15.9	99.389	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Power Spectral Density (5165 MHz; 30.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5165.000000	5166.386139	-2.221	17.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.15500 GHz	5.15500 GHz
Stop Frequency	5.17500 GHz	5.17500 GHz
Span	20.000 MHz	20.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 40
SweepTime	2.020 ms	2.020 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	FFT	AUTO
Preamp	off	off

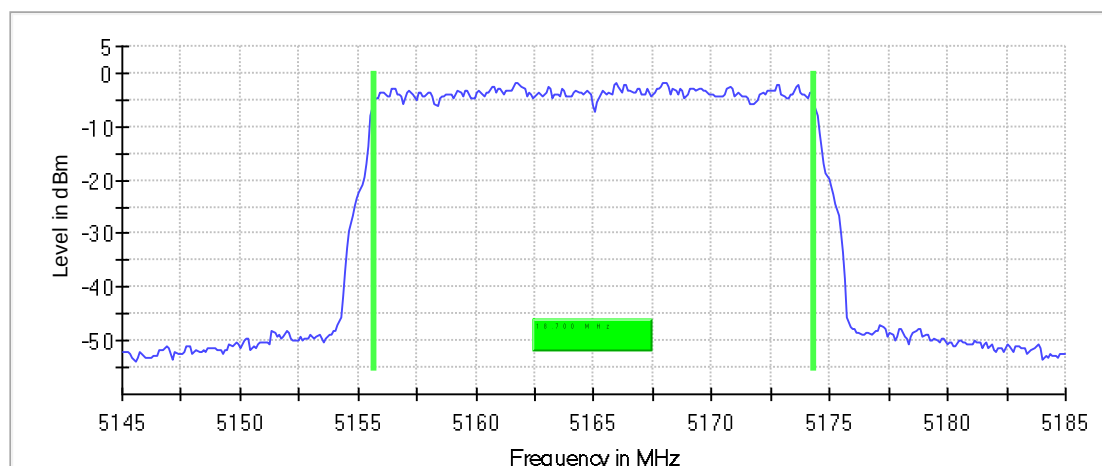
Occupied Channel Bandwidth 99% (5165 MHz; 30.000 dBm; 20 MHz)

99 % Bandwidth

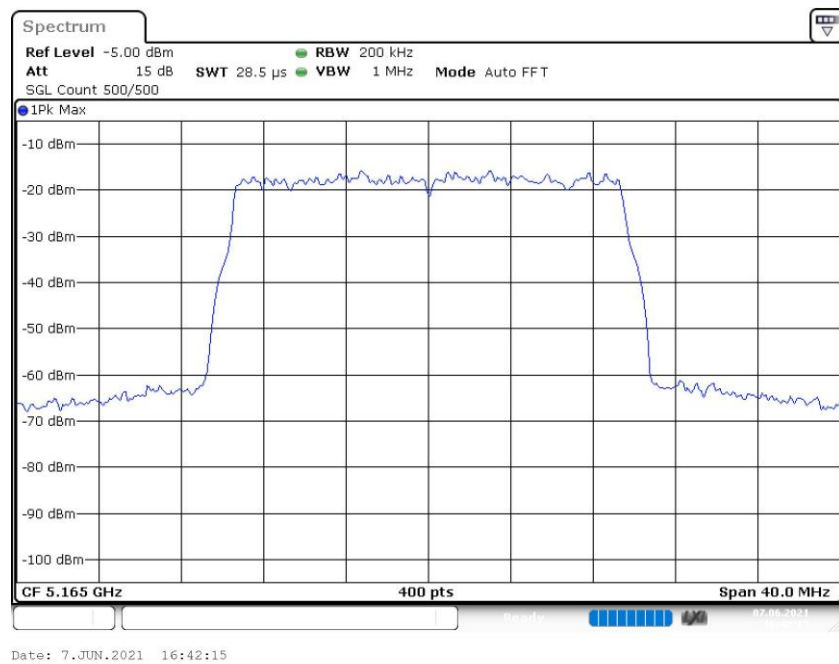
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5165.000000	18.700000	---	---	5155.650000	5174.350000

DUT Frequency (MHz)	Result
5165.000000	PASS

99 % Bandwidth



Bandwidth



RF output power (5170 MHz; 30.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5170.000000	14.4	30.0	17.4	99.387	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

RF output power (5175 MHz; 30.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5175.000000	16.7	30.0	19.7	99.384	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

RF output power (5180 MHz; 30.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5180.000000	17.0	30.0	20.0	99.384	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 µs	1.000 µs

RF output power (5185 MHz; 30.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5185.000000	17.1	30.0	20.1	99.384	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 µs	1.000 µs

RF output power (5190 MHz; 30.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5190.000000	17.0	30.0	20.0	99.384	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 µs	1.000 µs

RF output power (5195 MHz; 30.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5195.000000	16.8	30.0	19.8	99.385	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 µs	1.000 µs

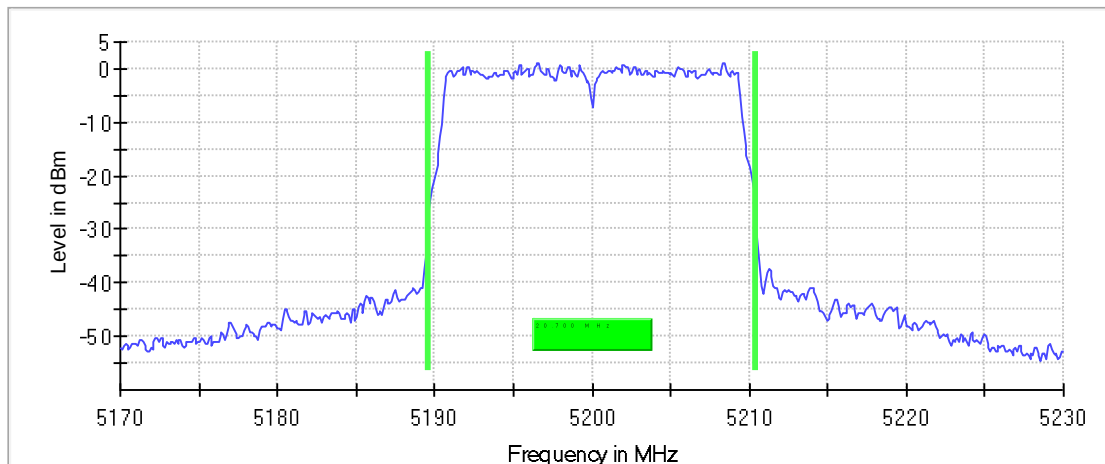
Emission Bandwidth 26 dB (5200 MHz; 30.000 dBm; 20 MHz)

26 dB Bandwidth

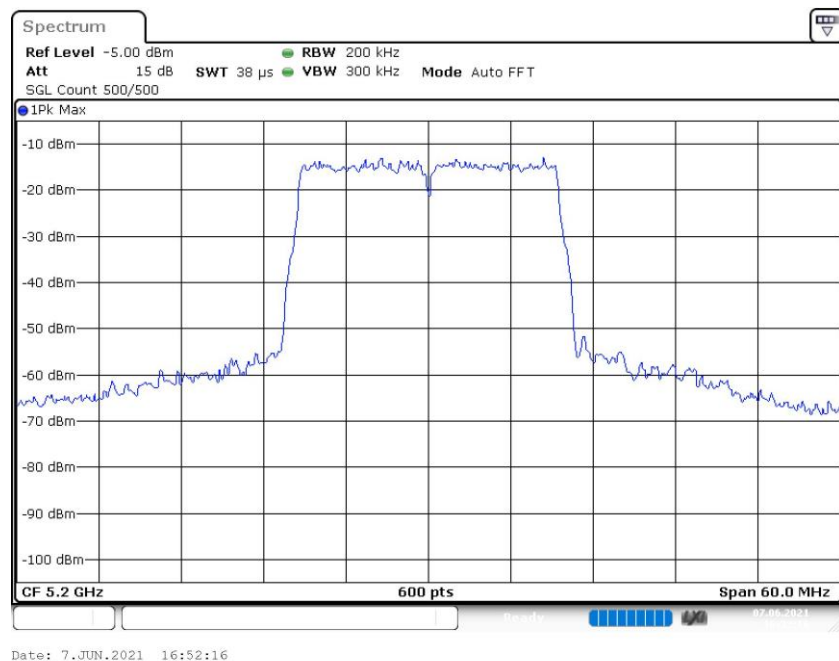
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5200.000000	20.700000	---	---	5189.650000	5210.350000

DUT Frequency (MHz)	Max Level (dBm)	Result
5200.000000	1.2	PASS

26 dB Bandwidth



Bandwidth



RF output power (5200 MHz; 30.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5200.000000	16.6	30.0	19.6	99.385	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Power Spectral Density (5200 MHz; 30.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5200.000000	5194.851485	2.262	17.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.19000 GHz	5.19000 GHz
Stop Frequency	5.21000 GHz	5.21000 GHz
Span	20.000 MHz	20.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 40
SweepTime	2.020 ms	2.020 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	FFT	AUTO
Preamp	off	off

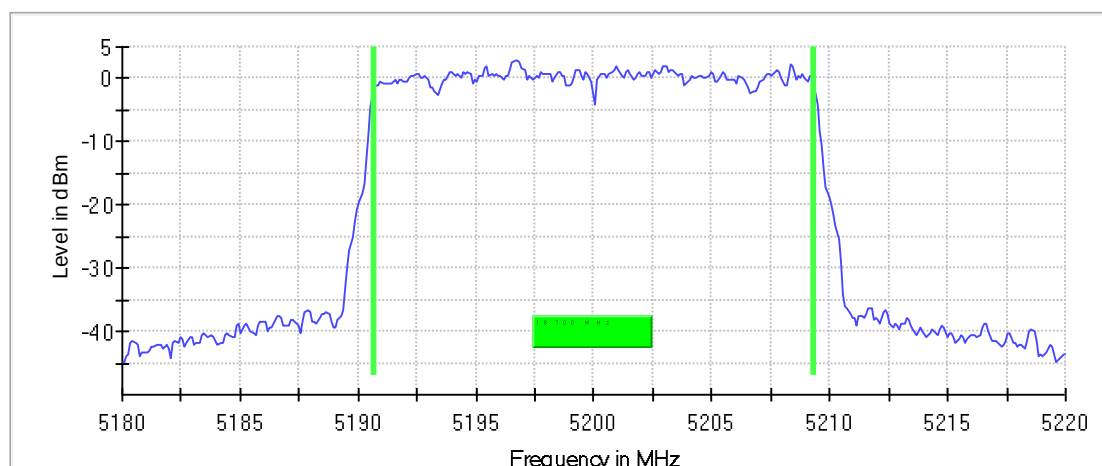
Occupied Channel Bandwidth 99% (5200 MHz; 30.000 dBm; 20 MHz)

99 % Bandwidth

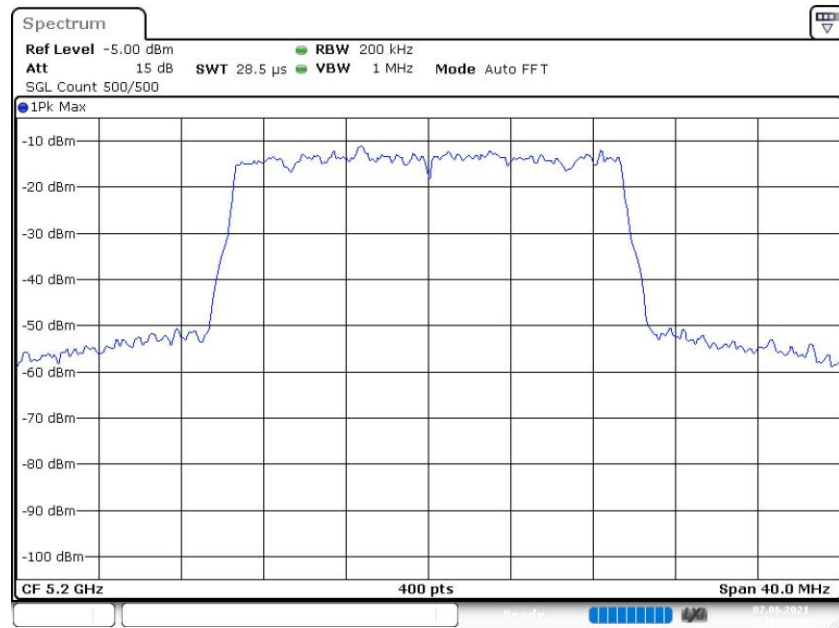
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5200.000000	18.700000	---	---	5190.650000	5209.350000

DUT Frequency (MHz)	Result
5200.000000	PASS

99 % Bandwidth



Bandwidth



Date: 7.JUN.2021 16:53:06

RF output power (5205 MHz; 30.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5205.000000	21.1	30.0	24.1	99.382	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

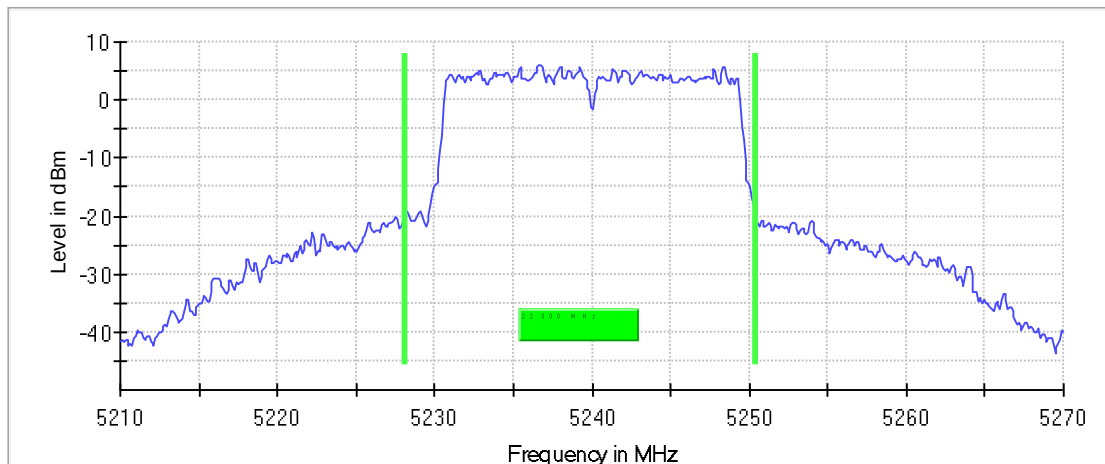
Emission Bandwidth 26 dB (5240 MHz; 30.000 dBm; 20 MHz)

26 dB Bandwidth

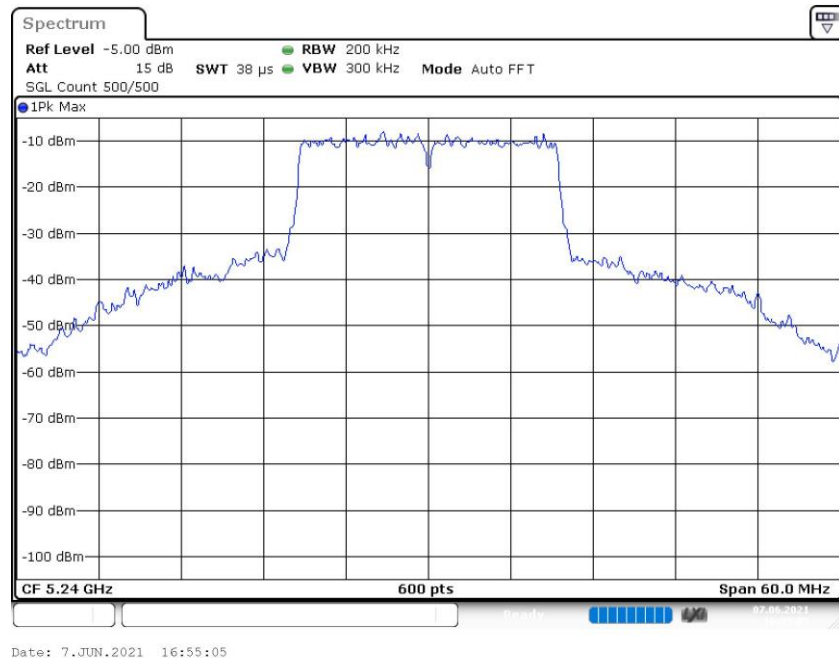
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5240.000000	22.300000	---	---	5228.050000	5250.350000

DUT Frequency (MHz)	Max Level (dBm)	Result
5240.000000	6.2	PASS

26 dB Bandwidth



Bandwidth



RF output power (5240 MHz; 30.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5240.000000	21.7	30.0	24.7	99.384	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Power Spectral Density (5240 MHz; 30.000 dBm; 20 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5240.000000	5235.841584	7.201	17.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.23000 GHz	5.23000 GHz
Stop Frequency	5.25000 GHz	5.25000 GHz
Span	20.000 MHz	20.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 40
SweepTime	2.020 ms	2.020 ms
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	FFT	AUTO
Preamp	off	off

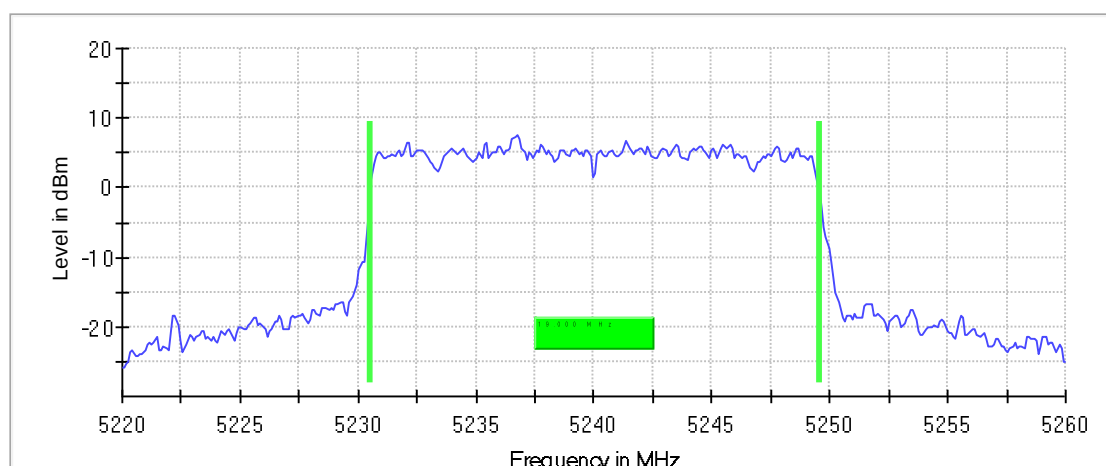
Occupied Channel Bandwidth 99% (5240 MHz; 30.000 dBm; 20 MHz)

99 % Bandwidth

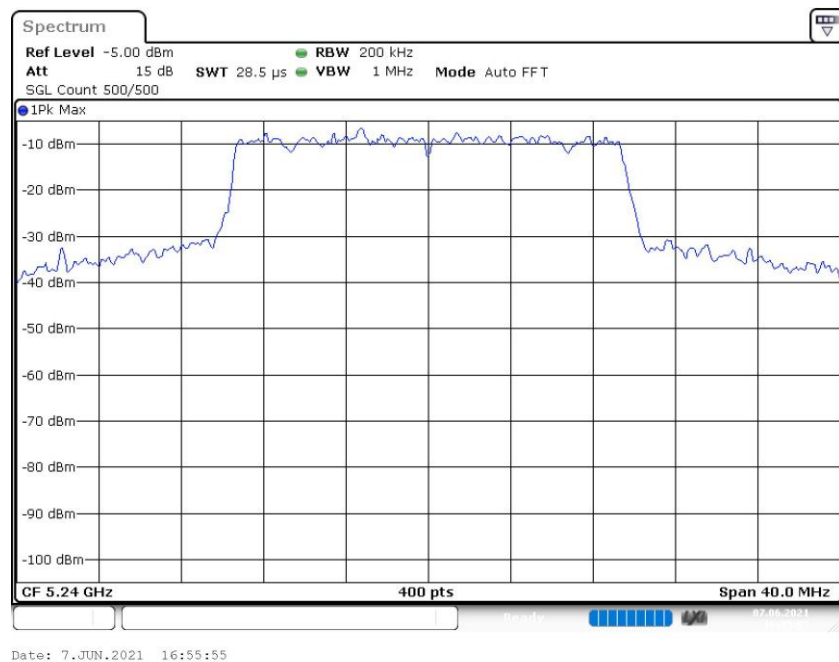
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5240.000000	19.000000	---	---	5230.550000	5249.550000

DUT Frequency (MHz)	Result
5240.000000	PASS

99 % Bandwidth



Bandwidth



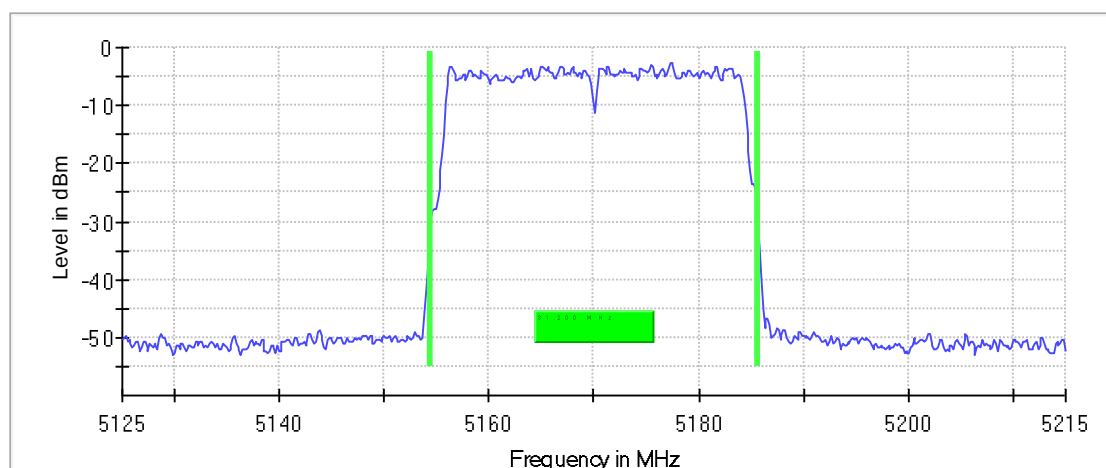
Emission Bandwidth 26 dB (5170 MHz; 30.000 dBm; 30 MHz)

26 dB Bandwidth

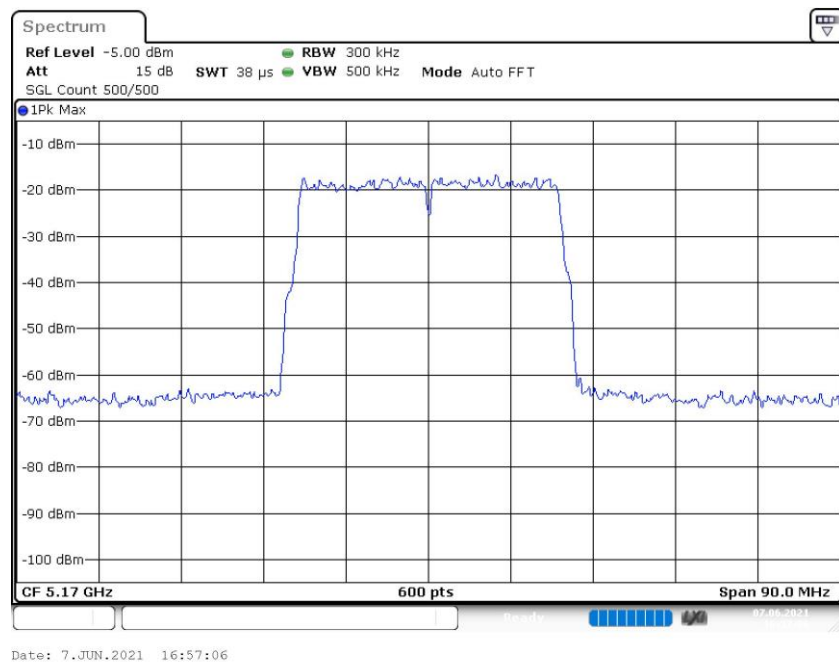
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5170.000000	31.200000	---	---	5154.475000	5185.675000

DUT Frequency (MHz)	Max Level (dBm)	Result
5170.000000	-2.5	PASS

26 dB Bandwidth



Bandwidth



RF output power (5170 MHz; 30.000 dBm; 30 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5170.000000	12.8	30.0	15.8	99.600	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Power Spectral Density (5170 MHz; 30.000 dBm; 30 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5170.000000	5176.237624	-2.709	17.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.15500 GHz	5.15500 GHz
Stop Frequency	5.18500 GHz	5.18500 GHz
Span	30.000 MHz	30.000 MHz
RBW	1.000 MHz	≤ 1.000 MHz
VBW	3.000 MHz	≥ 3.000 MHz
SweepPoints	101	~ 60
SweepTime	2.020 ms	2.020 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO

Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	Sweep	AUTO
Preamp	off	off

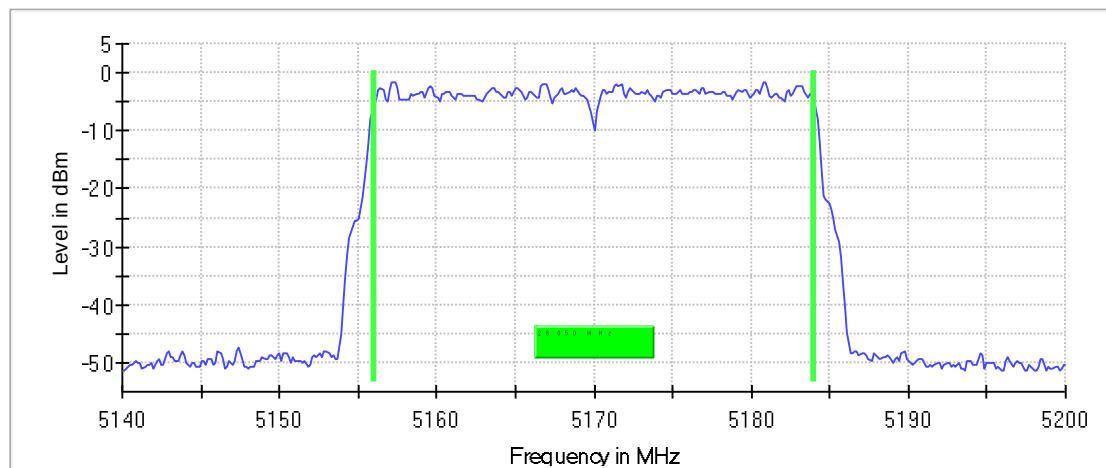
Occupied Channel Bandwidth 99% (5170 MHz; 30.000 dBm; 30 MHz)

99 % Bandwidth

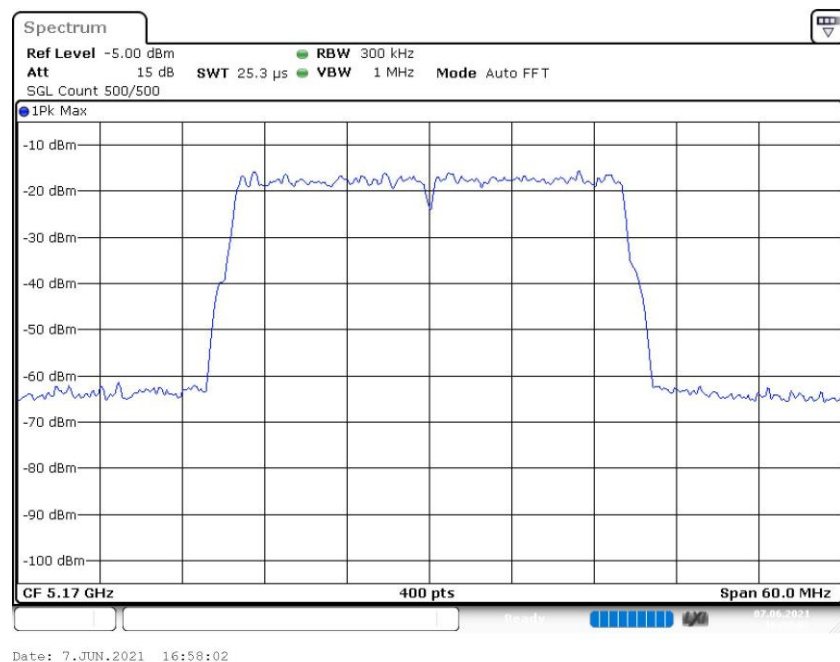
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5170.000000	28.050000	---	---	5155.975000	5184.025000

DUT Frequency (MHz)	Result
5170.000000	PASS

99 % Bandwidth



Bandwidth



RF output power (5175 MHz; 30.000 dBm; 30 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5175.000000	14.0	30.0	17.0	99.600	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 µs	1.000 µs

RF output power (5180 MHz; 30.000 dBm; 30 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5180.000000	14.9	30.0	17.9	99.550	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 µs	1.000 µs

RF output power (5185 MHz; 30.000 dBm; 30 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5185.000000	16.9	30.0	19.9	99.550	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 µs	1.000 µs

RF output power (5190 MHz; 30.000 dBm; 30 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5190.000000	16.8	30.0	19.8	99.600	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 µs	1.000 µs

RF output power (5195 MHz; 30.000 dBm; 30 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5195.000000	17.7	30.0	20.7	99.600	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

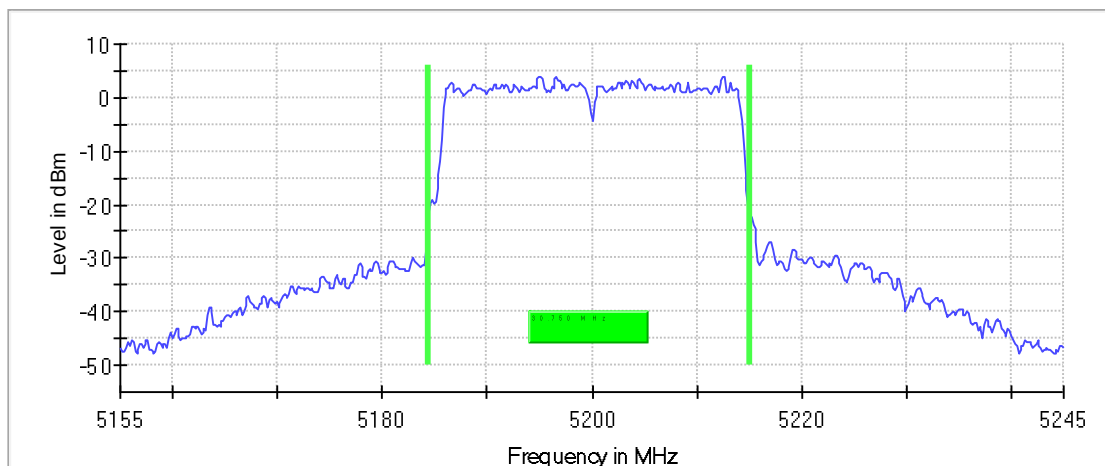
Emission Bandwidth 26 dB (5200 MHz; 30.000 dBm; 30 MHz)

26 dB Bandwidth

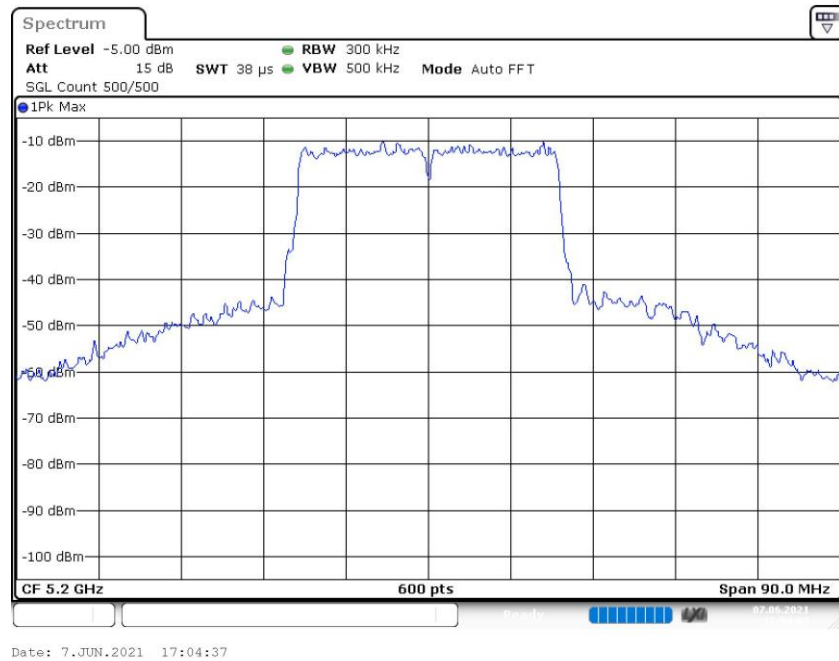
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5200.000000	30.750000	---	---	5184.325000	5215.075000

DUT Frequency (MHz)	Max Level (dBm)	Result
5200.000000	4.1	PASS

26 dB Bandwidth



Bandwidth



RF output power (5200 MHz; 30.000 dBm; 30 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5200.000000	19.3	30.0	22.3	99.550	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Power Spectral Density (5200 MHz; 30.000 dBm; 30 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5200.000000	5193.762376	3.209	17.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.18500 GHz	5.18500 GHz
Stop Frequency	5.21500 GHz	5.21500 GHz
Span	30.000 MHz	30.000 MHz
RBW	1.000 MHz	≤ 1.000 MHz
VBW	3.000 MHz	≥ 3.000 MHz
SweepPoints	101	~ 60
SweepTime	2.020 ms	2.020 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS

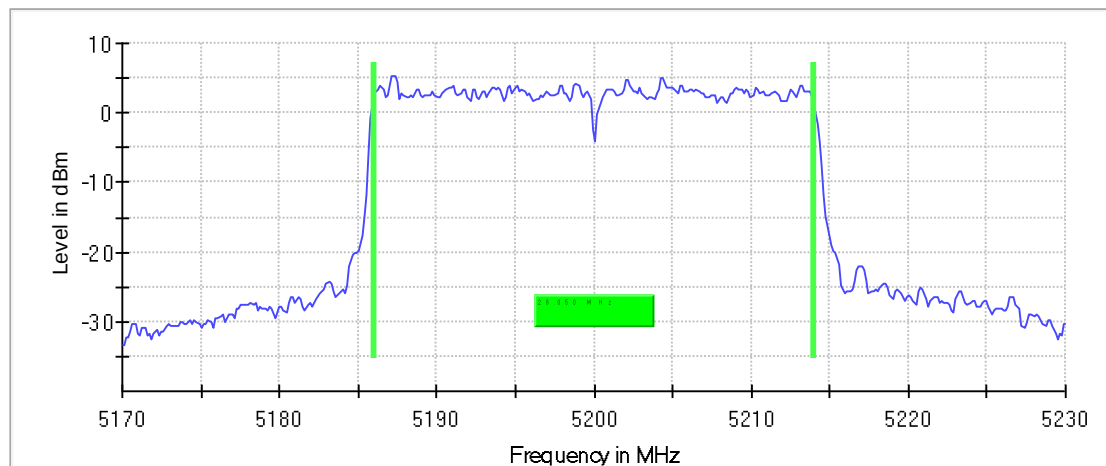
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
Sweeptype	Sweep	AUTO
Preamp	off	off

99 % Bandwidth

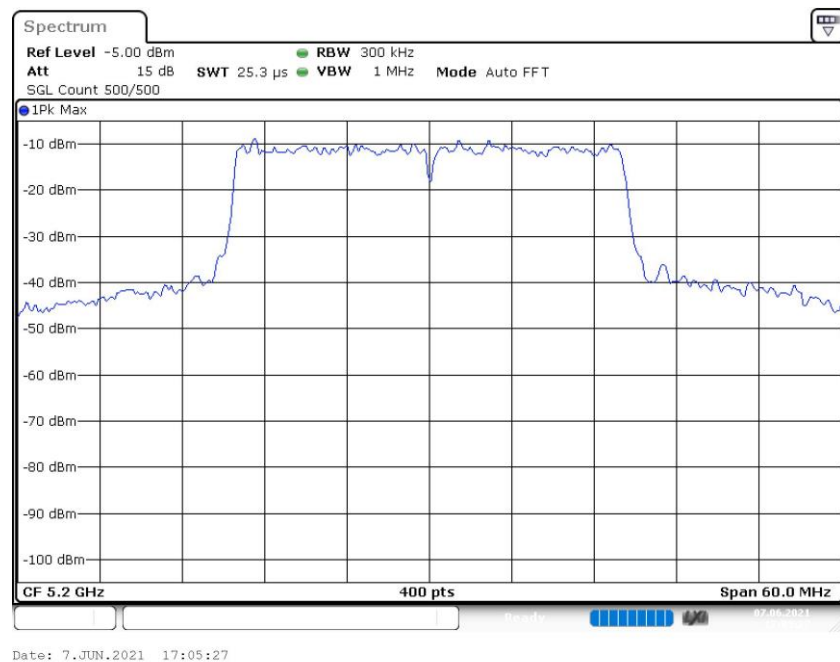
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5200.000000	28.050000	---	---	5185.975000	5214.025000

DUT Frequency (MHz)	Result
5200.000000	PASS

99 % Bandwidth



Bandwidth



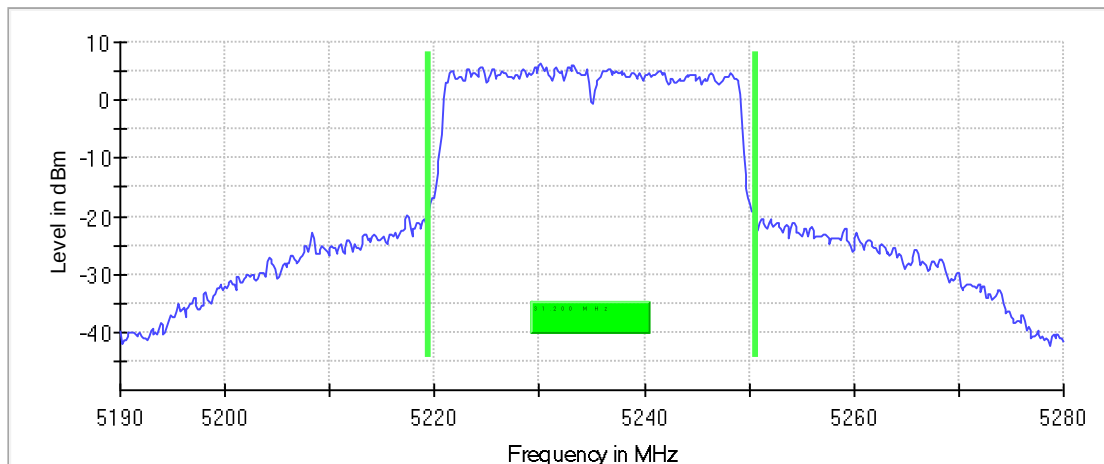
Emission Bandwidth 26 dB (5235 MHz; 30.000 dBm; 30 MHz)

26 dB Bandwidth

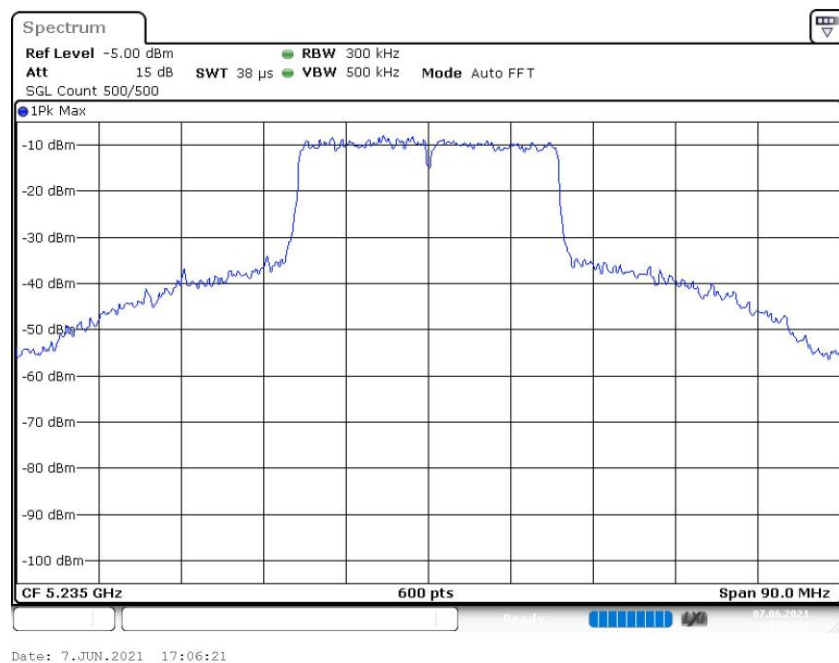
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5235.000000	31.200000	---	---	5219.325000	5250.525000

DUT Frequency (MHz)	Max Level (dBm)	Result
5235.000000	6.3	PASS

26 dB Bandwidth



Bandwidth



RF output power (5235 MHz; 30.000 dBm; 30 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5235.000000	21.7	30.0	24.7	99.600	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Power Spectral Density (5235 MHz; 30.000 dBm; 30 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5235.000000	5231.435644	5.877	17.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.22000 GHz	5.22000 GHz
Stop Frequency	5.25000 GHz	5.25000 GHz
Span	30.000 MHz	30.000 MHz
RBW	1.000 MHz	$\leq$ 1.000 MHz
VBW	3.000 MHz	$\geq$ 3.000 MHz
SweepPoints	101	$\sim$ 60
SweepTime	2.020 ms	2.020 ms
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	Sweep	AUTO
Preamp	off	off

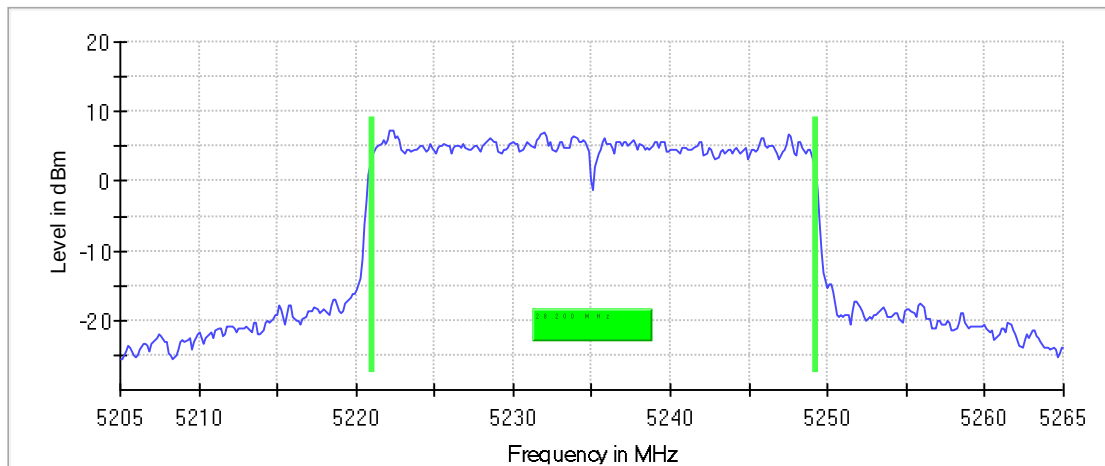
Occupied Channel Bandwidth 99% (5235 MHz; 30.000 dBm; 30 MHz)

99 % Bandwidth

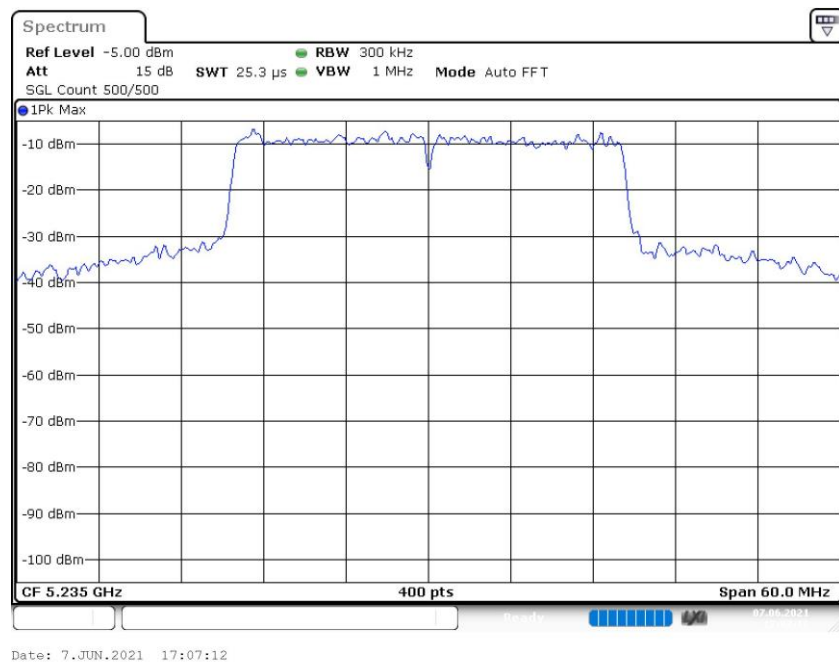
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5235.000000	28.200000	---	---	5220.975000	5249.175000

DUT Frequency (MHz)	Result
5235.000000	PASS

99 % Bandwidth



Bandwidth

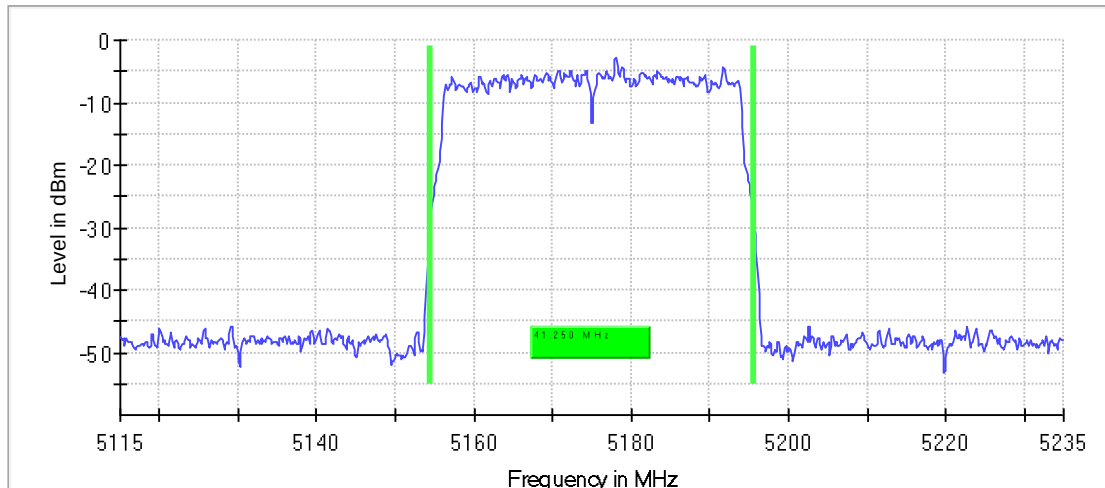


Emission Bandwidth 26 dB (5175 MHz; 30.000 dBm; 40 MHz)

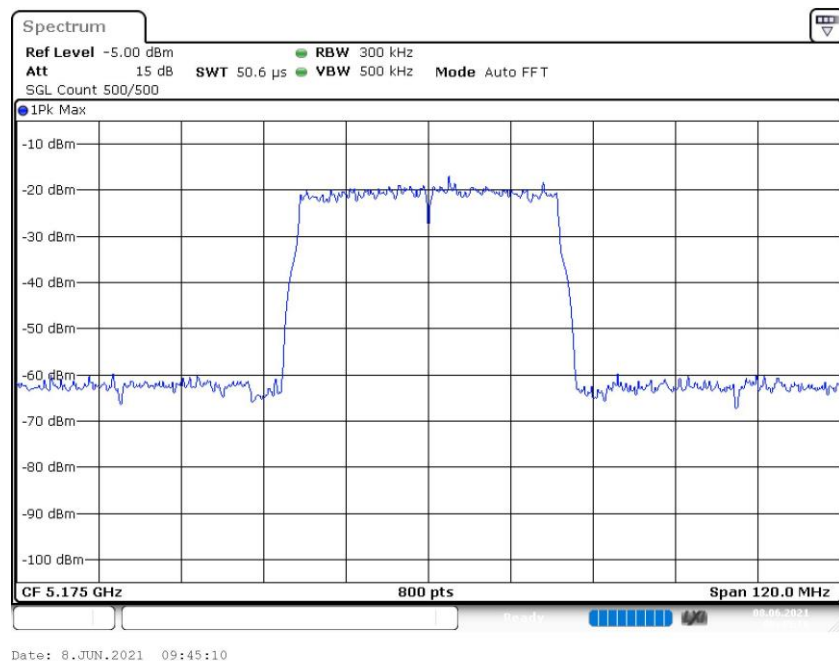
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5175.000000	41.250000	---	---	5154.375000	5195.625000

DUT Frequency (MHz)	Max Level (dBm)	Result
5175.000000	-2.9	PASS



Bandwidth



RF output power (5175 MHz; 30.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5175.000000	12.2	30.0	15.2	99.466	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Power Spectral Density (5175 MHz; 30.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5175.000000	5177.772277	-4.778	17.0	PASS

Ports

Port	State
1	used
2	used

Measurement

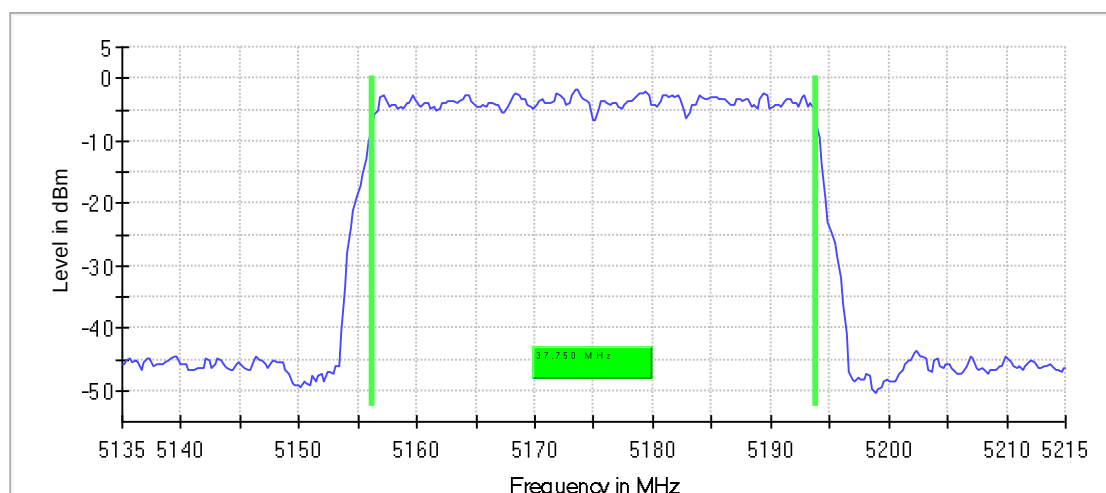
Setting	Instrument Value	Target Value
Start Frequency	5.15500 GHz	5.15500 GHz
Stop Frequency	5.19500 GHz	5.19500 GHz
Span	40.000 MHz	40.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 80
SweepTime	2.020 ms	2.020 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	Sweep	AUTO
Preamp	off	off

Occupied Channel Bandwidth 99% (5175 MHz; 30.000 dBm; 40 MHz)

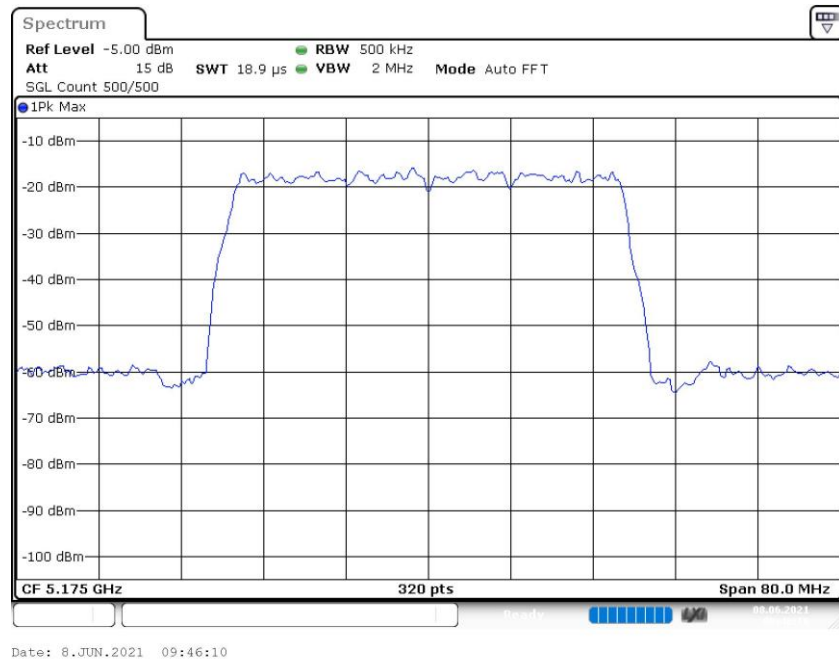
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5175.000000	37.750000	---	---	5156.125000	5193.875000

DUT Frequency (MHz)	Result
5175.000000	PASS



Bandwidth



RF output power (5180 MHz; 30.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5180.000000	13.0	30.0	16.0	99.460	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

RF output power (5185 MHz; 30.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5185.000000	13.1	30.0	16.1	99.462	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

RF output power (5190 MHz; 30.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5190.000000	14.0	30.0	17.0	99.460	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
---------	------------------	--------------

Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

RF output power (5195 MHz; 30.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5195.000000	14.1	30.0	17.1	99.460	PASS

OSP PowerMeter settings

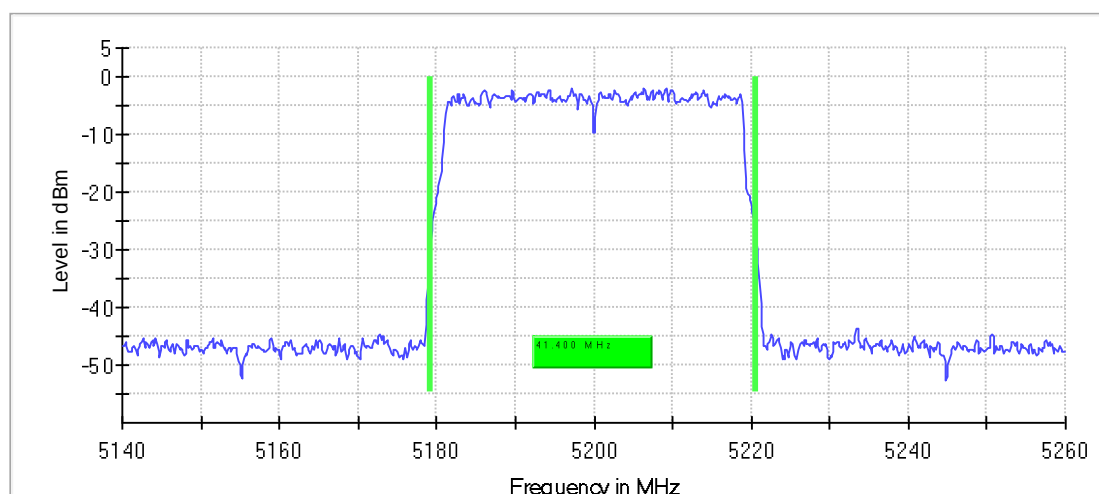
Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Emission Bandwidth 26 dB (5200 MHz; 30.000 dBm; 40 MHz)

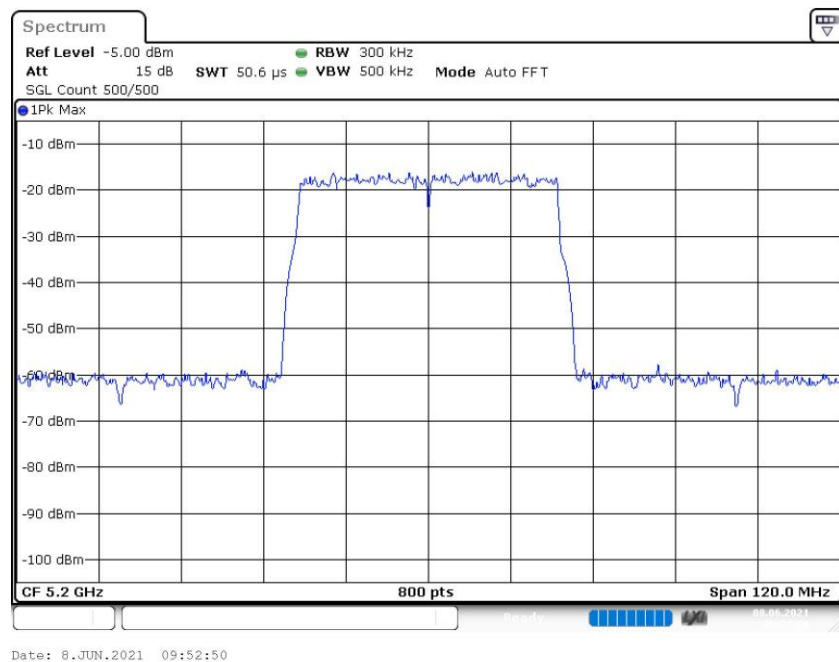
26 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5200.000000	41.400000	---	---	5179.225000	5220.625000

DUT Frequency (MHz)	Max Level (dBm)	Result
5200.000000	-2.0	PASS



Bandwidth



RF output power (5200 MHz; 30.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5200.000000	15.0	30.0	18.0	99.459	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Power Spectral Density (5200 MHz; 30.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5200.000000	5190.099010	-1.736	17.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.18000 GHz	5.18000 GHz
Stop Frequency	5.22000 GHz	5.22000 GHz
Span	40.000 MHz	40.000 MHz
RBW	1.000 MHz	$\leq$ 1.000 MHz
VBW	3.000 MHz	$\geq$ 3.000 MHz
SweepPoints	101	$\sim$ 80
SweepTime	2.020 ms	2.020 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100

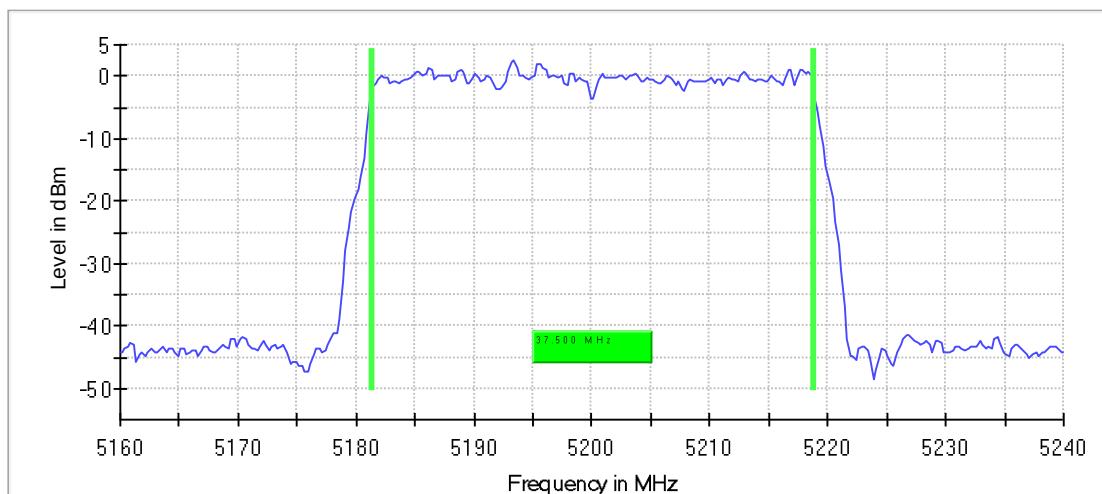
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
Sweep type	Sweep	AUTO
Preamp	off	off

Occupied Channel Bandwidth 99% (5200 MHz; 30.000 dBm; 40 MHz)

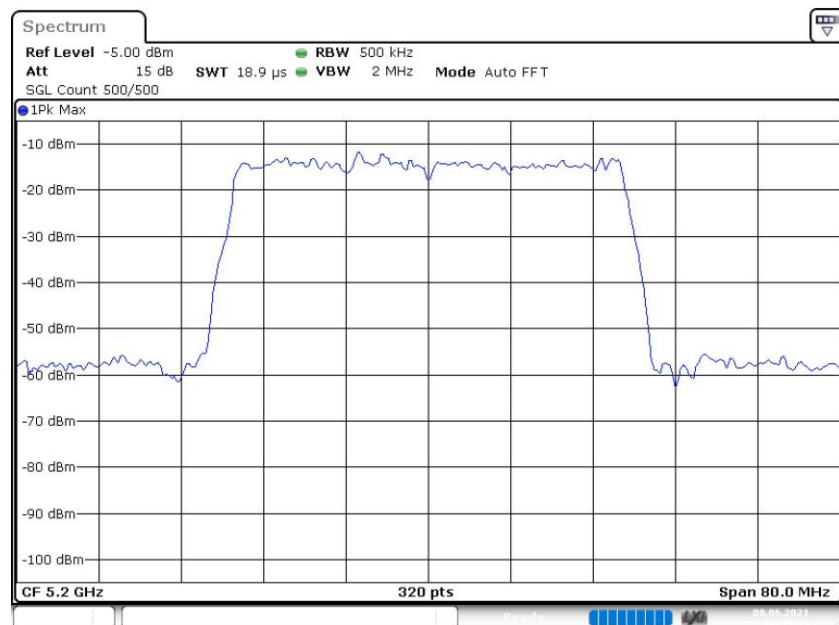
99 % Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5200.000000	37.500000	---	---	5181.375000	5218.875000

DUT Frequency (MHz)	Result
5200.000000	PASS



Bandwidth



RF output power (5205 MHz; 30.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5205.000000	15.0	30.0	18.0	99.459	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 µs	1.000 µs

RF output power (5210 MHz; 30.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5210.000000	15.0	30.0	18.0	99.459	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 µs	1.000 µs

RF output power (5215 MHz; 30.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5215.000000	18.9	30.0	21.9	99.456	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 µs	1.000 µs

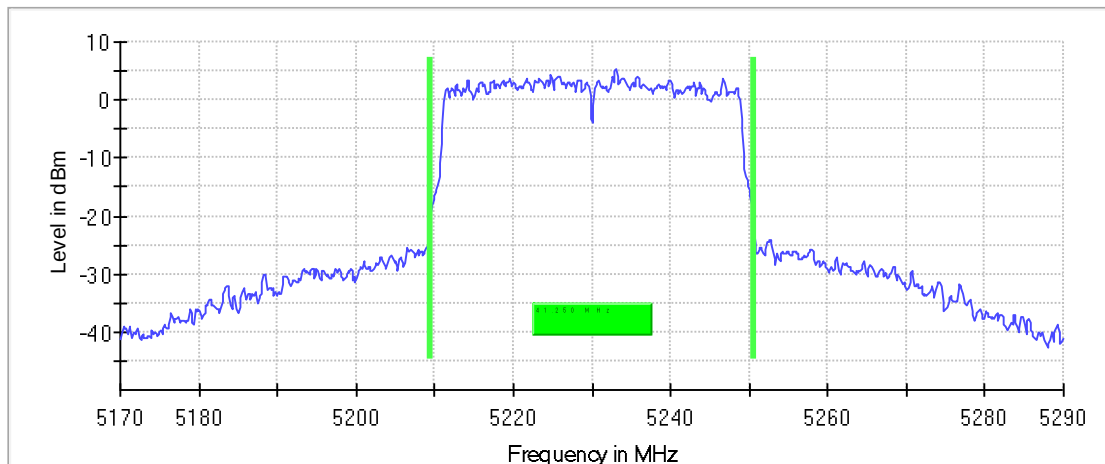
Emission Bandwidth 26 dB (5230 MHz; 30.000 dBm; 40 MHz)

26 dB Bandwidth

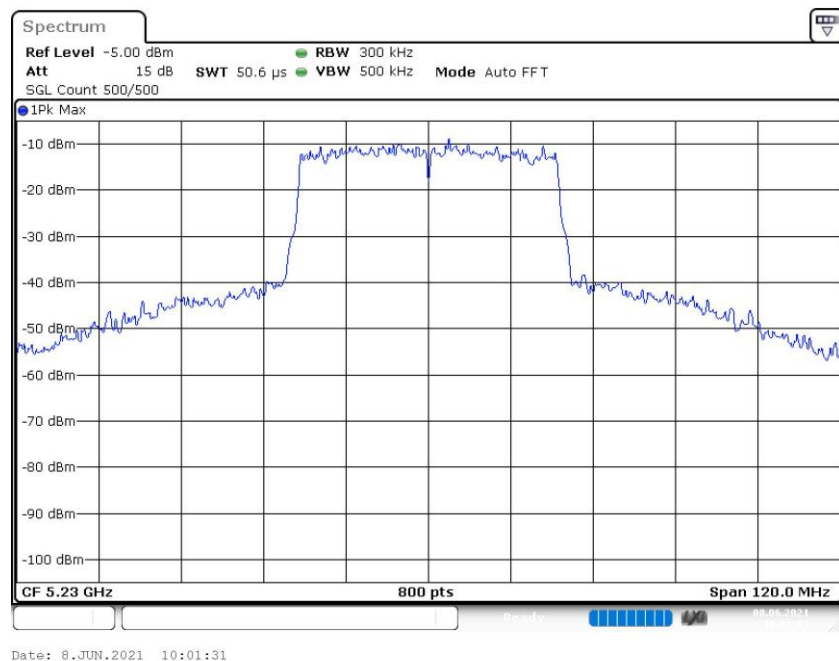
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5230.000000	41.250000	---	---	5209.375000	5250.625000

DUT Frequency (MHz)	Max Level (dBm)	Result
5230.000000	5.4	PASS

26 dB Bandwidth



Bandwidth



RF output power (5230 MHz; 30.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5230.000000	21.0	30.0	24.0	99.456	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Power Spectral Density (5230 MHz; 30.000 dBm; 40 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5230.000000	5227.227723	3.677	17.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.21000 GHz	5.21000 GHz
Stop Frequency	5.25000 GHz	5.25000 GHz
Span	40.000 MHz	40.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 80
SweepTime	2.020 ms	2.020 ms
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	Sweep	AUTO
Preamp	off	off

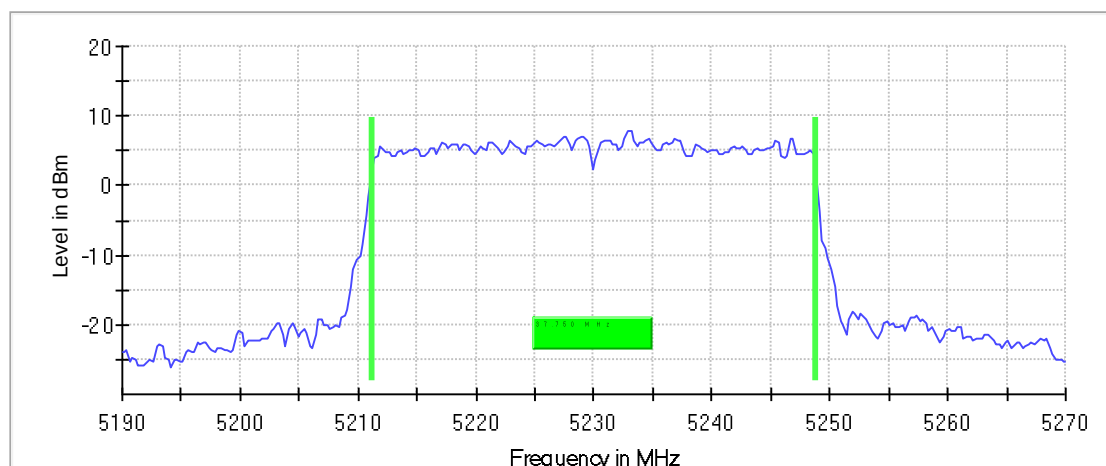
Occupied Channel Bandwidth 99% (5230 MHz; 30.000 dBm; 40 MHz)

99 % Bandwidth

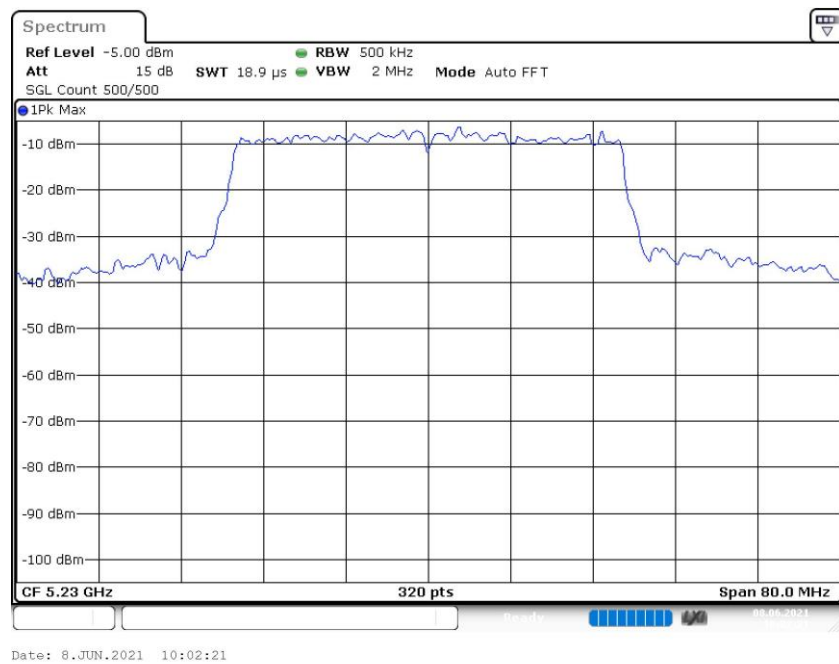
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5230.000000	37.750000	---	---	5211.125000	5248.875000

DUT Frequency (MHz)	Result
5230.000000	PASS

99 % Bandwidth



Bandwidth



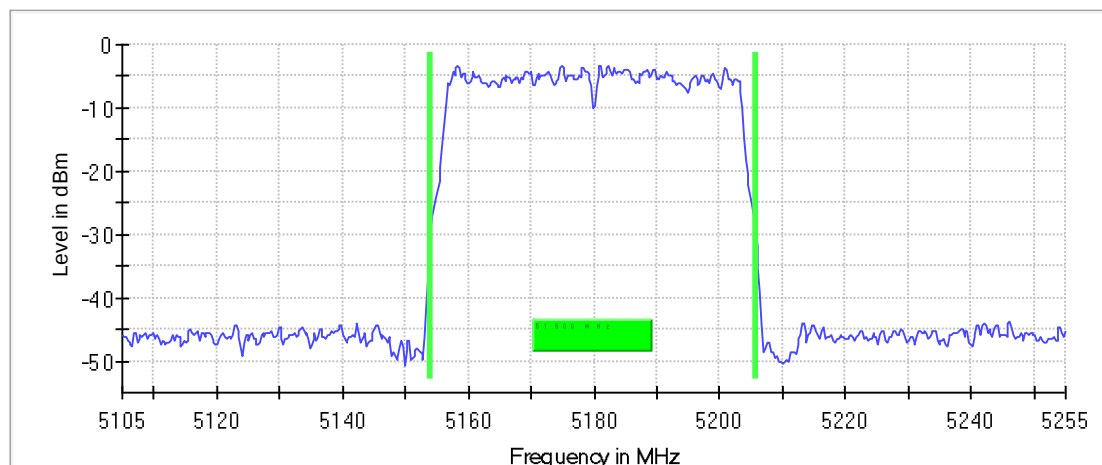
Emission Bandwidth 26 dB (5180 MHz; 30.000 dBm; 50 MHz)

26 dB Bandwidth

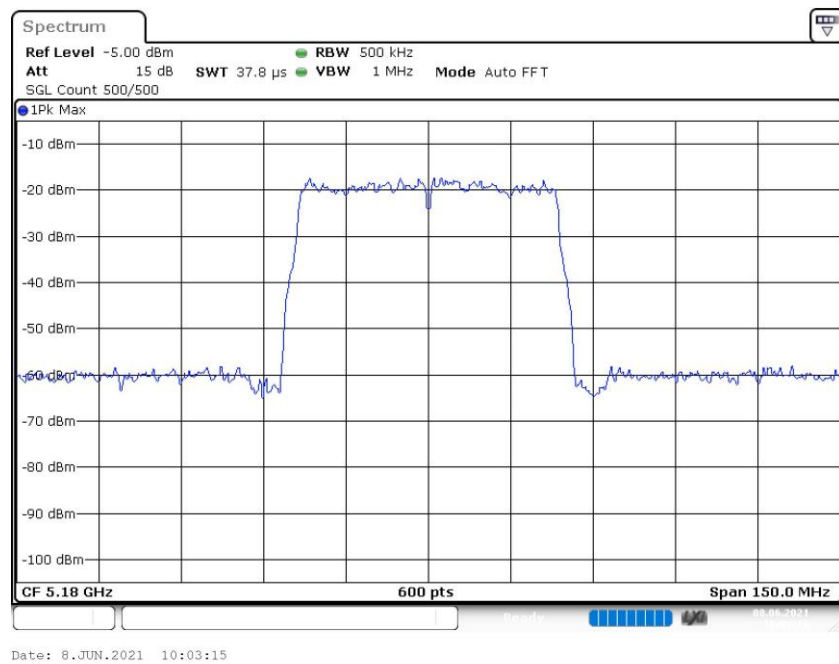
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5180.000000	51.500000	---	---	5154.125000	5205.625000

DUT Frequency (MHz)	Max Level (dBm)	Result
5180.000000	-3.2	PASS

26 dB Bandwidth



Bandwidth



RF output power (5180 MHz; 30.000 dBm; 50 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5180.000000	11.8	30.0	14.8	99.684	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Power Spectral Density (5180 MHz; 30.000 dBm; 50 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5180.000000	5183.465347	-5.738	17.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.15500 GHz	5.15500 GHz
Stop Frequency	5.20500 GHz	5.20500 GHz
Span	50.000 MHz	50.000 MHz
RBW	1.000 MHz	≤ 1.000 MHz
VBW	3.000 MHz	≥ 3.000 MHz
SweepPoints	101	~ 100
SweepTime	2.020 ms	2.020 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO

Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	Sweep	AUTO
Preamp	off	off

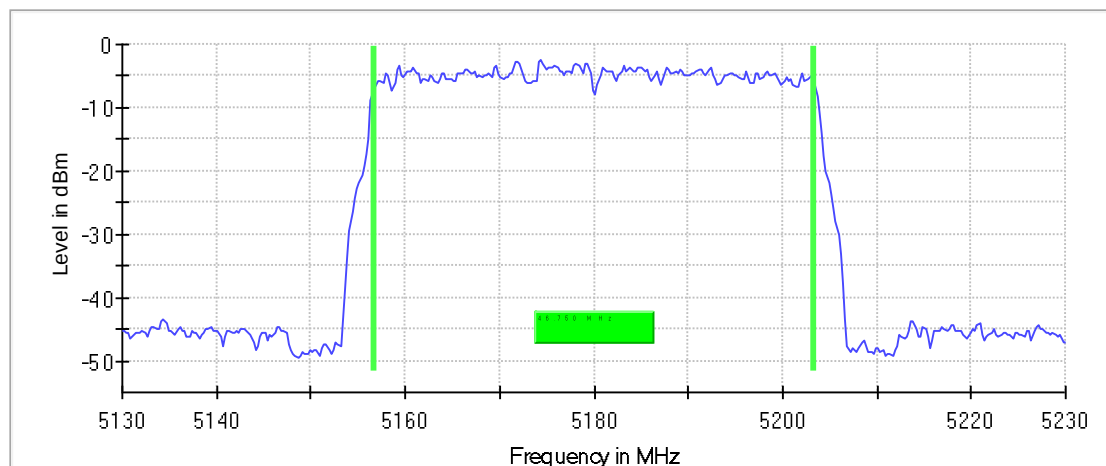
Occupied Channel Bandwidth 99% (5180 MHz; 30.000 dBm; 50 MHz)

99 % Bandwidth

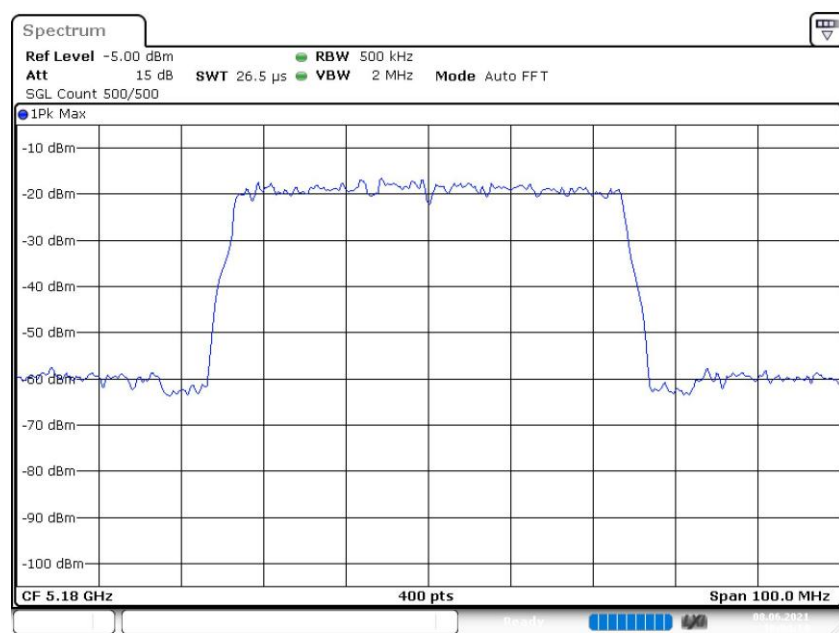
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5180.000000	46.750000	---	---	5156.625000	5203.375000

DUT Frequency (MHz)	Result
5180.000000	PASS

99 % Bandwidth



Bandwidth



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RF output power (5185 MHz; 30.000 dBm; 50 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5185.000000	12.8	30.0	15.8	99.682	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 µs	1.000 µs

RF output power (5190 MHz; 30.000 dBm; 50 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5190.000000	12.7	30.0	15.7	99.682	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 µs	1.000 µs

RF output power (5195 MHz; 30.000 dBm; 50 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5195.000000	12.8	30.0	15.8	99.680	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 µs	1.000 µs

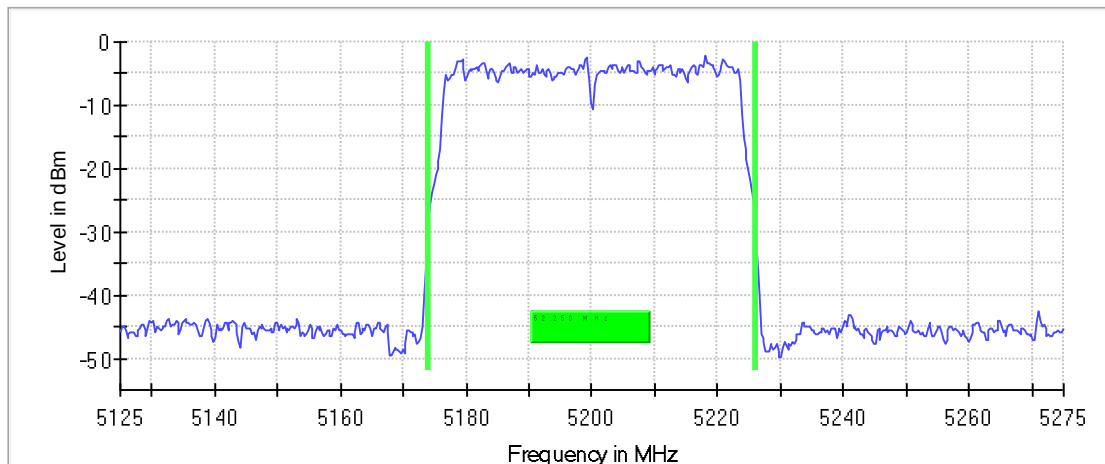
Emission Bandwidth 26 dB (5200 MHz; 30.000 dBm; 50 MHz)

26 dB Bandwidth

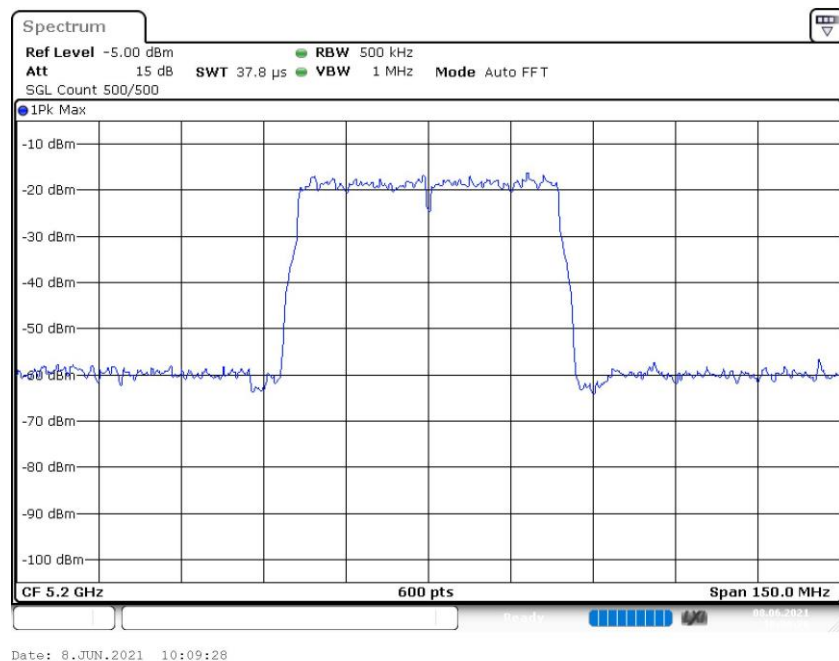
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5200.000000	52.250000	---	---	5173.875000	5226.125000

DUT Frequency (MHz)	Max Level (dBm)	Result
5200.000000	-2.1	PASS

26 dB Bandwidth



Bandwidth



RF output power (5200 MHz; 30.000 dBm; 50 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5200.000000	12.8	30.0	15.8	99.682	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Power Spectral Density (5200 MHz; 30.000 dBm; 50 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5200.000000	5189.603960	-5.114	17.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.17500 GHz	5.17500 GHz
Stop Frequency	5.22500 GHz	5.22500 GHz
Span	50.000 MHz	50.000 MHz
RBW	1.000 MHz	<= 1.000 MHz
VBW	3.000 MHz	>= 3.000 MHz
SweepPoints	101	~ 100
SweepTime	2.020 ms	2.020 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	Sweep	AUTO
Preamp	off	off

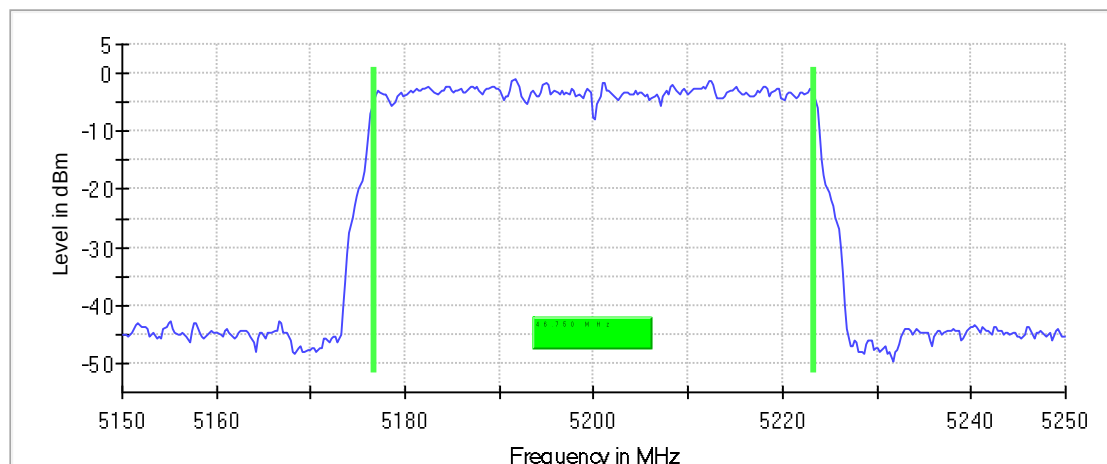
Occupied Channel Bandwidth 99% (5200 MHz; 30.000 dBm; 50 MHz)

99 % Bandwidth

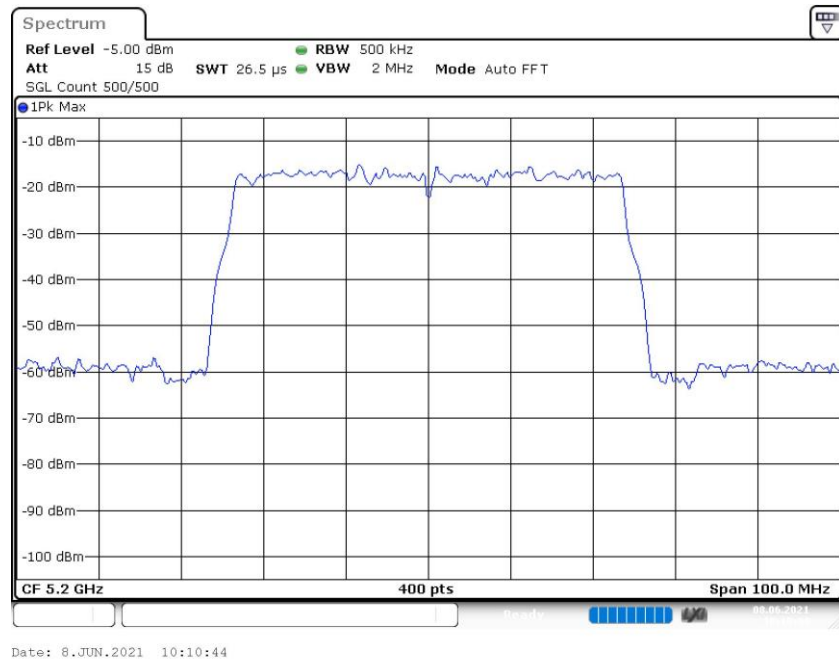
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5200.000000	46.750000	---	---	5176.625000	5223.375000

DUT Frequency (MHz)	Result
5200.000000	PASS

99 % Bandwidth



Bandwidth



RF output power (5205 MHz; 30.000 dBm; 50 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5205.000000	12.8	30.0	15.8	99.681	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

RF output power (5210 MHz; 30.000 dBm; 50 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5210.000000	13.1	30.0	16.1	99.680	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

RF output power (5215 MHz; 30.000 dBm; 50 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5215.000000	13.1	30.0	16.1	99.681	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

RF output power (5220 MHz; 30.000 dBm; 50 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5220.000000	13.1	30.0	16.1	99.682	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

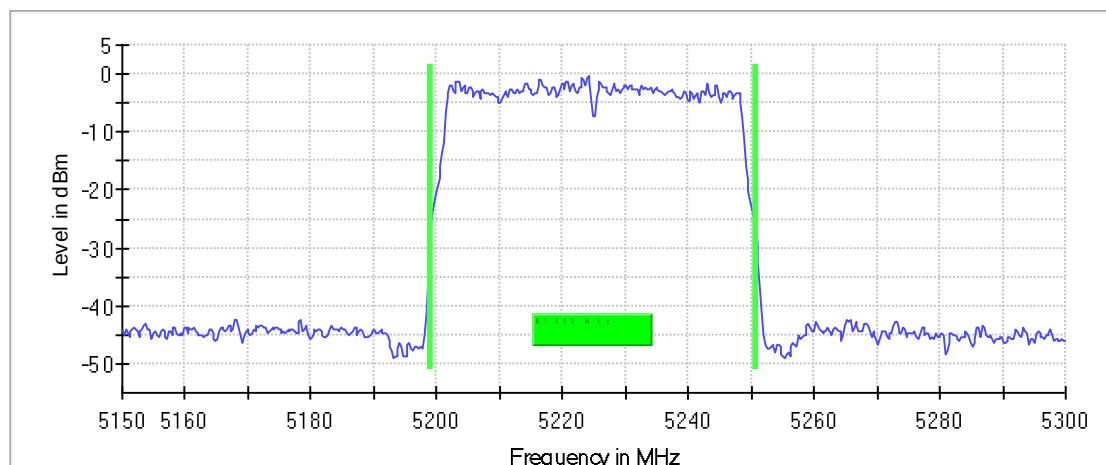
Emission Bandwidth 26 dB (5225 MHz; 30.000 dBm; 50 MHz)

26 dB Bandwidth

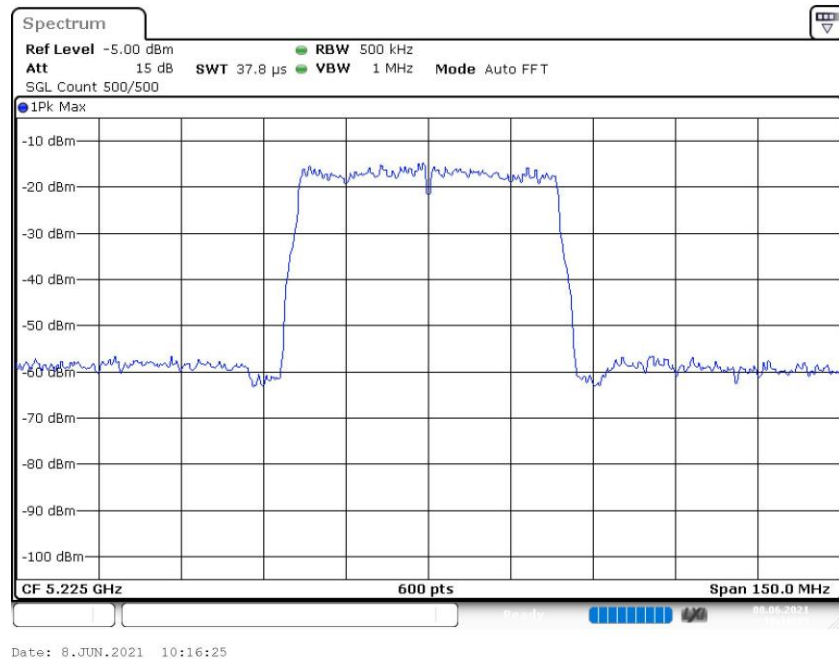
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5225.000000	51.500000	---	---	5199.125000	5250.625000

DUT Frequency (MHz)	Max Level (dBm)	Result
5225.000000	-0.4	PASS

26 dB Bandwidth



Bandwidth



RF output power (5225 MHz; 30.000 dBm; 50 MHz)

Result

DUT Frequency (MHz)	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result
5225.000000	14.0	30.0	17.0	99.681	PASS

OSP PowerMeter settings

Setting	Instrument Value	Target Value
Measurement Time	1.000 s	1.000 s
Points	1000000	1000000
Time resolution	1.000 μ s	1.000 μ s

Power Spectral Density (5225 MHz; 30.000 dBm; 50 MHz)

Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
5225.000000	5228.465347	-3.578	17.0	PASS

Ports

Port	State
1	used
2	used

Measurement

Setting	Instrument Value	Target Value
Start Frequency	5.20000 GHz	5.20000 GHz
Stop Frequency	5.25000 GHz	5.25000 GHz
Span	50.000 MHz	50.000 MHz
RBW	1.000 MHz	≤ 1.000 MHz
VBW	3.000 MHz	≥ 3.000 MHz
SweepPoints	101	~ 100
SweepTime	2.020 ms	2.020 ms
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO

Detector	RMS	RMS
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Average Power	Average Power
SweepType	Sweep	AUTO
Preamp	off	off

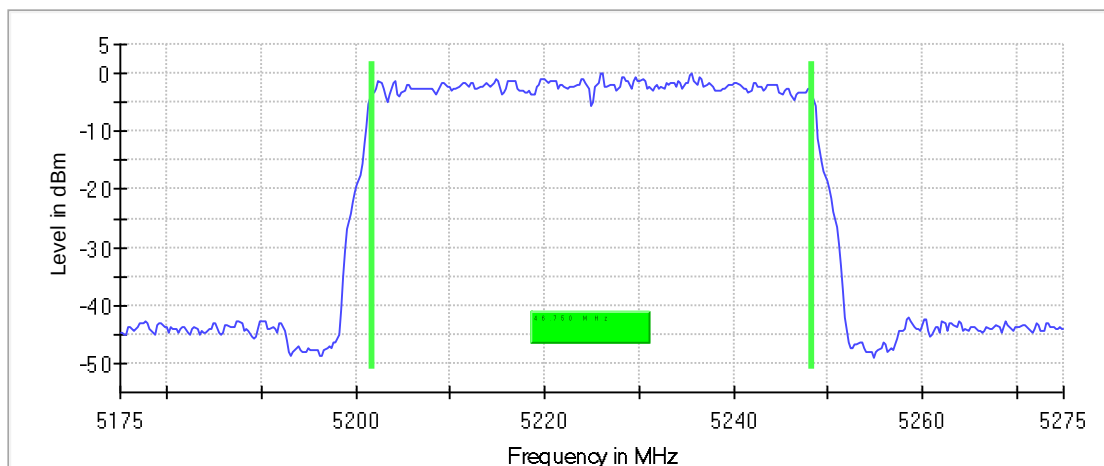
Occupied Channel Bandwidth 99% (5225 MHz; 30.000 dBm; 50 MHz)

99 % Bandwidth

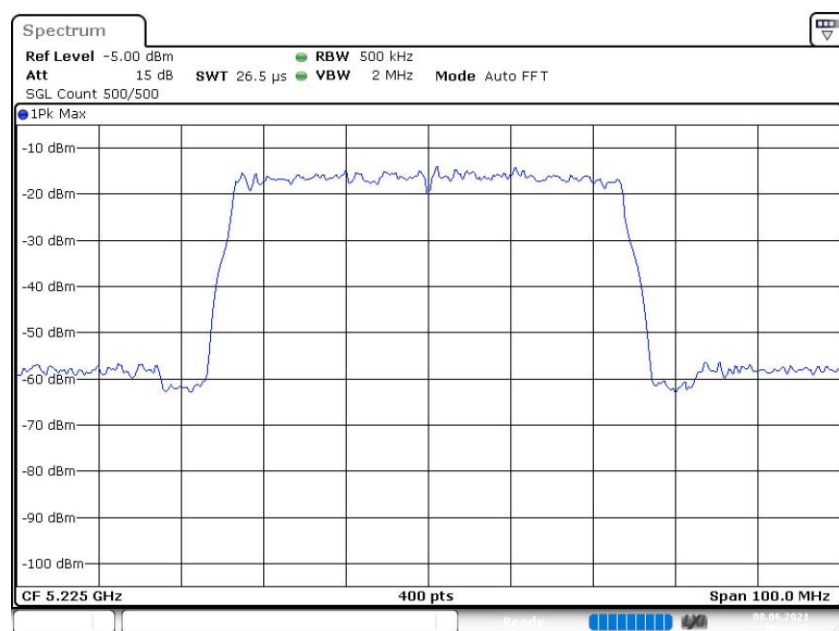
DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
5225.000000	46.750000	---	---	5201.625000	5248.375000

DUT Frequency (MHz)	Result
5225.000000	PASS

99 % Bandwidth



Bandwidth



Date: 8.JUN.2021 10:20:42