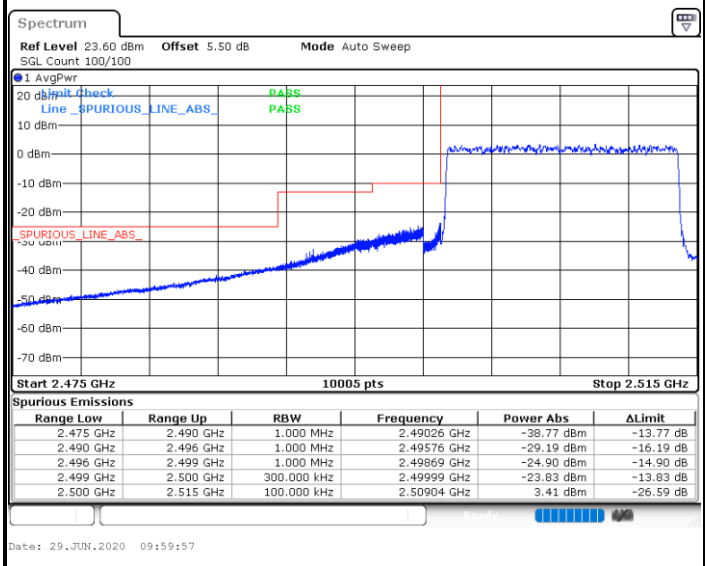
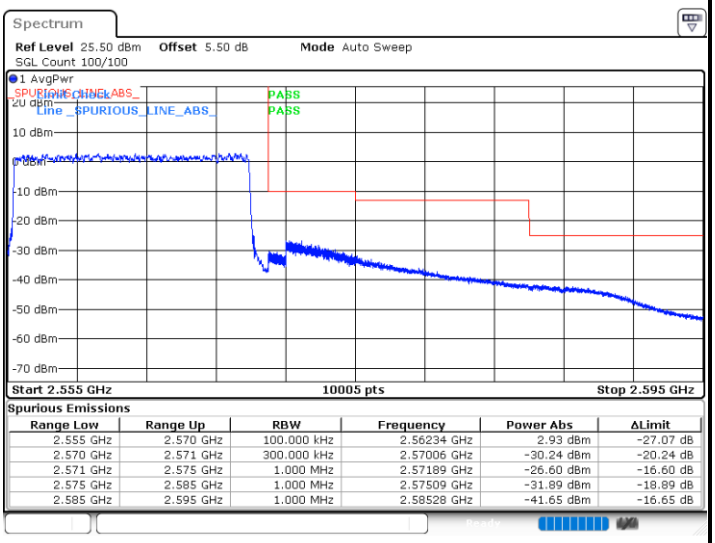
Lowest Band Edge / Full RB	Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49026 GHz	-38.77 dBm	-13.77 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49576 GHz	-29.19 dBm	-16.19 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49869 GHz	-24.90 dBm	-14.90 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49999 GHz	-23.83 dBm	-13.83 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50904 GHz	3.41 dBm	-26.59 dB

Date: 29.JUN.2020 09:59:57



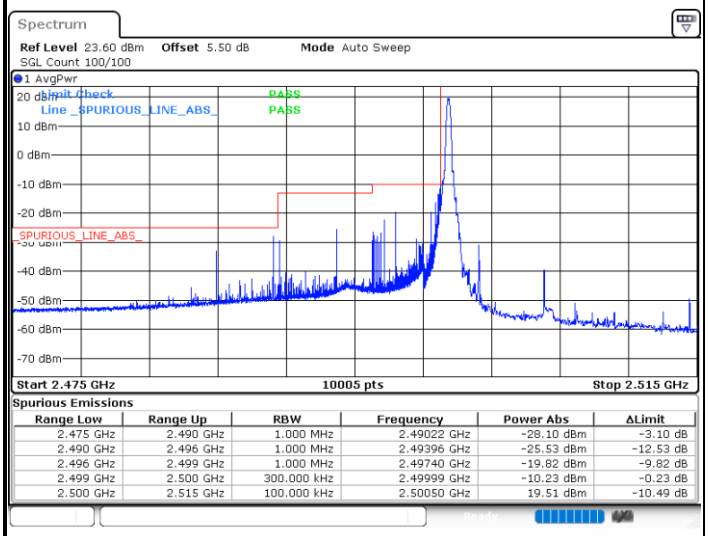
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56234 GHz	2.93 dBm	-27.07 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57006 GHz	-30.24 dBm	-20.24 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57189 GHz	-26.60 dBm	-16.60 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57509 GHz	-31.89 dBm	-18.89 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58528 GHz	-41.65 dBm	-16.65 dB

Date: 29.JUN.2020 11:06:52

FR1 n7 / 15MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / 1RB0

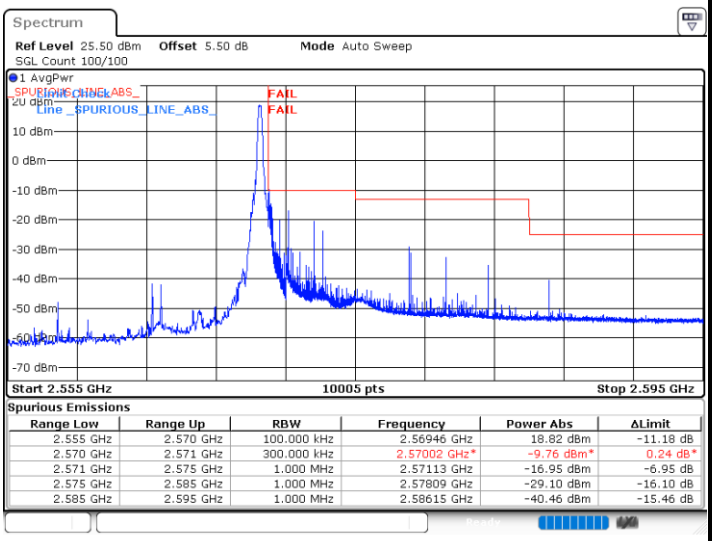


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49022 GHz	-28.10 dBm	-3.10 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49396 GHz	-25.53 dBm	-12.53 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49740 GHz	-19.82 dBm	-9.82 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49999 GHz	-10.23 dBm	-0.23 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50050 GHz	19.51 dBm	-10.49 dB

Date: 29.JUN.2020 10:03:49

Highest Band Edge / 1RBmax

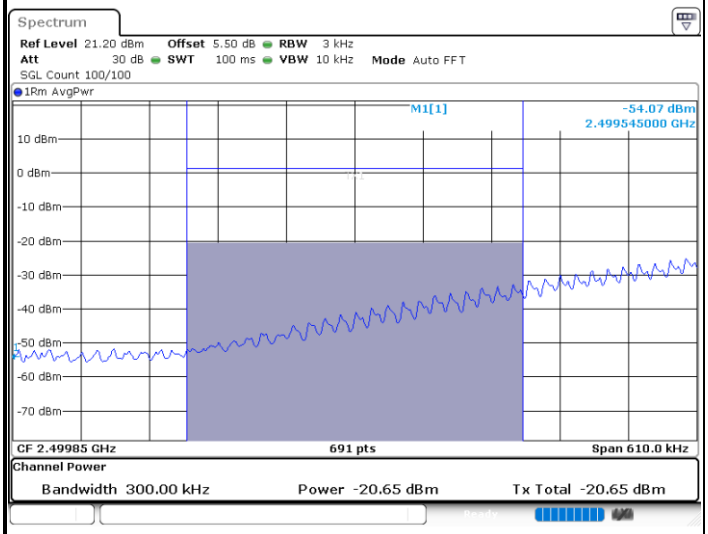


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56946 GHz	18.82 dBm	-11.18 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57002 GHz*	-9.76 dBm*	0.24 dB*
2.571 GHz	2.575 GHz	1.000 MHz	2.57113 GHz	-16.95 dBm	-6.95 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57809 GHz	-29.10 dBm	-16.10 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58615 GHz	-40.46 dBm	-15.46 dB

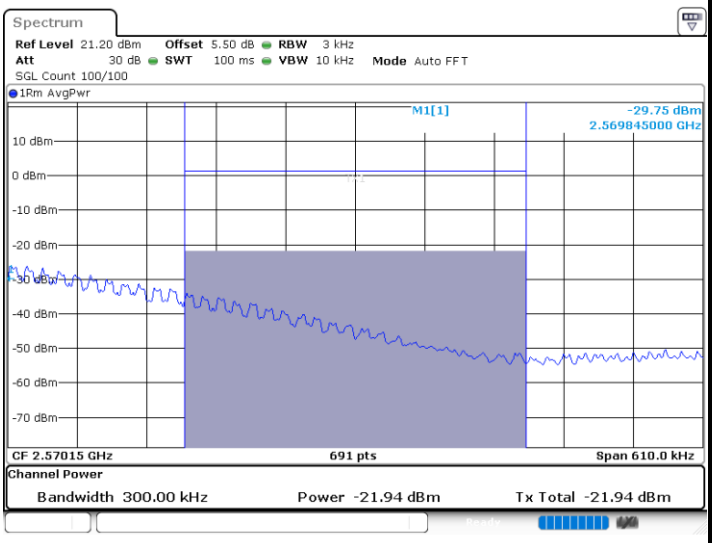
Date: 29.JUN.2020 10:59:08

Channel Power -20.65dBm < -10dBm (Pass)



Date: 29.JUN.2020 10:20:41

Channel Power -21.94dBm < -10dBm (Pass)



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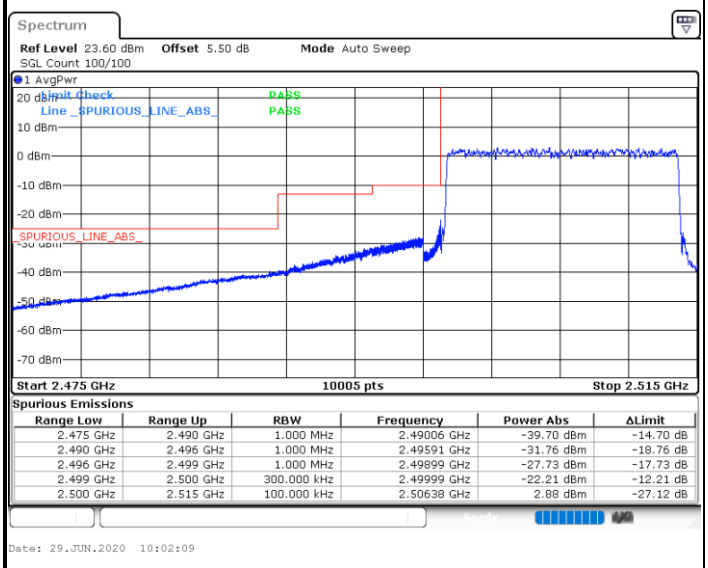
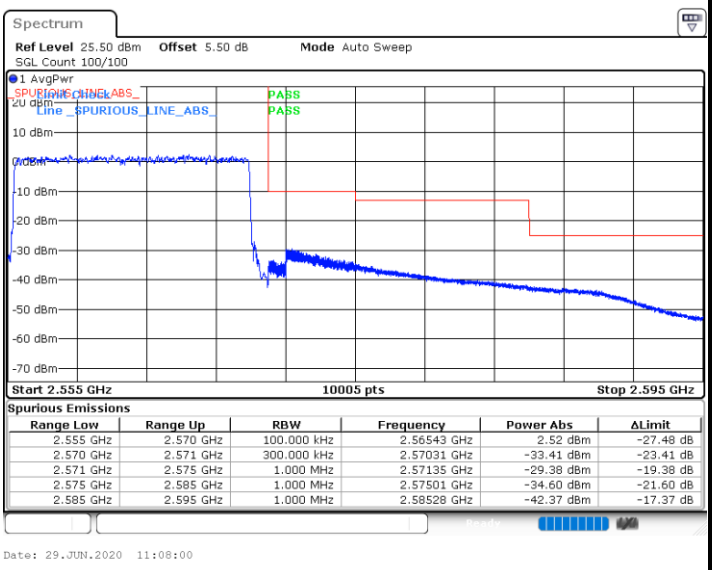
Lowest Band Edge / Full RB	Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49006 GHz	-39.70 dBm	-14.70 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49591 GHz	-31.76 dBm	-18.76 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-27.73 dBm	-17.73 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49999 GHz	-22.21 dBm	-12.21 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50638 GHz	2.88 dBm	-27.12 dB

Date: 29.JUN.2020 10:02:09



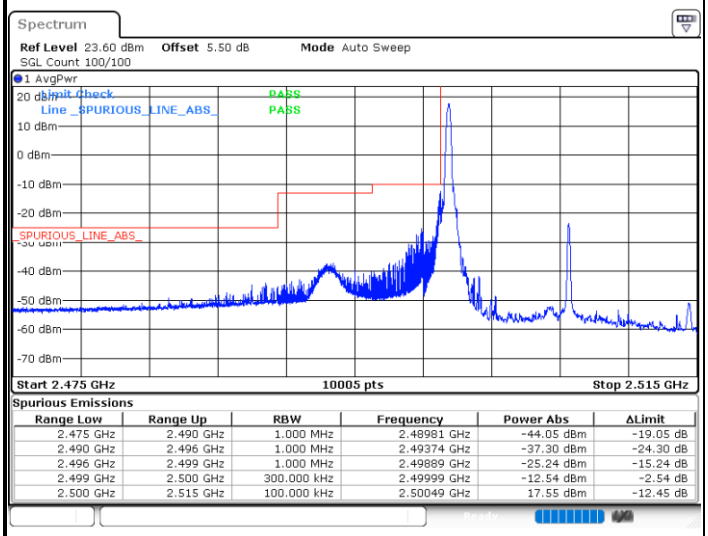
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56543 GHz	2.52 dBm	-27.48 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57031 GHz	-33.41 dBm	-23.41 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57135 GHz	-29.38 dBm	-19.38 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57501 GHz	-34.60 dBm	-21.60 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58528 GHz	-42.37 dBm	-17.37 dB

Date: 29.JUN.2020 11:08:00

FR1 n7 / 15MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0

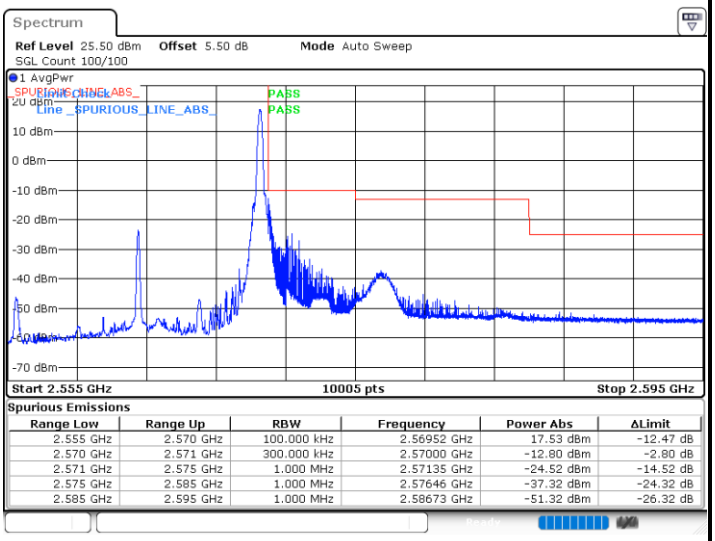


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48981 GHz	-44.05 dBm	-19.05 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49374 GHz	-37.30 dBm	-24.30 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49889 GHz	-25.24 dBm	-15.24 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49999 GHz	-12.54 dBm	-2.54 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50049 GHz	17.55 dBm	-12.45 dB

Date: 29.JUN.2020 10:23:41

Highest Band Edge / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56952 GHz	17.53 dBm	-12.47 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57000 GHz	-12.80 dBm	-2.80 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57135 GHz	-24.52 dBm	-14.52 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57646 GHz	-37.32 dBm	-24.32 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58673 GHz	-51.32 dBm	-26.32 dB

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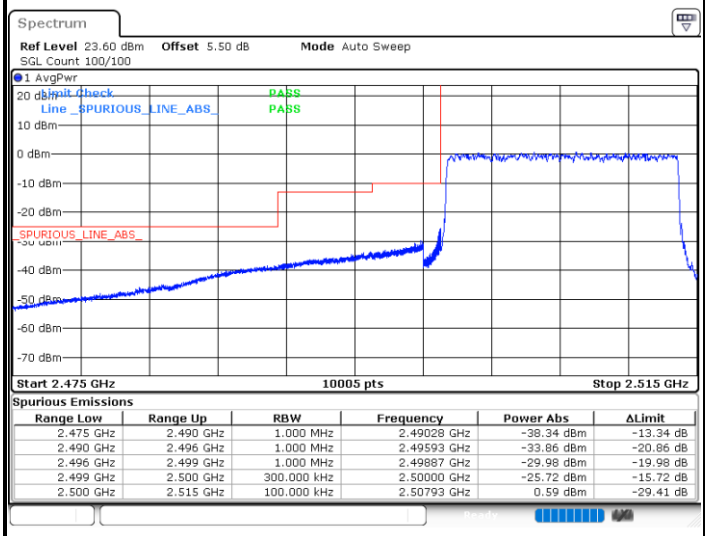
Lowest Band Edge / Full RB

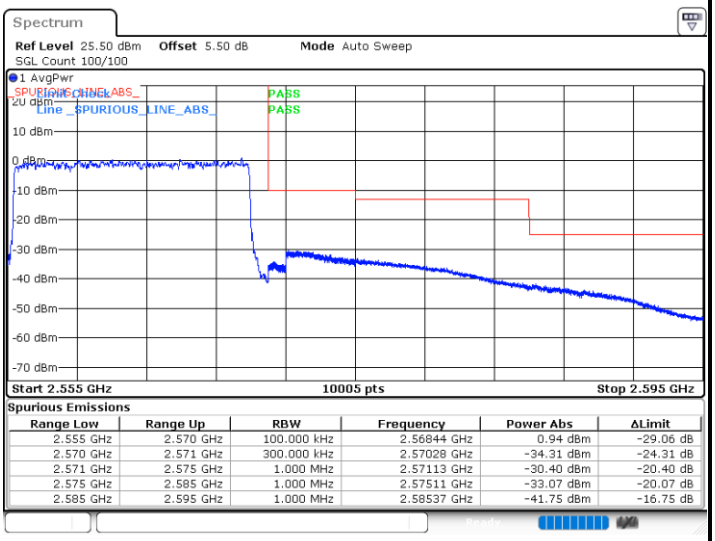


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49028 GHz	-38.34 dBm	-13.34 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49593 GHz	-33.86 dBm	-20.86 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49887 GHz	-29.98 dBm	-19.98 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.50000 GHz	-25.72 dBm	-15.72 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50793 GHz	0.59 dBm	-29.41 dB

Date: 29.JUN.2020 10:25:54

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56844 GHz	0.94 dBm	-29.06 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57028 GHz	-34.31 dBm	-24.31 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57113 GHz	-30.40 dBm	-20.40 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57511 GHz	-33.07 dBm	-20.07 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58537 GHz	-41.75 dBm	-16.75 dB

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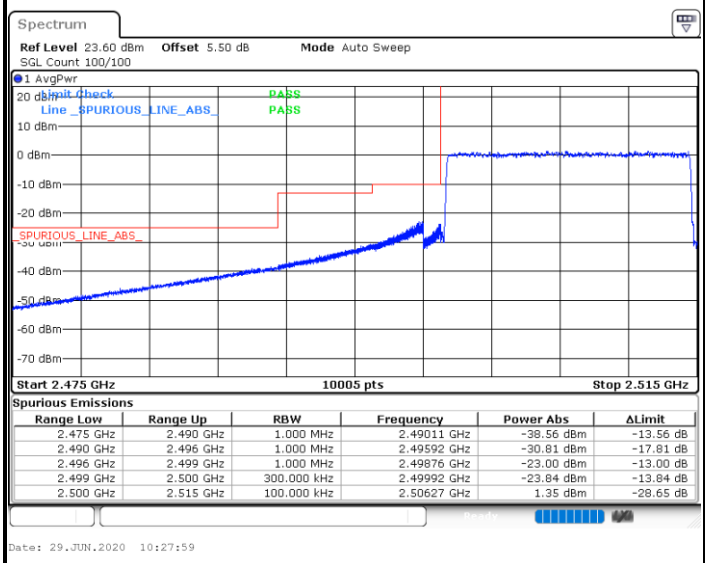
FR1 n7 / 15MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

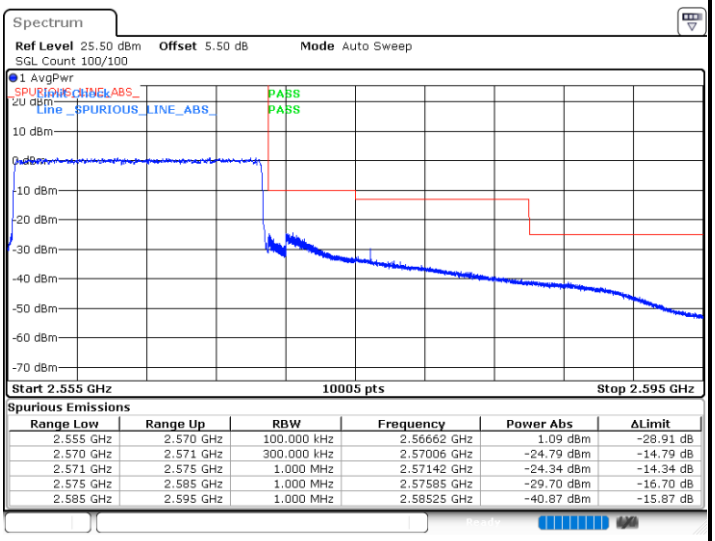


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49011 GHz	-38.56 dBm	-13.56 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49592 GHz	-30.81 dBm	-17.81 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49876 GHz	-23.00 dBm	-13.00 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49992 GHz	-23.84 dBm	-13.84 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50627 GHz	1.35 dBm	-28.65 dB

Date: 29.JUN.2020 10:27:59

Highest Band Edge / Full RB



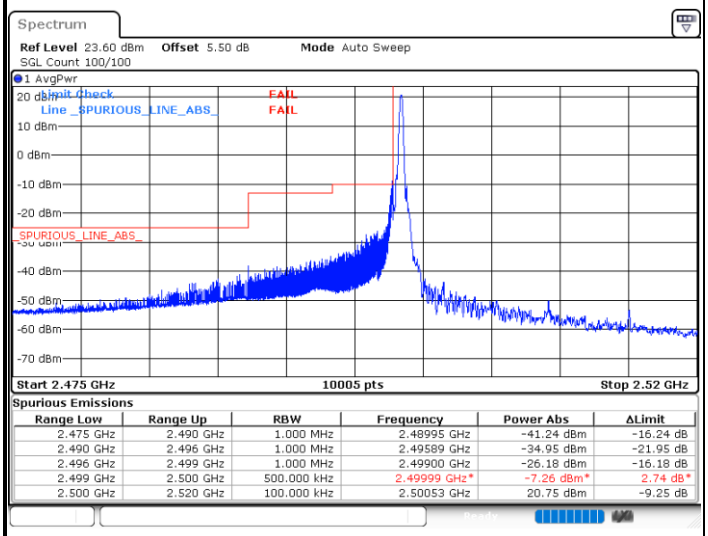
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56662 GHz	1.09 dBm	-28.91 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57006 GHz	-24.79 dBm	-14.79 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57142 GHz	-24.34 dBm	-14.34 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57585 GHz	-29.70 dBm	-16.70 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58525 GHz	-40.87 dBm	-15.87 dB

Date: 29.JUN.2020 11:10:51

FR1 n7 / 20MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48995 GHz	-41.24 dBm	-16.24 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49589 GHz	-34.95 dBm	-21.95 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49900 GHz	-26.18 dBm	-16.18 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49999 GHz*	-7.26 dBm*	2.74 dB*
2.500 GHz	2.520 GHz	100.000 kHz	2.50053 GHz	20.75 dBm	-9.25 dB

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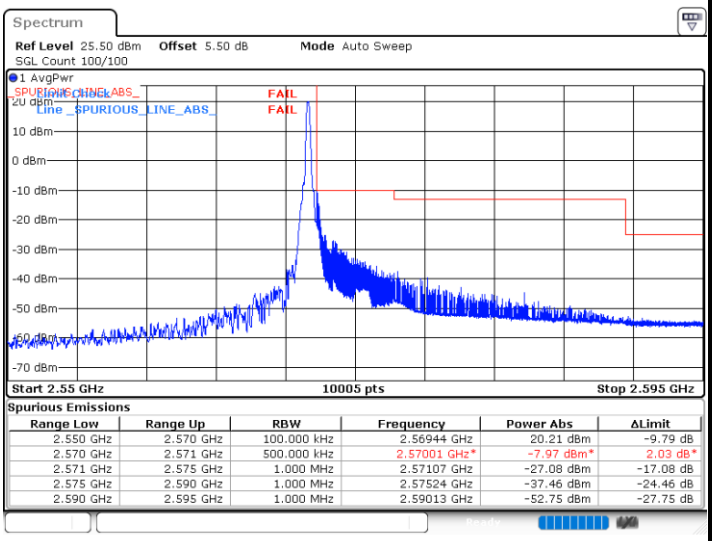
Highest Band Edge / 1RBmax

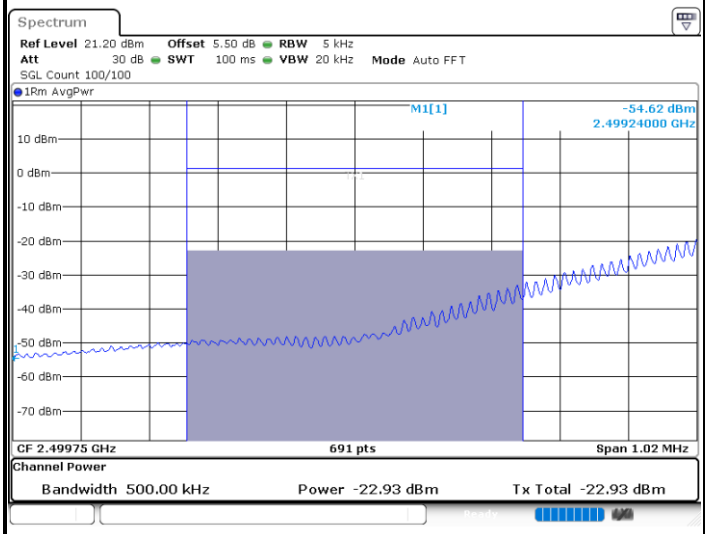


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56944 GHz	20.21 dBm	-9.79 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57001 GHz*	-7.97 dBm*	2.03 dB*
2.571 GHz	2.575 GHz	1.000 MHz	2.57107 GHz	-27.08 dBm	-17.08 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57524 GHz	-37.46 dBm	-24.46 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59013 GHz	-52.75 dBm	-27.75 dB

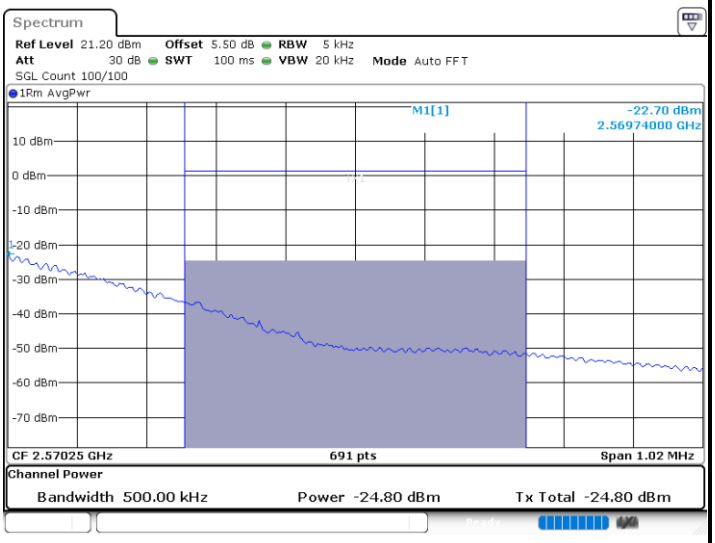
Date: 26.JUN.2020 17:07:17

Channel Power -22.93dBm < -10dBm (Pass)



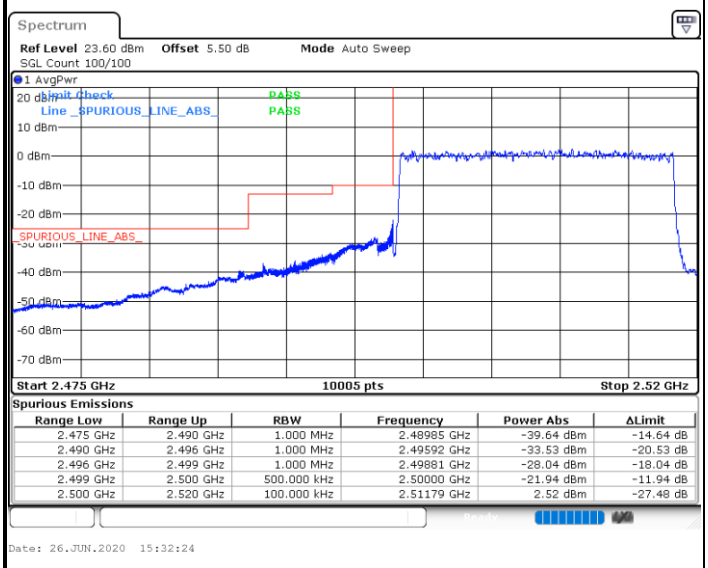
Date: 26.JUN.2020 15:49:12

Channel Power -24.80dBm < -10dBm (Pass)



Date: 26.JUN.2020 17:12:04

Lowest Band Edge / Full RB	Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48985 GHz	-39.64 dBm	-14.64 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49592 GHz	-33.53 dBm	-20.53 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49881 GHz	-28.04 dBm	-18.04 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.50000 GHz	-21.94 dBm	-11.94 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.51179 GHz	2.52 dBm	-27.48 dB

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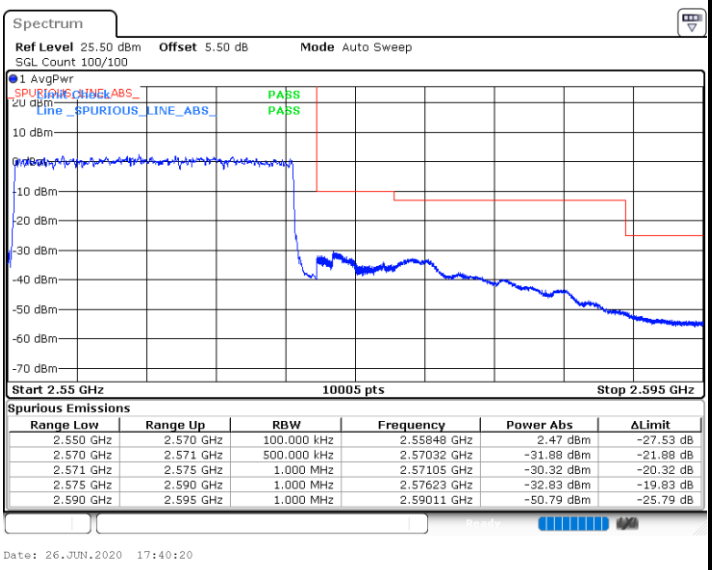


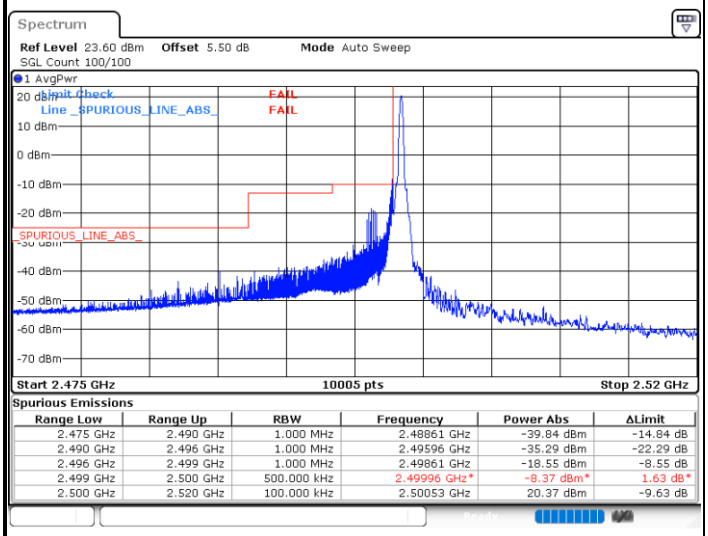
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55848 GHz	2.47 dBm	-27.53 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57032 GHz	-31.88 dBm	-21.88 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57105 GHz	-30.32 dBm	-20.32 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57623 GHz	-32.83 dBm	-19.83 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59011 GHz	-50.79 dBm	-25.79 dB

Date: 26.JUN.2020 17:40:20

FR1 n7 / 20MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

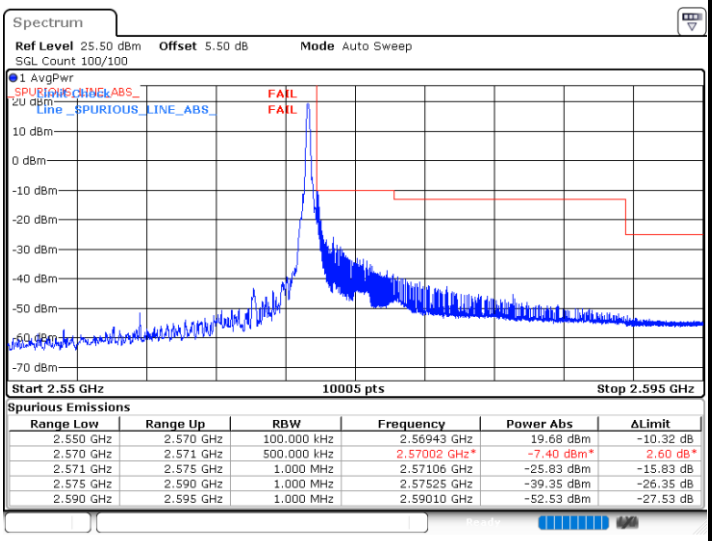


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48861 GHz	-39.84 dBm	-14.84 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49596 GHz	-35.29 dBm	-22.29 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49861 GHz	-18.55 dBm	-8.55 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49996 GHz*	-8.37 dBm*	1.63 dB*
2.500 GHz	2.520 GHz	100.000 kHz	2.50053 GHz	20.37 dBm	-9.63 dB

Date: 26.JUN.2020 15:40:52

Highest Band Edge / 1RBmax

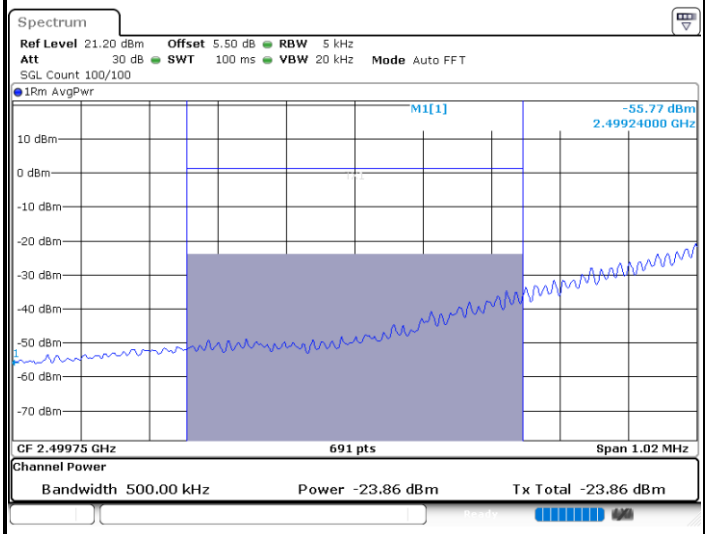


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56943 GHz	19.68 dBm	-10.32 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz*	-7.40 dBm*	2.60 dB*
2.571 GHz	2.575 GHz	1.000 MHz	2.57106 GHz	-25.83 dBm	-15.83 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57525 GHz	-39.35 dBm	-26.35 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59010 GHz	-52.53 dBm	-27.53 dB

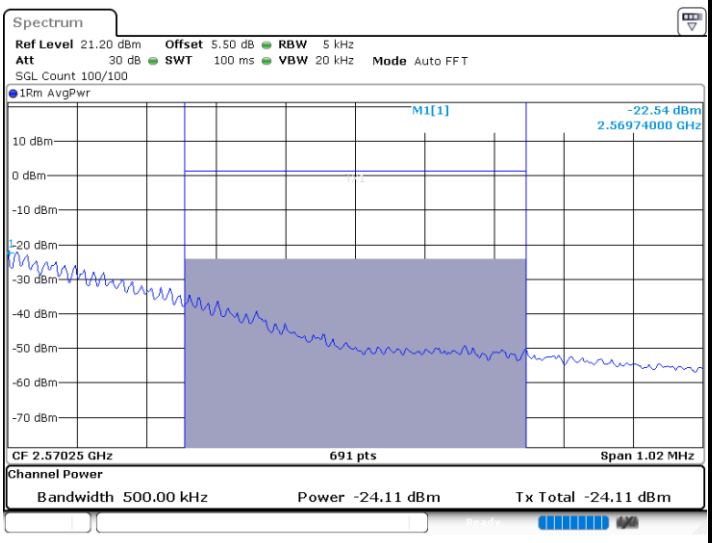
Date: 26.JUN.2020 16:38:12

Channel Power -23.86dBm < -10dBm (Pass)



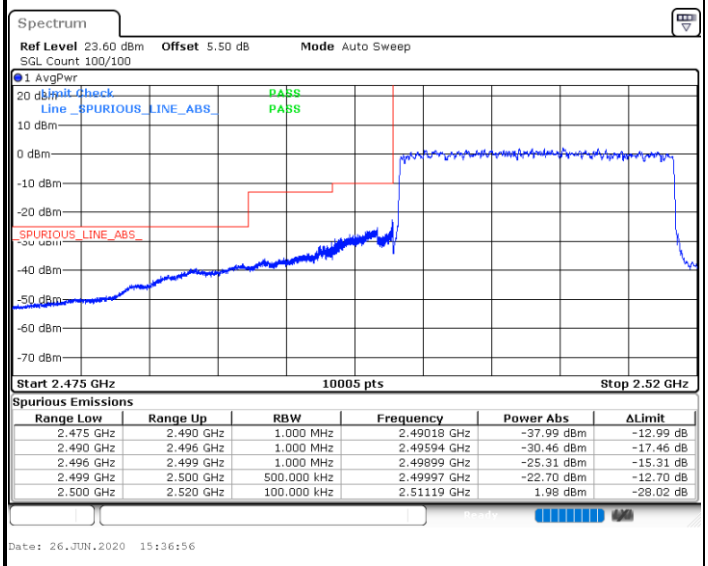
Date: 26.JUN.2020 15:49:37

Channel Power -24.11dBm < -10dBm (Pass)



Date: 26.JUN.2020 17:13:56

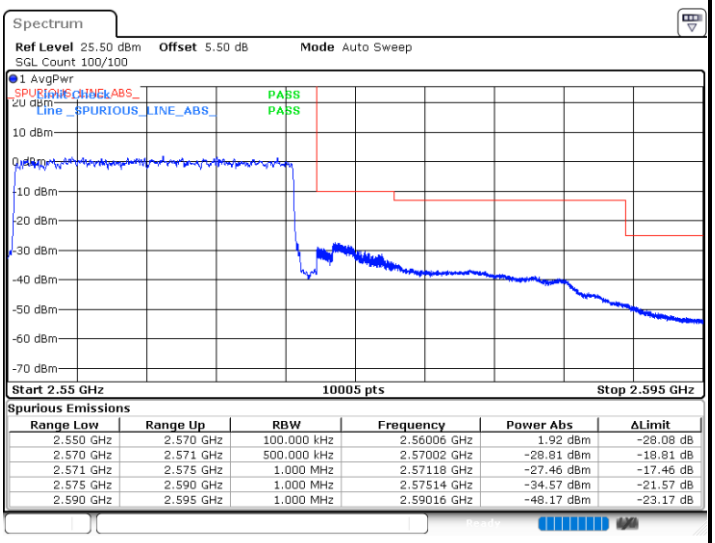
Lowest Band Edge / Full RB	Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49018 GHz	-37.99 dBm	-12.99 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49594 GHz	-30.46 dBm	-17.46 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-25.31 dBm	-15.31 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49997 GHz	-22.70 dBm	-12.70 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.51119 GHz	1.98 dBm	-28.02 dB

Date: 26.JUN.2020 15:36:56



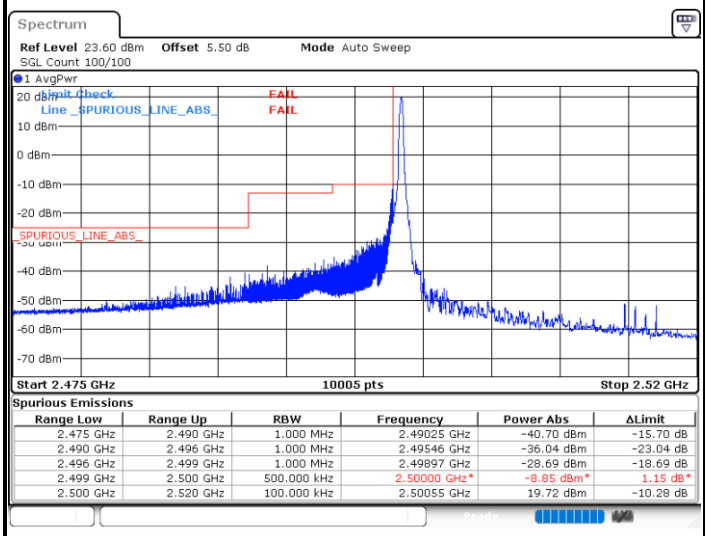
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56006 GHz	1.92 dBm	-28.08 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-28.81 dBm	-18.81 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57118 GHz	-27.46 dBm	-17.46 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57514 GHz	-34.57 dBm	-21.57 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59016 GHz	-48.17 dBm	-23.17 dB

Date: 26.JUN.2020 17:40:05

FR1 n7 / 20MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0

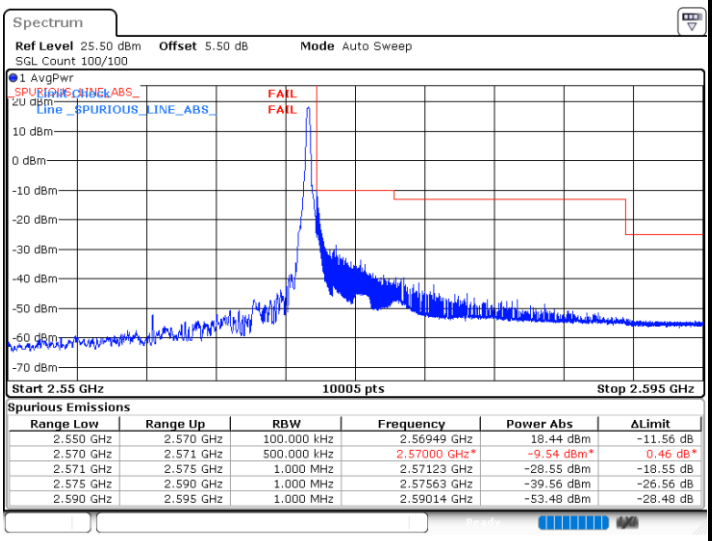


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49025 GHz	-40.70 dBm	-15.70 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49546 GHz	-36.04 dBm	-23.04 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49897 GHz	-28.69 dBm	-18.69 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.50000 GHz*	-8.85 dBm*	1.15 dB*
2.500 GHz	2.520 GHz	100.000 kHz	2.50055 GHz	19.72 dBm	-10.28 dB

Date: 26.JUN.2020 15:40:04

Highest Band Edge / 1RBmax

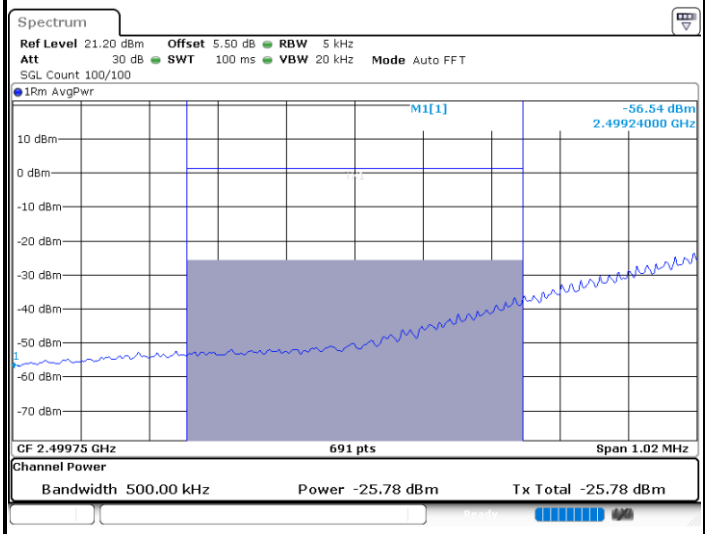


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56949 GHz	18.44 dBm	-11.56 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57000 GHz*	-9.54 dBm*	0.46 dB*
2.571 GHz	2.575 GHz	1.000 MHz	2.57123 GHz	-28.55 dBm	-18.55 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57563 GHz	-39.56 dBm	-26.56 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59014 GHz	-53.48 dBm	-28.48 dB

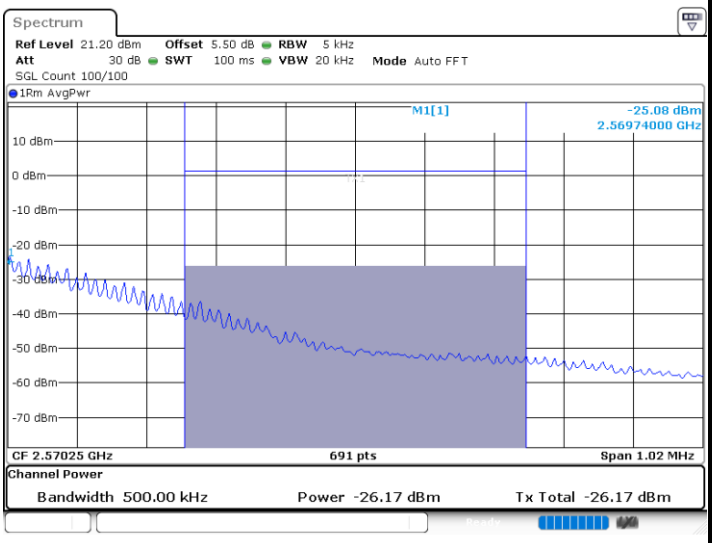
Date: 26.JUN.2020 16:34:41

Channel Power -25.78dBm < -10dBm (Pass)



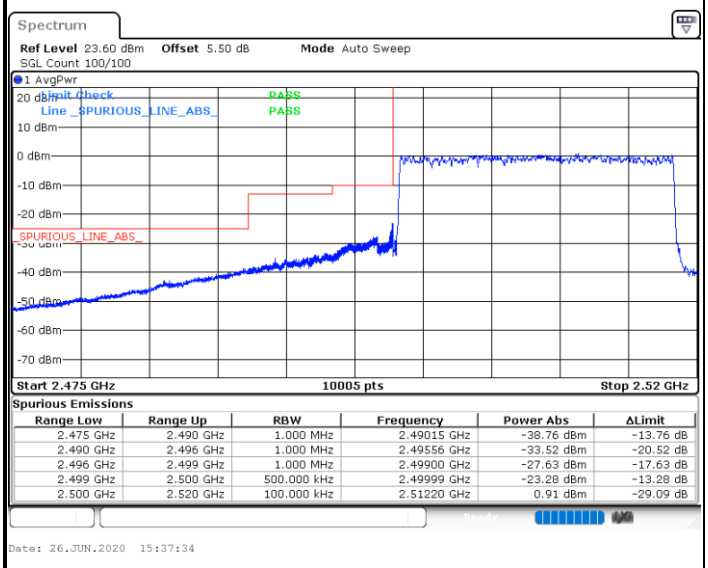
Date: 26.JUN.2020 15:51:01

Channel Power -26.17dBm < -10dBm (Pass)



Date: 26.JUN.2020 17:15:58

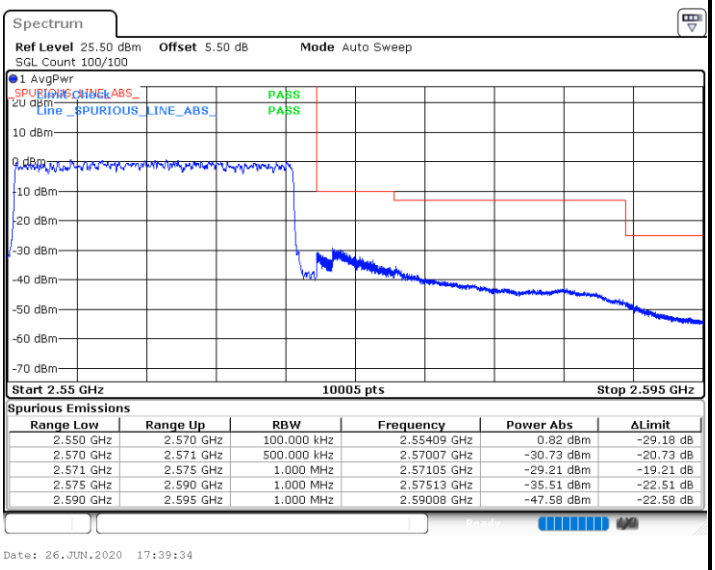
Lowest Band Edge / Full RB	Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49015 GHz	-38.76 dBm	-13.76 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49556 GHz	-33.52 dBm	-20.52 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49900 GHz	-27.63 dBm	-17.63 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49999 GHz	-23.28 dBm	-13.28 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.51220 GHz	0.91 dBm	-29.09 dB

Date: 26.JUN.2020 15:37:34



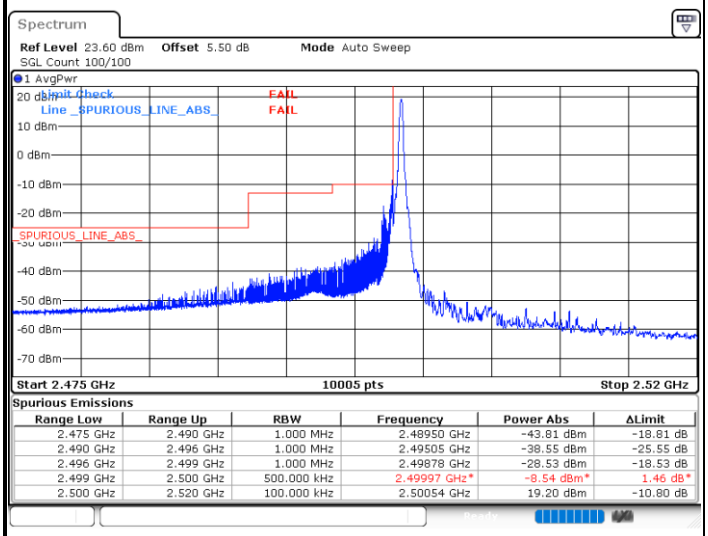
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55409 GHz	0.82 dBm	-29.18 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57007 GHz	-30.73 dBm	-20.73 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57105 GHz	-29.21 dBm	-19.21 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57513 GHz	-35.51 dBm	-22.51 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59008 GHz	-47.58 dBm	-22.58 dB

Date: 26.JUN.2020 17:39:34

FR1 n7 / 20MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / 1RB0

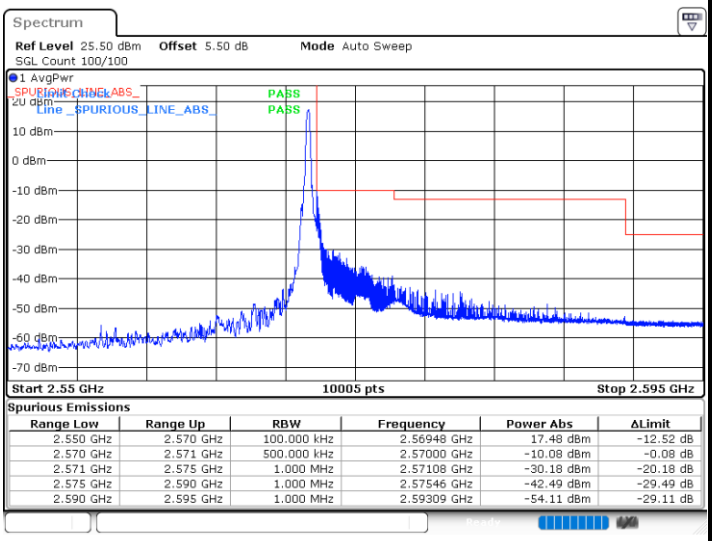


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48950 GHz	-43.81 dBm	-18.81 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49505 GHz	-38.55 dBm	-25.55 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49878 GHz	-28.53 dBm	-18.53 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49997 GHz*	-8.54 dBm*	1.46 dB*
2.500 GHz	2.520 GHz	100.000 kHz	2.50054 GHz	19.20 dBm	-10.80 dB

Date: 26.JUN.2020 15:38:48

Highest Band Edge / 1RBmax

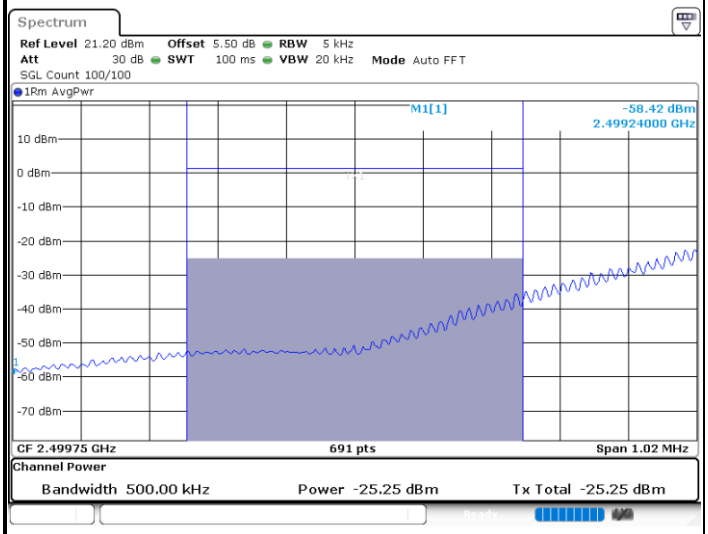


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56948 GHz	17.48 dBm	-12.52 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57000 GHz	-10.08 dBm	-0.08 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57108 GHz	-30.18 dBm	-20.18 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57546 GHz	-42.49 dBm	-29.49 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59309 GHz	-54.11 dBm	-29.11 dB

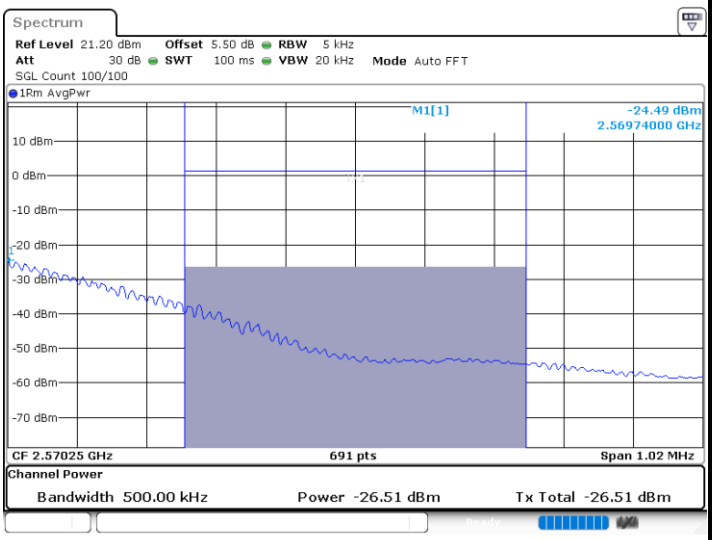
Date: 26.JUN.2020 16:33:54

Channel Power -25.25dBm < -10dBm (Pass)

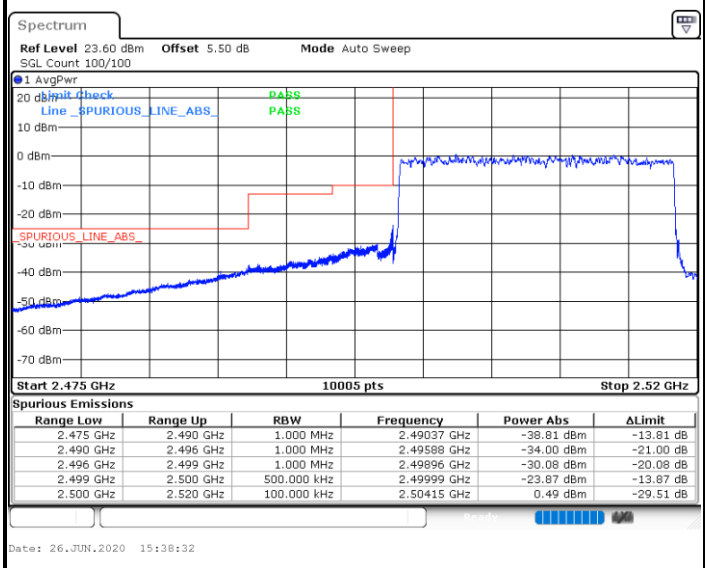
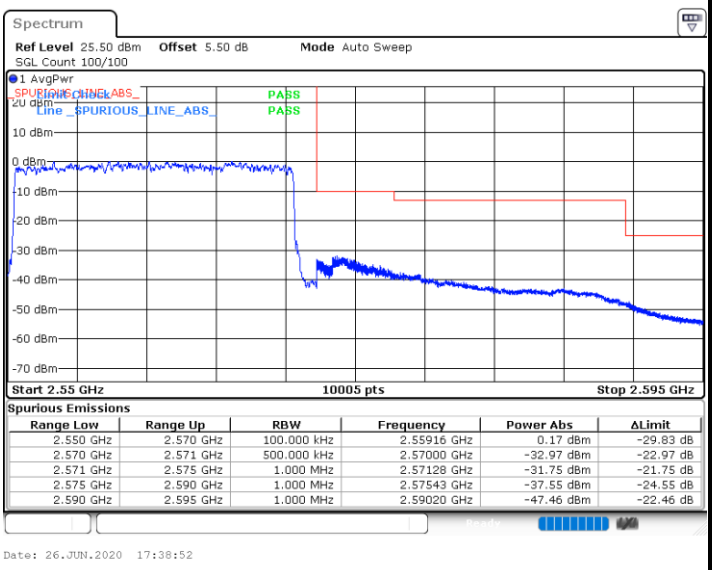


Date: 26.JUN.2020 15:54:20

Channel Power -26.51dBm < -10dBm (Pass)



Date: 26.JUN.2020 17:17:04

Lowest Band Edge / Full RB	Highest Band Edge / Full RB
	

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49037 GHz	-38.81 dBm	-13.81 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49588 GHz	-34.00 dBm	-21.00 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49896 GHz	-30.08 dBm	-20.08 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49999 GHz	-23.87 dBm	-13.87 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50415 GHz	0.49 dBm	-29.51 dB

Date: 26.JUN.2020 15:38:32

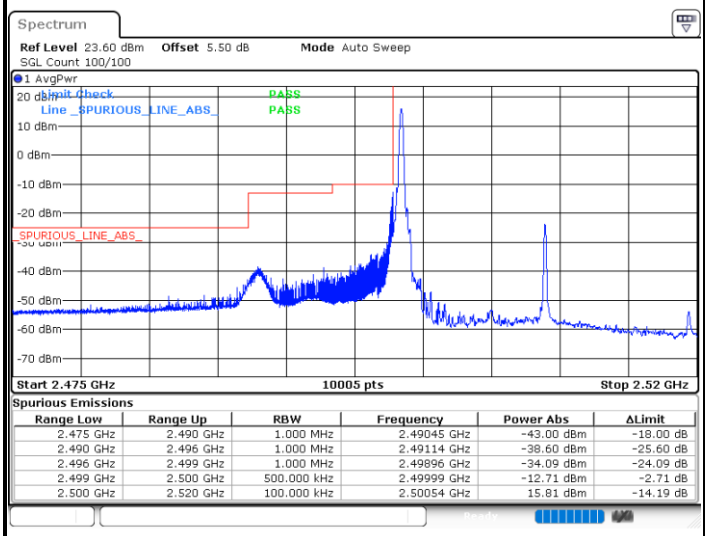
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55916 GHz	0.17 dBm	-29.83 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57000 GHz	-32.97 dBm	-22.97 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57128 GHz	-31.75 dBm	-21.75 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57543 GHz	-37.55 dBm	-24.55 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59020 GHz	-47.46 dBm	-22.46 dB

Date: 26.JUN.2020 17:38:52

FR1 n7 / 20MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0

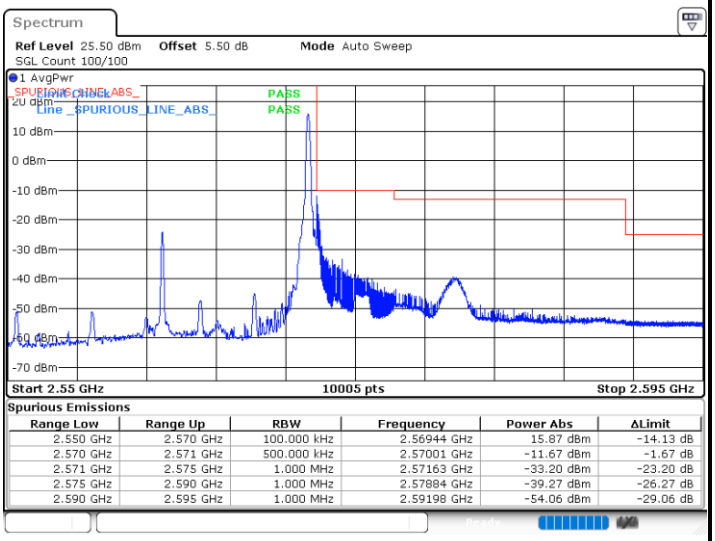


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49045 GHz	-43.00 dBm	-18.00 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49114 GHz	-38.60 dBm	-25.60 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49896 GHz	-34.09 dBm	-24.09 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49999 GHz	-12.71 dBm	-2.71 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50054 GHz	15.81 dBm	-14.19 dB

Date: 26.JUN.2020 16:01:05

Highest Band Edge / 1RBmax

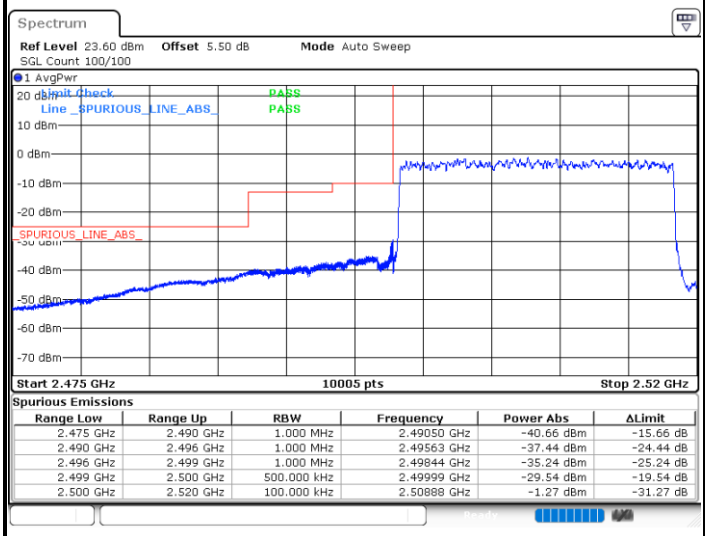


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56944 GHz	15.87 dBm	-14.13 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57001 GHz	-11.67 dBm	-1.67 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57163 GHz	-33.20 dBm	-23.20 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57884 GHz	-39.27 dBm	-26.27 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59198 GHz	-54.06 dBm	-29.06 dB

Date: 26.JUN.2020 16:26:27

Lowest Band Edge / Full RB

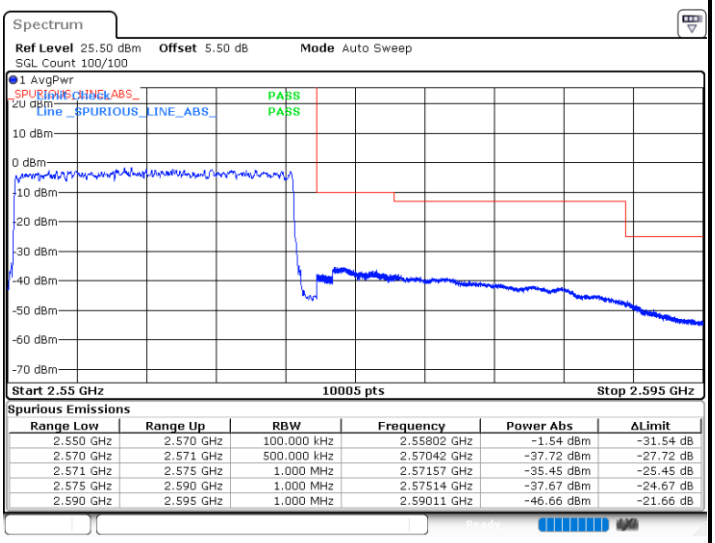


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49050 GHz	-40.66 dBm	-15.66 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49563 GHz	-37.44 dBm	-24.44 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49844 GHz	-35.24 dBm	-25.24 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49999 GHz	-29.54 dBm	-19.54 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50888 GHz	-1.27 dBm	-31.27 dB

Date: 26.JUN.2020 16:24:19

Highest Band Edge / Full RB



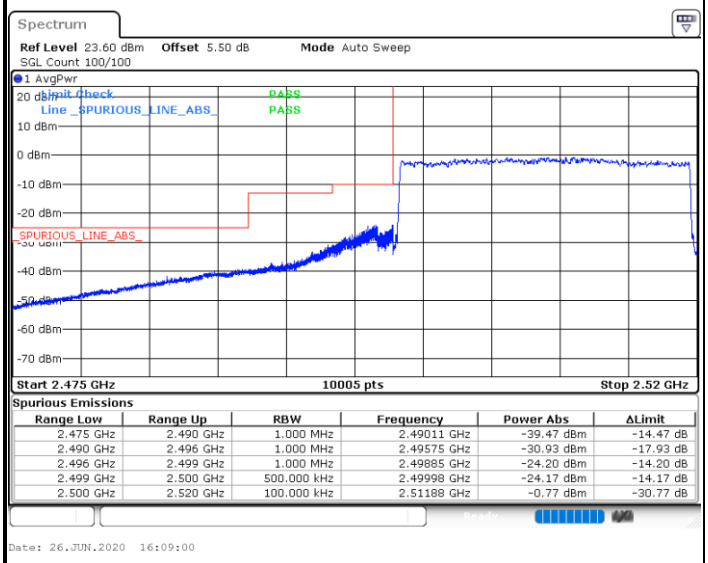
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55802 GHz	-1.54 dBm	-31.54 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57042 GHz	-37.72 dBm	-27.72 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57157 GHz	-35.45 dBm	-25.45 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57514 GHz	-37.67 dBm	-24.67 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59011 GHz	-46.66 dBm	-21.66 dB

Date: 26.JUN.2020 16:25:56

FR1 n7 / 20MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

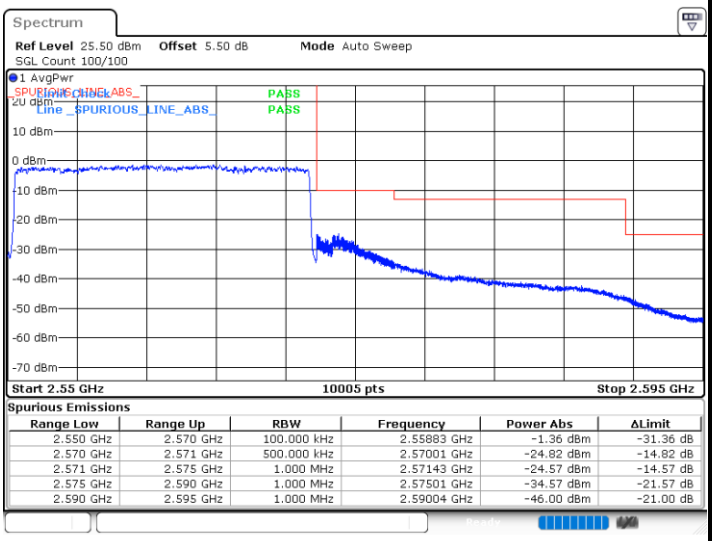


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49011 GHz	-39.47 dBm	-14.47 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49575 GHz	-30.93 dBm	-17.93 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49885 GHz	-24.20 dBm	-14.20 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49998 GHz	-24.17 dBm	-14.17 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.51188 GHz	-0.77 dBm	-30.77 dB

Date: 26.JUN.2020 16:09:00

Highest Band Edge / Full RB



Spurious Emissions

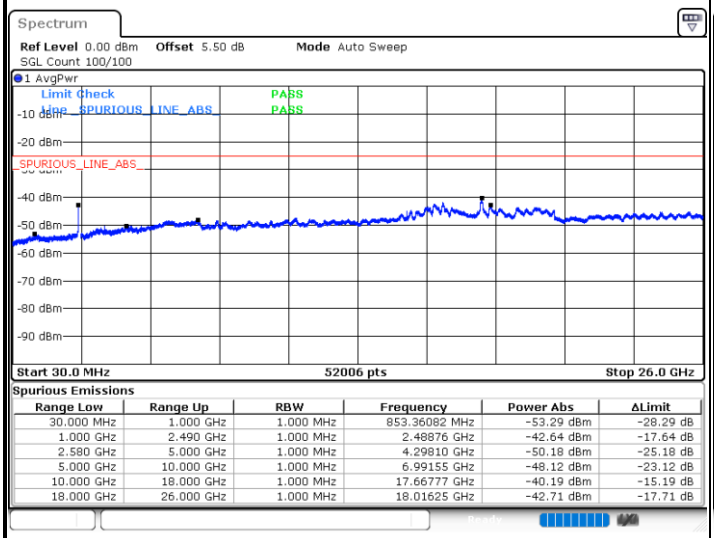
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55883 GHz	-1.36 dBm	-31.36 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57001 GHz	-24.82 dBm	-14.82 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57143 GHz	-24.57 dBm	-14.57 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57501 GHz	-34.57 dBm	-21.57 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59004 GHz	-46.00 dBm	-21.00 dB

Date: 26.JUN.2020 17:40:52

Conducted Spurious Emission

FR1 n7 / 5MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

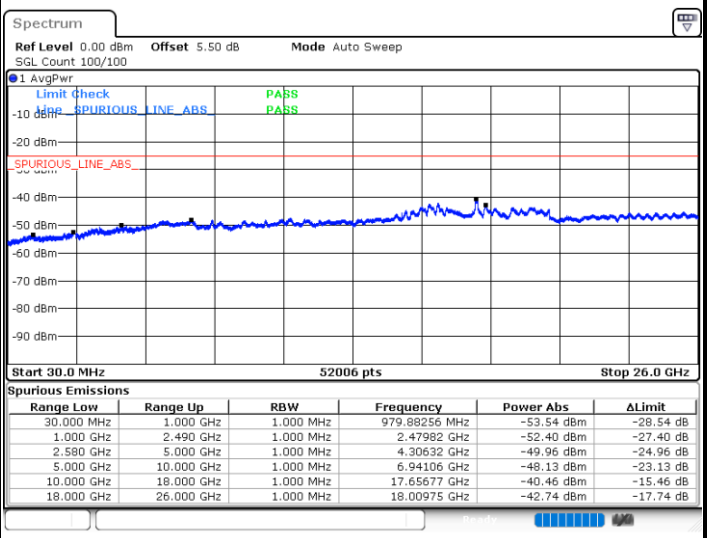


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	853.36082 MHz	-53.29 dBm	-28.29 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48876 GHz	-42.64 dBm	-17.64 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.29810 GHz	-50.18 dBm	-25.18 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99155 GHz	-48.12 dBm	-23.12 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.66777 GHz	-40.19 dBm	-15.19 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.01625 GHz	-42.71 dBm	-17.71 dB

Date: 29.JUN.2020 23:20:45

Middle Channel / 1RB1

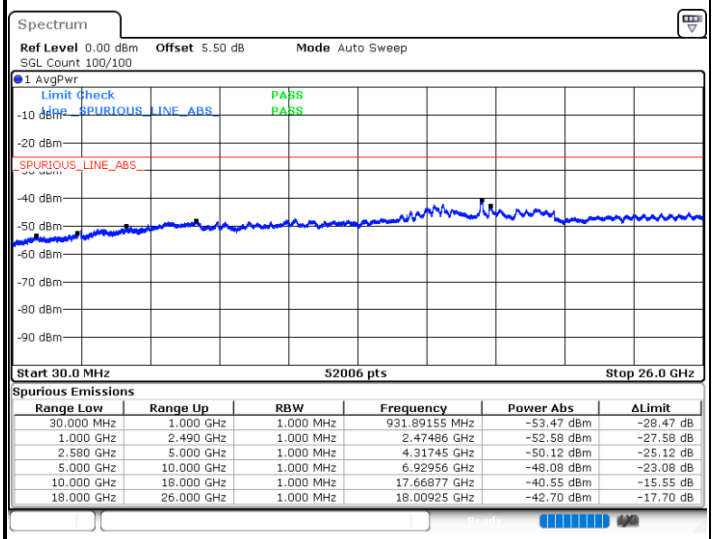


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	979.88256 MHz	-53.54 dBm	-28.54 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47982 GHz	-52.40 dBm	-27.40 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30632 GHz	-49.96 dBm	-24.96 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94106 GHz	-48.13 dBm	-23.13 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.65677 GHz	-40.46 dBm	-15.46 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00975 GHz	-42.74 dBm	-17.74 dB

Date: 29.JUN.2020 23:18:18

Highest Channel / 1RB1



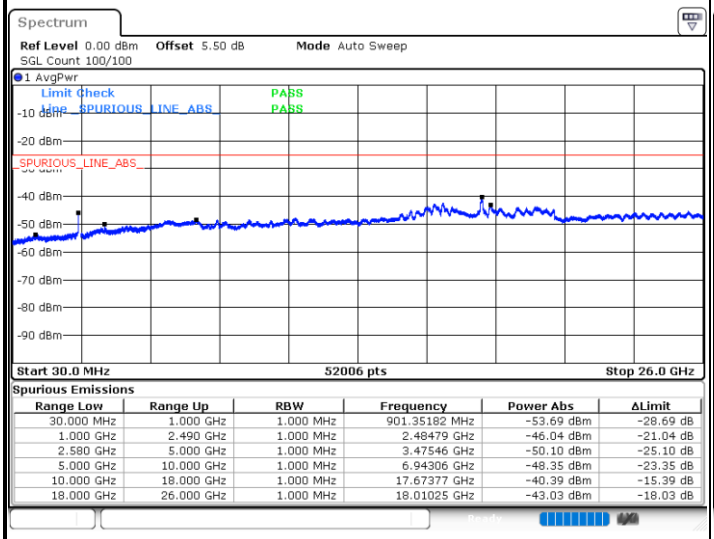
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.89155 MHz	-53.47 dBm	-28.47 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47486 GHz	-52.58 dBm	-27.58 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.31745 GHz	-50.12 dBm	-25.12 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.92956 GHz	-48.08 dBm	-23.08 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.66877 GHz	-40.55 dBm	-15.55 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00925 GHz	-42.70 dBm	-17.70 dB

Date: 29.JUN.2020 23:15:59

FR1 n7 / 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

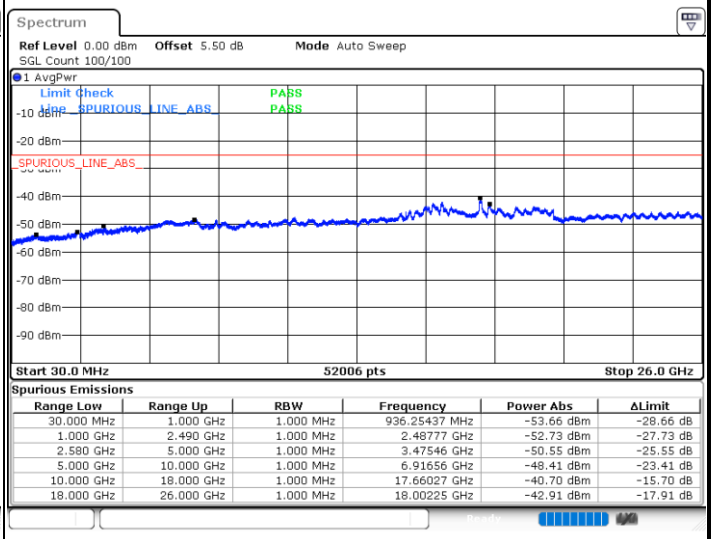


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	901.35182 MHz	-53.69 dBm	-28.69 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48479 GHz	-46.04 dBm	-21.04 dB
2.580 GHz	5.000 GHz	1.000 MHz	3.47546 GHz	-50.10 dBm	-25.10 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94306 GHz	-48.35 dBm	-23.35 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.67377 GHz	-40.39 dBm	-15.39 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.01025 GHz	-43.03 dBm	-18.03 dB

Date: 29.JUN.2020 14:09:51

Middle Channel / 1RB1

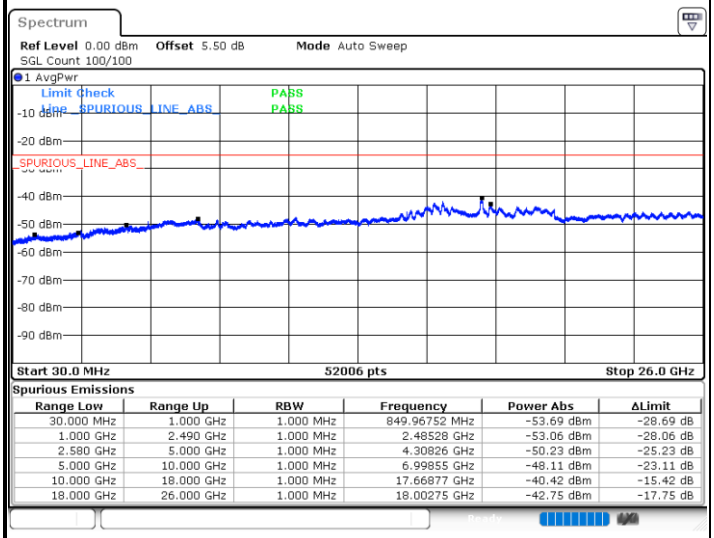


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.25437 MHz	-53.66 dBm	-28.66 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-52.73 dBm	-27.73 dB
2.580 GHz	5.000 GHz	1.000 MHz	3.47546 GHz	-50.55 dBm	-25.55 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.91656 GHz	-48.41 dBm	-23.41 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.66027 GHz	-40.70 dBm	-15.70 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00225 GHz	-42.91 dBm	-17.91 dB

Date: 29.JUN.2020 14:13:46

Highest Channel / 1RB1



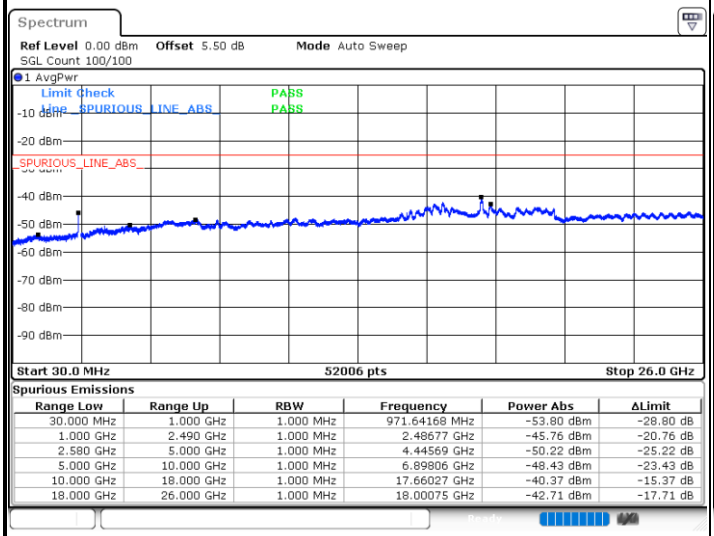
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	849.96752 MHz	-53.69 dBm	-28.69 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48528 GHz	-53.06 dBm	-28.06 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30826 GHz	-50.23 dBm	-25.23 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99855 GHz	-48.11 dBm	-23.11 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.66877 GHz	-40.42 dBm	-15.42 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00275 GHz	-42.75 dBm	-17.75 dB

Date: 29.JUN.2020 14:16:08

FR1 n7 / 15MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

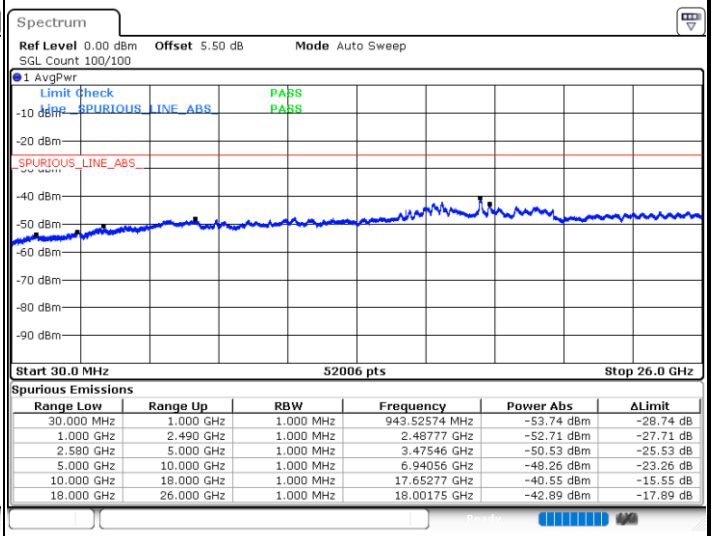


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	971.64168 MHz	-53.80 dBm	-28.80 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48677 GHz	-45.76 dBm	-20.76 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.44569 GHz	-50.22 dBm	-25.22 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.89806 GHz	-48.43 dBm	-23.43 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.66027 GHz	-40.37 dBm	-15.37 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00075 GHz	-42.71 dBm	-17.71 dB

Date: 29.JUN.2020 10:22:33

Middle Channel / 1RB1

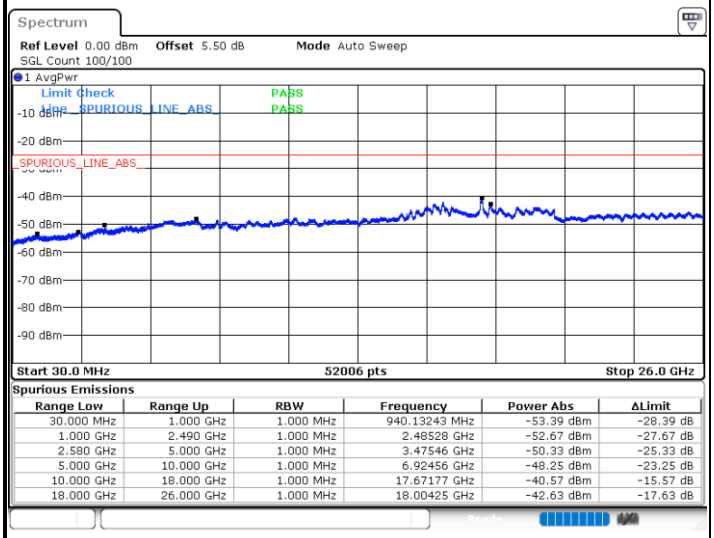


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.52574 MHz	-53.74 dBm	-28.74 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-52.71 dBm	-27.71 dB
2.580 GHz	5.000 GHz	1.000 MHz	3.47546 GHz	-50.53 dBm	-25.53 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94056 GHz	-48.26 dBm	-23.26 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.65277 GHz	-40.55 dBm	-15.55 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00175 GHz	-42.89 dBm	-17.89 dB

Date: 29.JUN.2020 10:30:01

Highest Channel / 1RB1



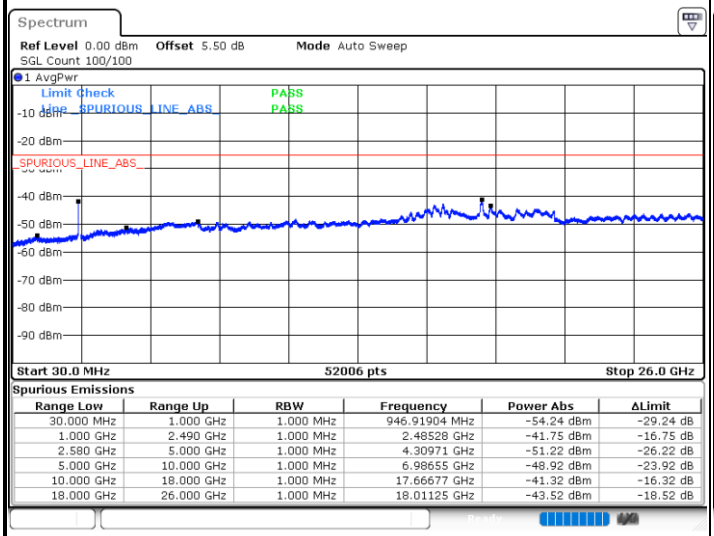
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	940.13243 MHz	-53.39 dBm	-28.39 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48528 GHz	-52.67 dBm	-27.67 dB
2.580 GHz	5.000 GHz	1.000 MHz	3.47546 GHz	-50.33 dBm	-25.33 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.92456 GHz	-48.25 dBm	-23.25 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.67177 GHz	-40.57 dBm	-15.57 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00425 GHz	-42.63 dBm	-17.63 dB

Date: 29.JUN.2020 10:34:36

FR1 n7 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

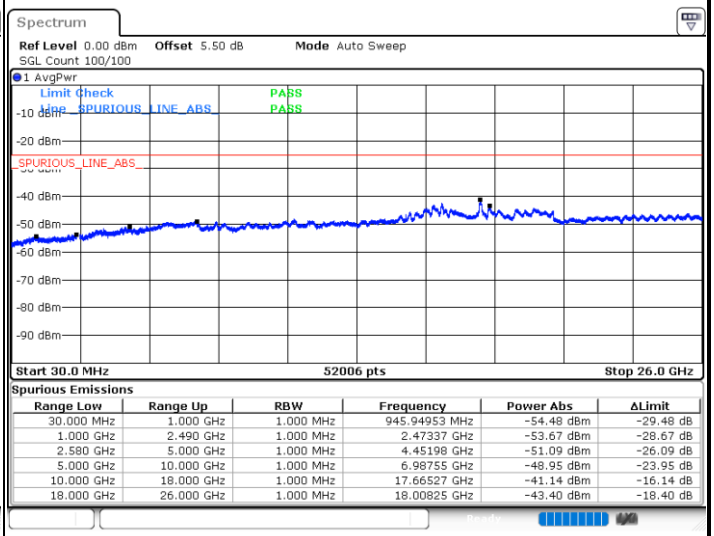


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.91904 MHz	-54.24 dBm	-29.24 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48528 GHz	-41.75 dBm	-16.75 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30971 GHz	-51.22 dBm	-26.22 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98655 GHz	-48.92 dBm	-23.92 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.66677 GHz	-41.32 dBm	-16.32 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.01125 GHz	-43.52 dBm	-18.52 dB

Date: 26.JUN.2020 16:05:43

Middle Channel / 1RB1

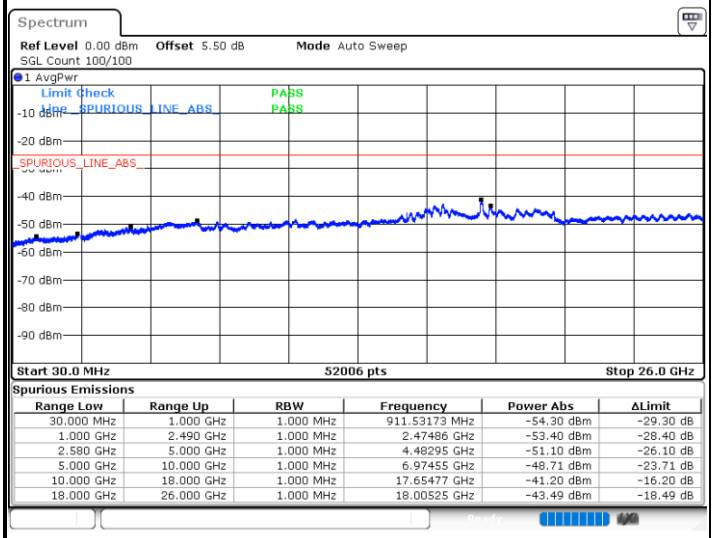


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	945.94953 MHz	-54.48 dBm	-29.48 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47337 GHz	-53.67 dBm	-28.67 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.45198 GHz	-51.09 dBm	-26.09 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98755 GHz	-48.95 dBm	-23.95 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.66527 GHz	-41.14 dBm	-16.14 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00825 GHz	-43.40 dBm	-18.40 dB

Date: 26.JUN.2020 16:18:32

Highest Channel / 1RB1



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	911.53173 MHz	-54.30 dBm	-29.30 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47486 GHz	-53.40 dBm	-28.40 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.48295 GHz	-51.10 dBm	-26.10 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97455 GHz	-48.71 dBm	-23.71 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.65477 GHz	-41.20 dBm	-16.20 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00525 GHz	-43.49 dBm	-18.49 dB

Date: 26.JUN.2020 16:20:45

Frequency Stability

Test Conditions		FR1 n7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0068	
30	Normal Voltage	0.0084	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0077	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0080	
-20	Normal Voltage	0.0099	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0007	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =3.87 V.；Battery End Point (BEP) =3.49 V.；Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

FR1 n12

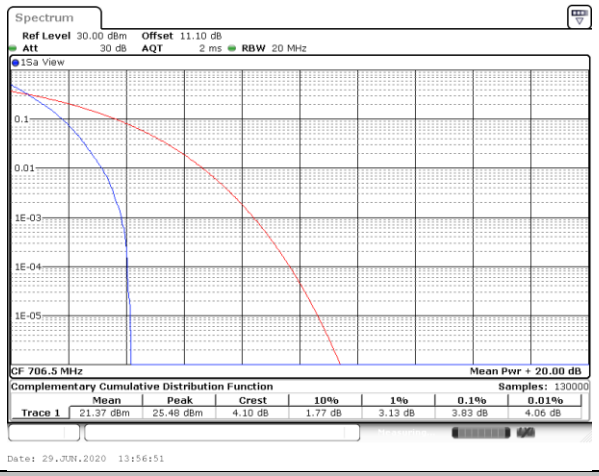
Peak-to-Average Ratio

Mode	FR1 n12 / 15MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Lowest CH	3.83	4.52	5.48	5.91	PASS
Middle CH	3.80	4.49	5.51	5.94	
Highest CH	3.77	4.49	5.54	5.94	
Mode	FR1 n12 / 15MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Lowest CH	6.46				PASS
Middle CH	6.43				
Highest CH	6.46				

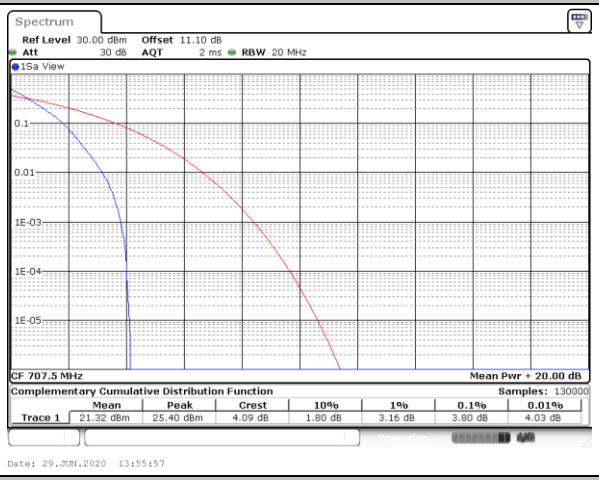
FR1 n12 / 15MHz / DFT-S OFDM

PI/2 BPSK

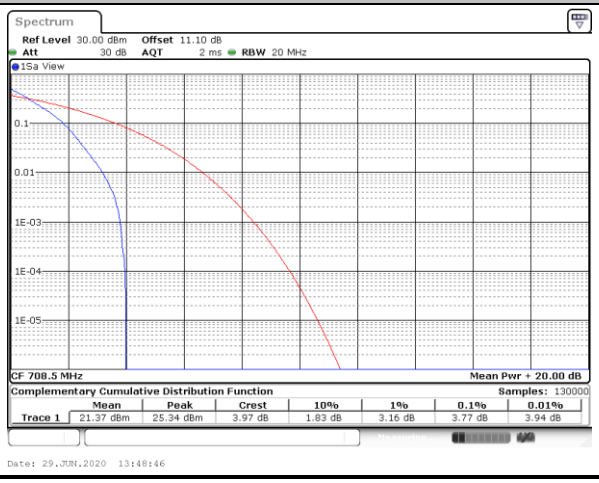
Lowest Channel / Full RB



Middle Channel / Full RB

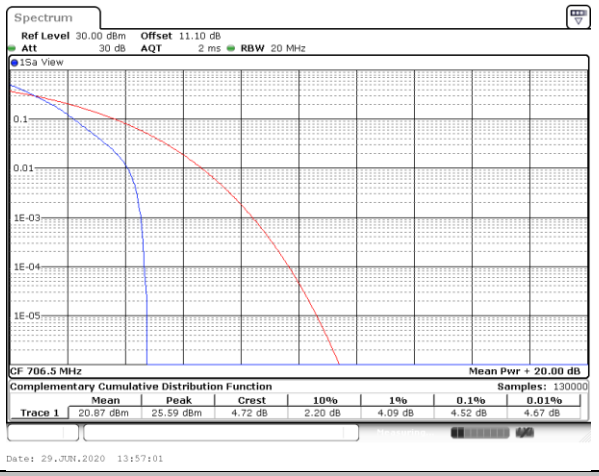


Highest Channel / Full RB

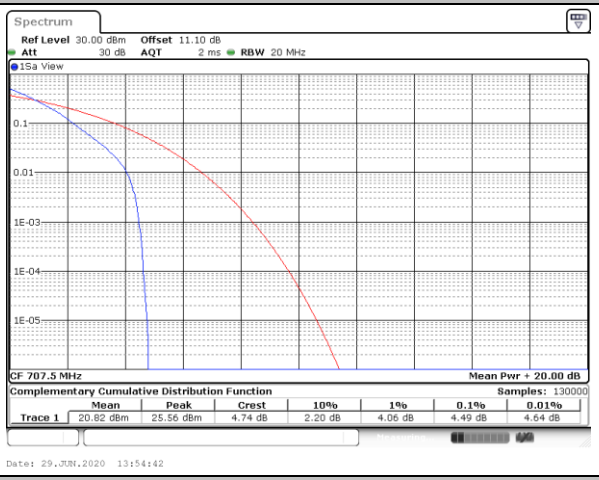


QPSK

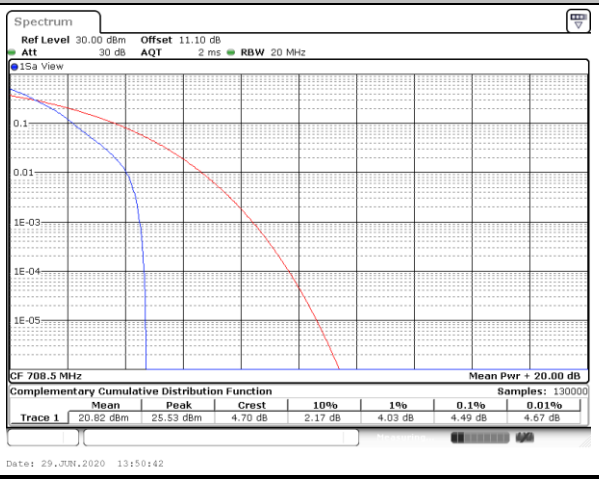
Lowest Channel / Full RB

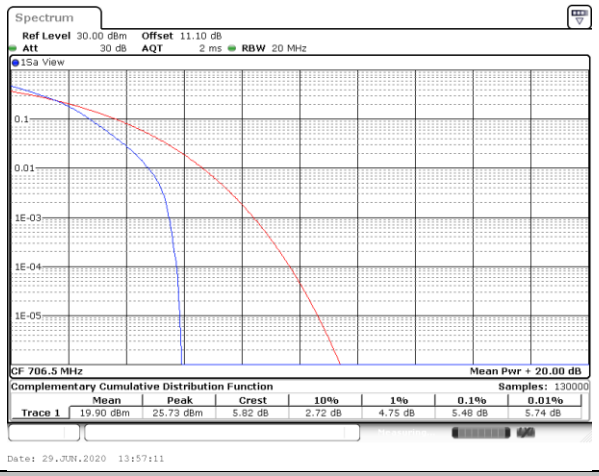
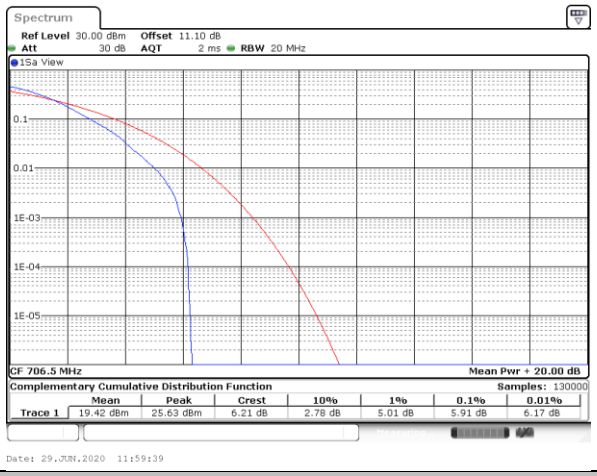
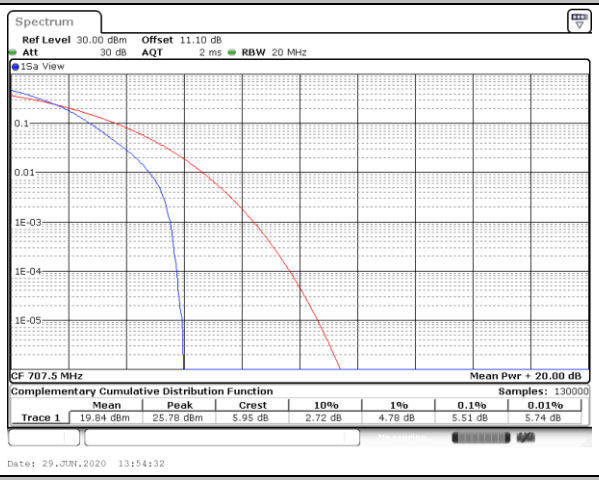
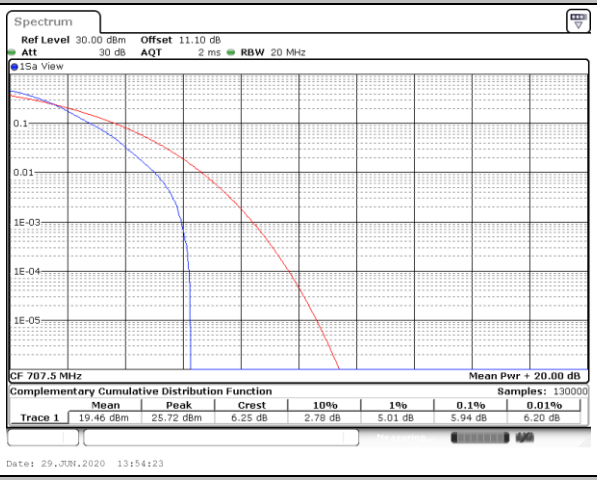
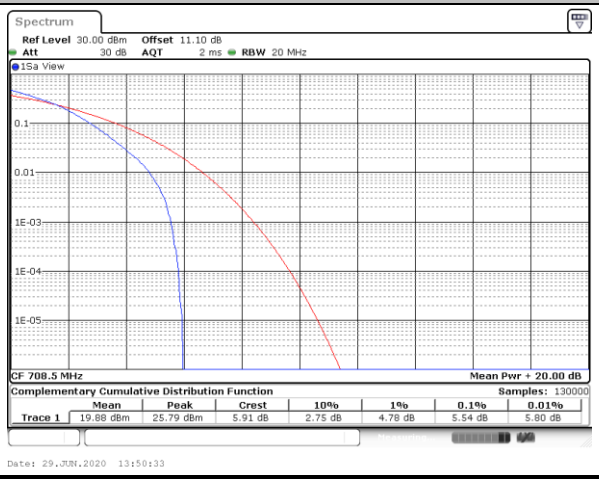
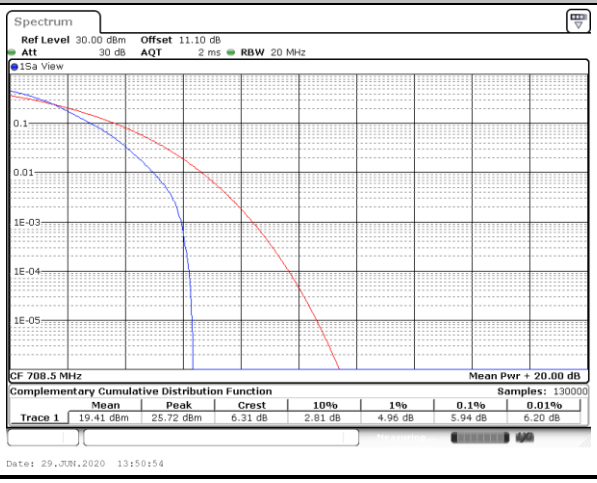


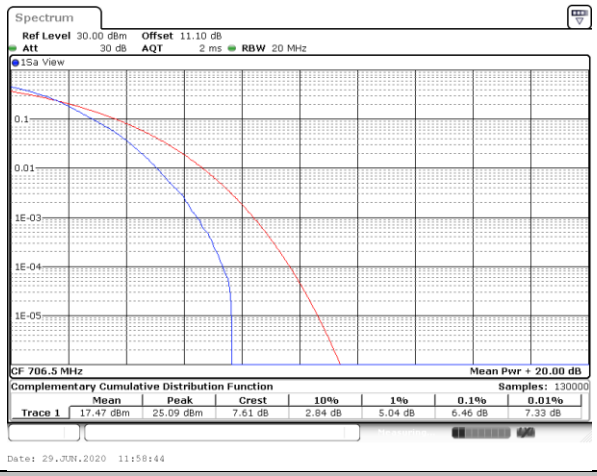
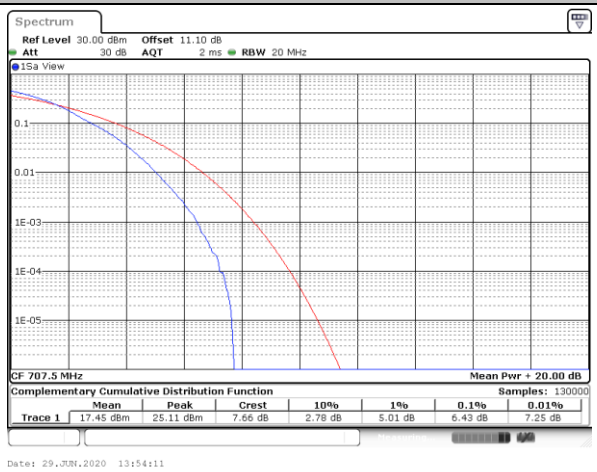
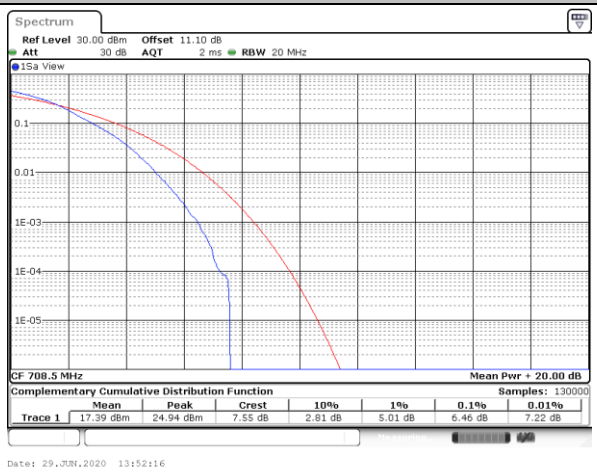
Middle Channel / Full RB



Highest Channel / Full RB



FR1 n12 / 15MHz / DFT-S OFDM	
16QAM	**64QAM**
Lowest Channel / Full RB	**Lowest Channel / Full RB**
	
Middle Channel / Full RB	**Middle Channel / Full RB**
	
Highest Channel / Full RB	**Highest Channel / Full RB**
	

FR1 n12 / 15MHz / DFT-S OFDM	
256QAM	
Lowest Channel / Full RB	
	
Middle Channel / Full RB	
	
Highest Channel / Full RB	
	

26dB Bandwidth

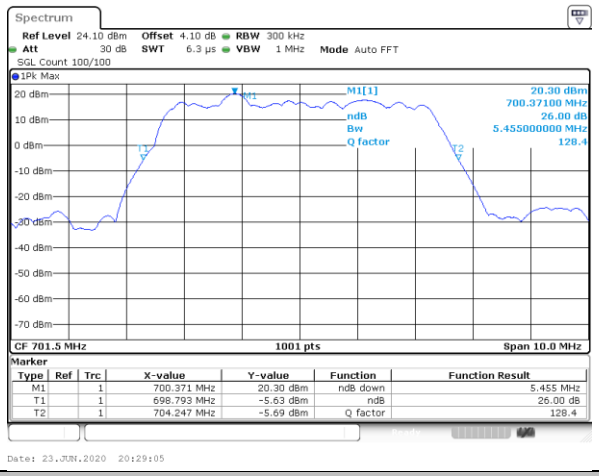
Mode	FR1 n12 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz			
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK			
Lowest CH	5.46		9.71		14.36			
Middle CH	5.39		9.69		14.42			
Highest CH	5.22		9.67		14.15			

Mode	FR1 n12 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Lowest CH	5.24	5.30	10.27	10.19	14.90	15.08		
Middle CH	5.57	5.20	10.07	10.13	14.99	15.05		
Highest CH	5.46	5.12	10.15	10.09	15.17	15.14		
Mode	FR1 n12 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz			
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Lowest CH	5.14	5.34	10.25	9.95	15.14	14.93		
Middle CH	5.28	5.16	10.01	10.25	14.93	14.93		
Highest CH	5.53	5.14	9.99	10.17	14.93	14.96		

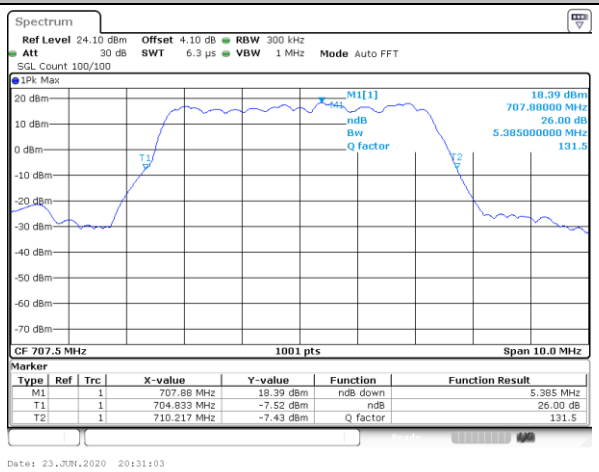
FR1 n12 / 5MHz / DFT-S OFDM

PI/2 BPSK

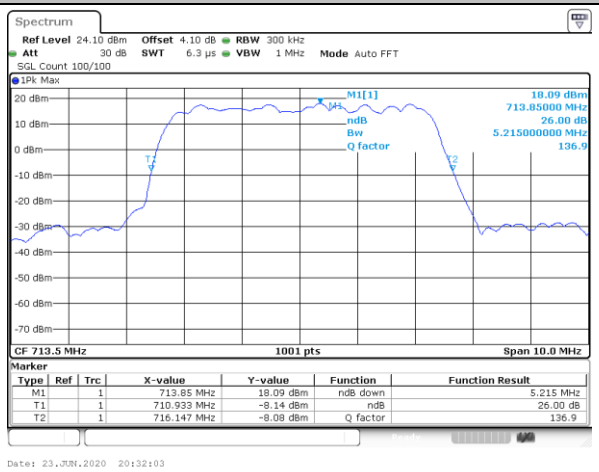
Lowest Channel



Middle Channel



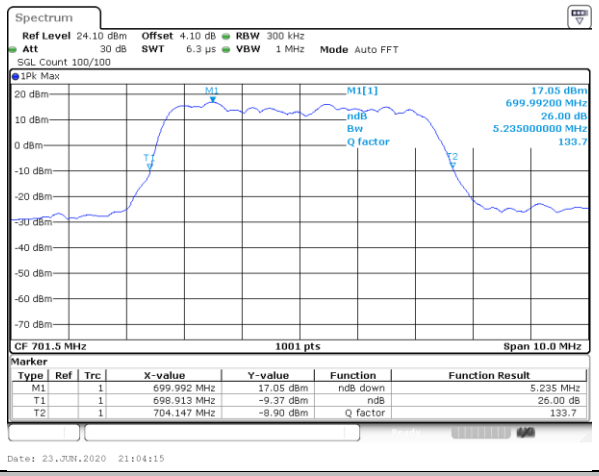
Highest Channel



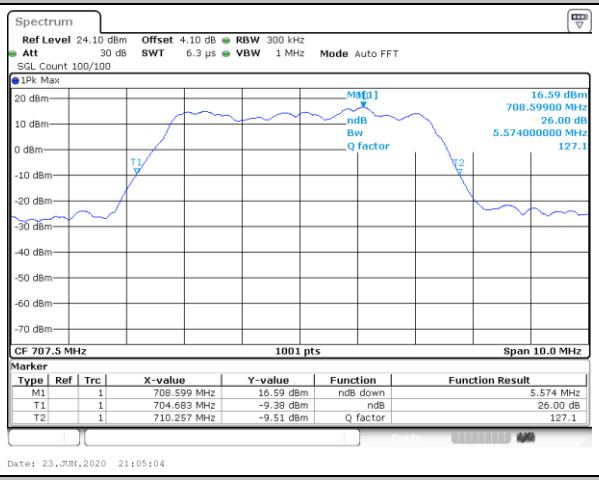
FR1 n12 / 5MHz / CP OFDM

QPSK

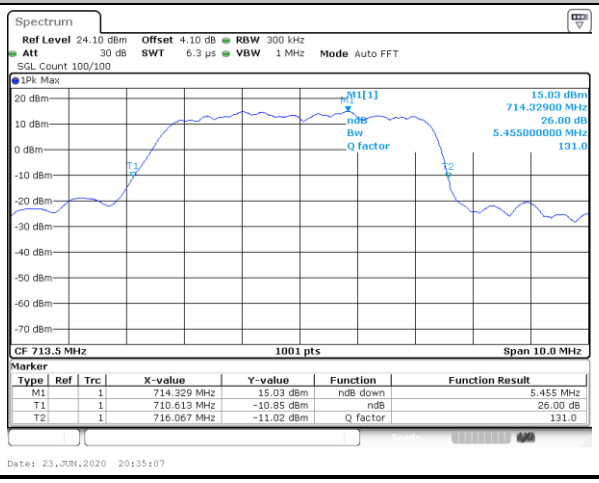
Lowest Channel



Middle Channel

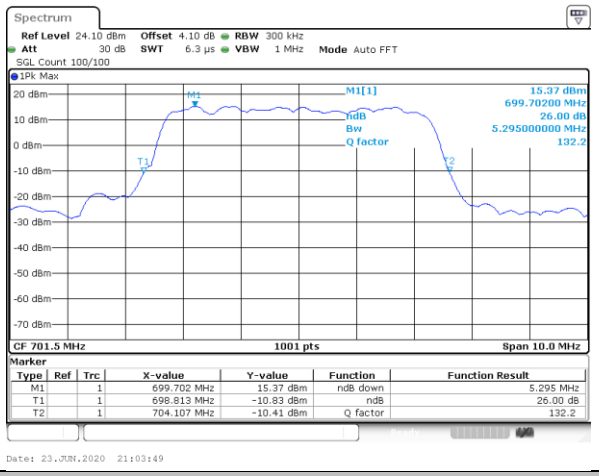


Highest Channel

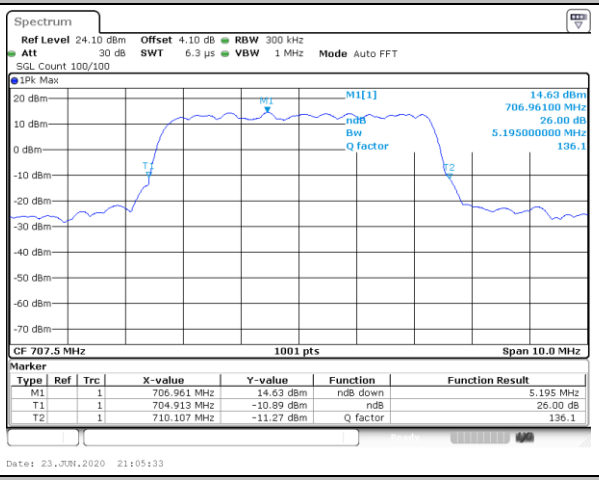


16QAM

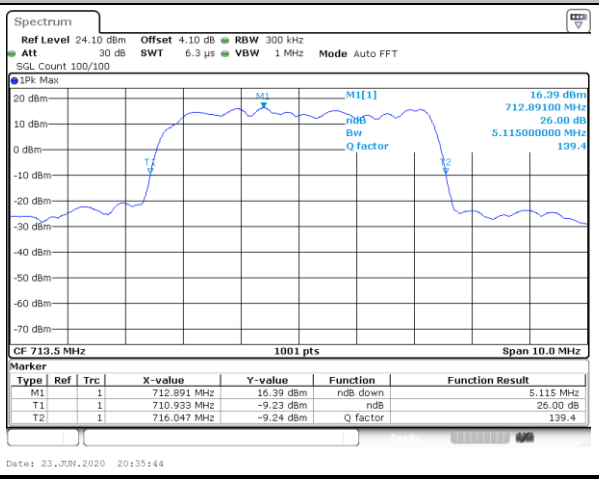
Lowest Channel



Middle Channel



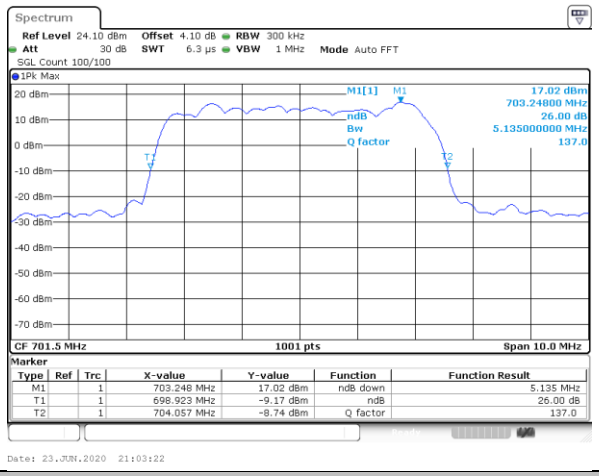
Highest Channel



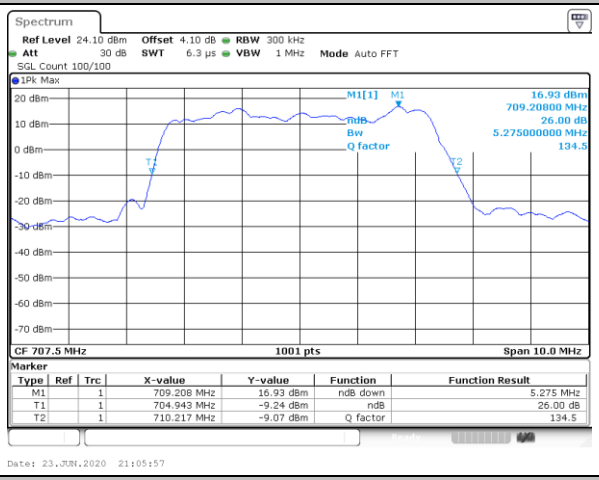
FR1 n12 / 5MHz / CP OFDM

64QAM

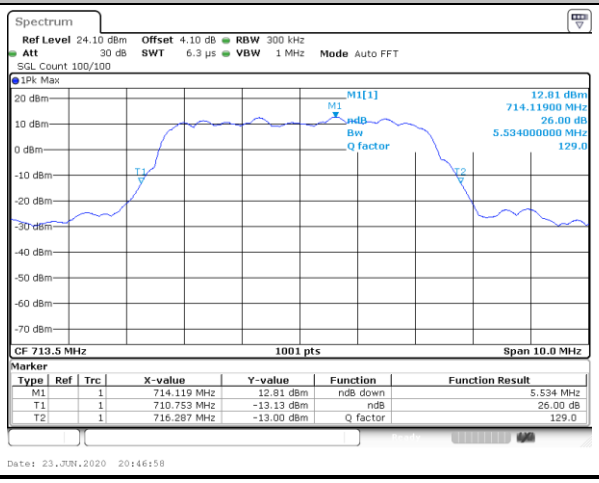
Lowest Channel



Middle Channel

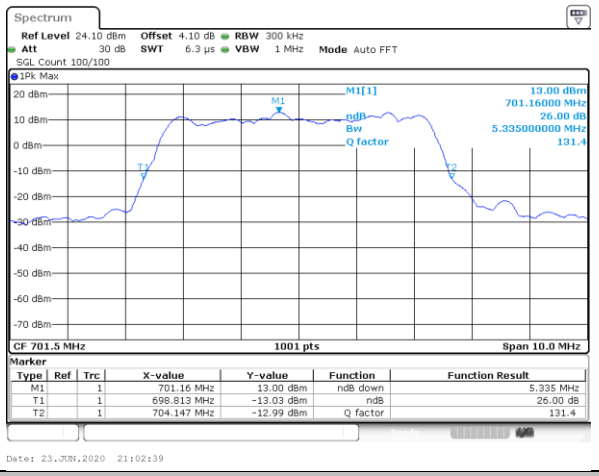


Highest Channel

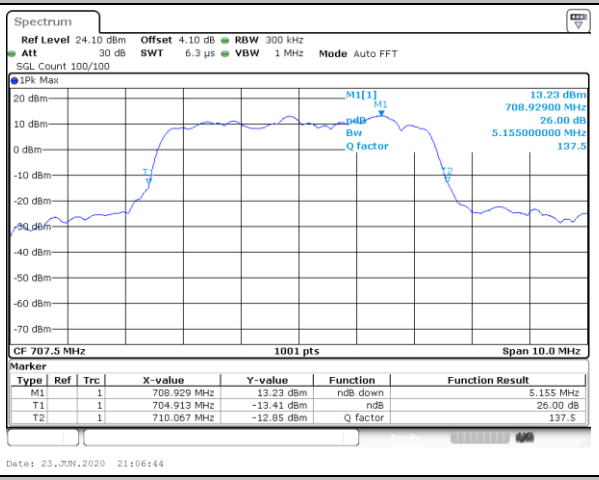


256QAM

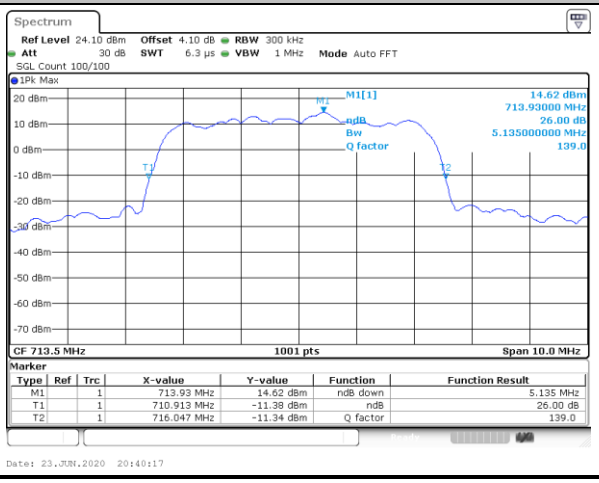
Lowest Channel



Middle Channel



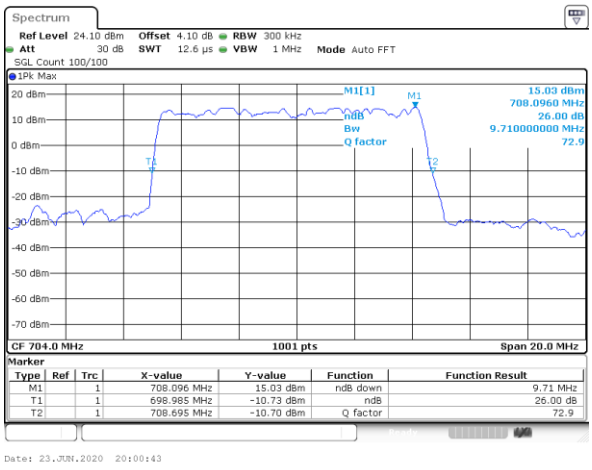
Highest Channel



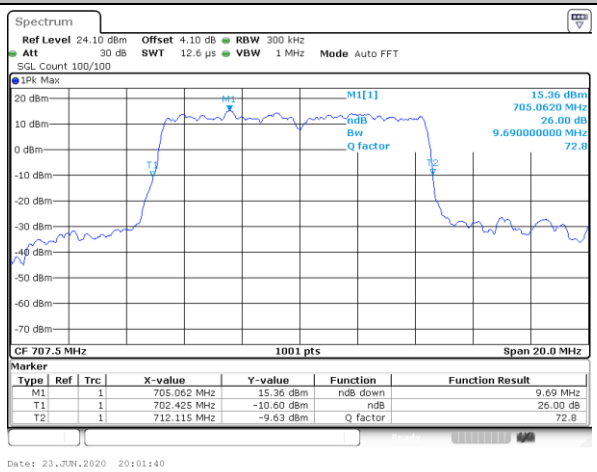
FR1 n12 / 10MHz / DFT-S OFDM

PI/2 BPSK

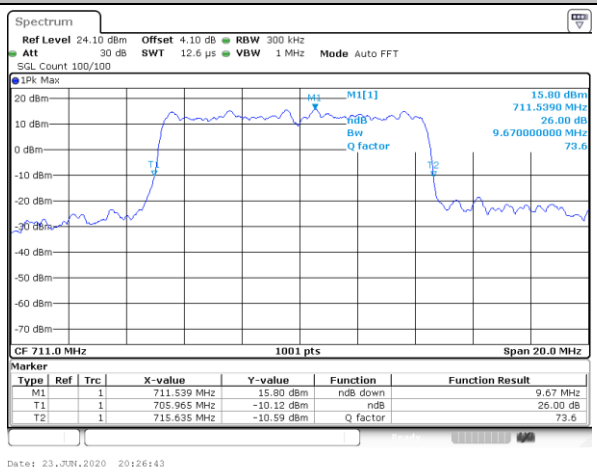
Lowest Channel



Middle Channel



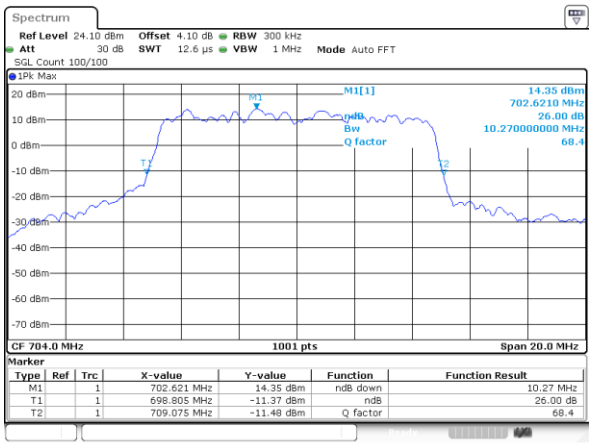
Highest Channel



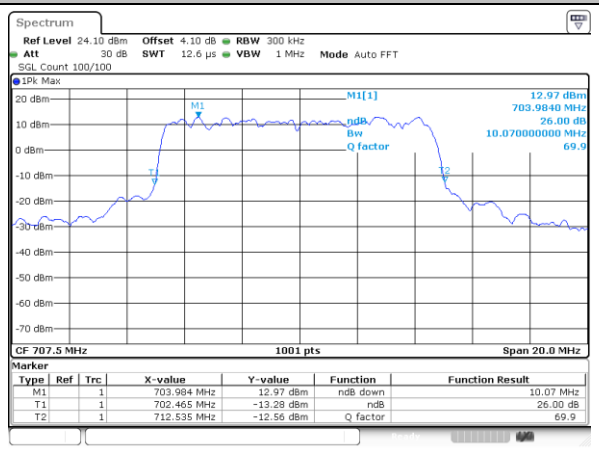
FR1 n12 / 10MHz / CP OFDM

QPSK

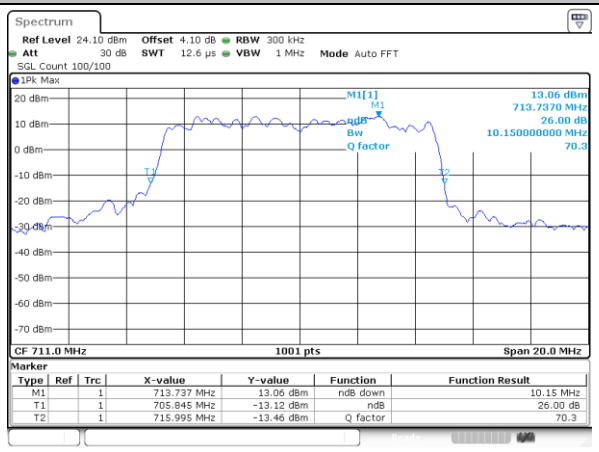
Lowest Channel



Middle Channel

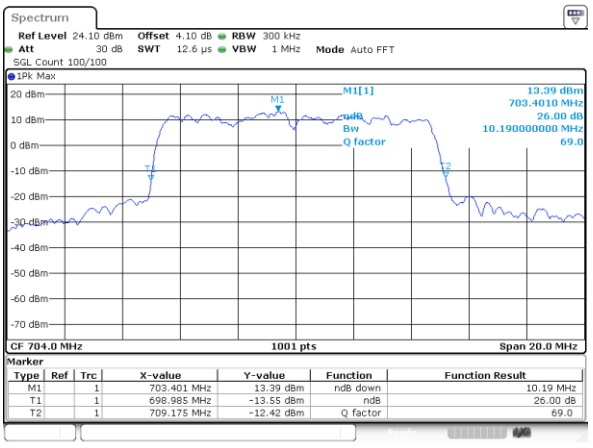


Highest Channel

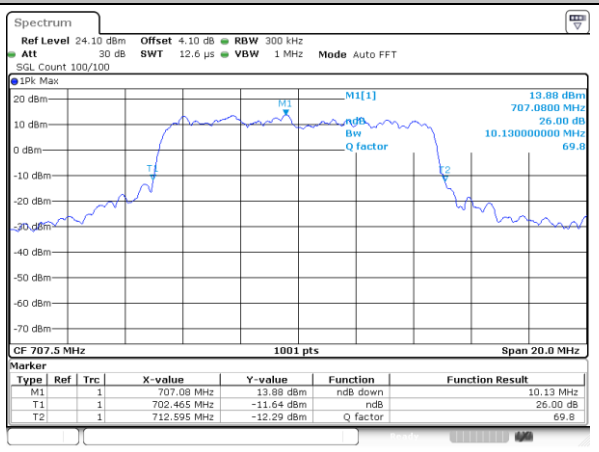


16QAM

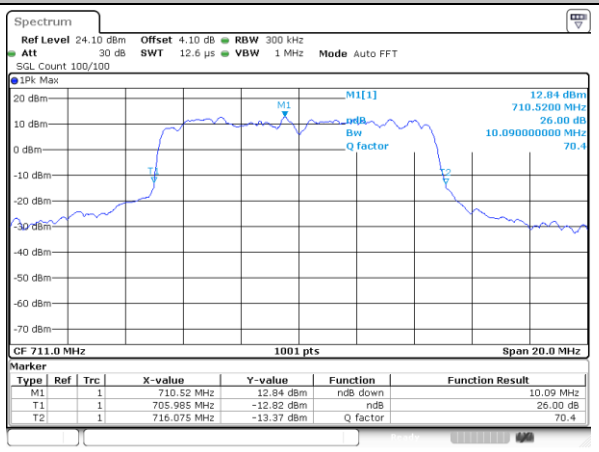
Lowest Channel



Middle Channel



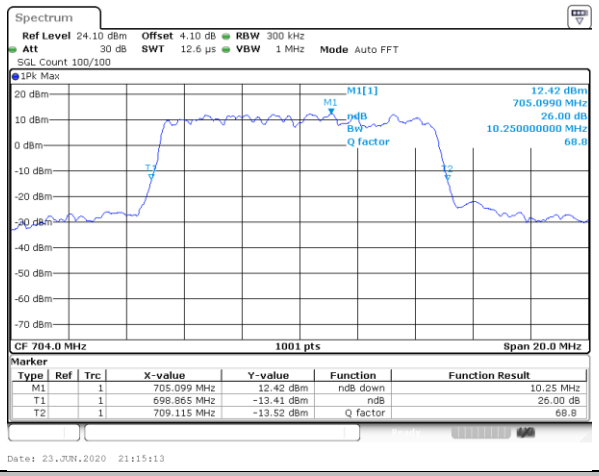
Highest Channel



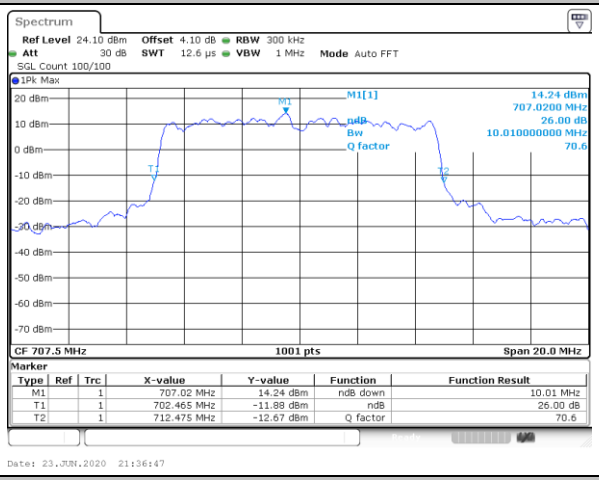
FR1 n12 / 10MHz / CP OFDM

64QAM

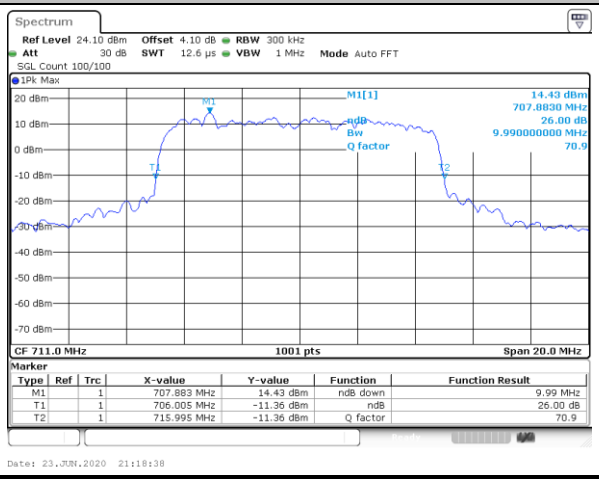
Lowest Channel



Middle Channel

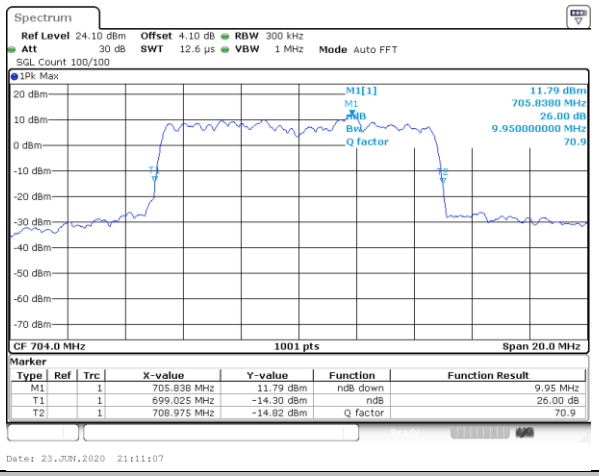


Highest Channel

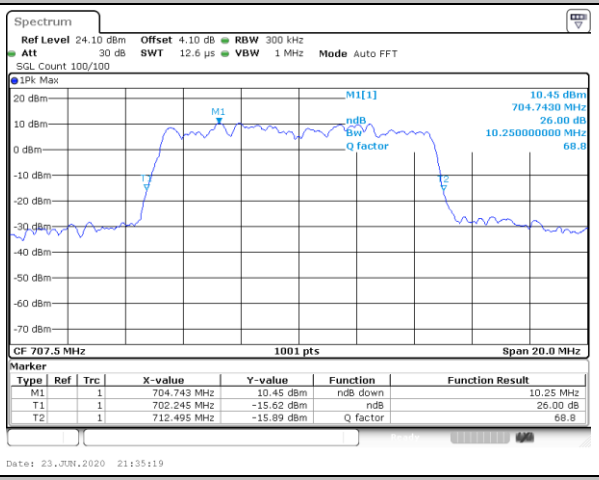


256QAM

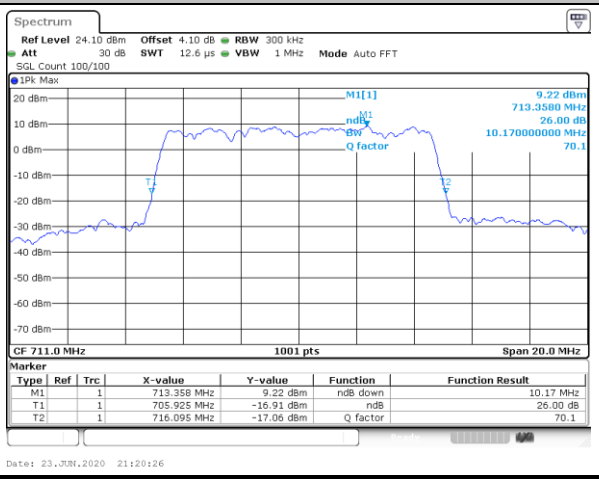
Lowest Channel



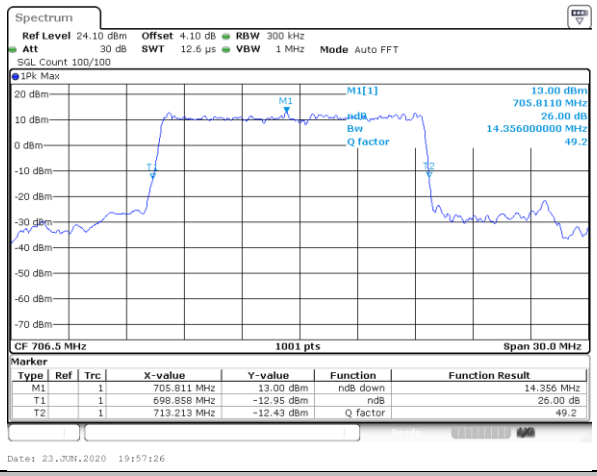
Middle Channel



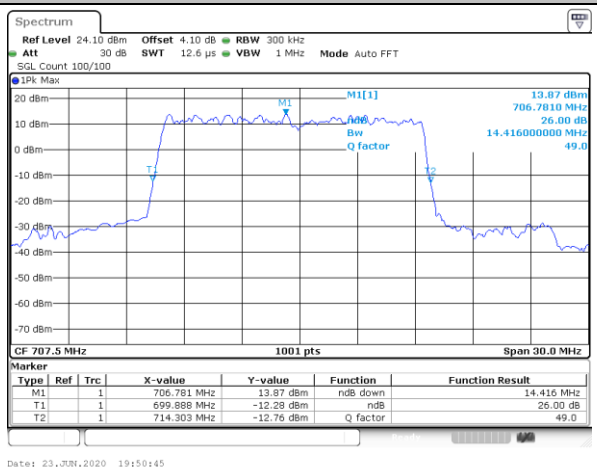
Highest Channel



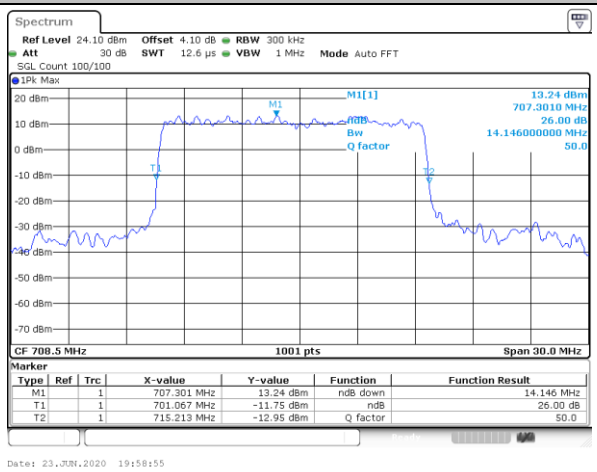
FR1 n12 / 15MHz / DFT-S OFDM	
PI/2 BPSK	
Lowest Channel	



Middle Channel	



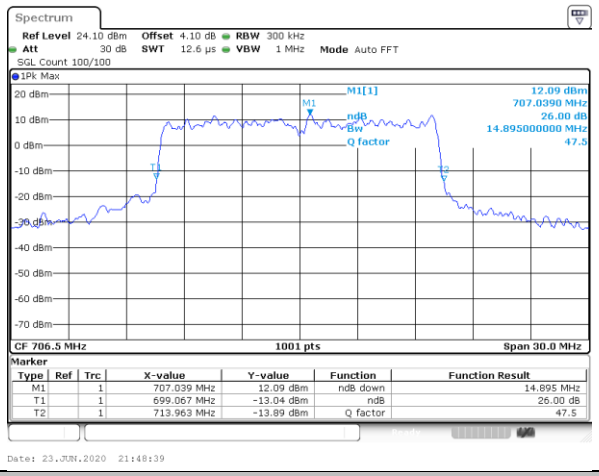
Highest Channel	



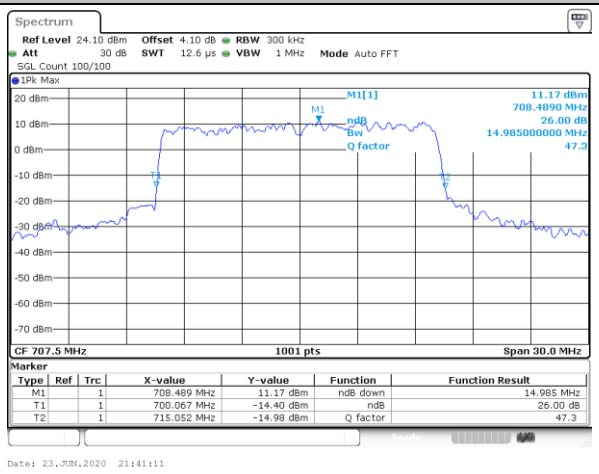
FR1 n12 / 15MHz / CP OFDM

QPSK

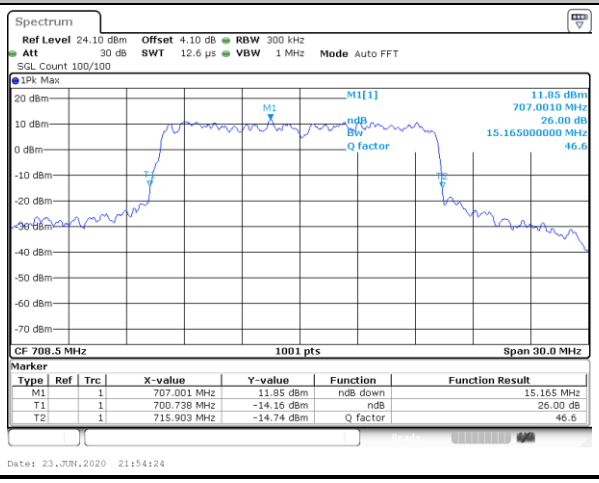
Lowest Channel



Middle Channel

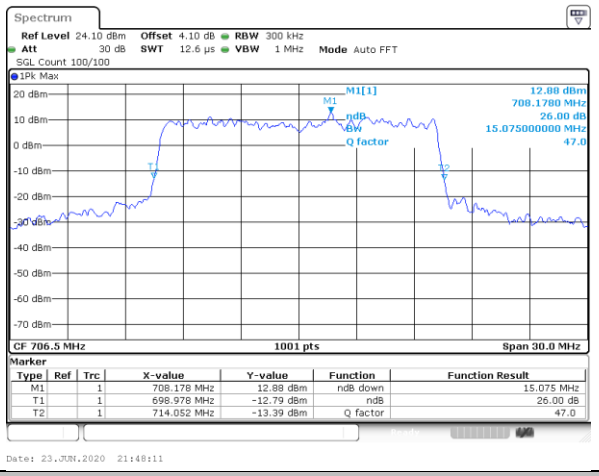


Highest Channel

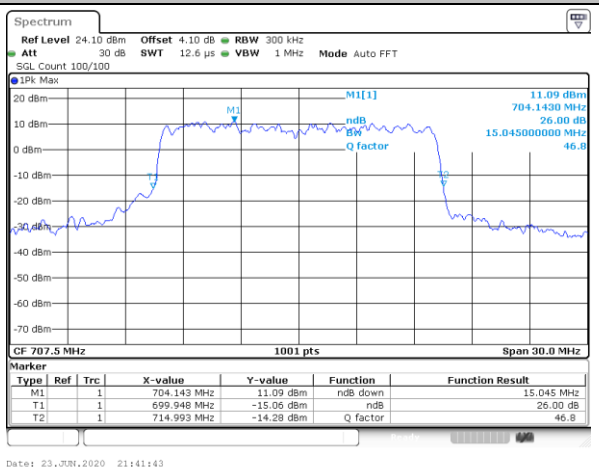
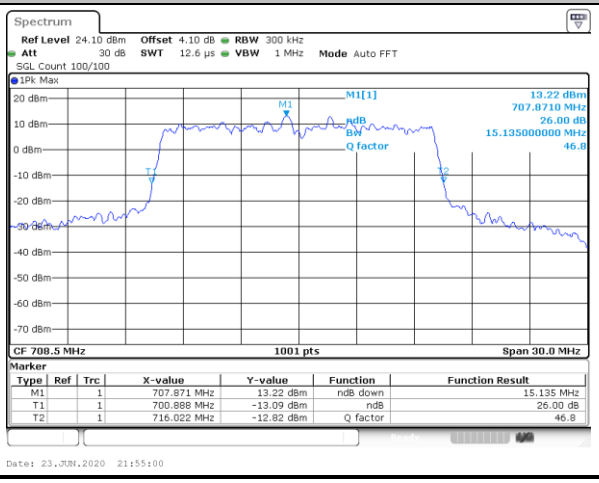


16QAM

Lowest Channel



Middle Channel



Highest Channel