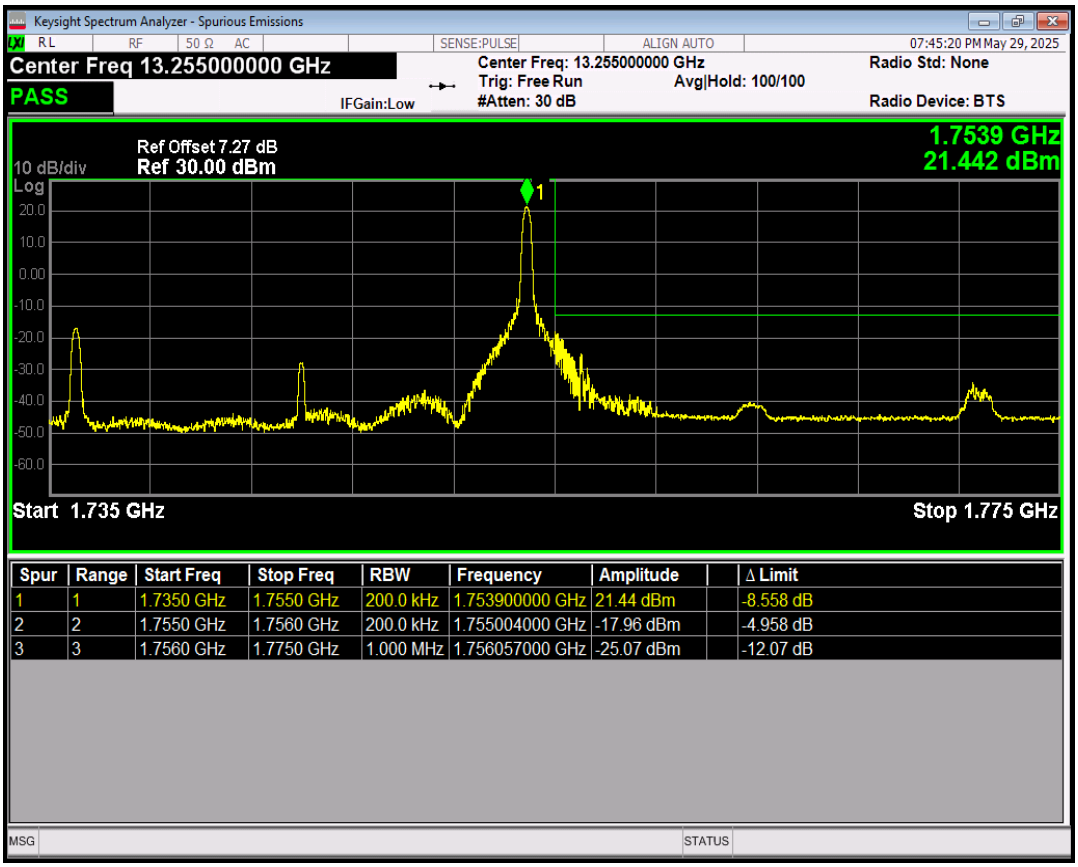
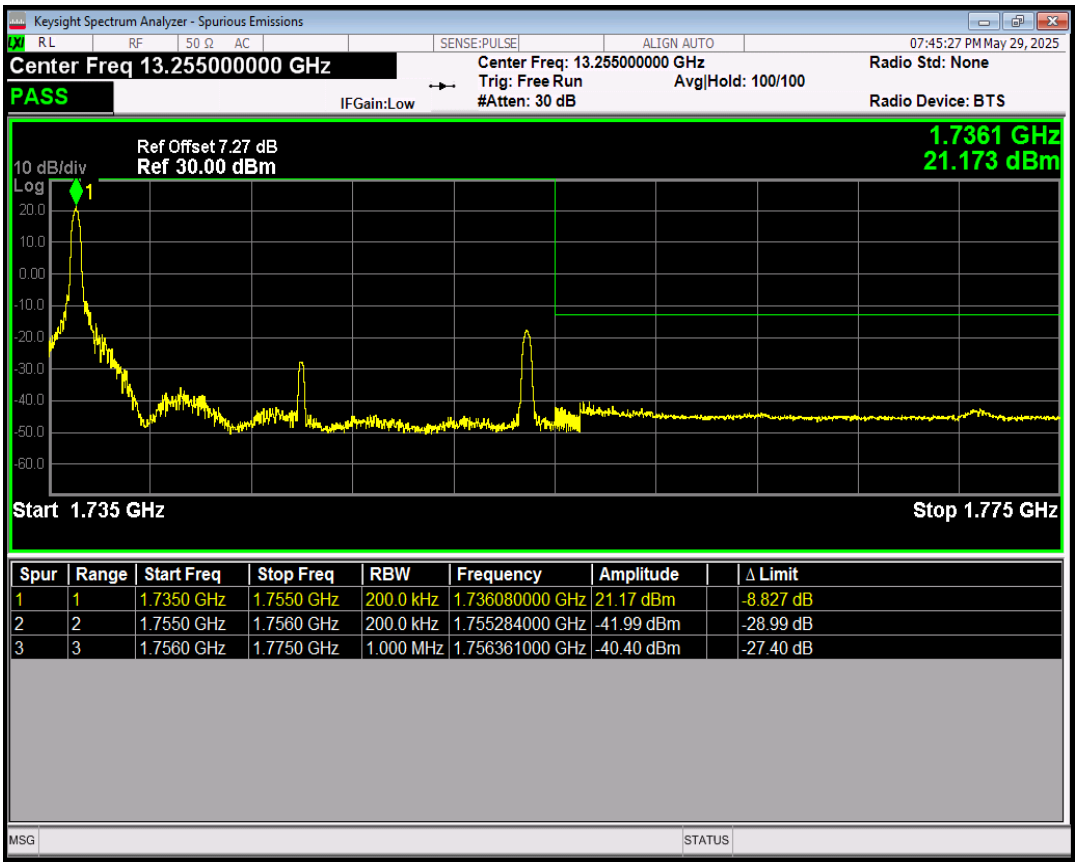
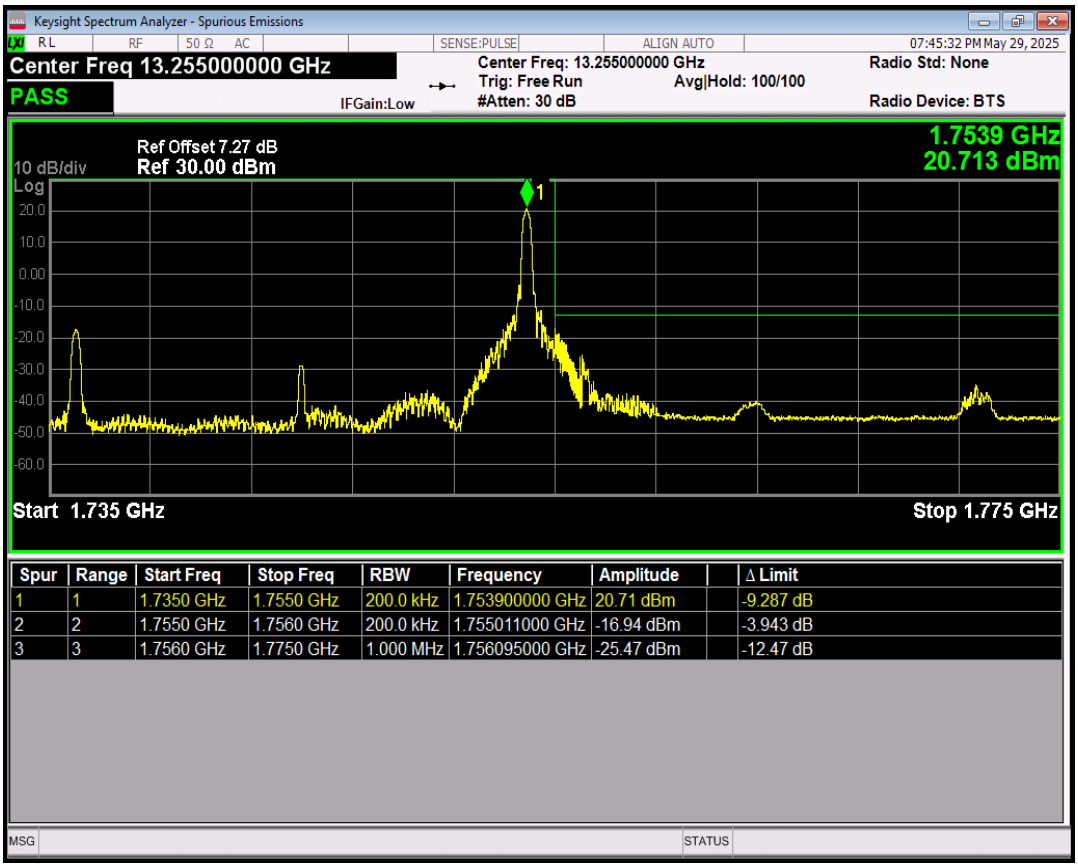


Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#0

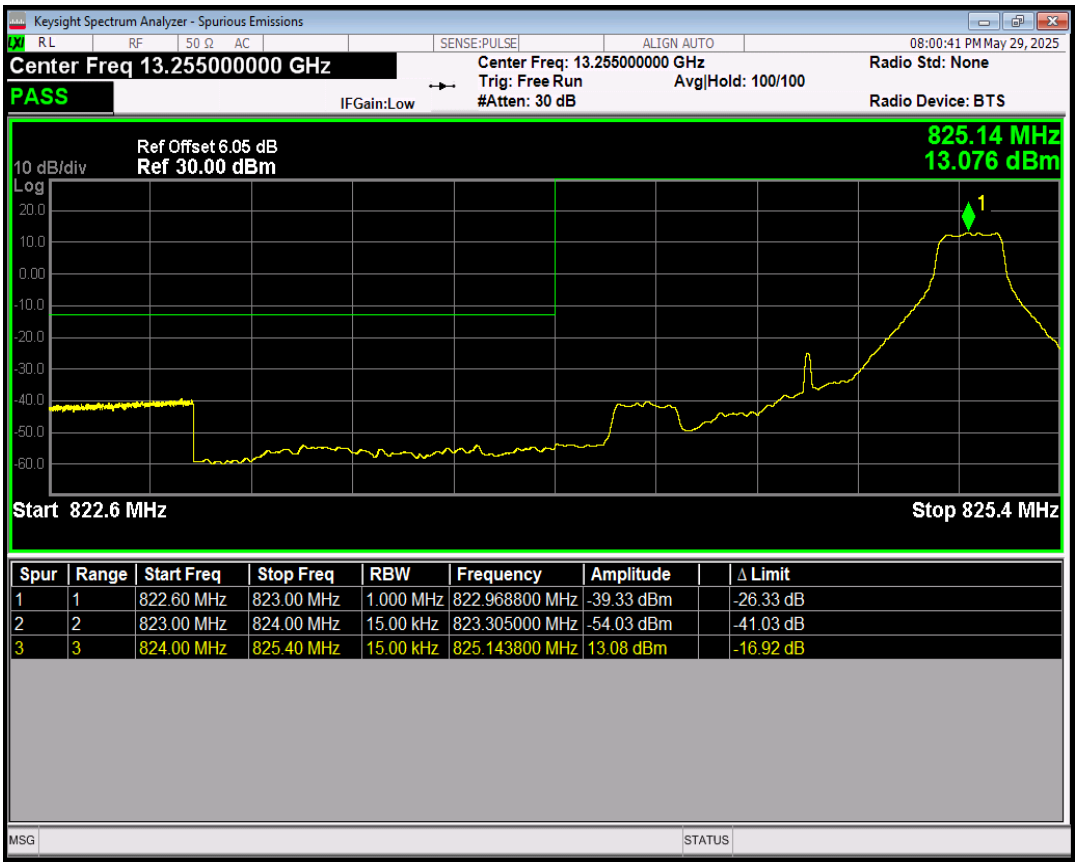


Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#Max



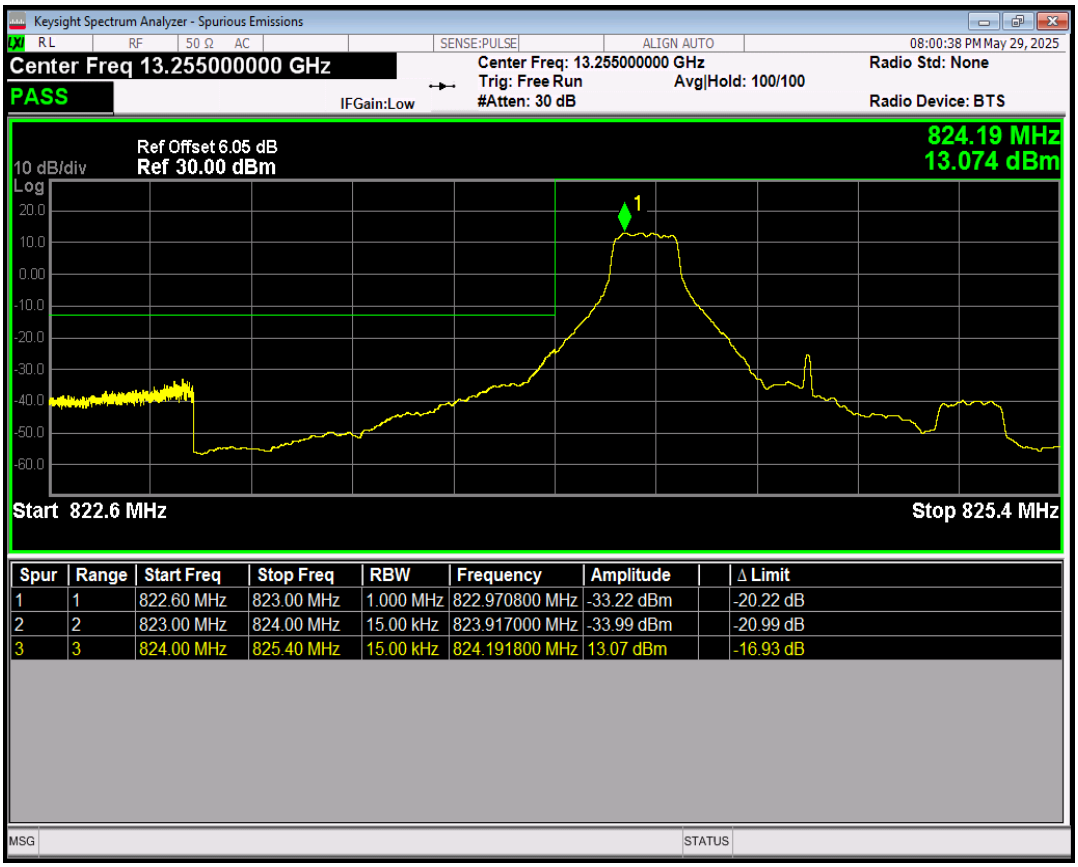
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude		Δ Limit
1	1	1.7350 GHz	1.7550 GHz	200.0 kHz	1.753900000 GHz	20.71 dBm		-9.287 dB
2	2	1.7550 GHz	1.7560 GHz	200.0 kHz	1.755011000 GHz	-16.94 dBm		-3.943 dB
3	3	1.7560 GHz	1.7750 GHz	1.000 MHz	1.756095000 GHz	-25.47 dBm		-12.47 dB

Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#Max

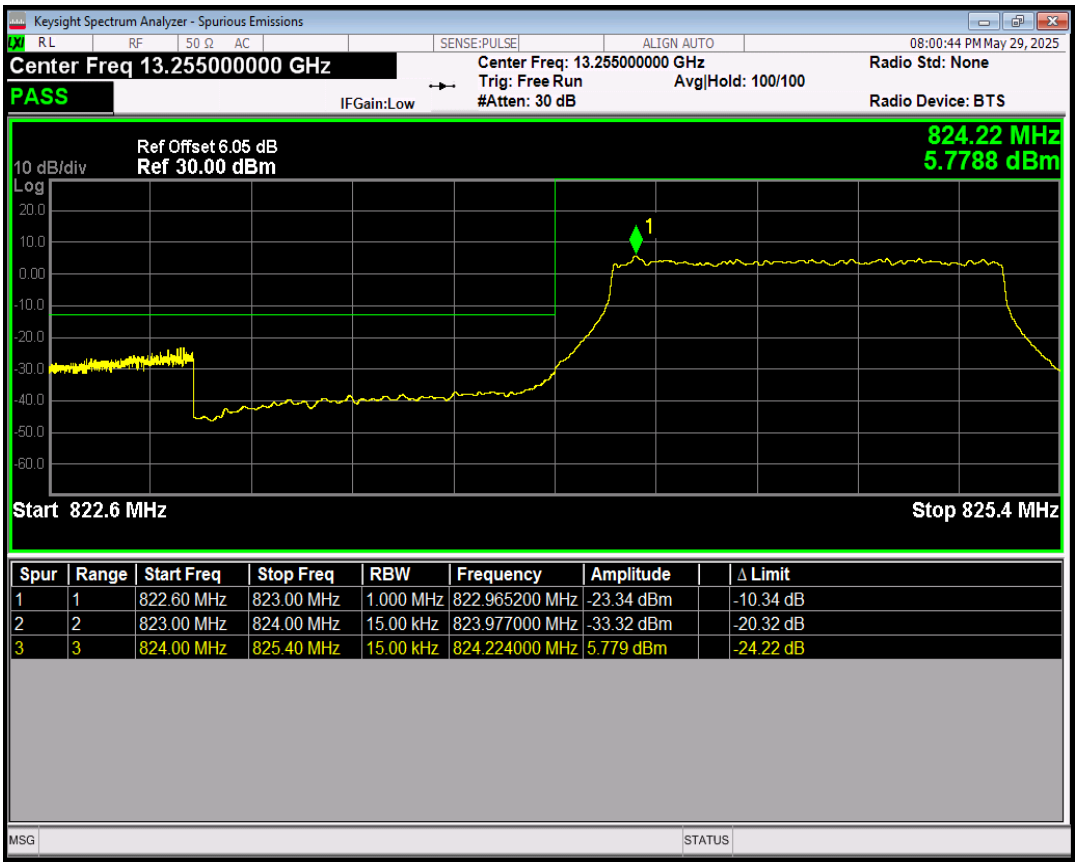


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude		Δ Limit
1	1	822.60 MHz	823.00 MHz	1.000 MHz	822.968800 MHz	-39.33 dBm		-26.33 dB
2	2	823.00 MHz	824.00 MHz	15.00 kHz	823.305000 MHz	-54.03 dBm		-41.03 dB
3	3	824.00 MHz	825.40 MHz	15.00 kHz	825.143800 MHz	13.08 dBm		-16.92 dB

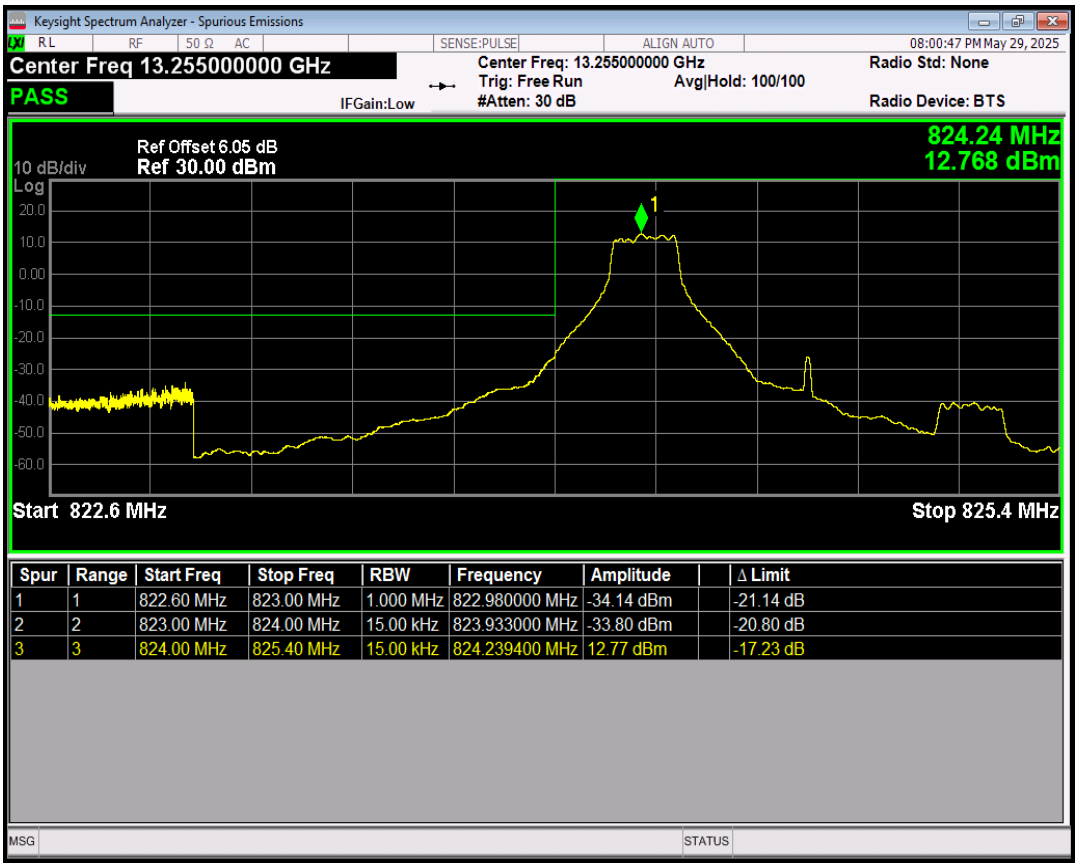
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0



Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0

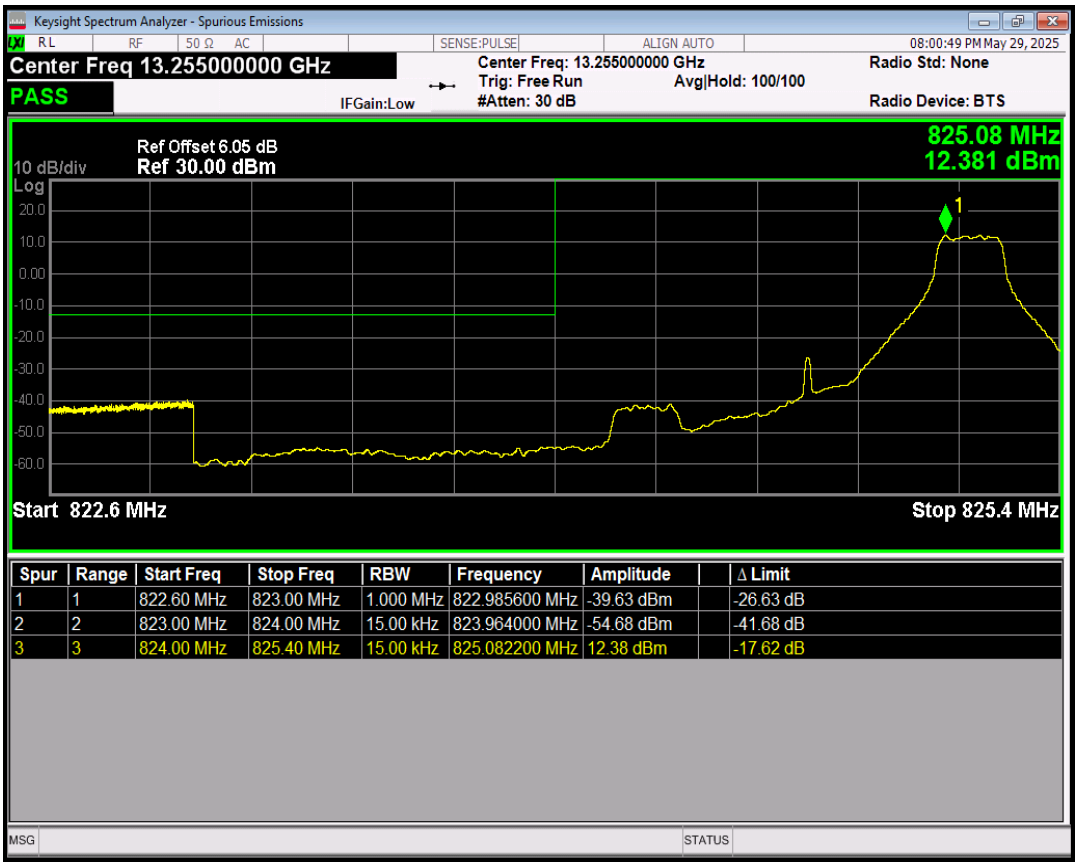


Band5 64QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0



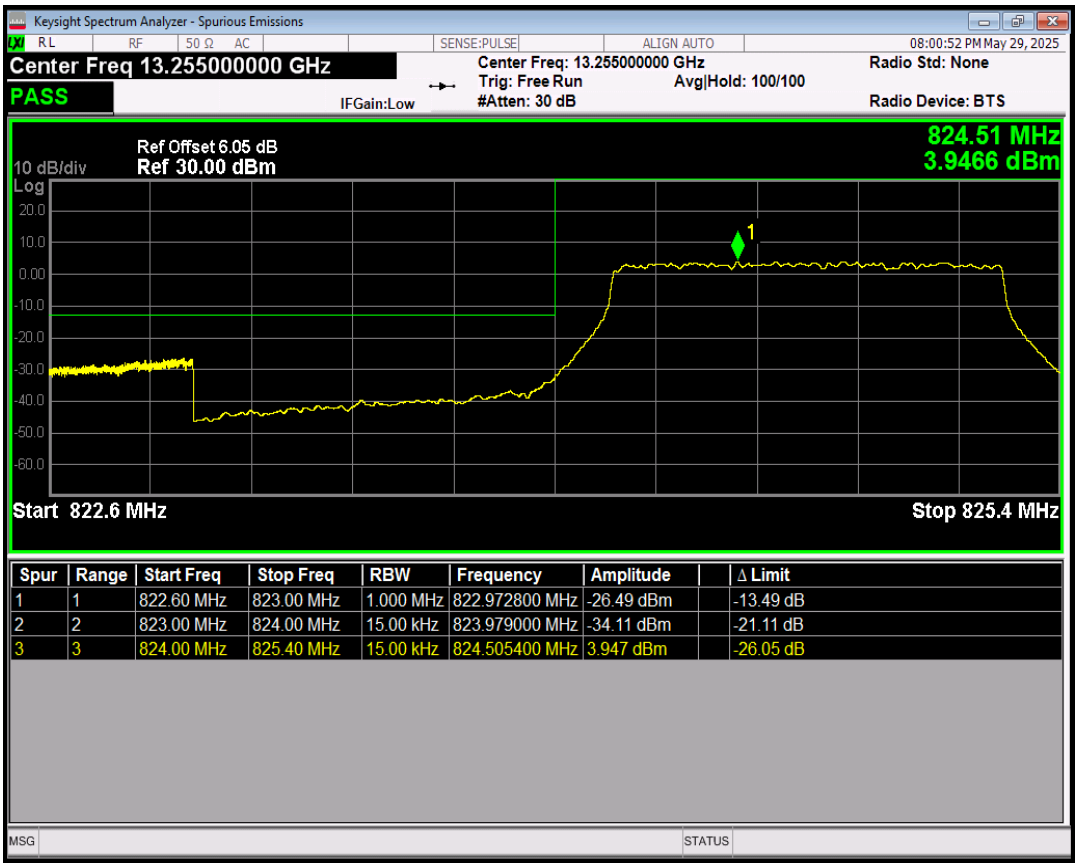
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	822.60 MHz	823.00 MHz	1.000 MHz	822.980000 MHz	-34.14 dBm	-21.14 dB
2	2	823.00 MHz	824.00 MHz	15.00 kHz	823.933000 MHz	-33.80 dBm	-20.80 dB
3	3	824.00 MHz	825.40 MHz	15.00 kHz	824.239400 MHz	12.77 dBm	-17.23 dB

Band5 64QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#Max

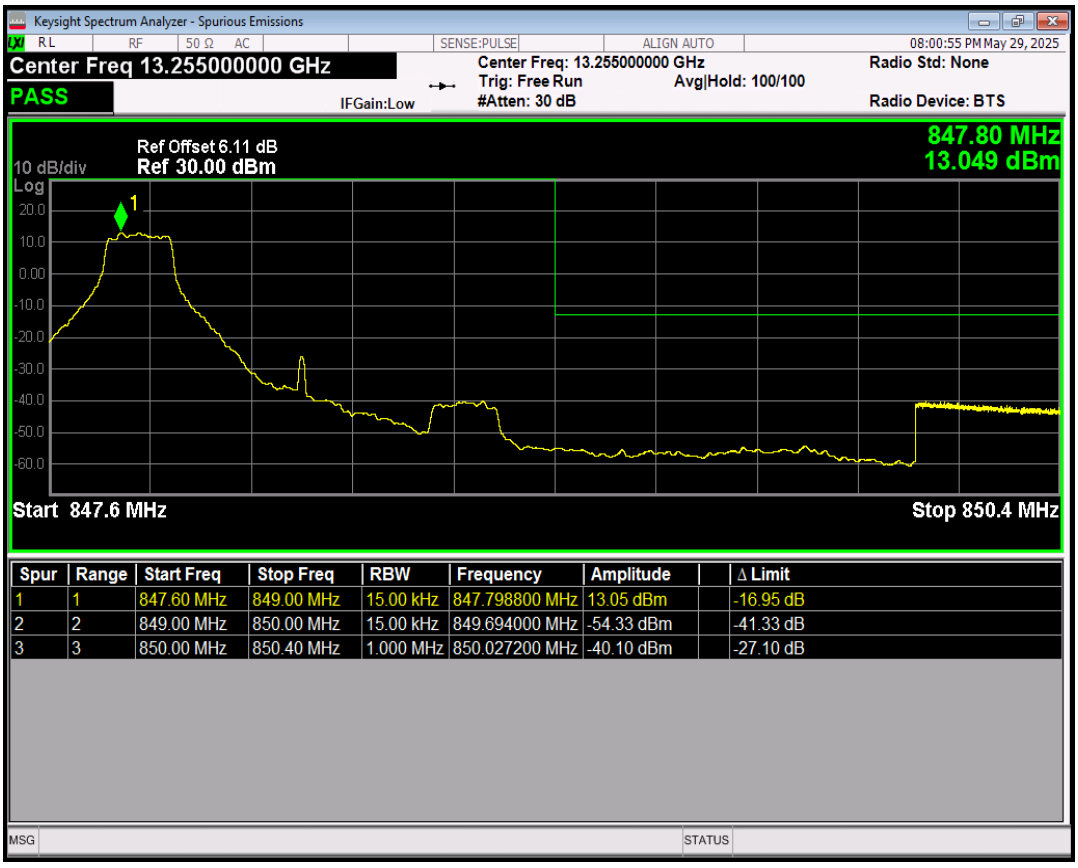


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	822.60 MHz	823.00 MHz	1.000 MHz	822.985600 MHz	-39.63 dBm	-26.63 dB
2	2	823.00 MHz	824.00 MHz	15.00 kHz	823.964000 MHz	-54.68 dBm	-41.68 dB
3	3	824.00 MHz	825.40 MHz	15.00 kHz	825.082200 MHz	12.38 dBm	-17.62 dB

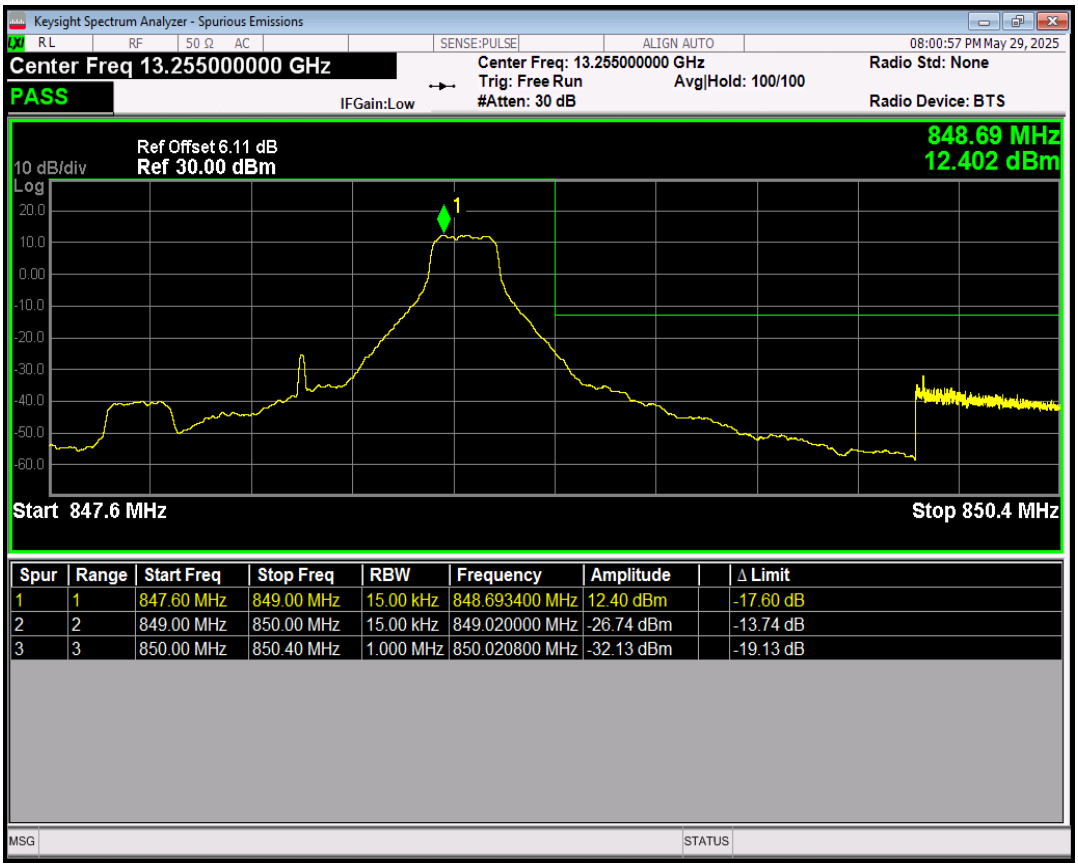
Band5 64QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0

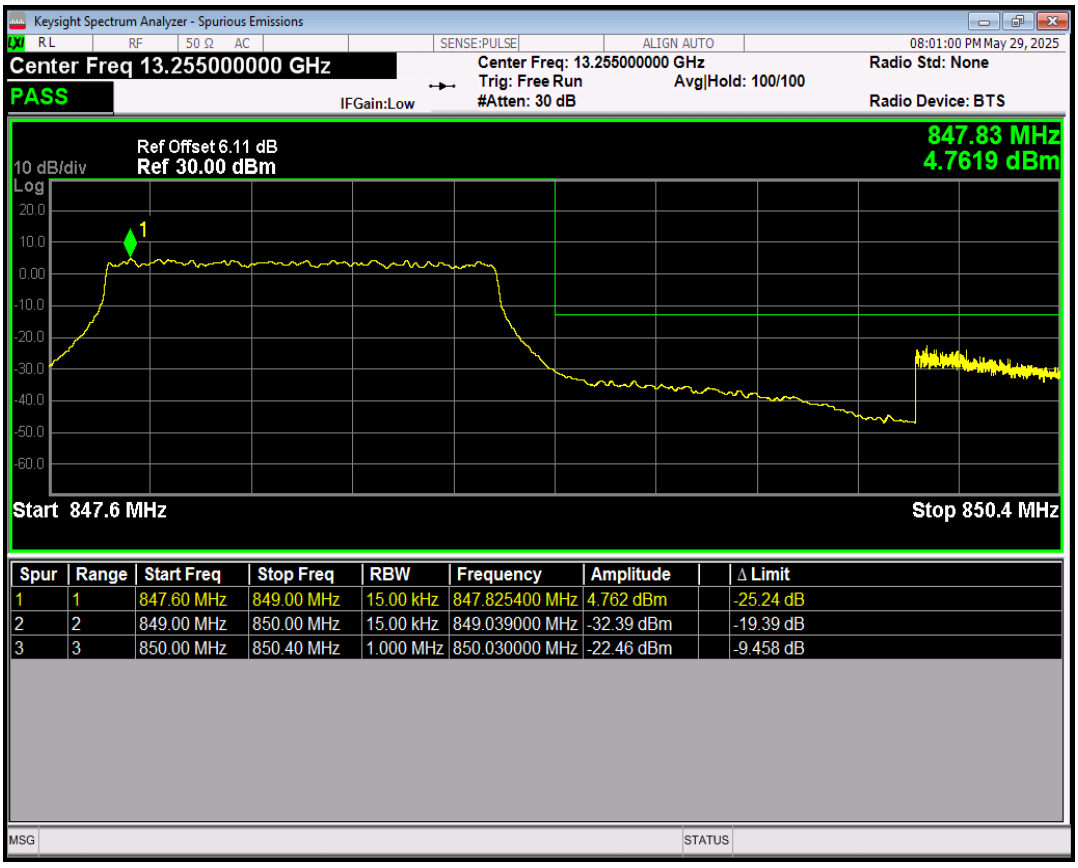


Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#Max



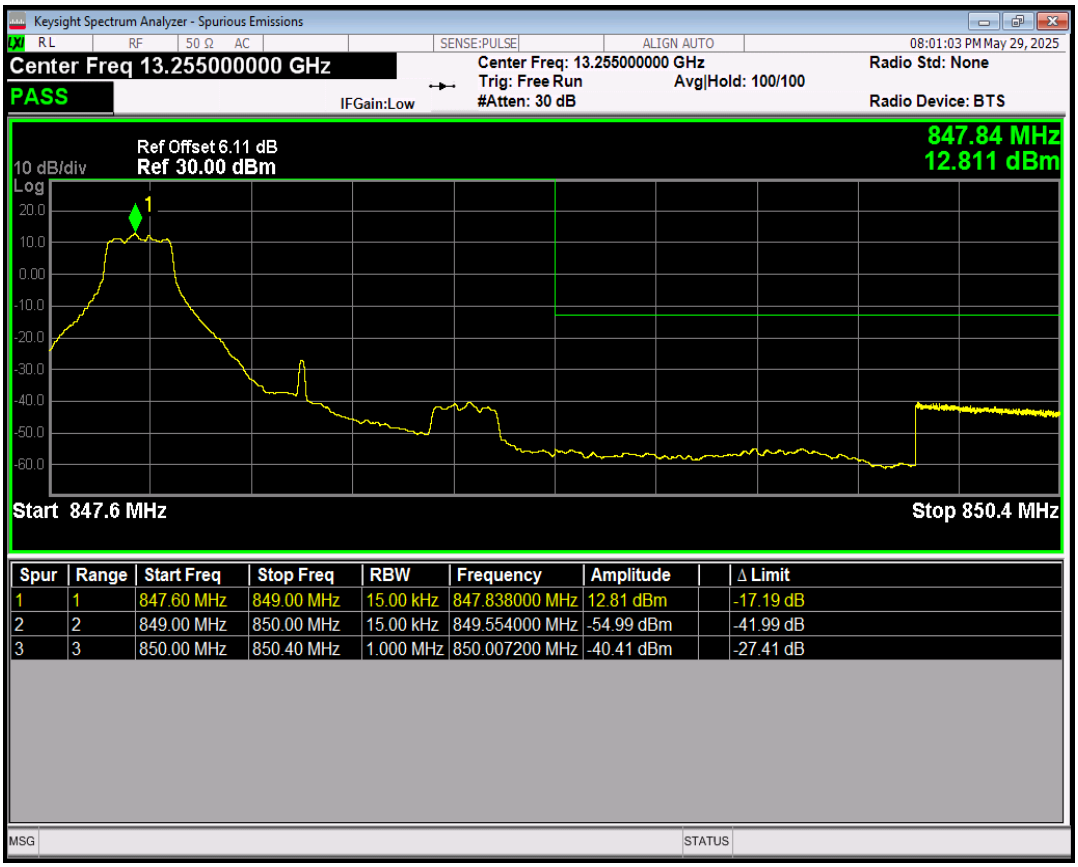
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	847.60 MHz	849.00 MHz	15.00 kHz	848.693400 MHz	12.40 dBm	-17.60 dB
2	2	849.00 MHz	850.00 MHz	15.00 kHz	849.020000 MHz	-26.74 dBm	-13.74 dB
3	3	850.00 MHz	850.40 MHz	1.000 MHz	850.020800 MHz	-32.13 dBm	-19.13 dB

Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



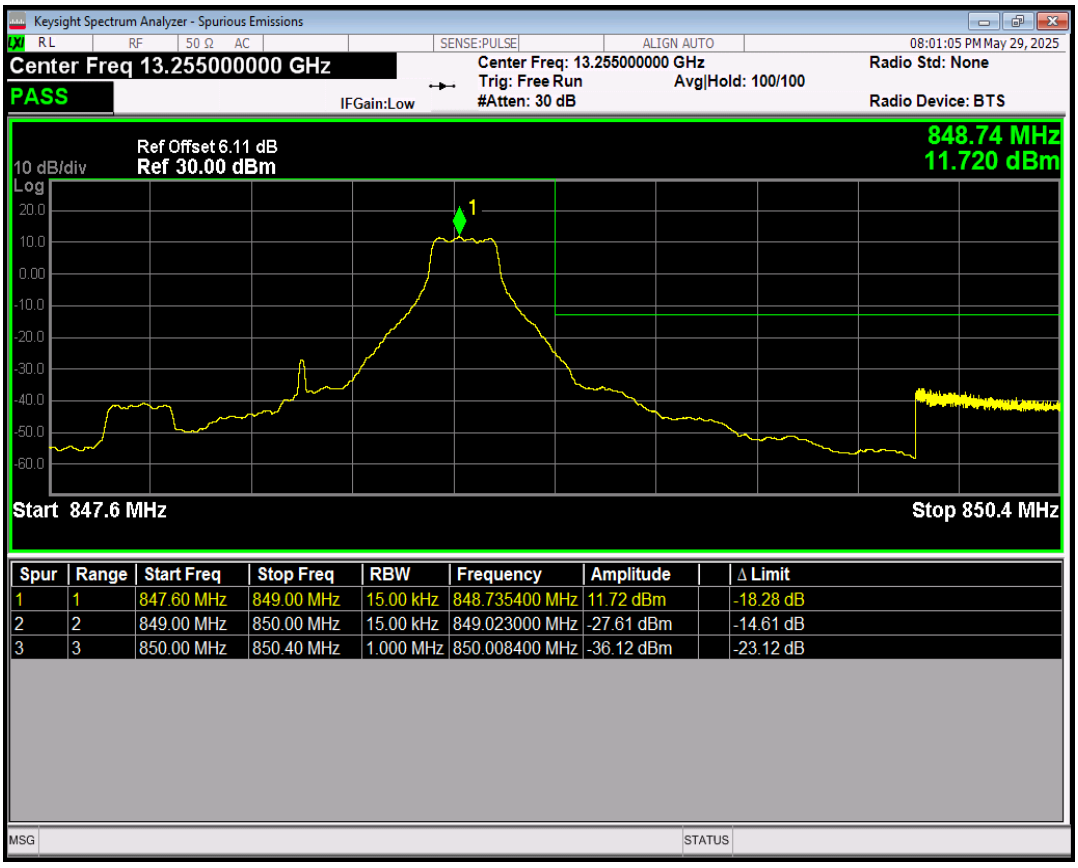
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	847.60 MHz	849.00 MHz	15.00 kHz	847.825400 MHz	4.762 dBm	-25.24 dB
2	2	849.00 MHz	850.00 MHz	15.00 kHz	849.039000 MHz	-32.39 dBm	-19.39 dB
3	3	850.00 MHz	850.40 MHz	1.000 MHz	850.030000 MHz	-22.46 dBm	-9.458 dB

Band5 64QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0



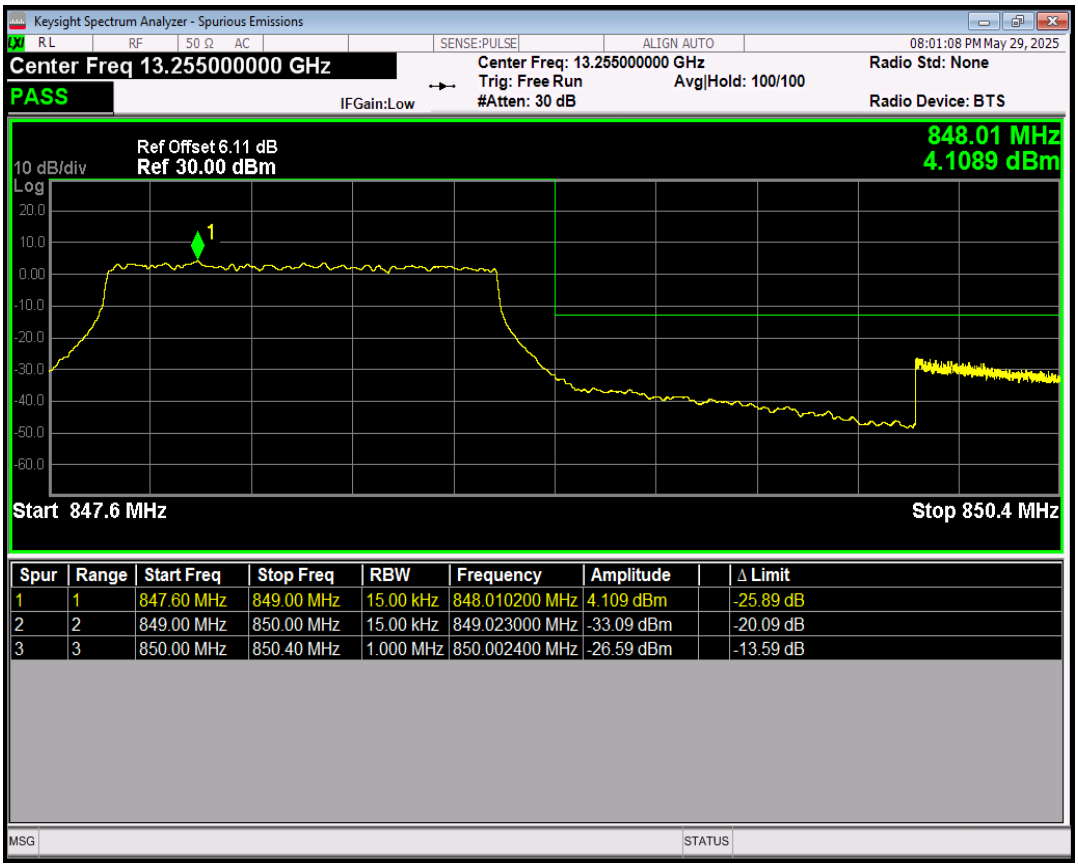
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	847.60 MHz	849.00 MHz	15.00 kHz	847.838000 MHz	12.81 dBm	-17.19 dB
2	2	849.00 MHz	850.00 MHz	15.00 kHz	849.554000 MHz	-54.99 dBm	-41.99 dB
3	3	850.00 MHz	850.40 MHz	1.000 MHz	850.007200 MHz	-40.41 dBm	-27.41 dB

Band5 64QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#Max

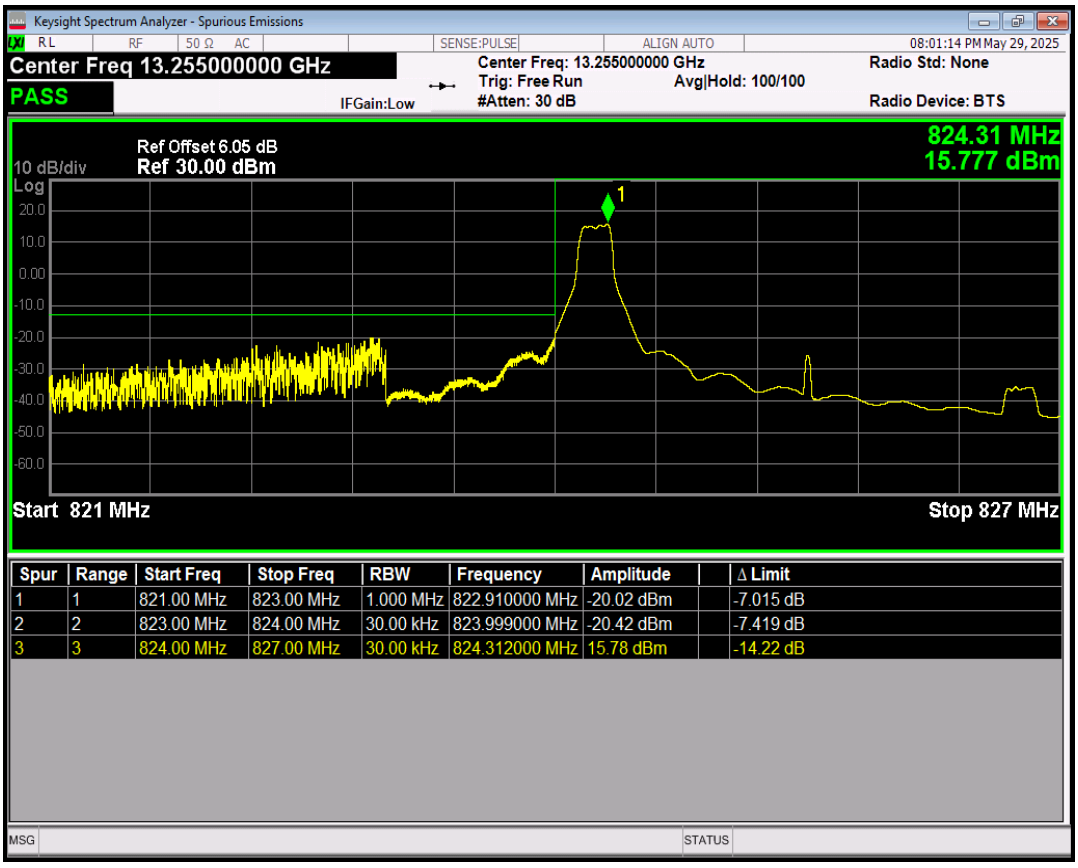


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	847.60 MHz	849.00 MHz	15.00 kHz	848.735400 MHz	11.72 dBm	-18.28 dB
2	2	849.00 MHz	850.00 MHz	15.00 kHz	849.023000 MHz	-27.61 dBm	-14.61 dB
3	3	850.00 MHz	850.40 MHz	1.000 MHz	850.008400 MHz	-36.12 dBm	-23.12 dB

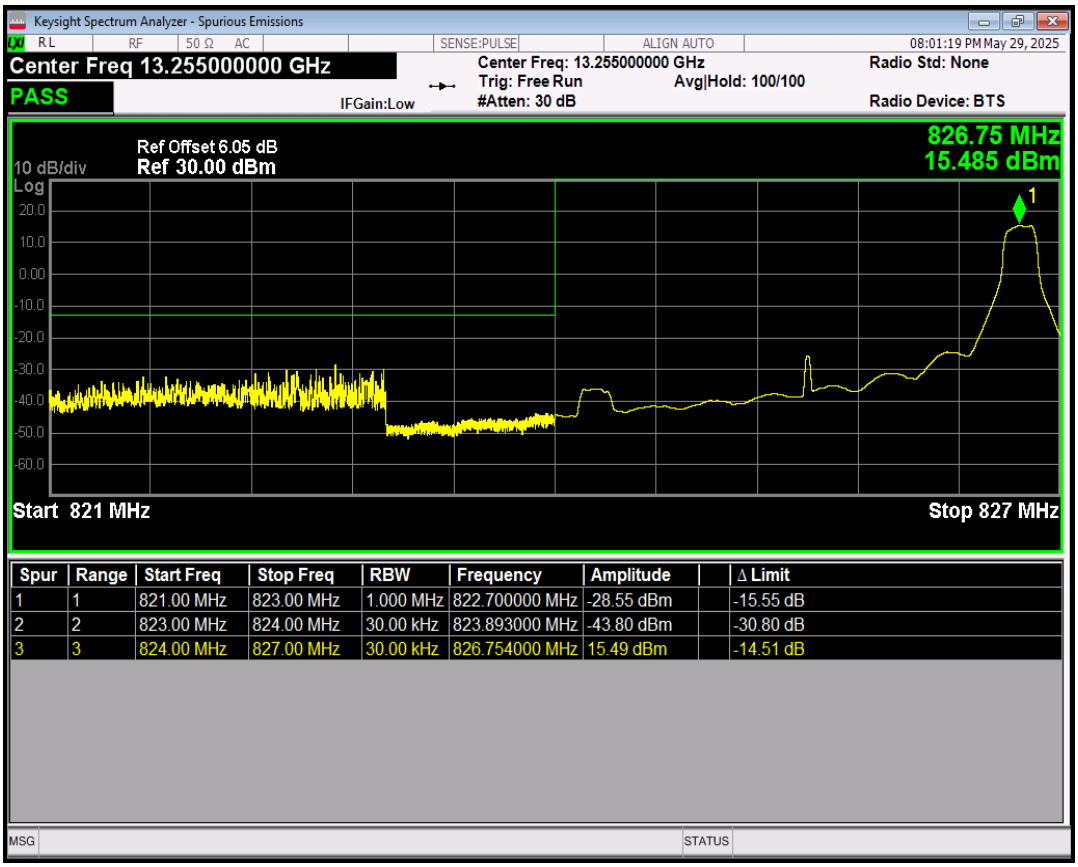
Band5 64QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0

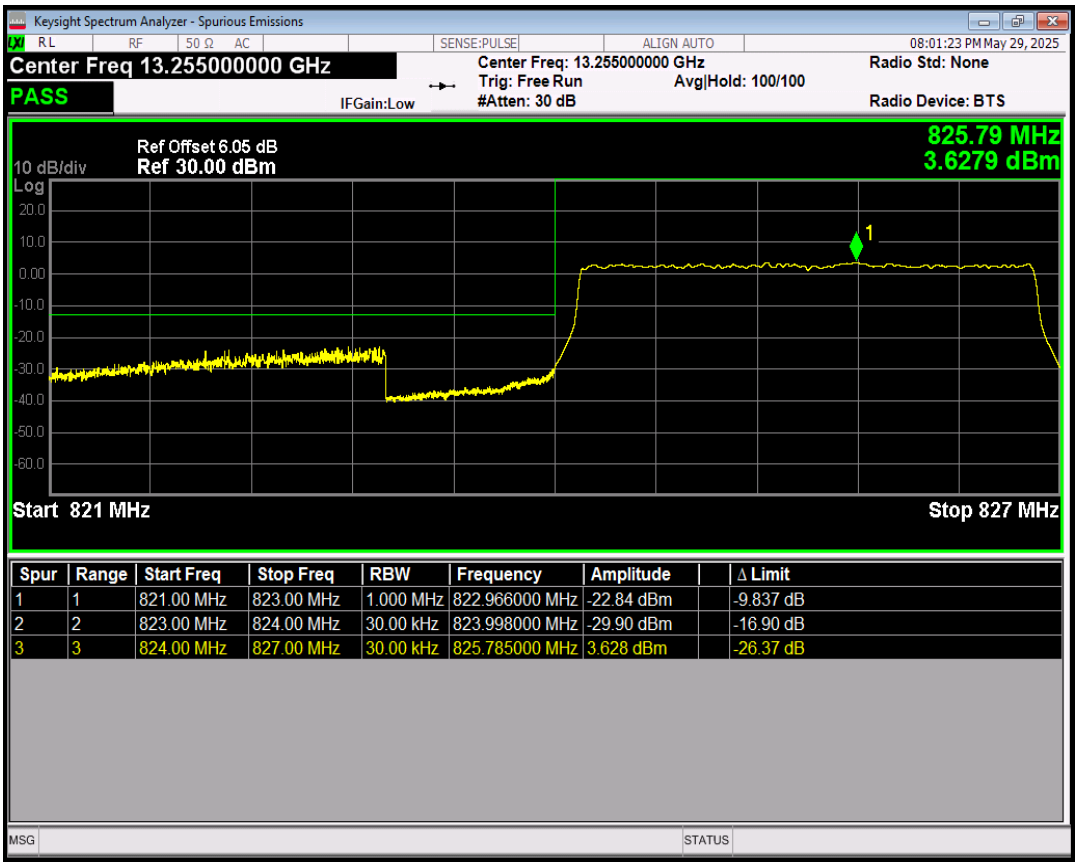


Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#Max



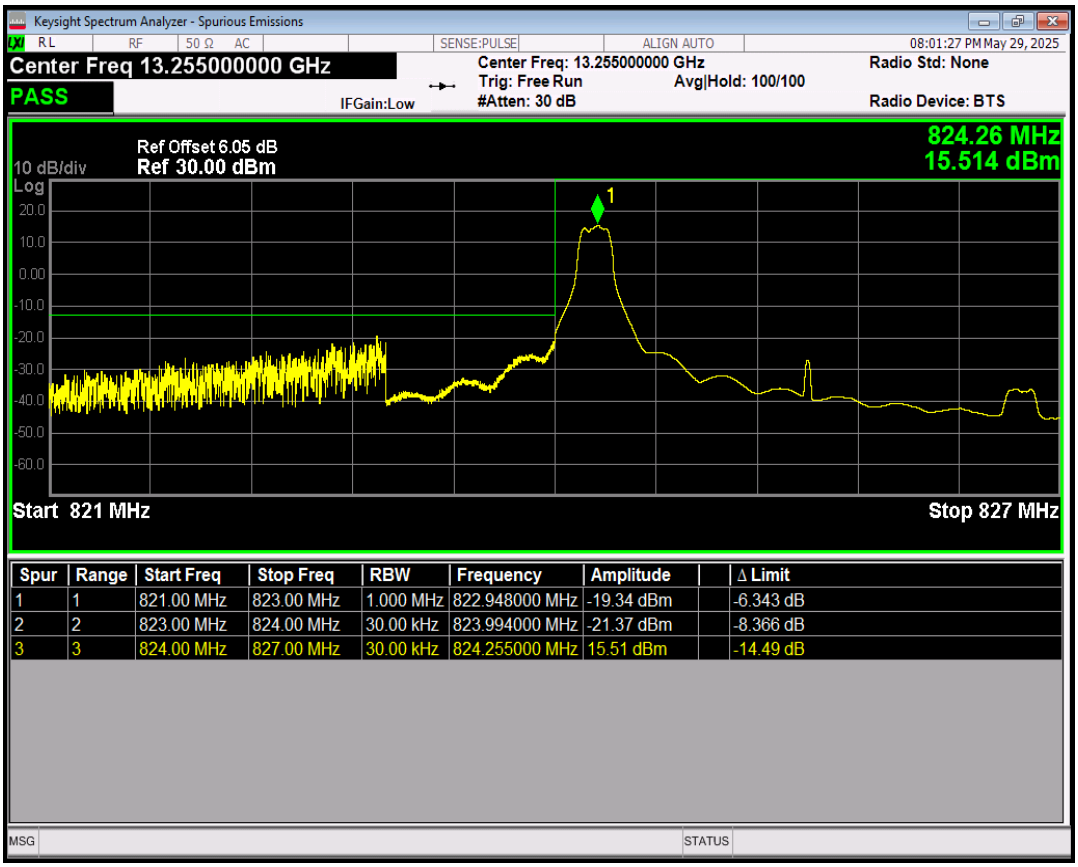
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	821.00 MHz	823.00 MHz	1.000 MHz	822.700000 MHz	-28.55 dBm	-15.55 dB
2	2	823.00 MHz	824.00 MHz	30.00 kHz	823.893000 MHz	-43.80 dBm	-30.80 dB
3	3	824.00 MHz	827.00 MHz	30.00 kHz	826.754000 MHz	15.49 dBm	-14.51 dB

Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0

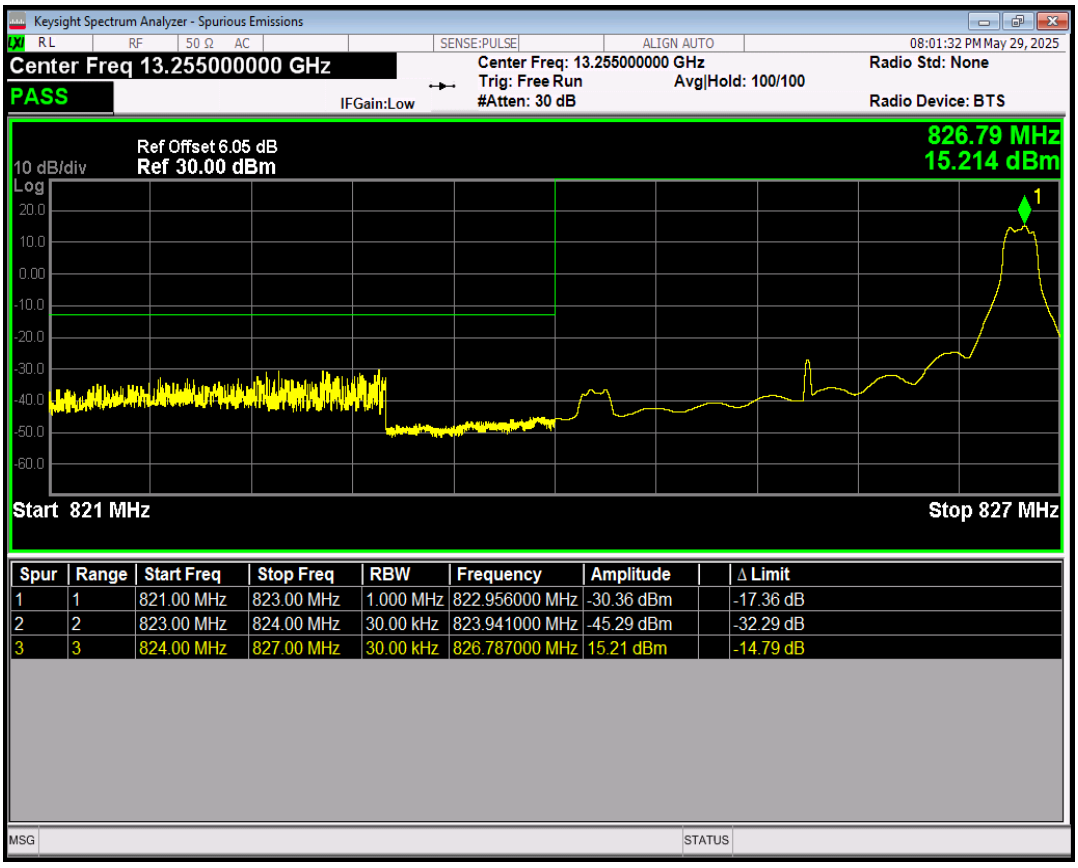


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	821.00 MHz	823.00 MHz	1.000 MHz	822.966000 MHz	-22.84 dBm	-9.837 dB
2	2	823.00 MHz	824.00 MHz	30.00 kHz	823.998000 MHz	-29.90 dBm	-16.90 dB
3	3	824.00 MHz	827.00 MHz	30.00 kHz	825.785000 MHz	3.628 dBm	-26.37 dB

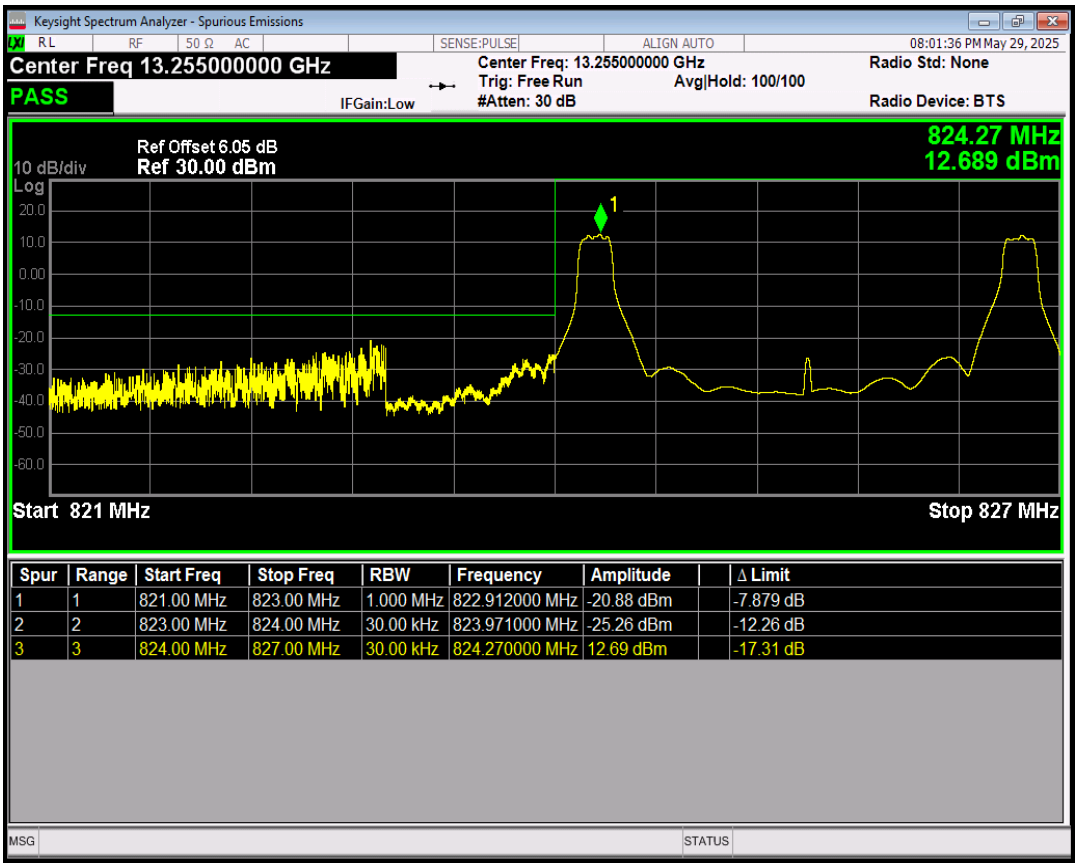
Band5 64QAM BW=3MHz Channel=20415 RB Size=1 Position=#0



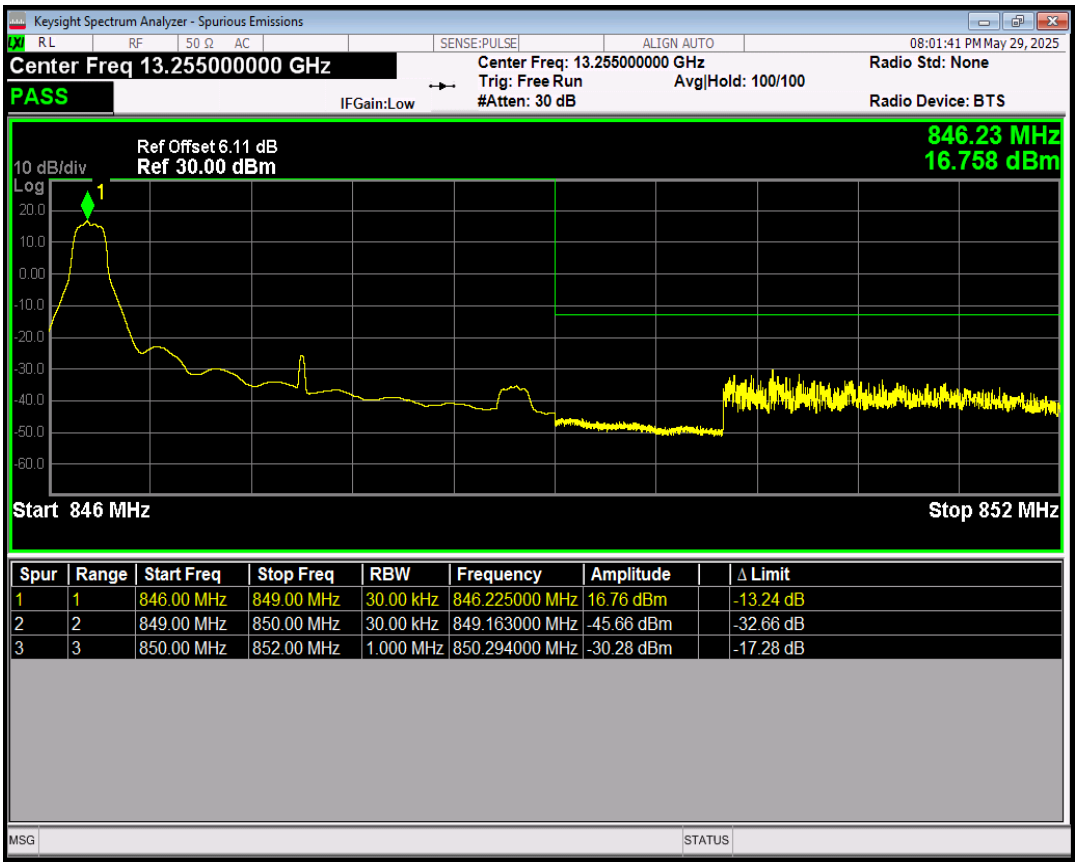
Band5 64QAM BW=3MHz Channel=20415 RB Size=1 Position=#Max



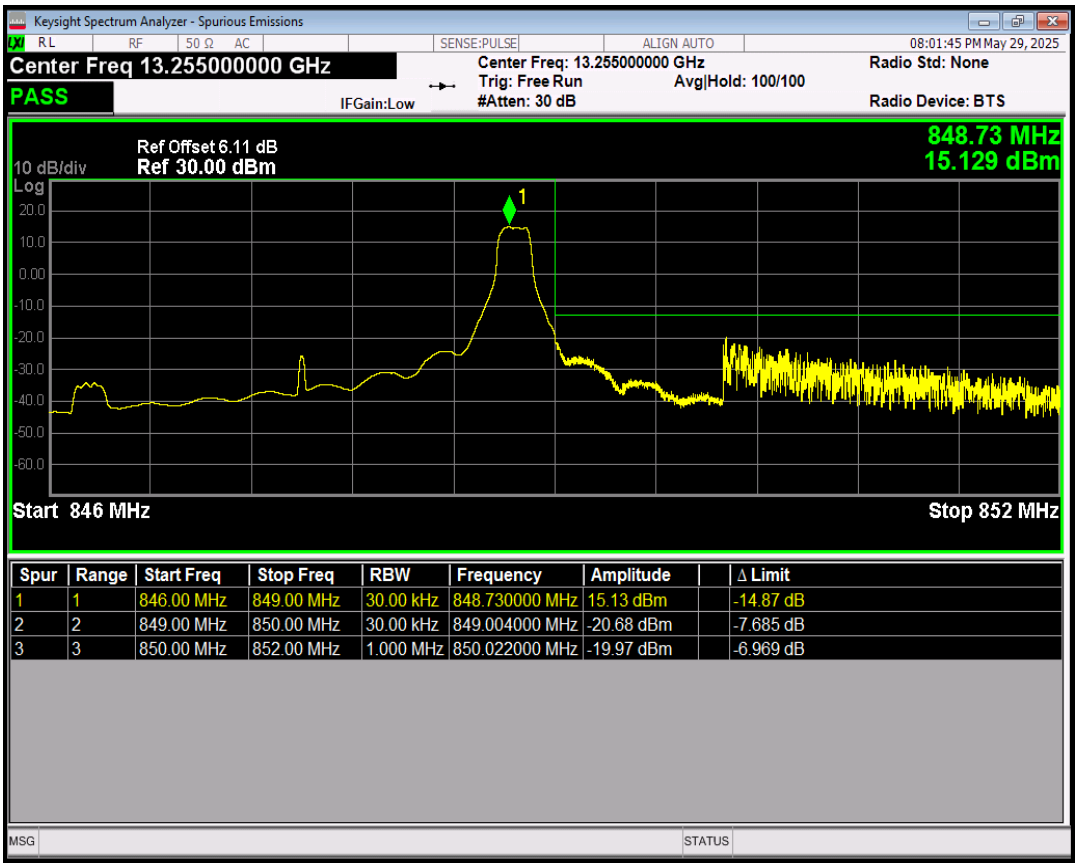
Band5 64QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



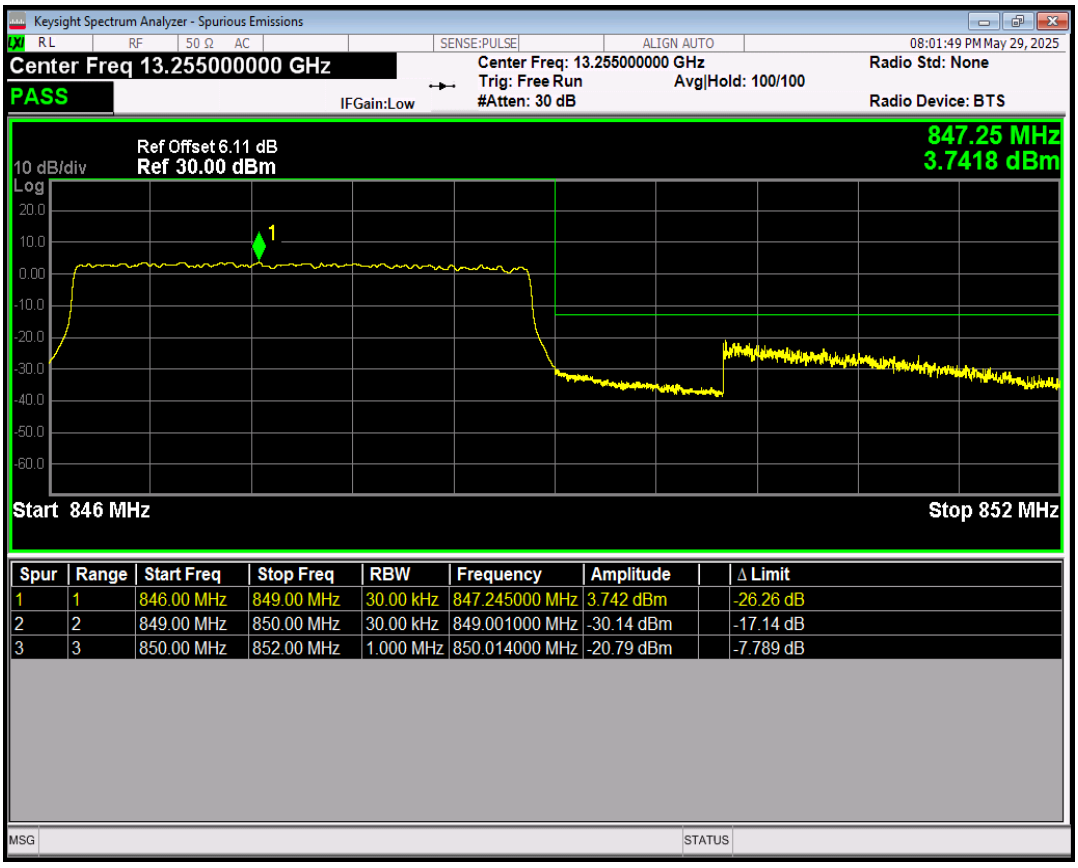
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0



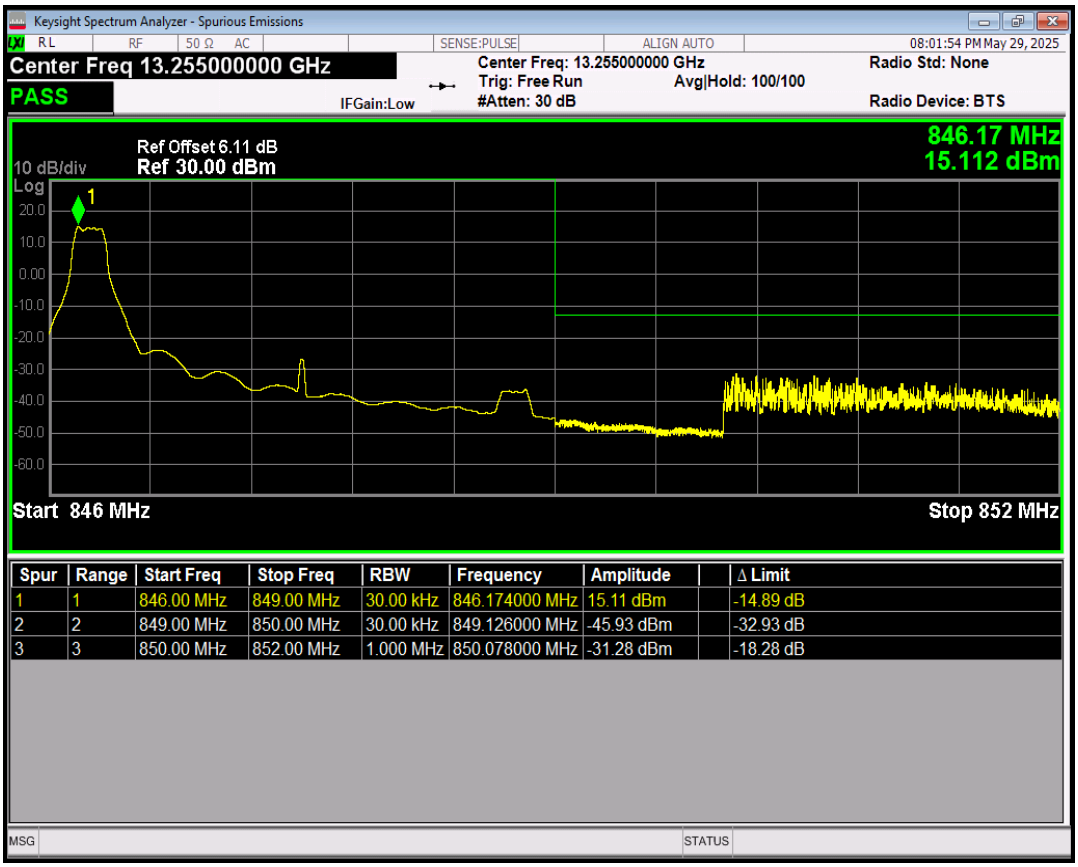
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#Max



Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0

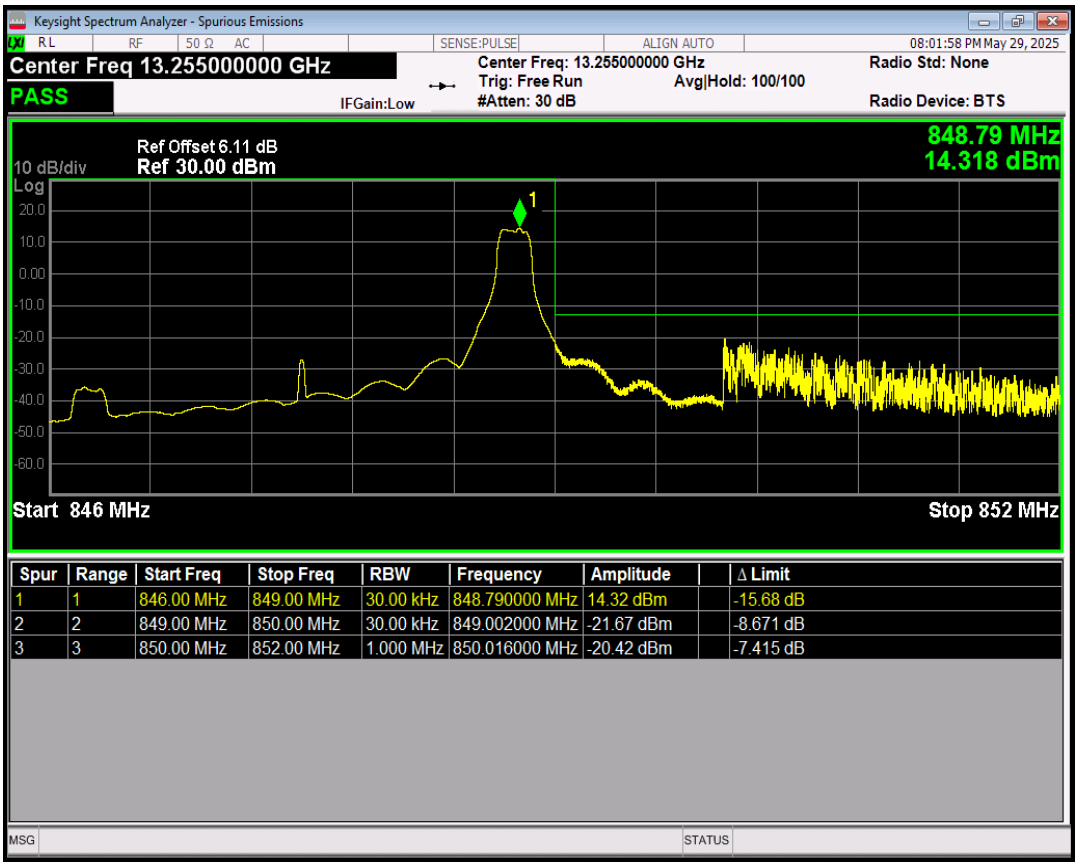


Band5 64QAM BW=3MHz Channel=20635 RB Size=1 Position=#0



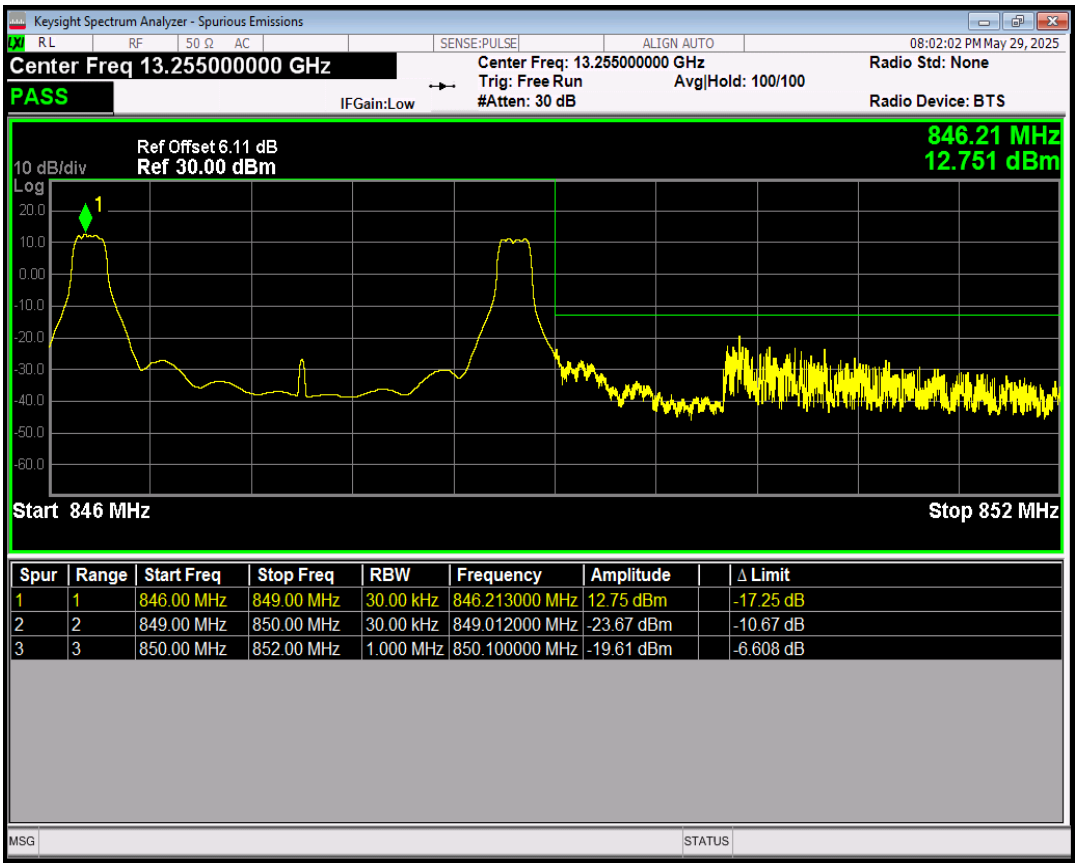
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	846.00 MHz	849.00 MHz	30.00 kHz	846.174000 MHz	15.11 dBm	-14.89 dB
2	2	849.00 MHz	850.00 MHz	30.00 kHz	849.126000 MHz	-45.93 dBm	-32.93 dB
3	3	850.00 MHz	852.00 MHz	1.000 MHz	850.078000 MHz	-31.28 dBm	-18.28 dB

Band5 64QAM BW=3MHz Channel=20635 RB Size=1 Position=#Max



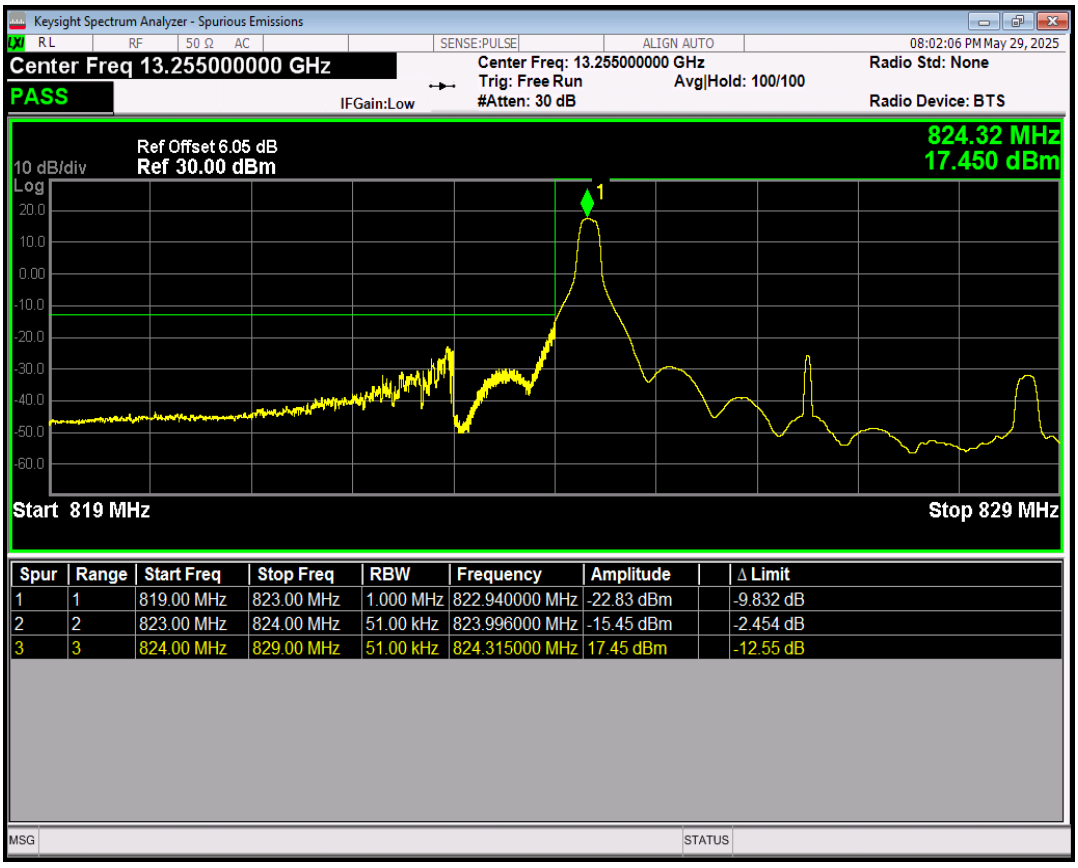
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	846.00 MHz	849.00 MHz	30.00 kHz	848.790000 MHz	14.32 dBm	-15.68 dB
2	2	849.00 MHz	850.00 MHz	30.00 kHz	849.002000 MHz	-21.67 dBm	-8.671 dB
3	3	850.00 MHz	852.00 MHz	1.000 MHz	850.016000 MHz	-20.42 dBm	-7.415 dB

Band5 64QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



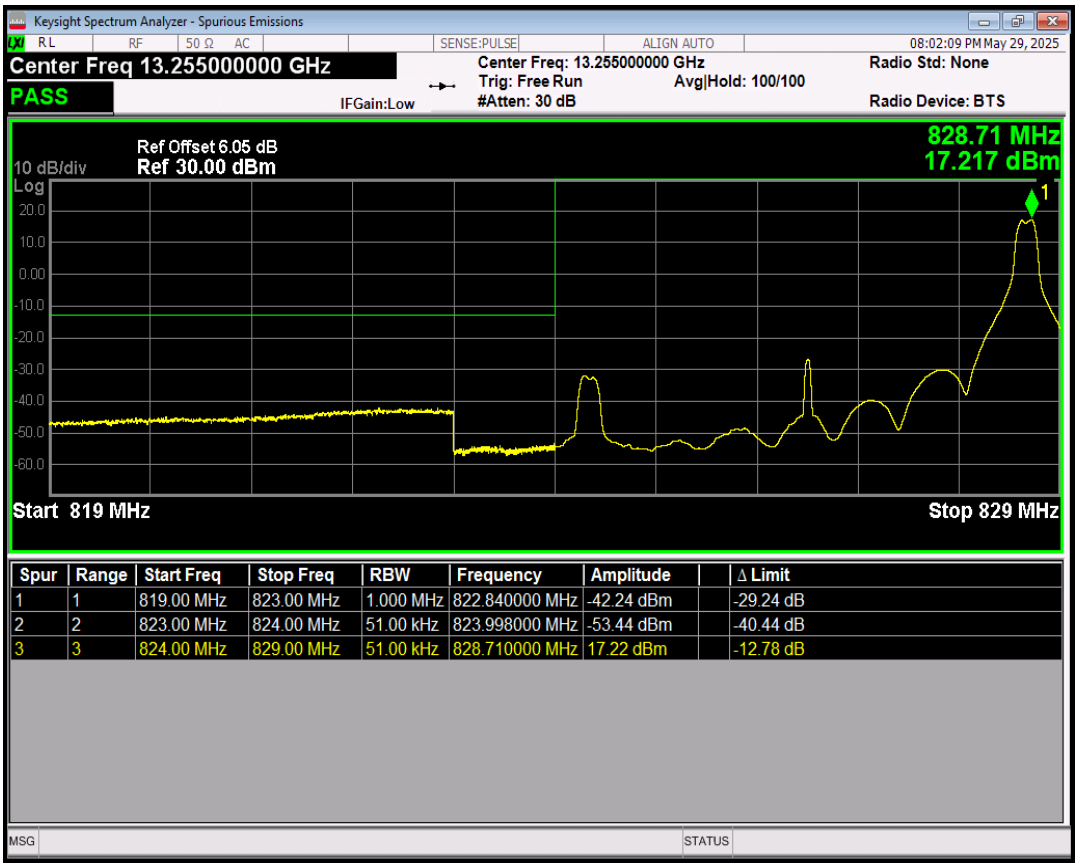
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	846.00 MHz	849.00 MHz	30.00 kHz	846.213000 MHz	12.75 dBm	-17.25 dB
2	2	849.00 MHz	850.00 MHz	30.00 kHz	849.012000 MHz	-23.67 dBm	-10.67 dB
3	3	850.00 MHz	852.00 MHz	1.000 MHz	850.100000 MHz	-19.61 dBm	-6.608 dB

Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0



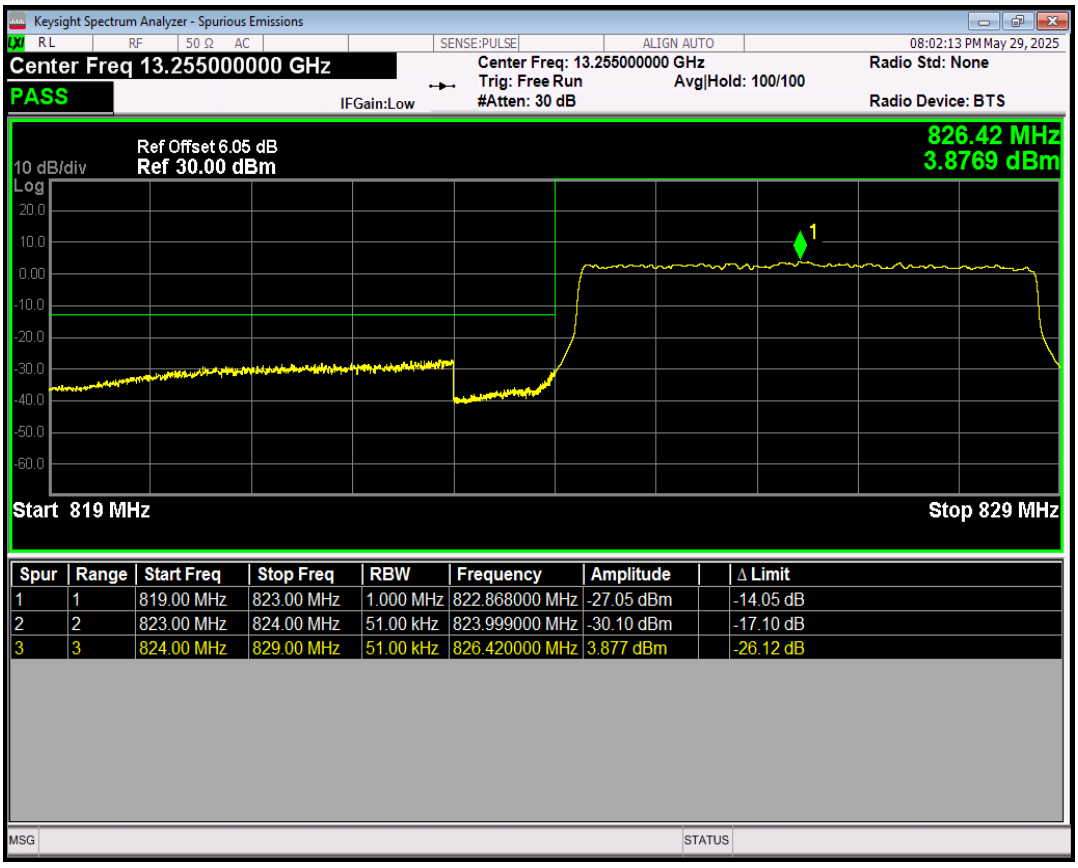
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	819.00 MHz	823.00 MHz	1.000 MHz	822.940000 MHz	-22.83 dBm	-9.832 dB
2	2	823.00 MHz	824.00 MHz	51.00 kHz	823.996000 MHz	-15.45 dBm	-2.454 dB
3	3	824.00 MHz	829.00 MHz	51.00 kHz	824.315000 MHz	17.45 dBm	-12.55 dB

Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#Max



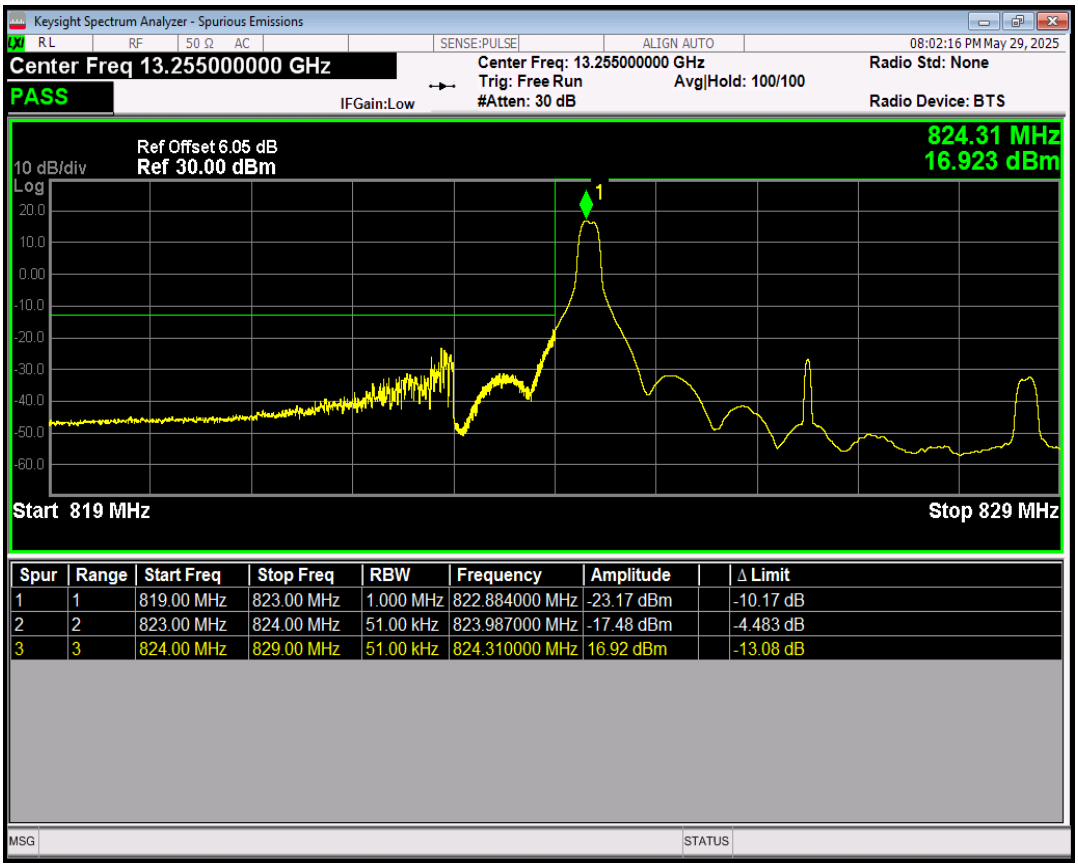
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	819.00 MHz	823.00 MHz	1.000 MHz	822.840000 MHz	-42.24 dBm	-29.24 dB
2	2	823.00 MHz	824.00 MHz	51.00 kHz	823.998000 MHz	-53.44 dBm	-40.44 dB
3	3	824.00 MHz	829.00 MHz	51.00 kHz	828.710000 MHz	17.22 dBm	-12.78 dB

Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



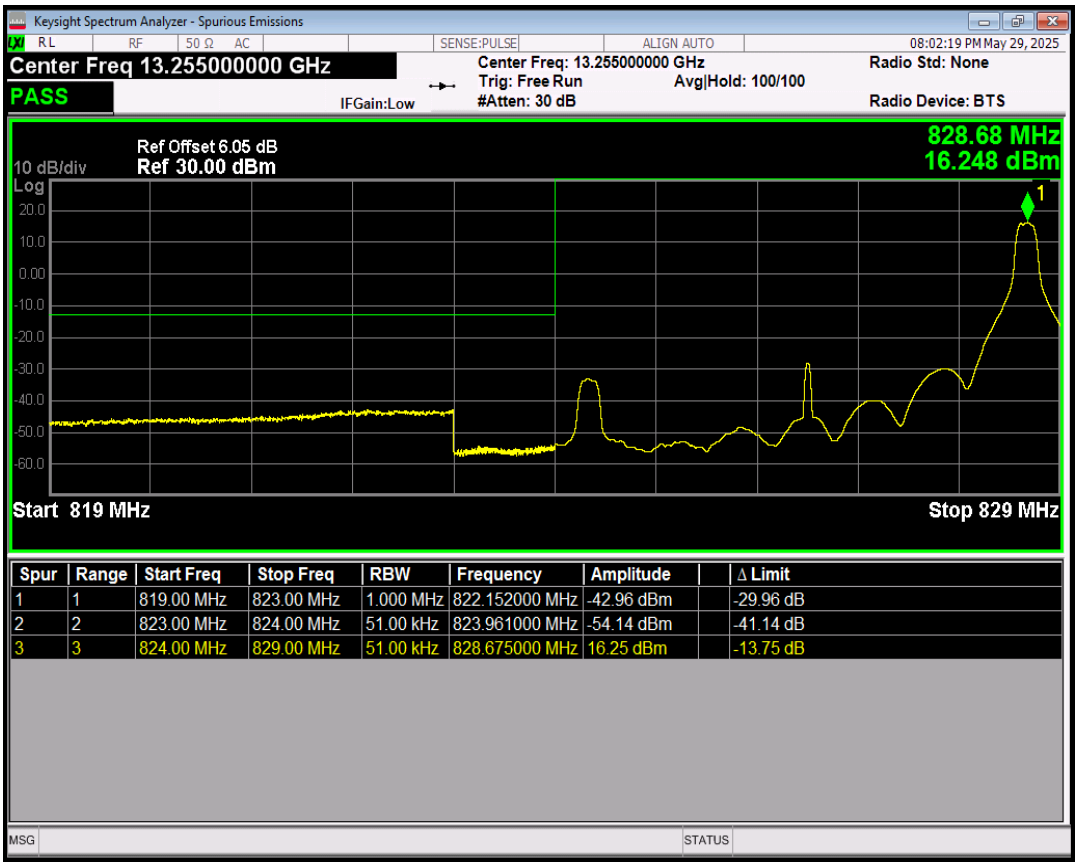
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	819.00 MHz	823.00 MHz	1.000 MHz	822.868000 MHz	-27.05 dBm	-14.05 dB
2	2	823.00 MHz	824.00 MHz	51.00 kHz	823.999000 MHz	-30.10 dBm	-17.10 dB
3	3	824.00 MHz	829.00 MHz	51.00 kHz	826.420000 MHz	3.877 dBm	-26.12 dB

Band5 64QAM BW=5MHz Channel=20425 RB Size=1 Position=#0



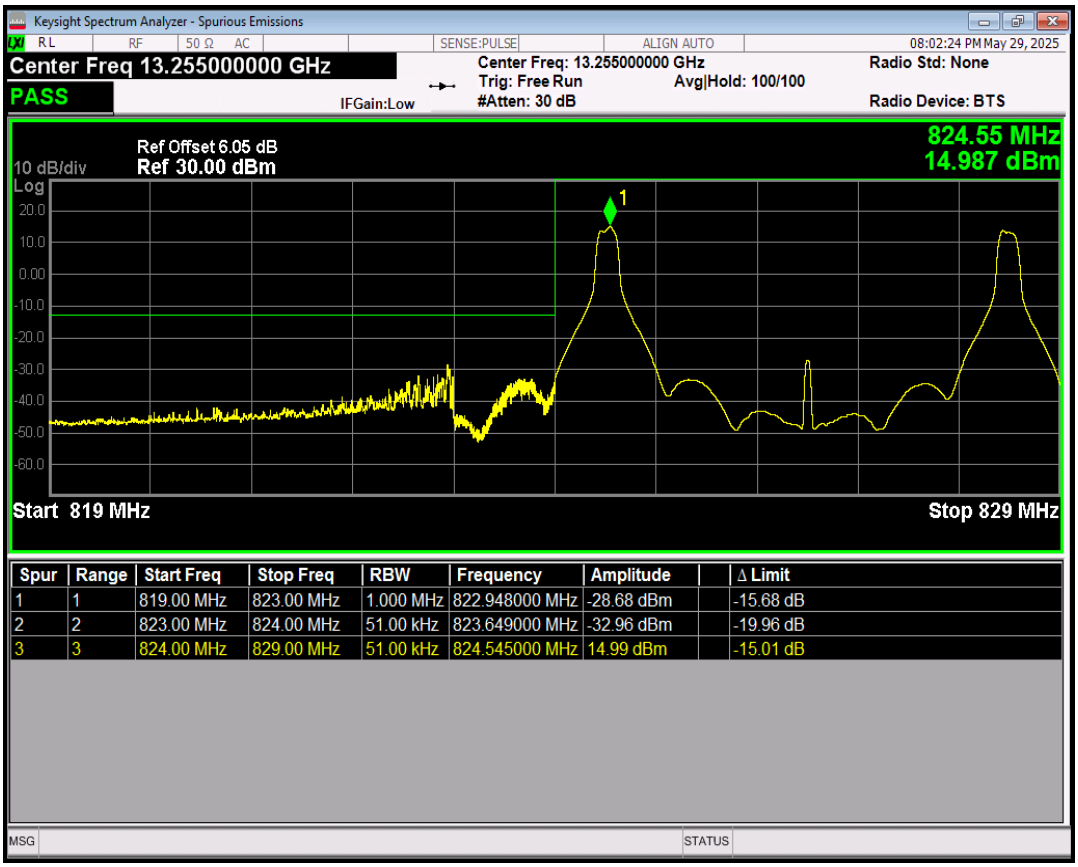
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	819.00 MHz	823.00 MHz	1.000 MHz	822.884000 MHz	-23.17 dBm	-10.17 dB
2	2	823.00 MHz	824.00 MHz	51.00 kHz	823.987000 MHz	-17.48 dBm	-4.483 dB
3	3	824.00 MHz	829.00 MHz	51.00 kHz	824.310000 MHz	16.92 dBm	-13.08 dB

Band5 64QAM BW=5MHz Channel=20425 RB Size=1 Position=#Max

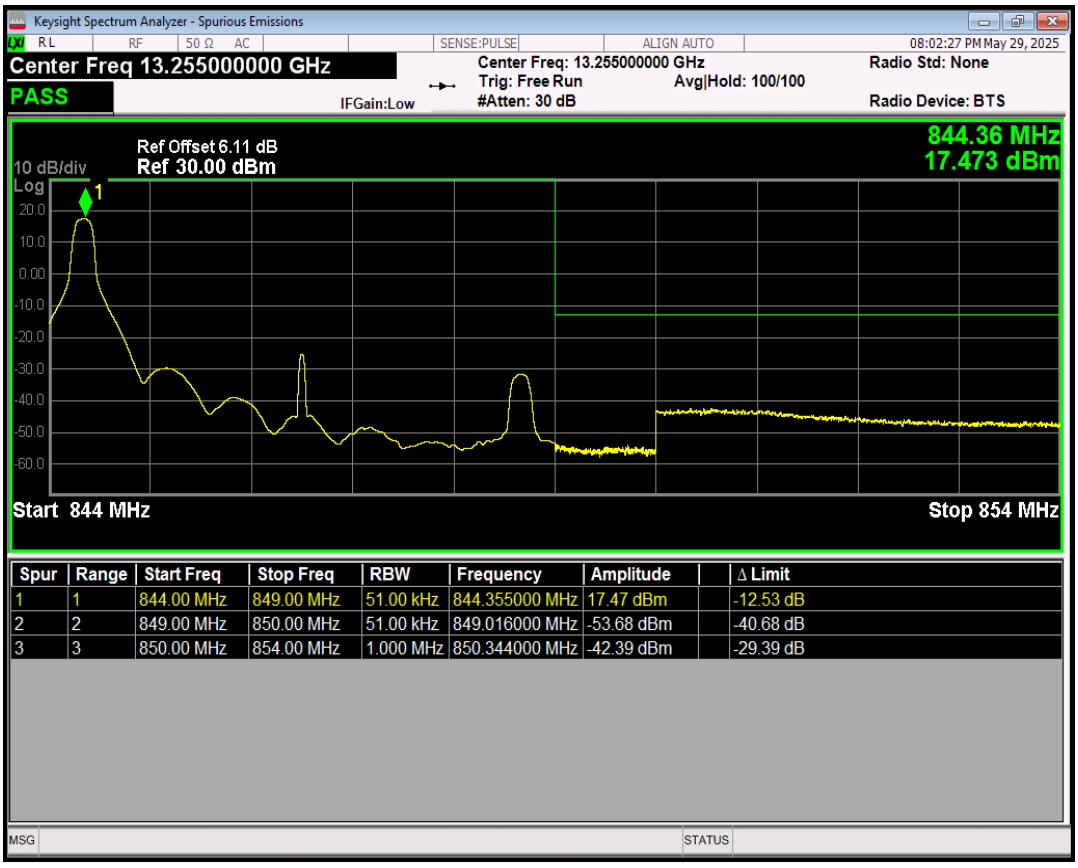


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	819.00 MHz	823.00 MHz	1.000 MHz	822.152000 MHz	-42.96 dBm	-29.96 dB
2	2	823.00 MHz	824.00 MHz	51.00 kHz	823.961000 MHz	-54.14 dBm	-41.14 dB
3	3	824.00 MHz	829.00 MHz	51.00 kHz	828.675000 MHz	16.25 dBm	-13.75 dB

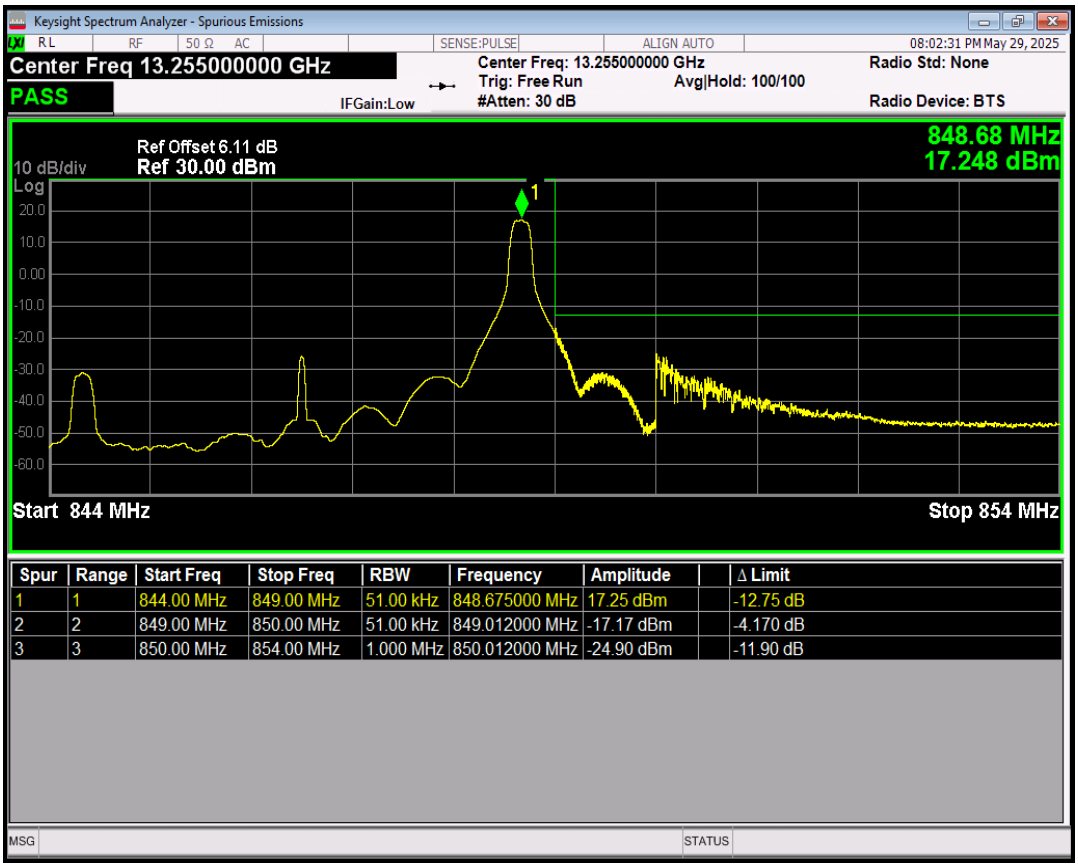
Band5 64QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0



Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#Max



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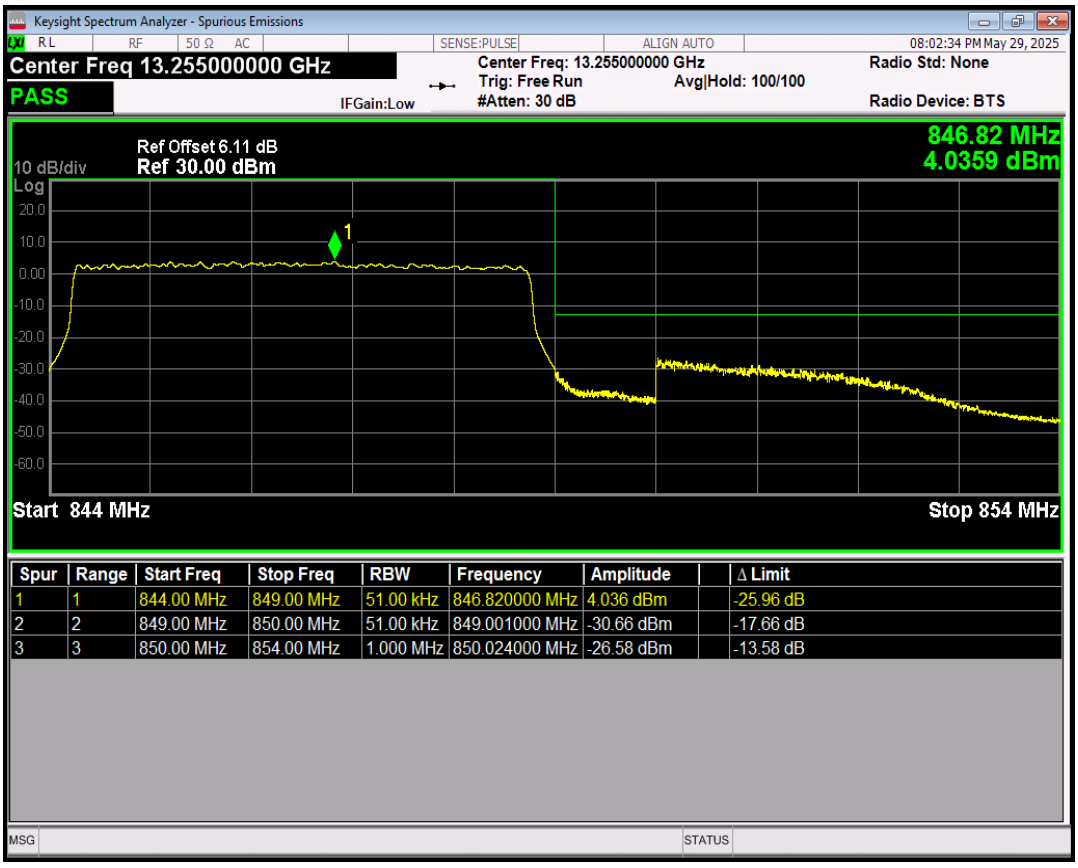
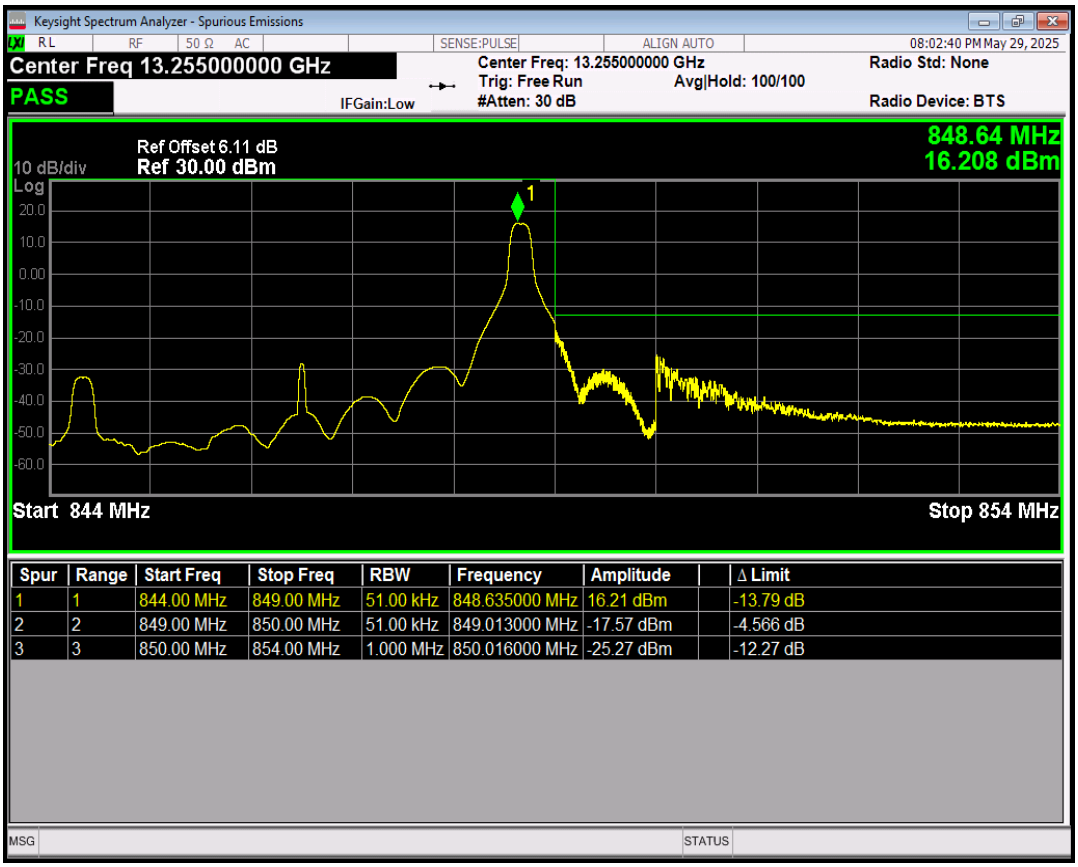


Band5 64QAM BW=5MHz Channel=20625 RB Size=1 Position=#Max



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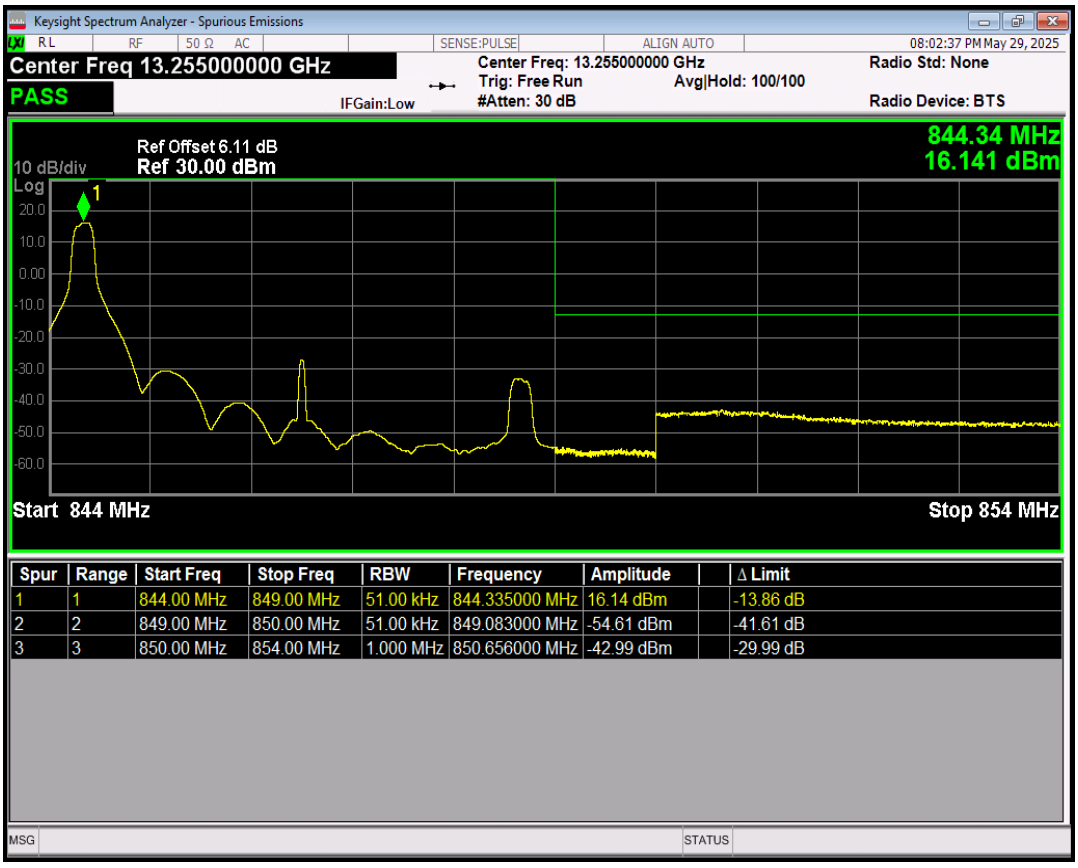
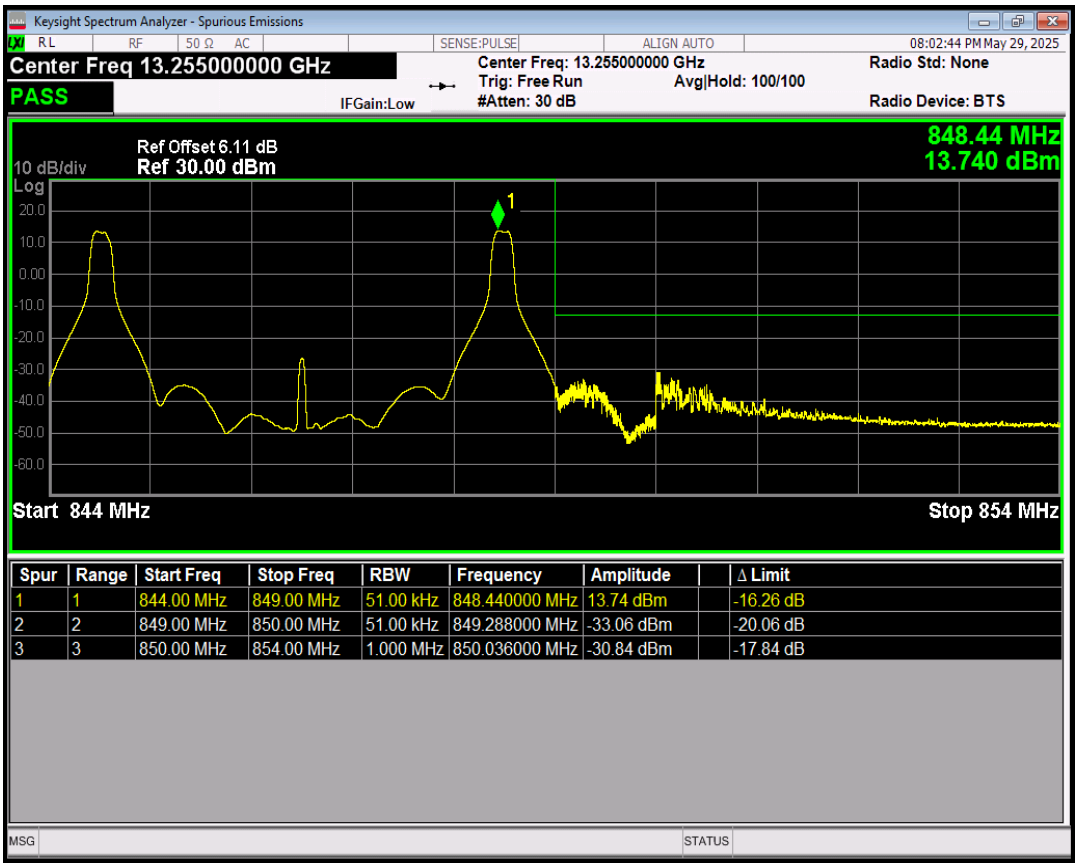
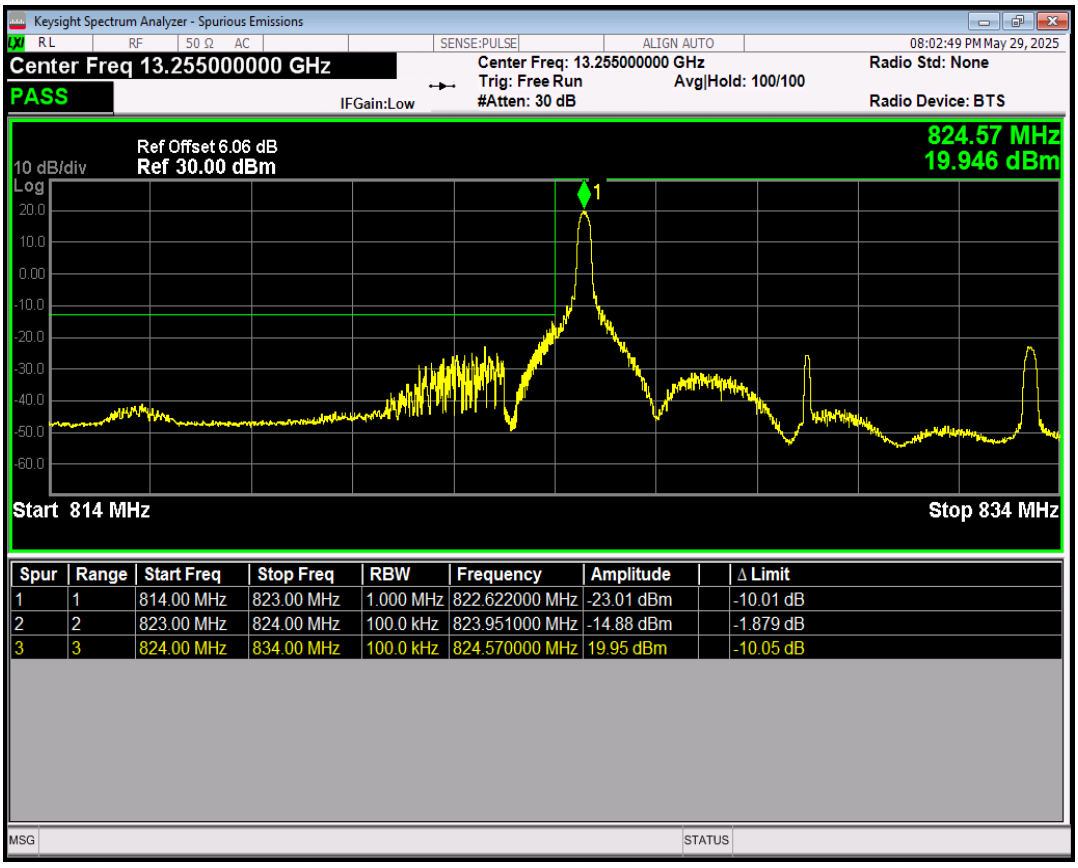


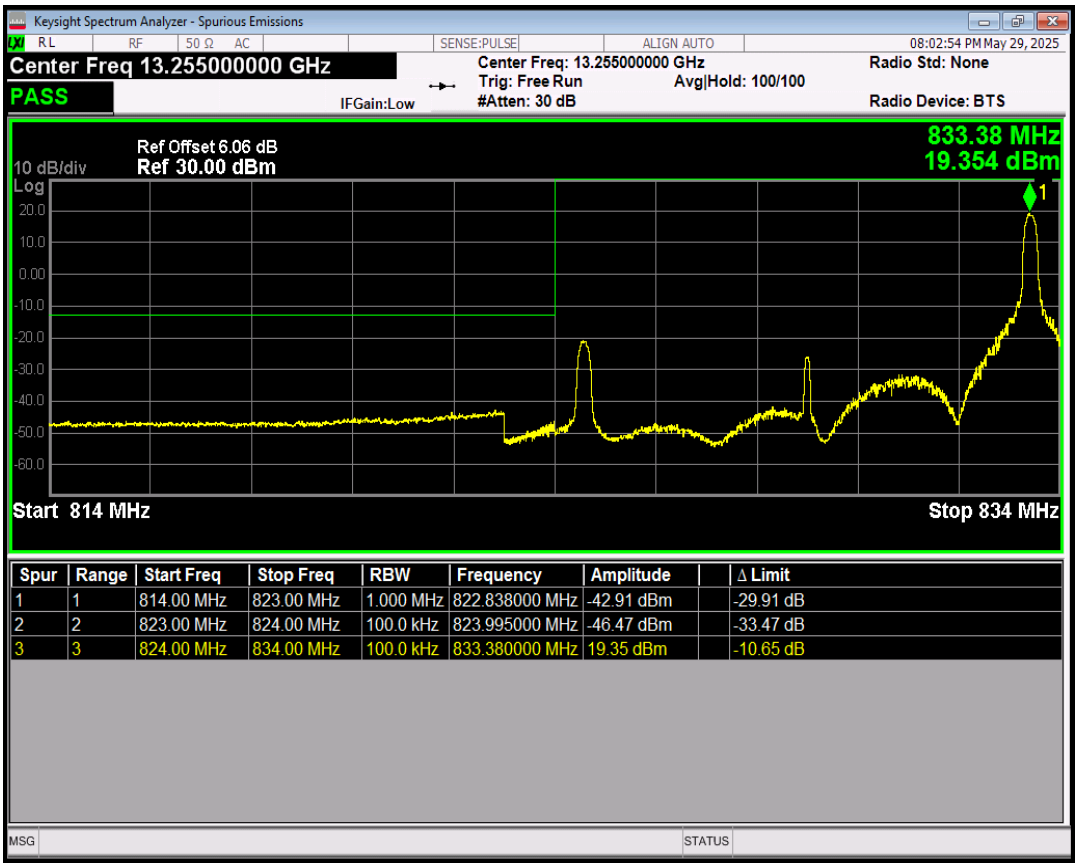
Band5 64QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



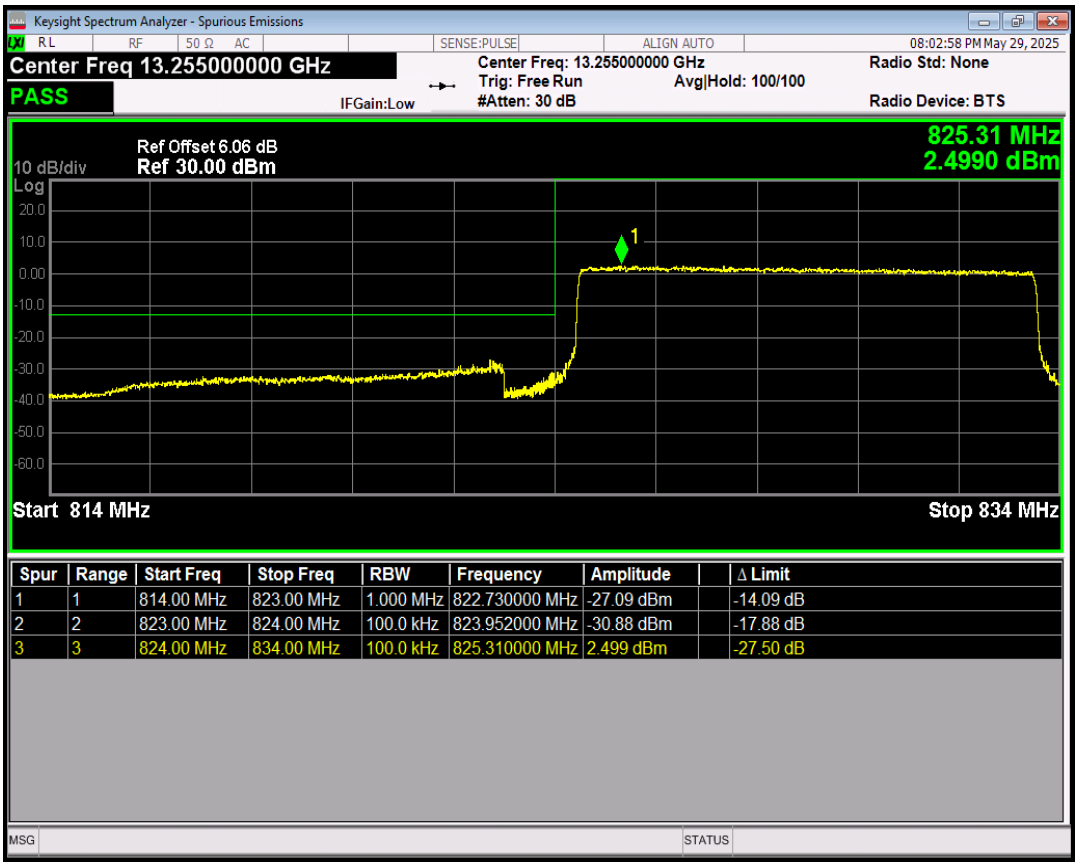
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0



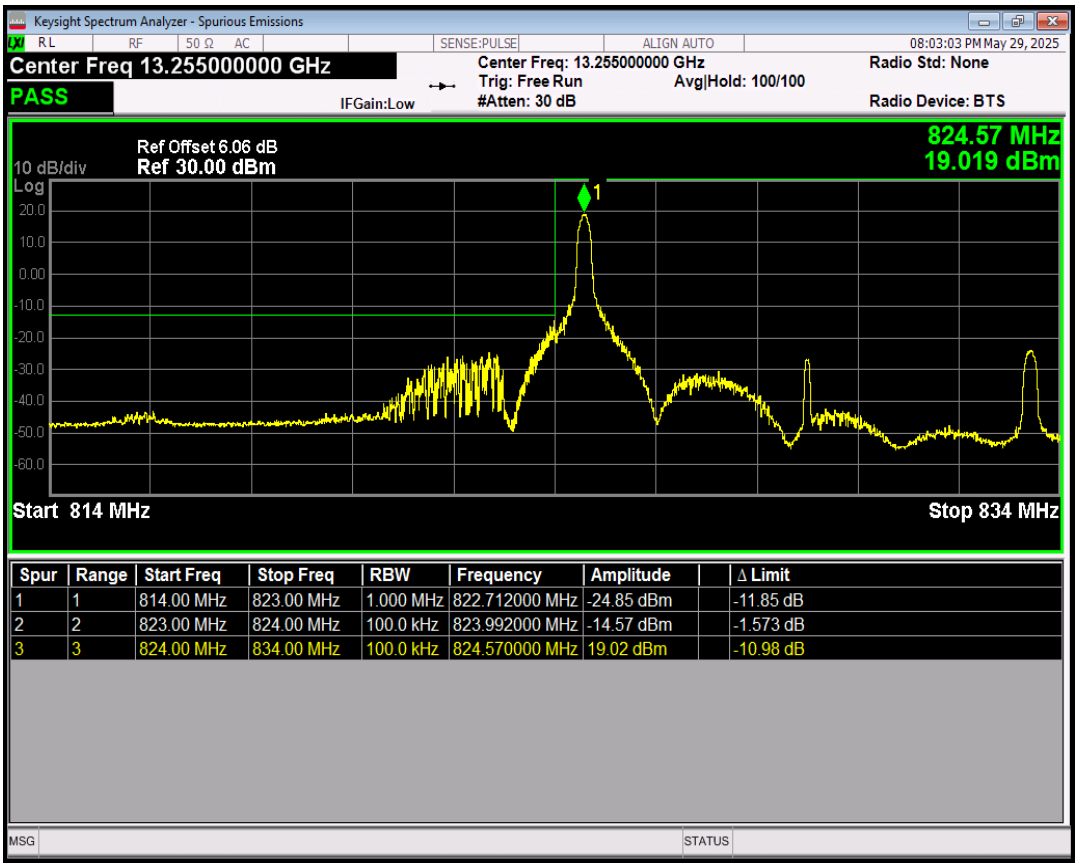
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#Max



Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0

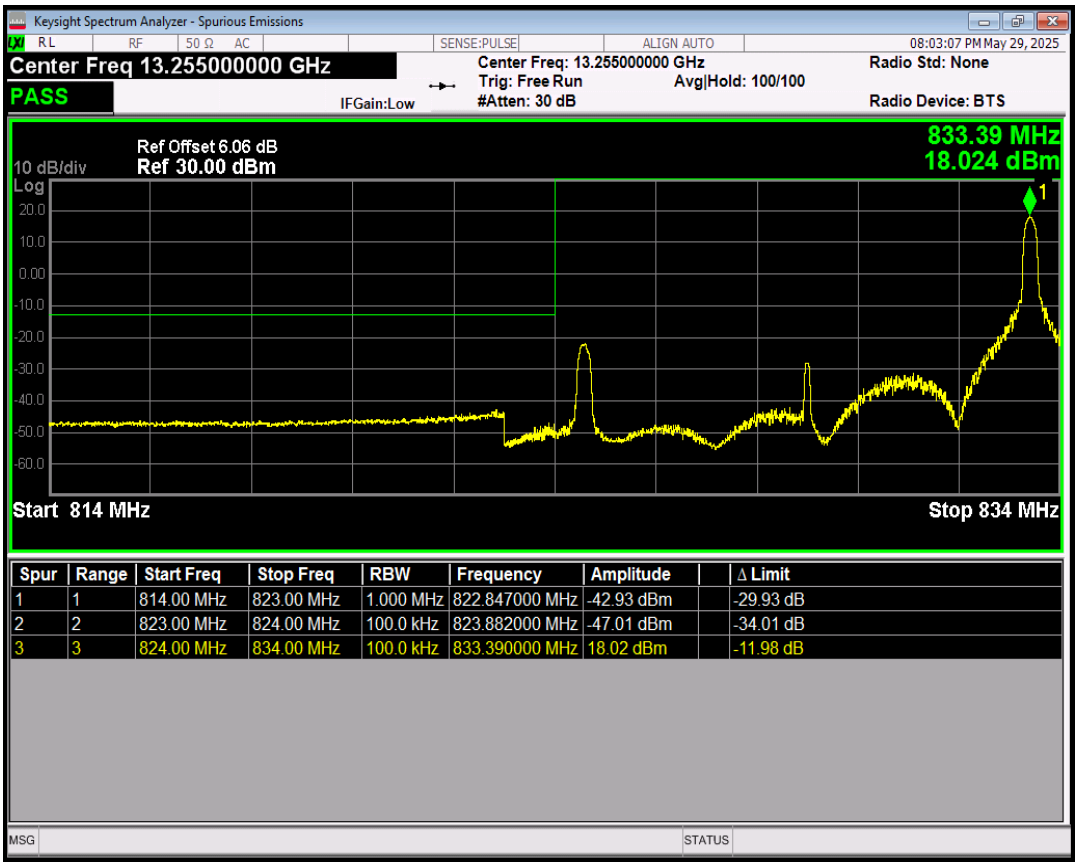


Band5 64QAM BW=10MHz Channel=20450 RB Size=1 Position=#0



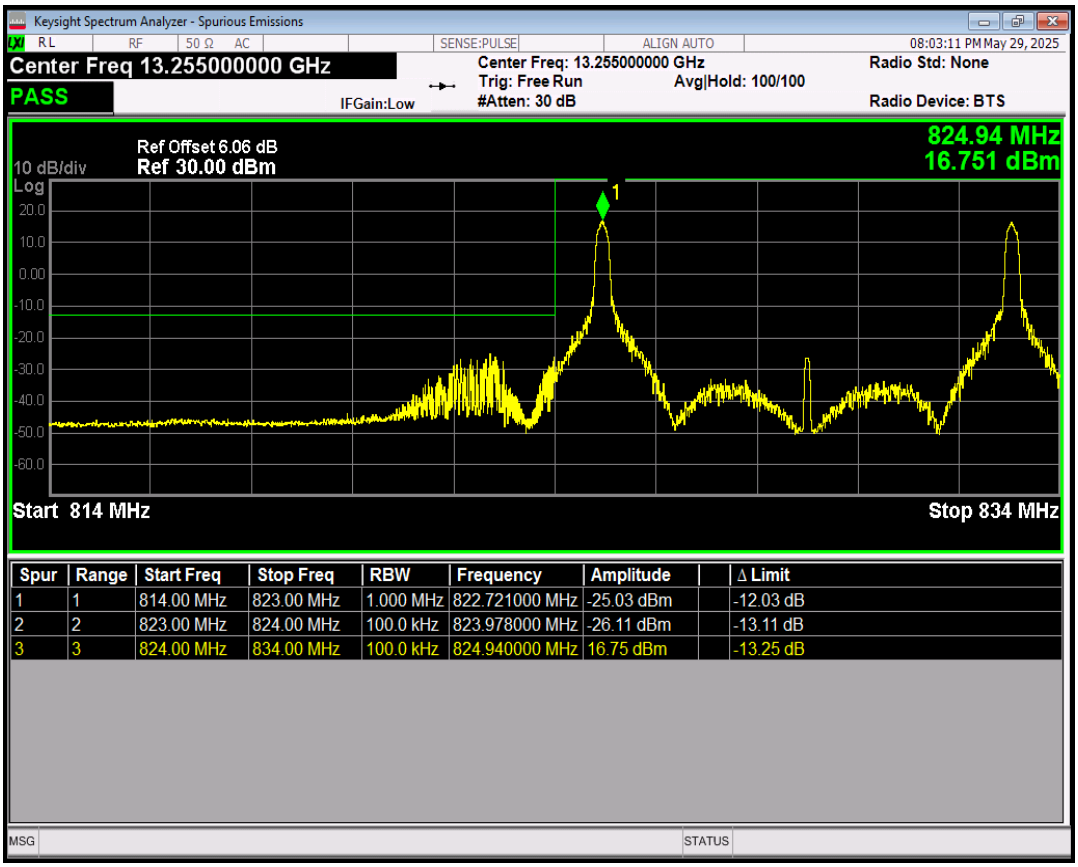
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	814.00 MHz	823.00 MHz	1.000 MHz	822.712000 MHz	-24.85 dBm	-11.85 dB
2	2	823.00 MHz	824.00 MHz	100.0 kHz	823.992000 MHz	-14.57 dBm	-1.573 dB
3	3	824.00 MHz	834.00 MHz	100.0 kHz	824.570000 MHz	19.02 dBm	-10.98 dB

Band5 64QAM BW=10MHz Channel=20450 RB Size=1 Position=#Max

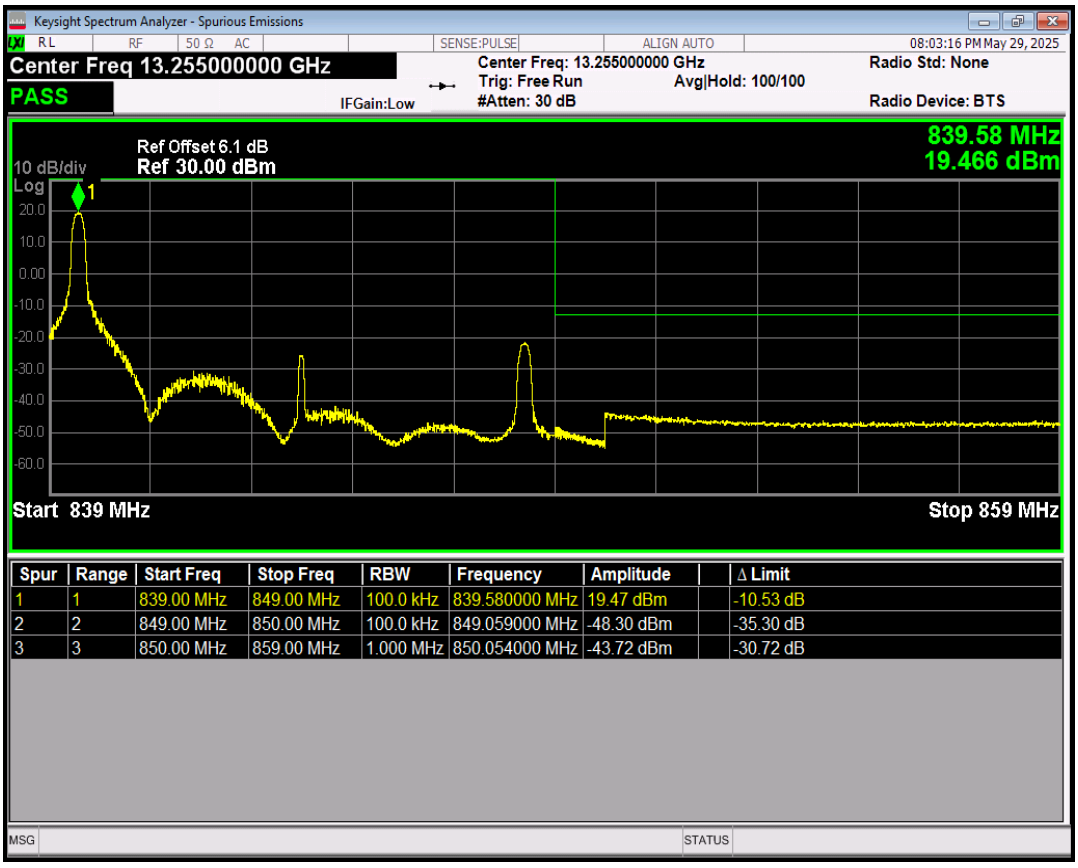


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	814.00 MHz	823.00 MHz	1.000 MHz	822.847000 MHz	-42.93 dBm	-29.93 dB
2	2	823.00 MHz	824.00 MHz	100.0 kHz	823.882000 MHz	-47.01 dBm	-34.01 dB
3	3	824.00 MHz	834.00 MHz	100.0 kHz	833.390000 MHz	18.02 dBm	-11.98 dB

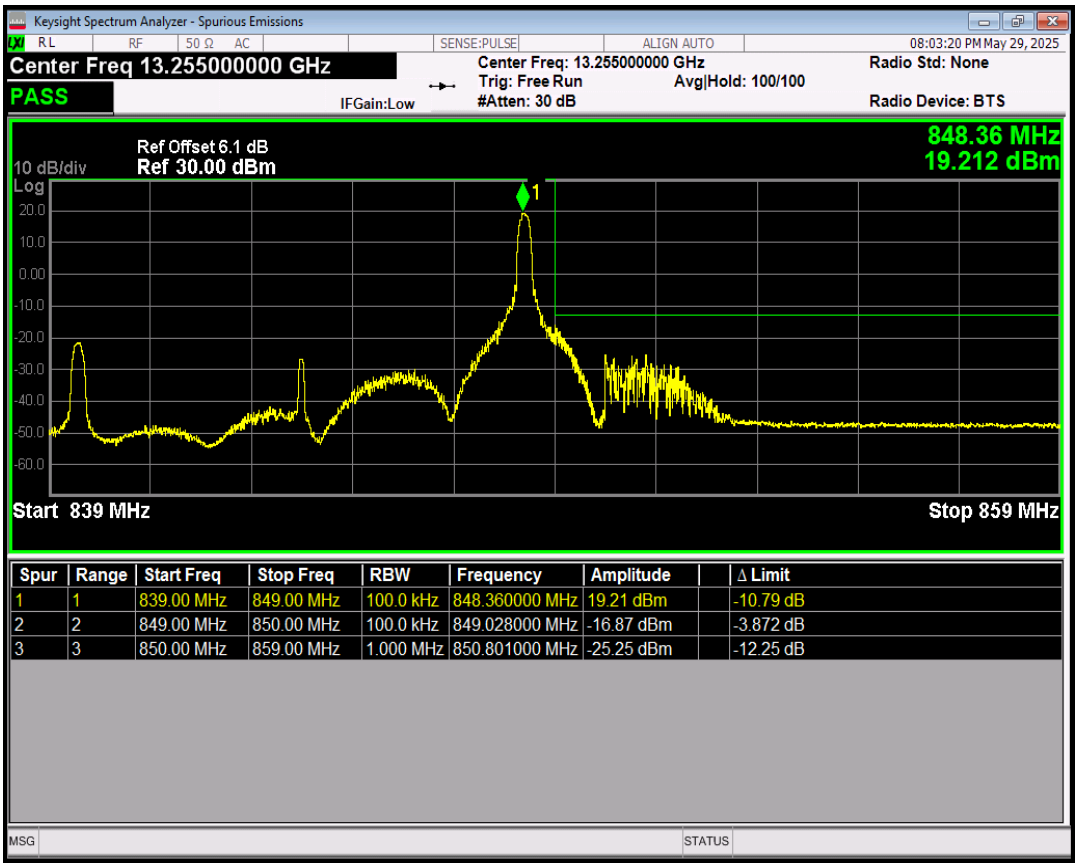
Band5 64QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0

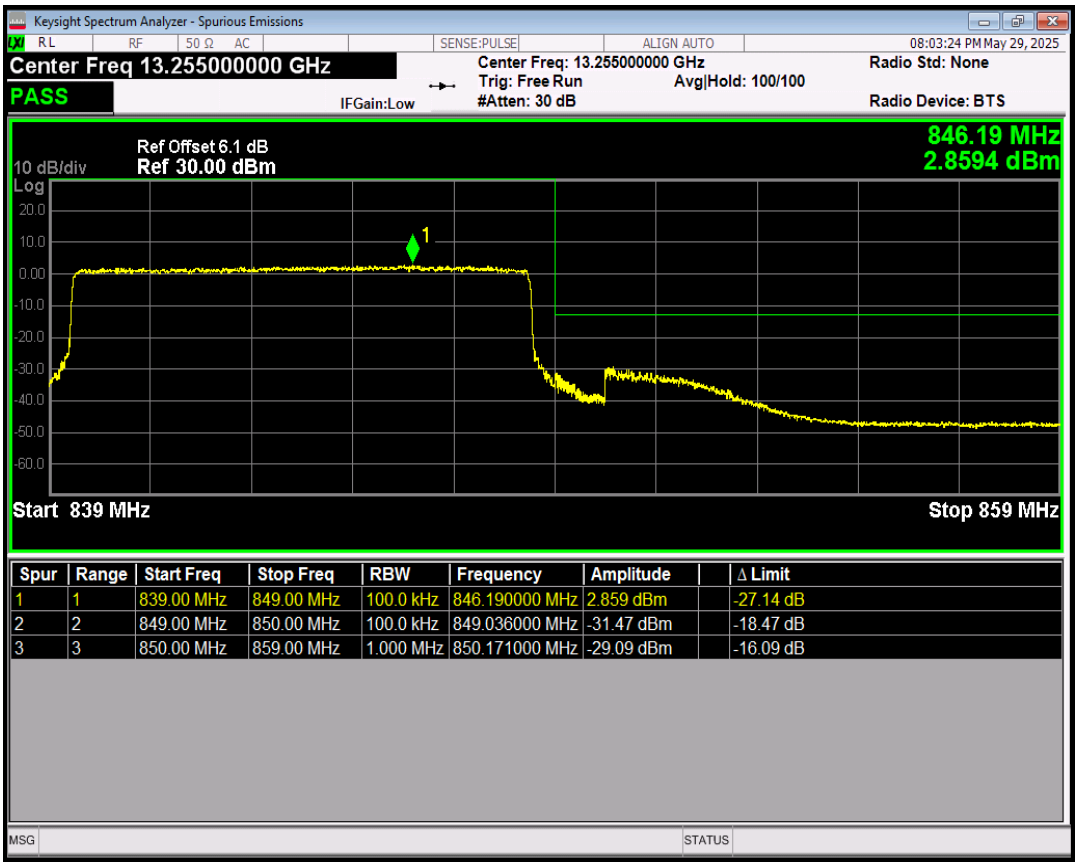


Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#Max



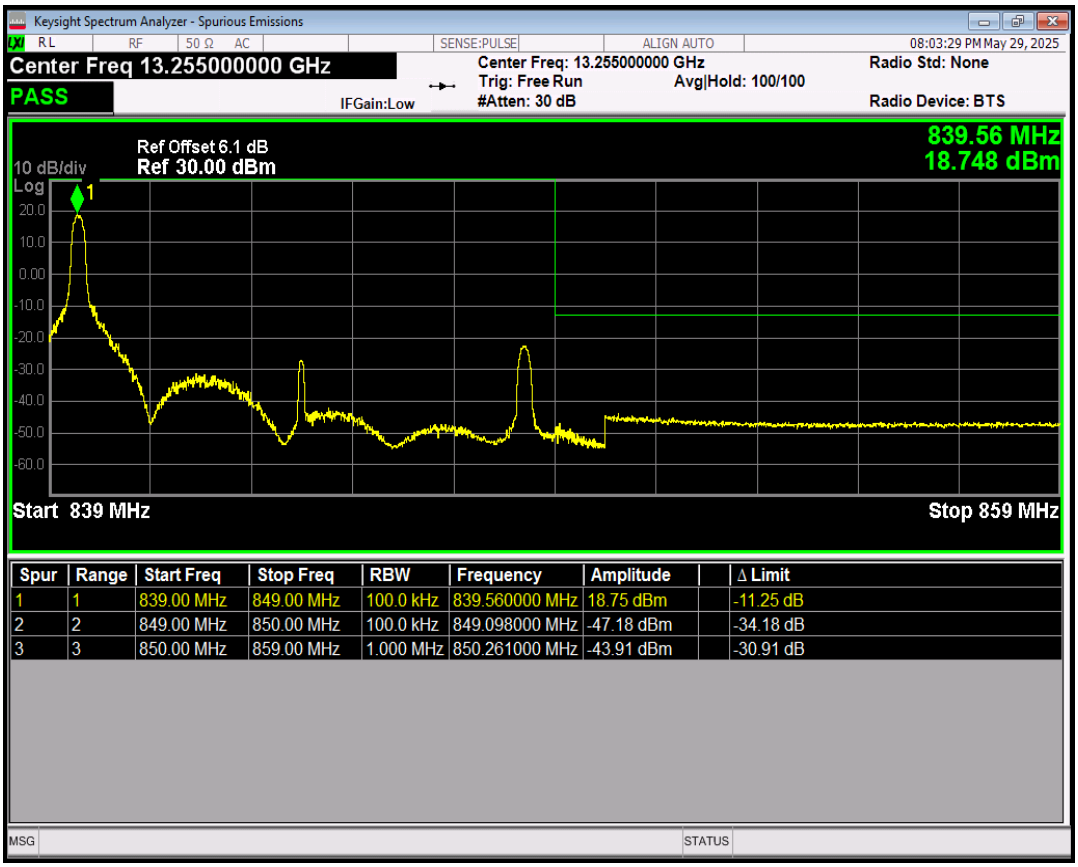
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	839.00 MHz	849.00 MHz	100.0 kHz	848.360000 MHz	19.21 dBm	-10.79 dB
2	2	849.00 MHz	850.00 MHz	100.0 kHz	849.028000 MHz	-16.87 dBm	-3.872 dB
3	3	850.00 MHz	859.00 MHz	1.000 MHz	850.801000 MHz	-25.25 dBm	-12.25 dB

Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



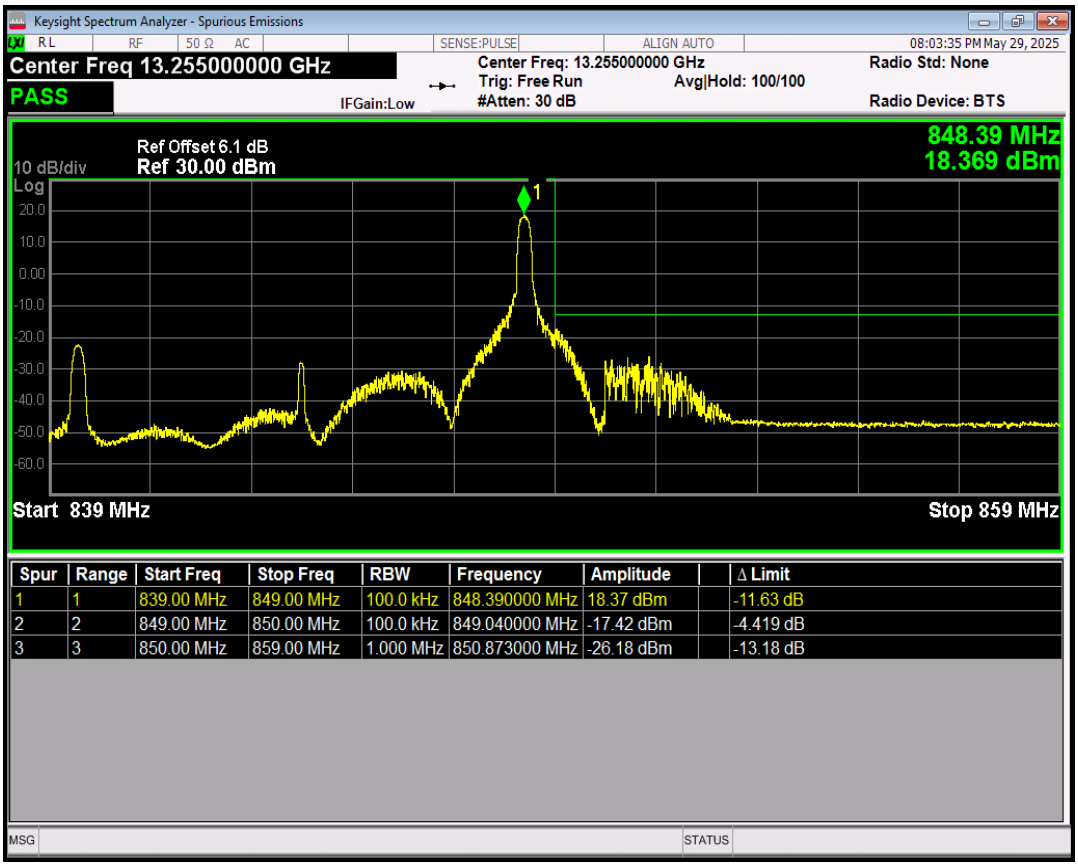
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	839.00 MHz	849.00 MHz	100.0 kHz	846.190000 MHz	2.859 dBm	-27.14 dB
2	2	849.00 MHz	850.00 MHz	100.0 kHz	849.036000 MHz	-31.47 dBm	-18.47 dB
3	3	850.00 MHz	859.00 MHz	1.000 MHz	850.171000 MHz	-29.09 dBm	-16.09 dB

Band5 64QAM BW=10MHz Channel=20600 RB Size=1 Position=#0



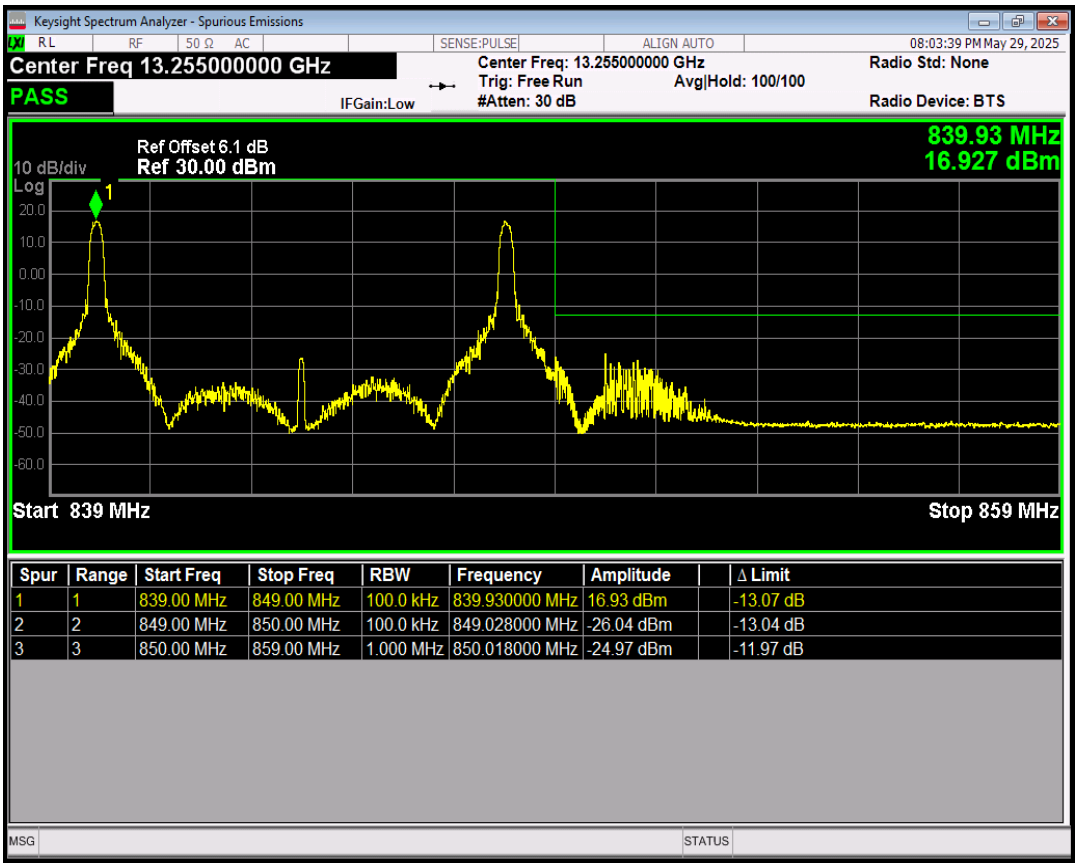
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	839.00 MHz	849.00 MHz	100.0 kHz	839.560000 MHz	18.75 dBm	-11.25 dB
2	2	849.00 MHz	850.00 MHz	100.0 kHz	849.098000 MHz	-47.18 dBm	-34.18 dB
3	3	850.00 MHz	859.00 MHz	1.000 MHz	850.261000 MHz	-43.91 dBm	-30.91 dB

Band5 64QAM BW=10MHz Channel=20600 RB Size=1 Position=#Max



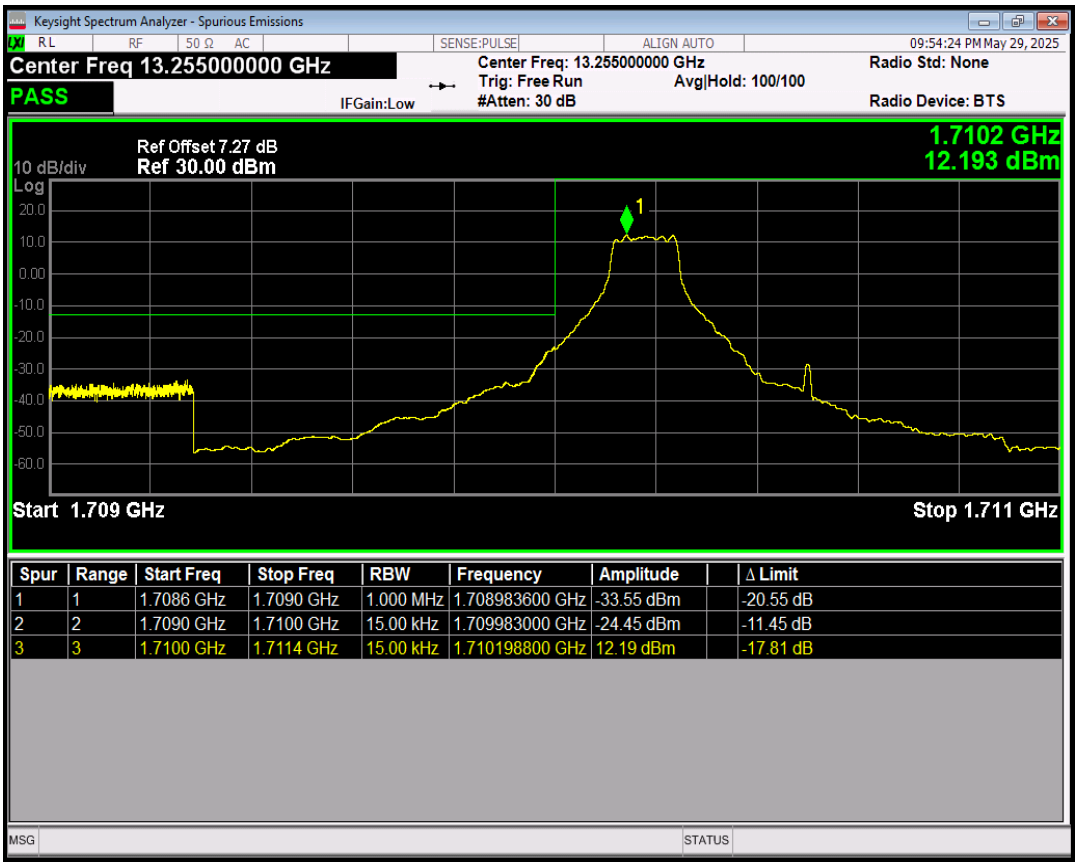
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	839.00 MHz	849.00 MHz	100.0 kHz	848.390000 MHz	18.37 dBm	-11.63 dB
2	2	849.00 MHz	850.00 MHz	100.0 kHz	849.040000 MHz	-17.42 dBm	-4.419 dB
3	3	850.00 MHz	859.00 MHz	1.000 MHz	850.873000 MHz	-26.18 dBm	-13.18 dB

Band5 64QAM BW=10MHz Channel=20600 RB Size=50 Position=#0



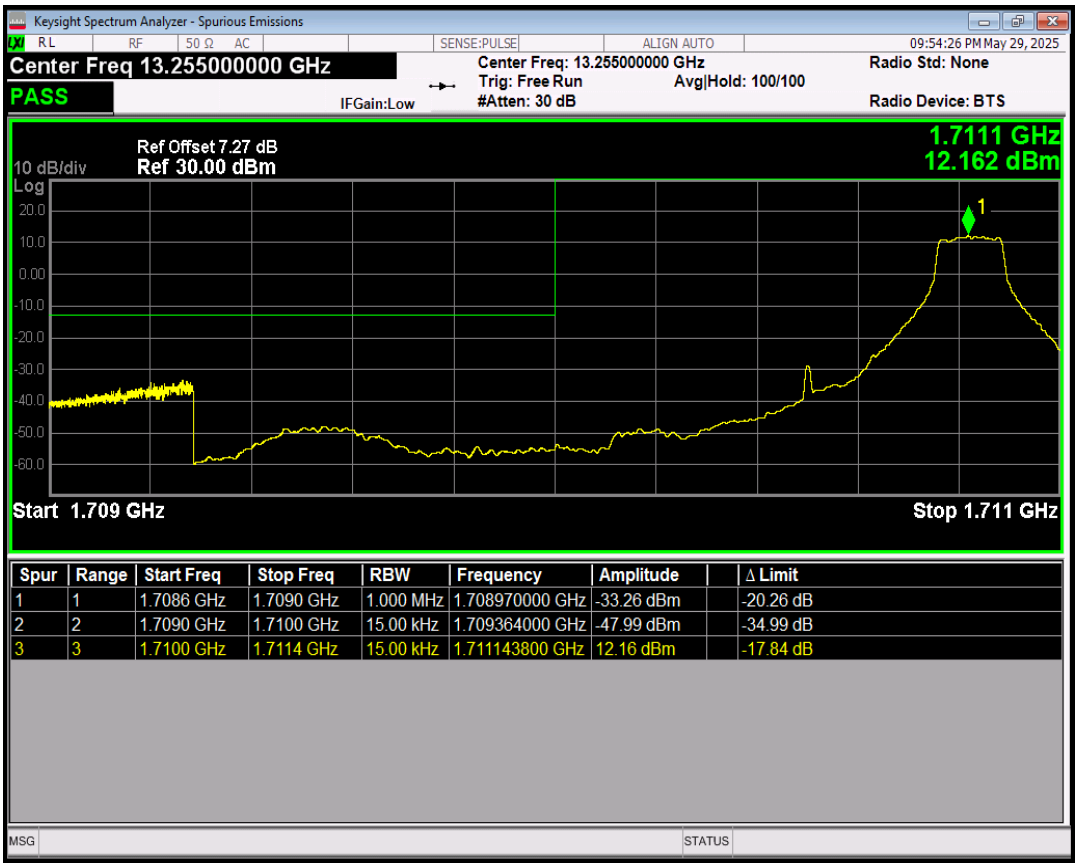
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	839.00 MHz	849.00 MHz	100.0 kHz	839.930000 MHz	16.93 dBm	-13.07 dB
2	2	849.00 MHz	850.00 MHz	100.0 kHz	849.028000 MHz	-26.04 dBm	-13.04 dB
3	3	850.00 MHz	859.00 MHz	1.000 MHz	850.018000 MHz	-24.97 dBm	-11.97 dB

Band66 QPSK BW=1.4MHz Channel=131979 RB Size=1 Position=#0

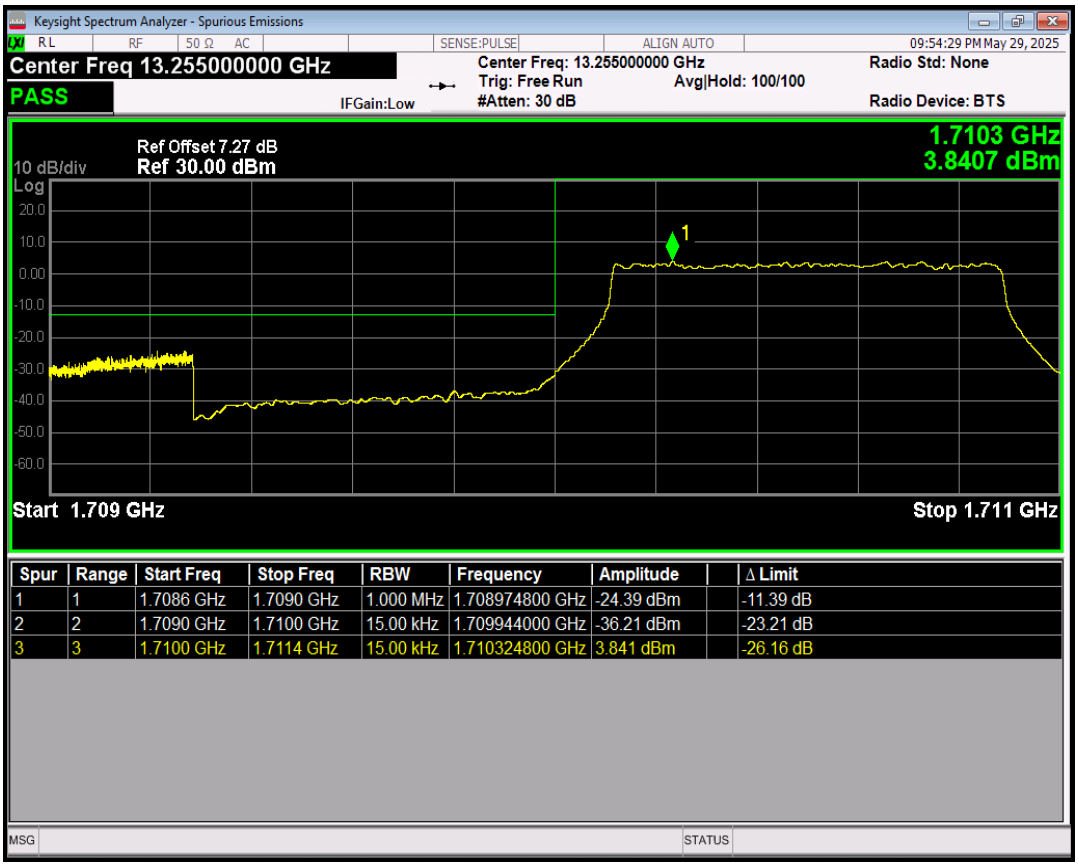


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.7086 GHz	1.7090 GHz	1.000 MHz	1.708983600 GHz	-33.55 dBm	-20.55 dB
2	2	1.7090 GHz	1.7100 GHz	15.00 kHz	1.709983000 GHz	-24.45 dBm	-11.45 dB
3	3	1.7100 GHz	1.7114 GHz	15.00 kHz	1.710198800 GHz	12.19 dBm	-17.81 dB

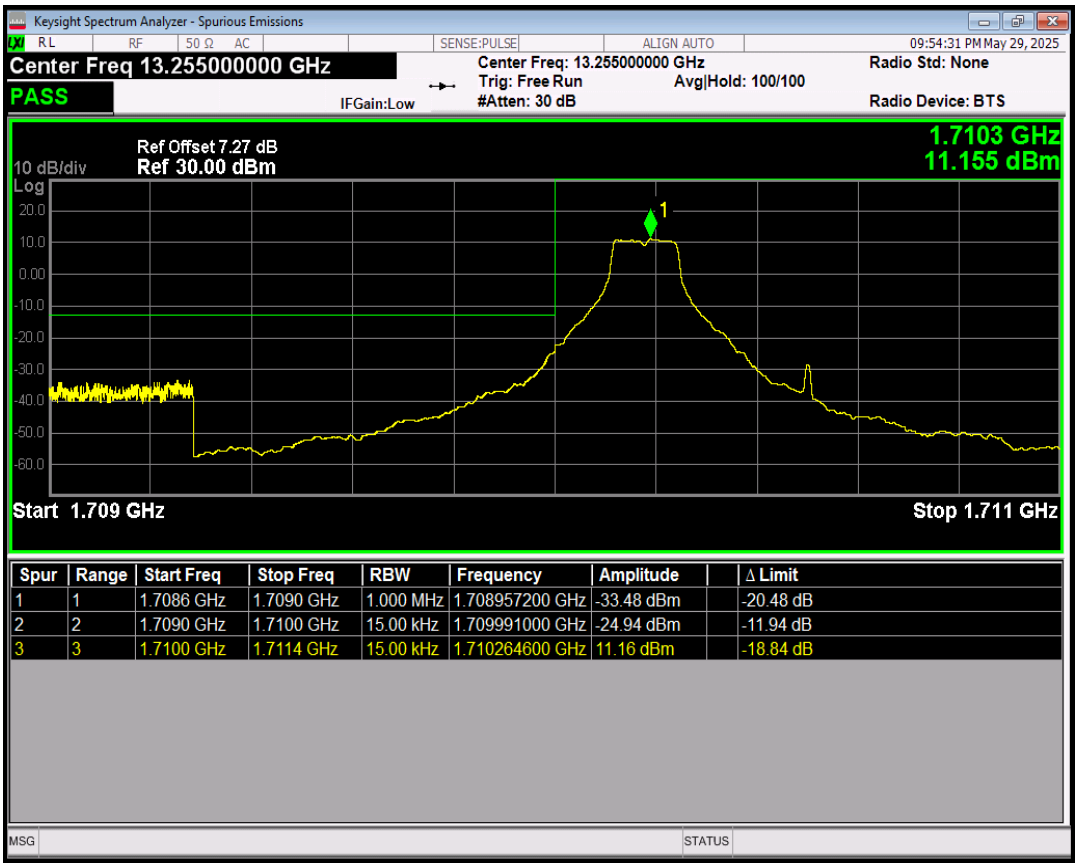
Band66 QPSK BW=1.4MHz Channel=131979 RB Size=1 Position=#Max



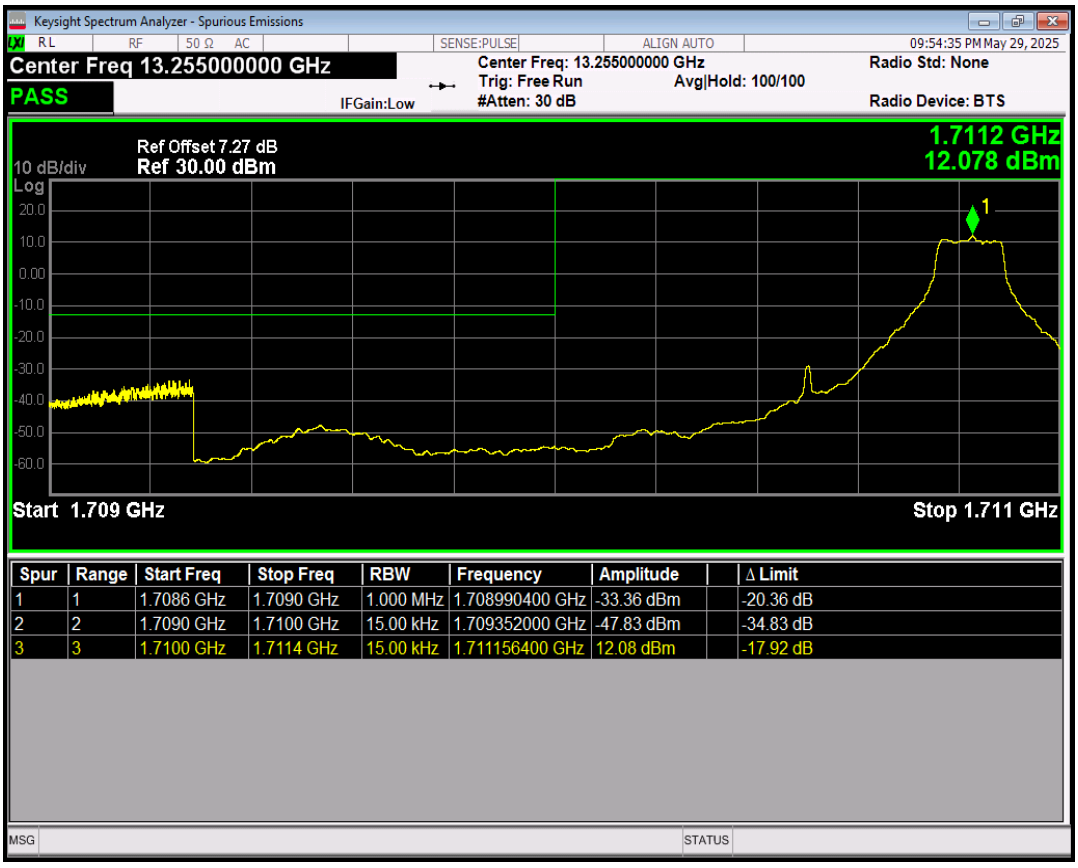
Band66 QPSK BW=1.4MHz Channel=131979 RB Size=6 Position=#0



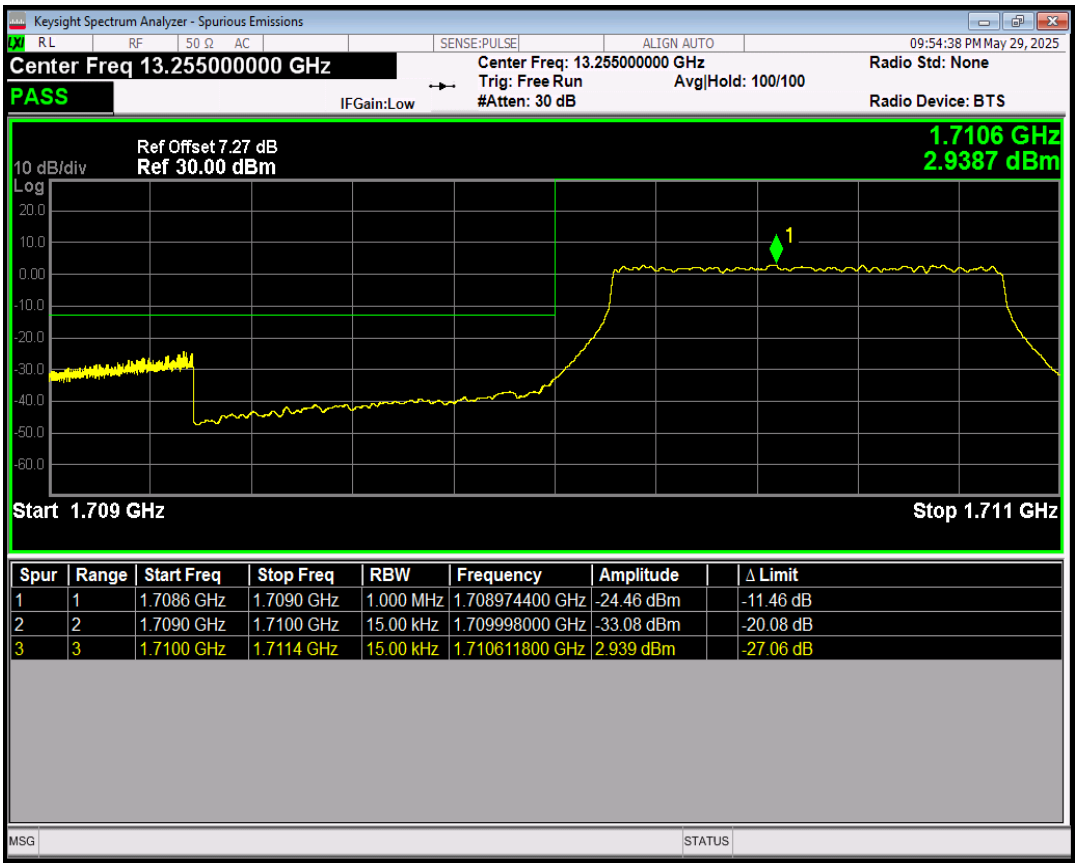
Band66 16QAM BW=1.4MHz Channel=131979 RB Size=1 Position=#0



Band66 16QAM BW=1.4MHz Channel=131979 RB Size=1 Position=#Max

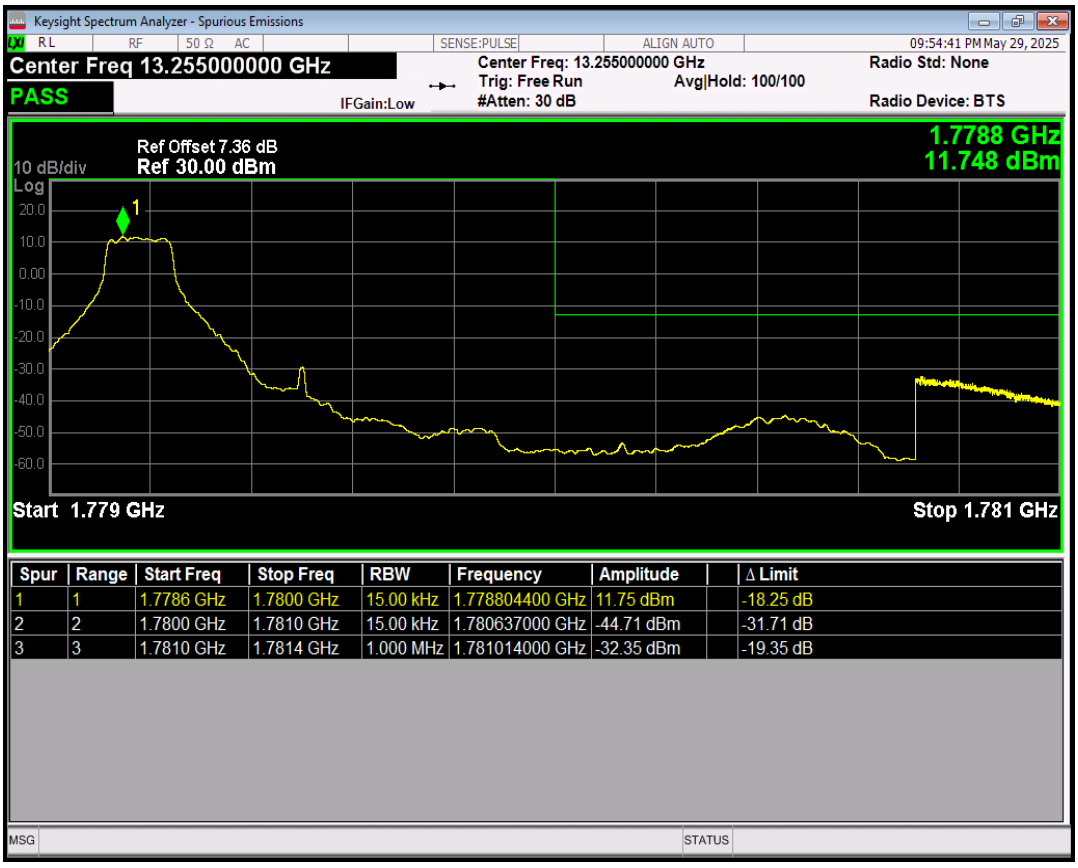


Band66 16QAM BW=1.4MHz Channel=131979 RB Size=6 Position=#0



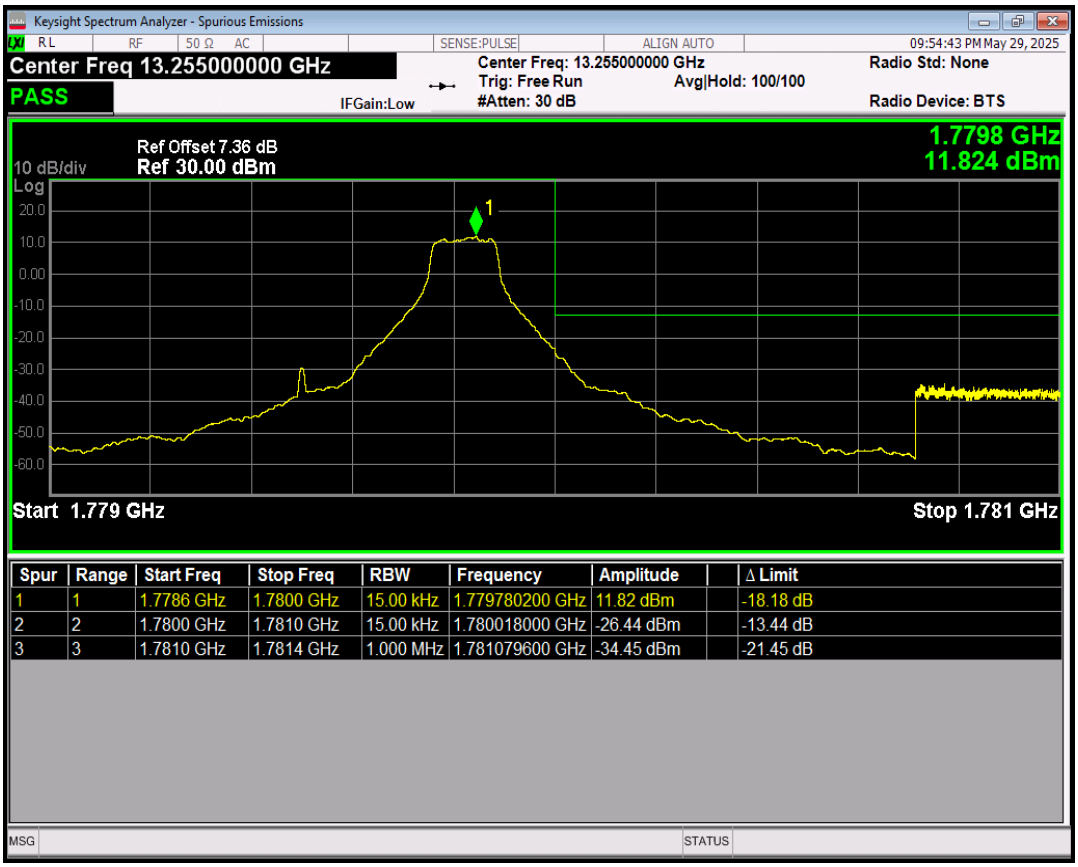
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude		Δ Limit
1	1	1.7086 GHz	1.7090 GHz	1.000 MHz	1.708974400 GHz	-24.46 dBm		-11.46 dB
2	2	1.7090 GHz	1.7100 GHz	15.00 kHz	1.709998000 GHz	-33.08 dBm		-20.08 dB
3	3	1.7100 GHz	1.7114 GHz	15.00 kHz	1.710611800 GHz	2.939 dBm		-27.06 dB

Band66 QPSK BW=1.4MHz Channel=132665 RB Size=1 Position=#0

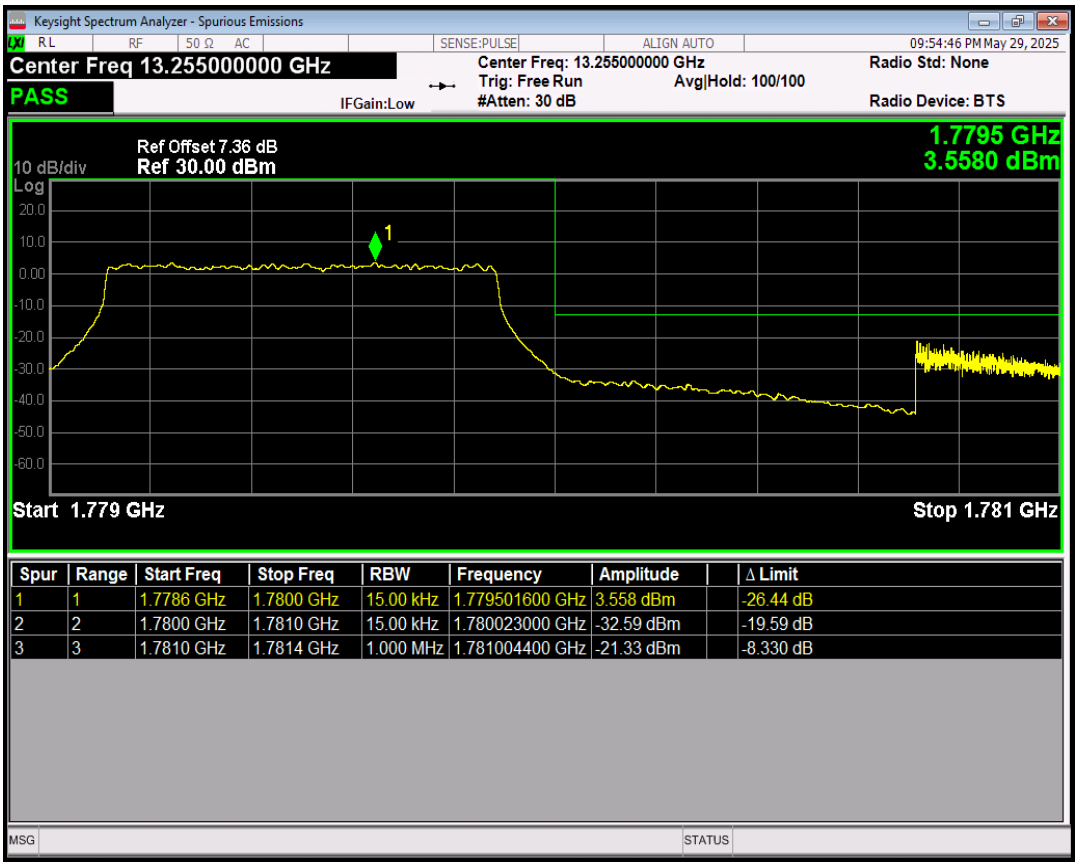


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude		Δ Limit
1	1	1.7786 GHz	1.7800 GHz	15.00 kHz	1.778804400 GHz	11.75 dBm		-18.25 dB
2	2	1.7800 GHz	1.7810 GHz	15.00 kHz	1.780637000 GHz	-44.71 dBm		-31.71 dB
3	3	1.7810 GHz	1.7814 GHz	1.000 MHz	1.781014000 GHz	-32.35 dBm		-19.35 dB

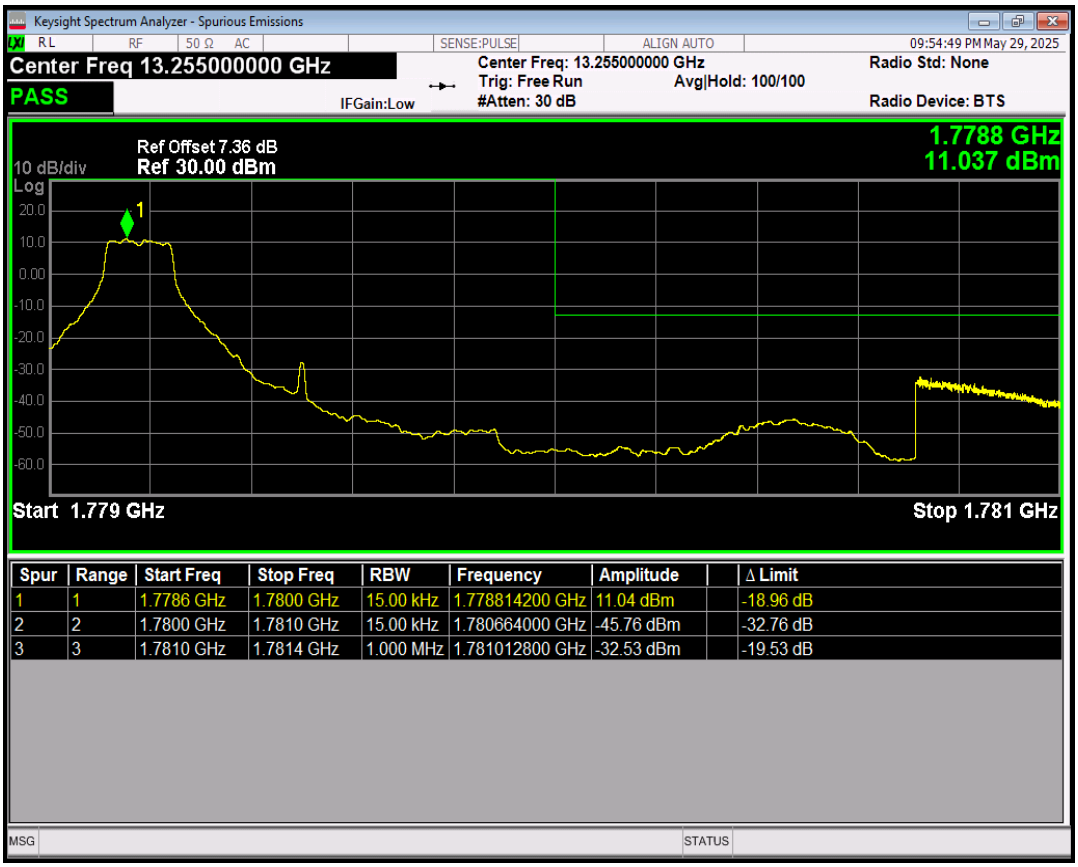
Band66 QPSK BW=1.4MHz Channel=132665 RB Size=1 Position=#Max



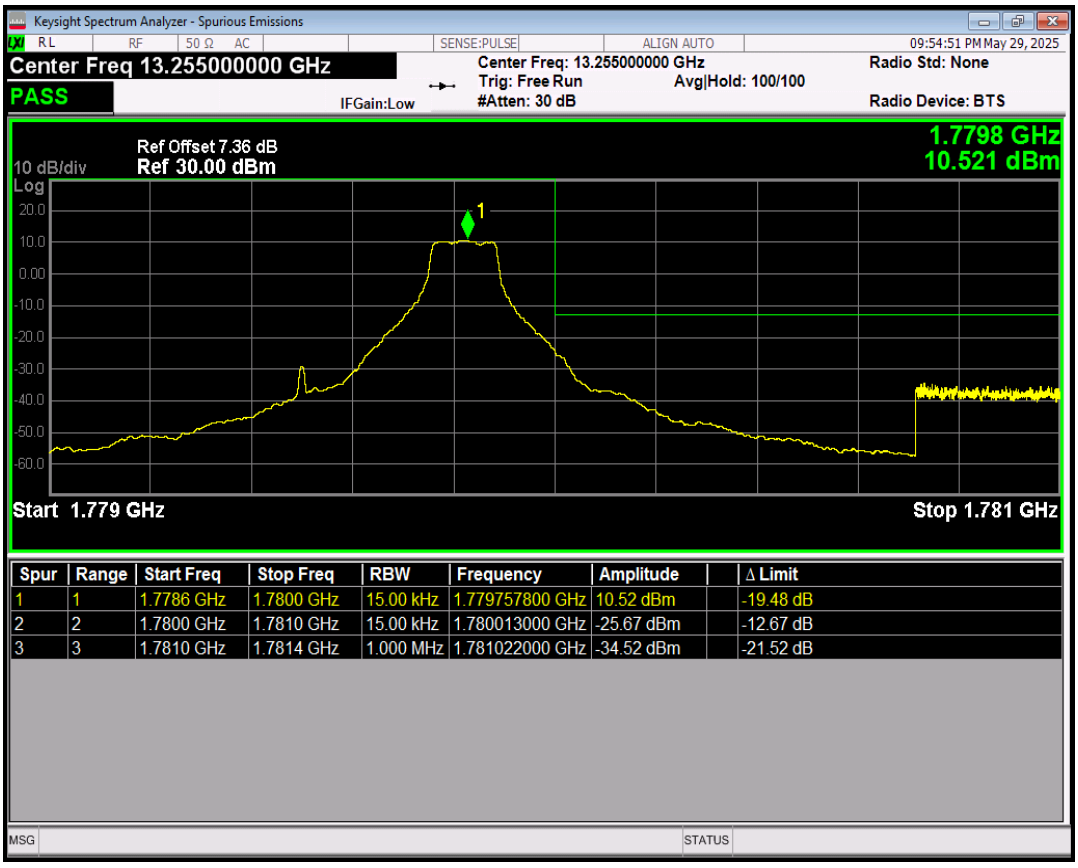
Band66 QPSK BW=1.4MHz Channel=132665 RB Size=6 Position=#0



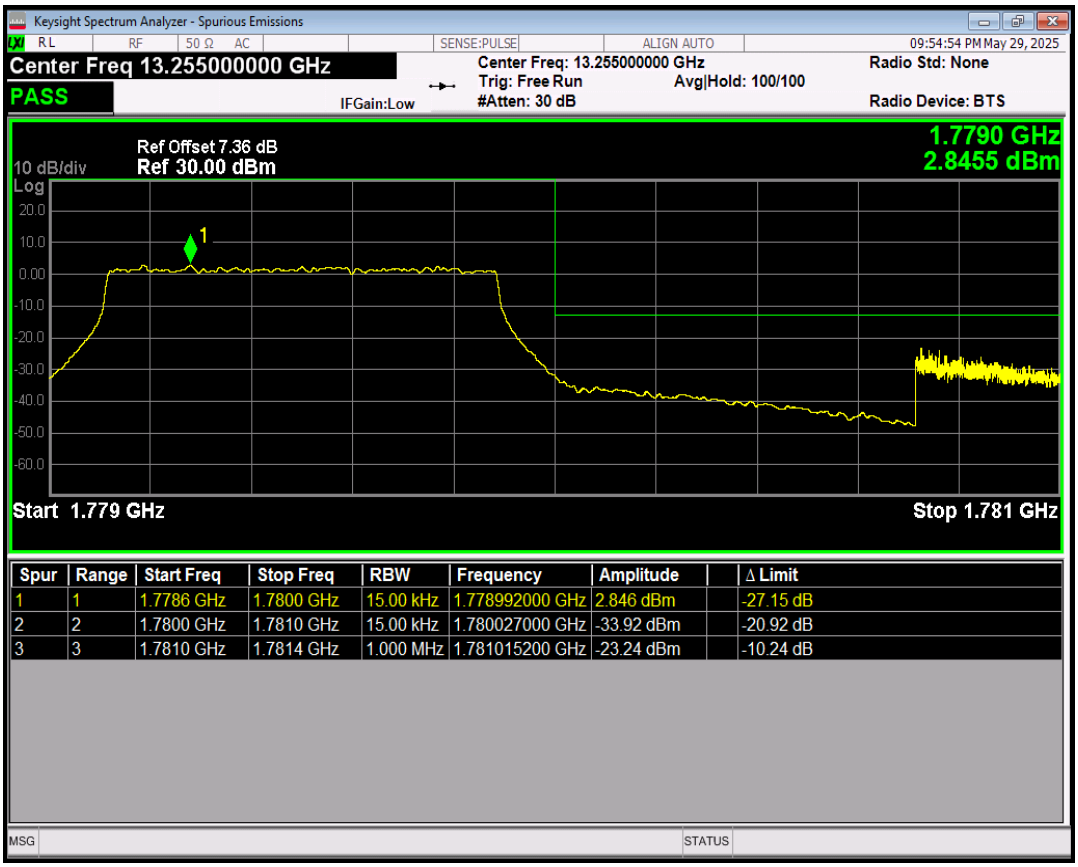
Band66 16QAM BW=1.4MHz Channel=132665 RB Size=1 Position=#0



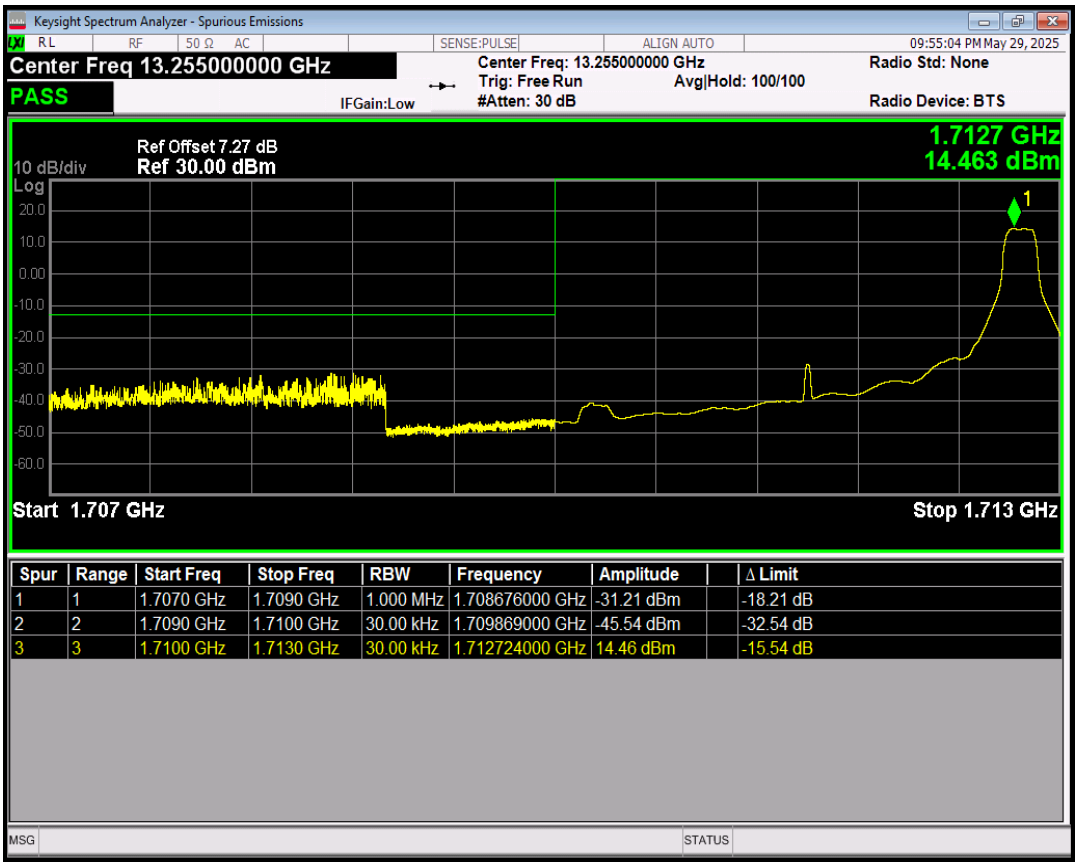
Band66 16QAM BW=1.4MHz Channel=132665 RB Size=1 Position=#Max



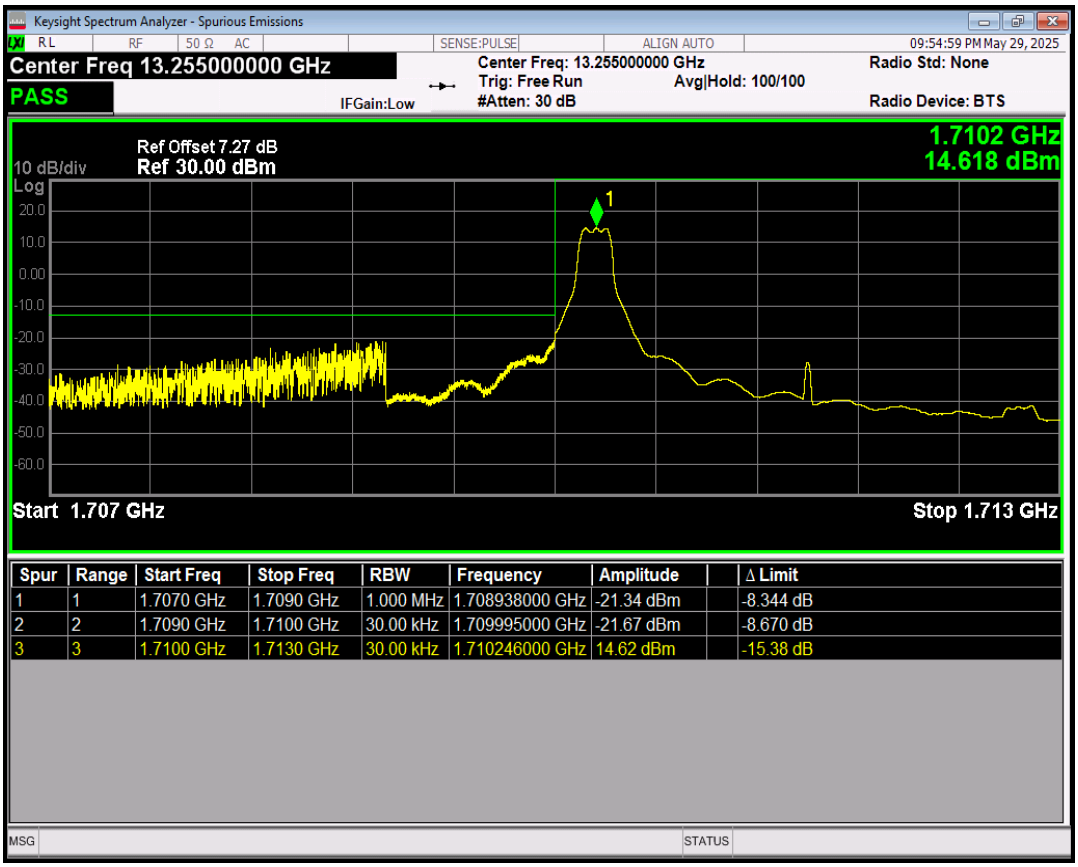
Band66 16QAM BW=1.4MHz Channel=132665 RB Size=6 Position=#0



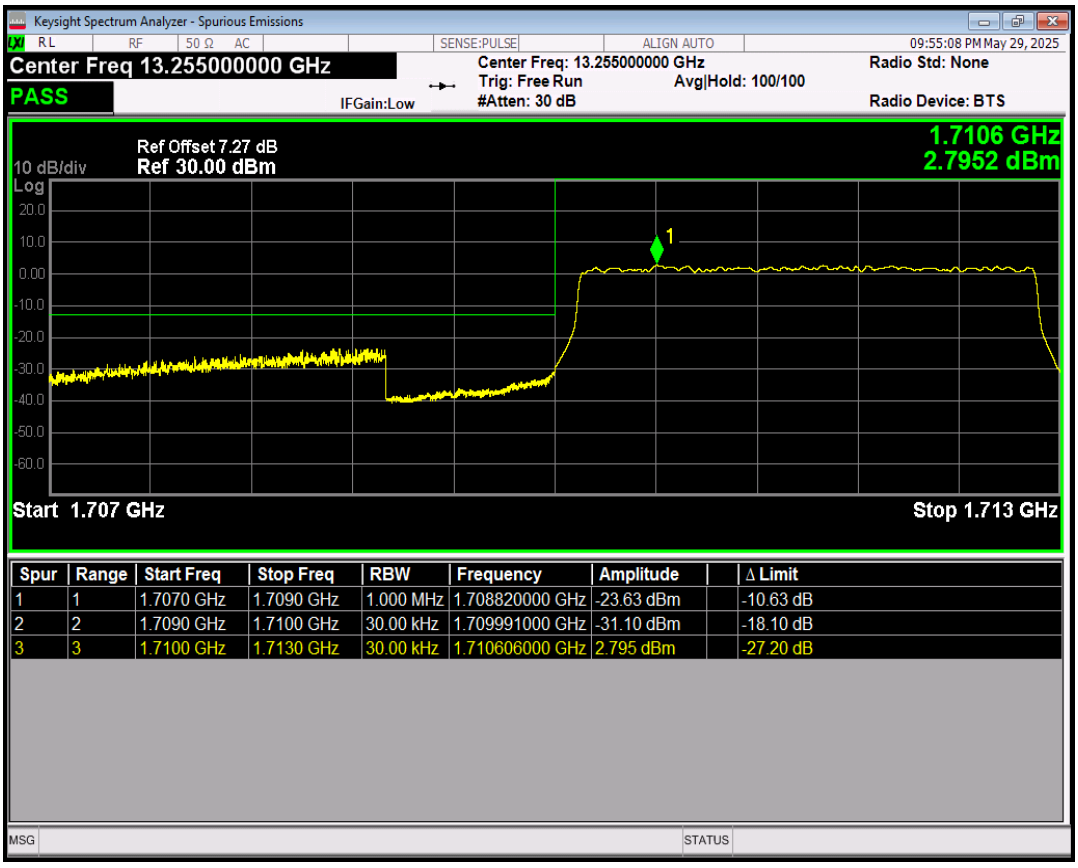
Band66 QPSK BW=3MHz Channel=131987 RB Size=1 Position=#Max



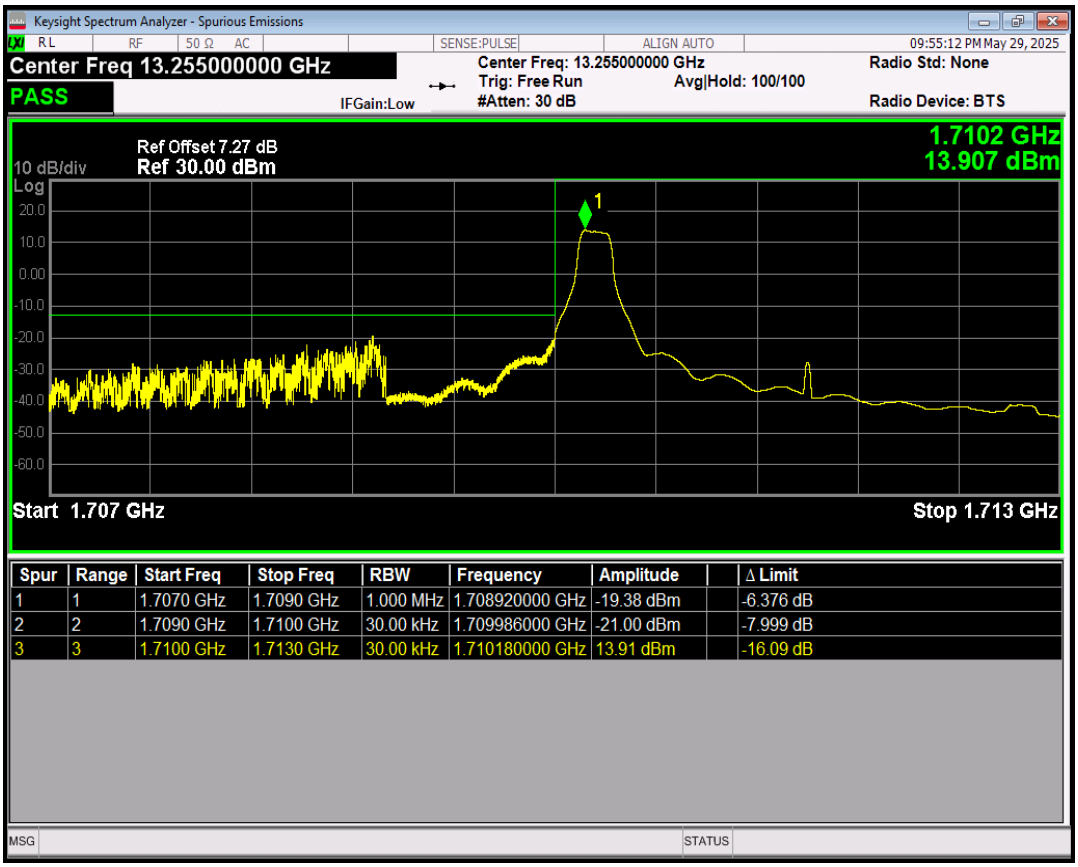
Band66 QPSK BW=3MHz Channel=131987 RB Size=1 Position=#0



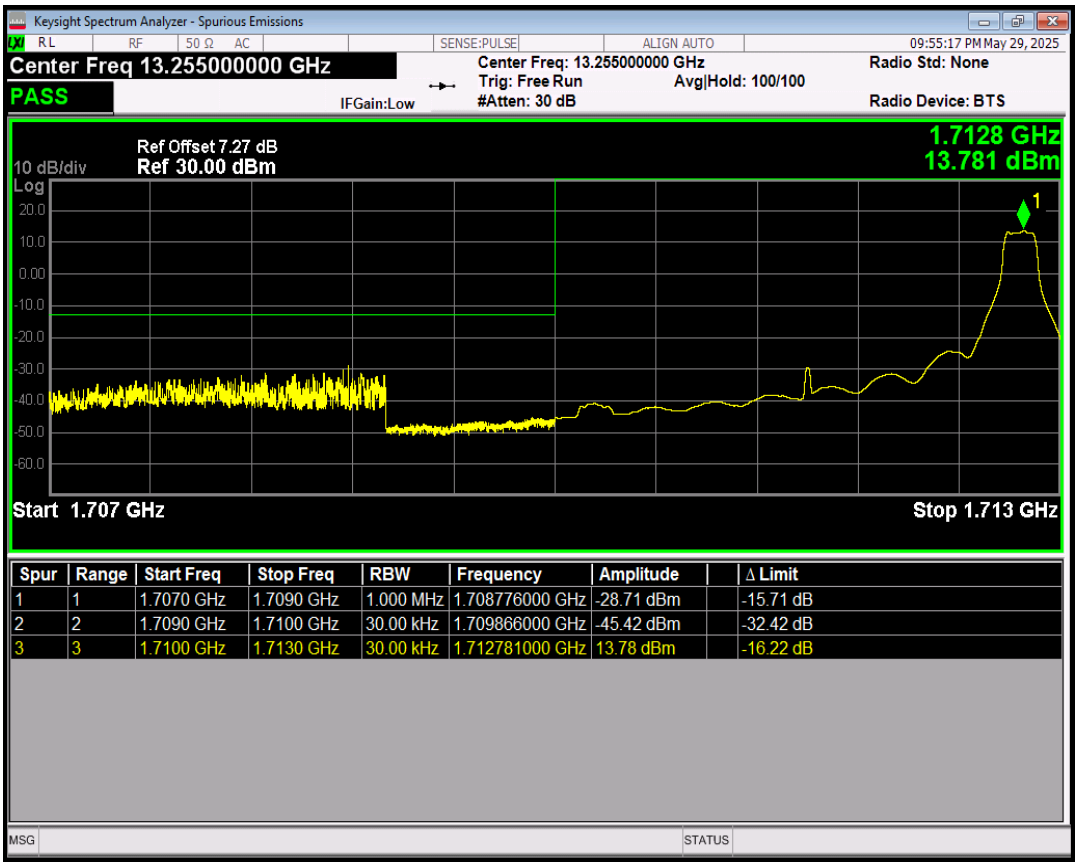
Band66 QPSK BW=3MHz Channel=131987 RB Size=15 Position=#0



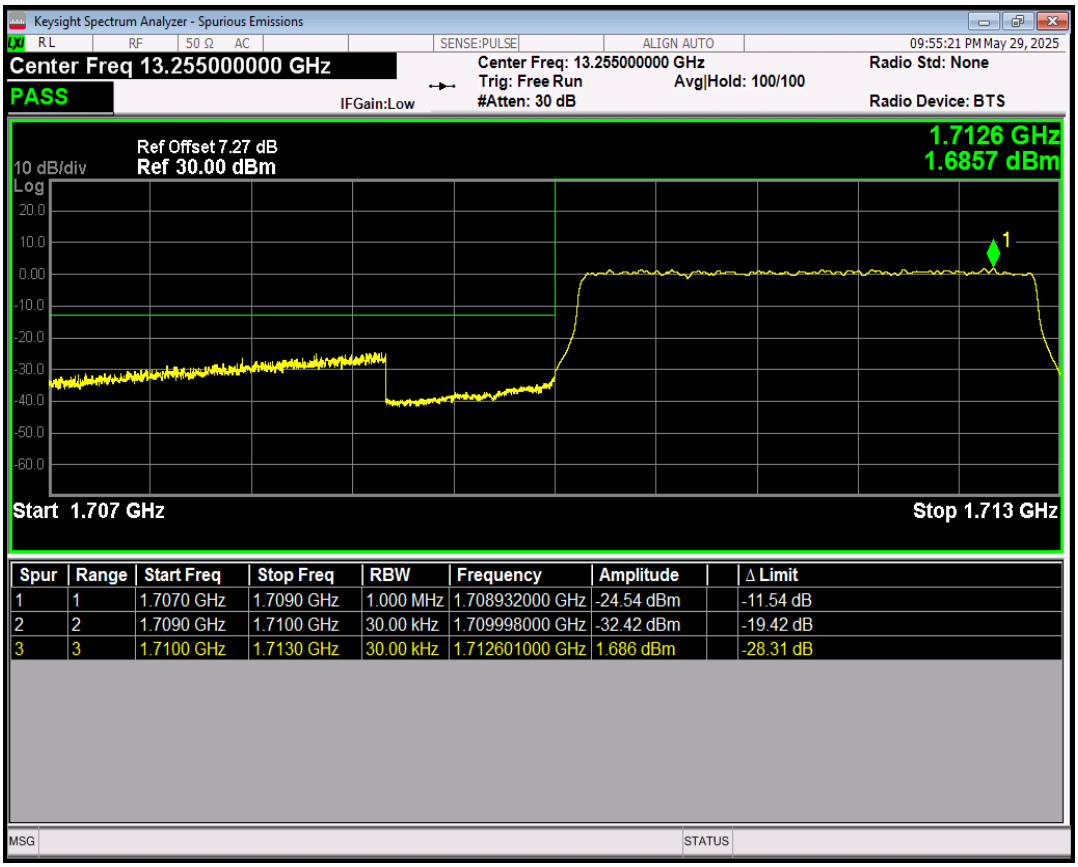
Band66 16QAM BW=3MHz Channel=131987 RB Size=1 Position=#0



Band66 16QAM BW=3MHz Channel=131987 RB Size=1 Position=#Max

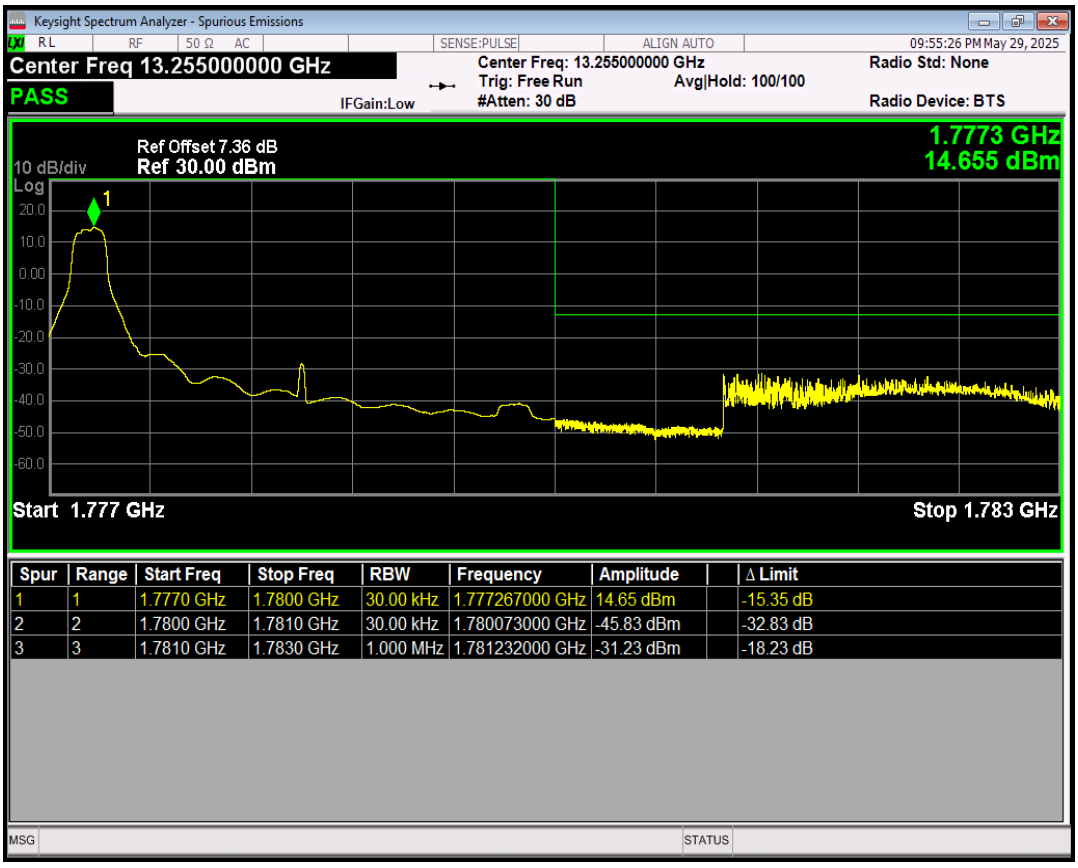


Band66 16QAM BW=3MHz Channel=131987 RB Size=15 Position=#0



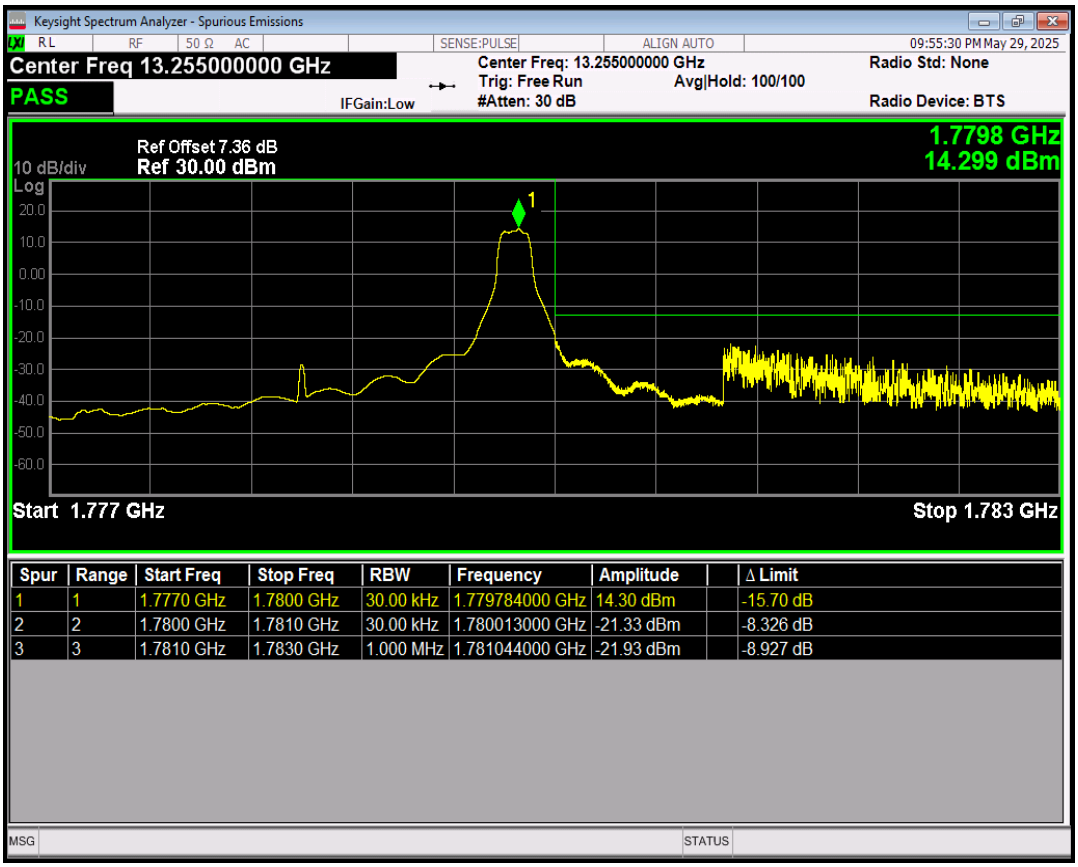
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.7070 GHz	1.7090 GHz	1.000 MHz	1.708932000 GHz	-24.54 dBm	-11.54 dB
2	2	1.7090 GHz	1.7100 GHz	30.00 kHz	1.709998000 GHz	-32.42 dBm	-19.42 dB
3	3	1.7100 GHz	1.7130 GHz	30.00 kHz	1.712601000 GHz	1.686 dBm	-28.31 dB

Band66 QPSK BW=3MHz Channel=132657 RB Size=1 Position=#0



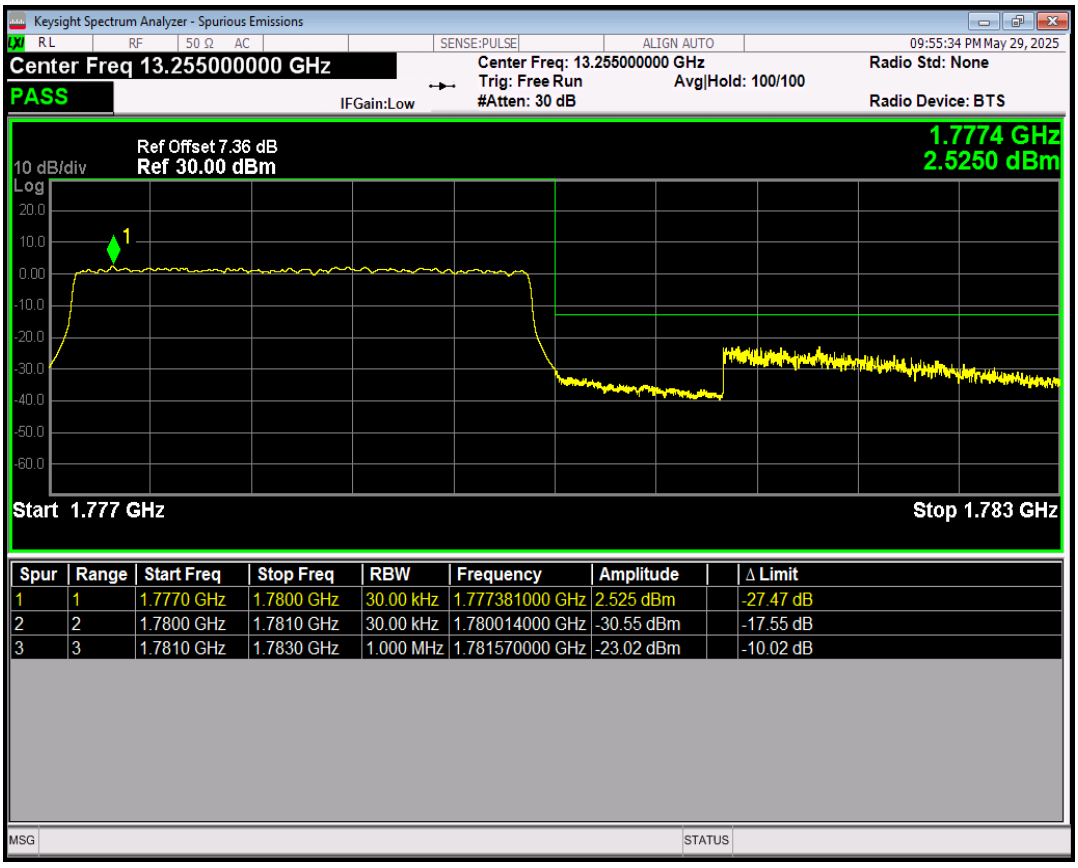
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.7770 GHz	1.7800 GHz	30.00 kHz	1.777267000 GHz	14.65 dBm	-15.35 dB
2	2	1.7800 GHz	1.7810 GHz	30.00 kHz	1.780073000 GHz	-45.83 dBm	-32.83 dB
3	3	1.7810 GHz	1.7830 GHz	1.000 MHz	1.781232000 GHz	-31.23 dBm	-18.23 dB

Band66 QPSK BW=3MHz Channel=132657 RB Size=1 Position=#Max



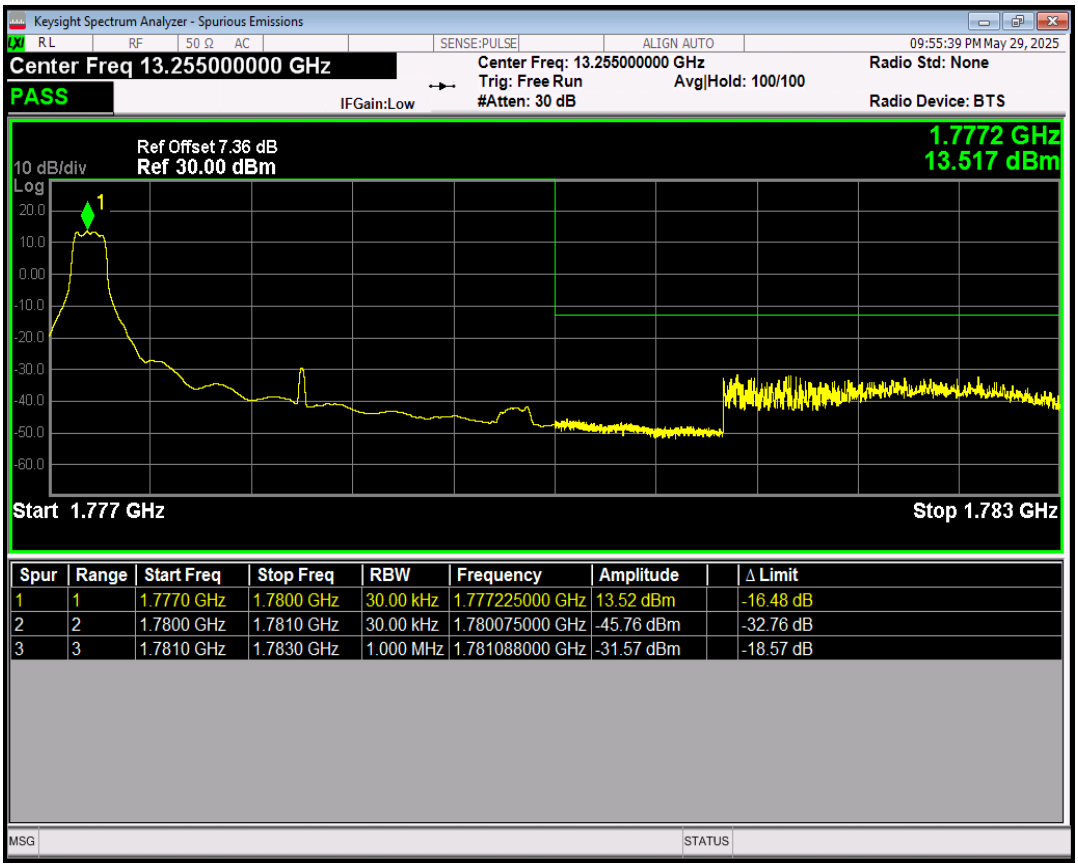
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude		Δ Limit
1	1	1.7770 GHz	1.7800 GHz	30.00 kHz	1.779784000 GHz	14.30 dBm		-15.70 dB
2	2	1.7800 GHz	1.7810 GHz	30.00 kHz	1.780013000 GHz	-21.33 dBm		-8.326 dB
3	3	1.7810 GHz	1.7830 GHz	1.000 MHz	1.781044000 GHz	-21.93 dBm		-8.927 dB

Band66 QPSK BW=3MHz Channel=132657 RB Size=15 Position=#0



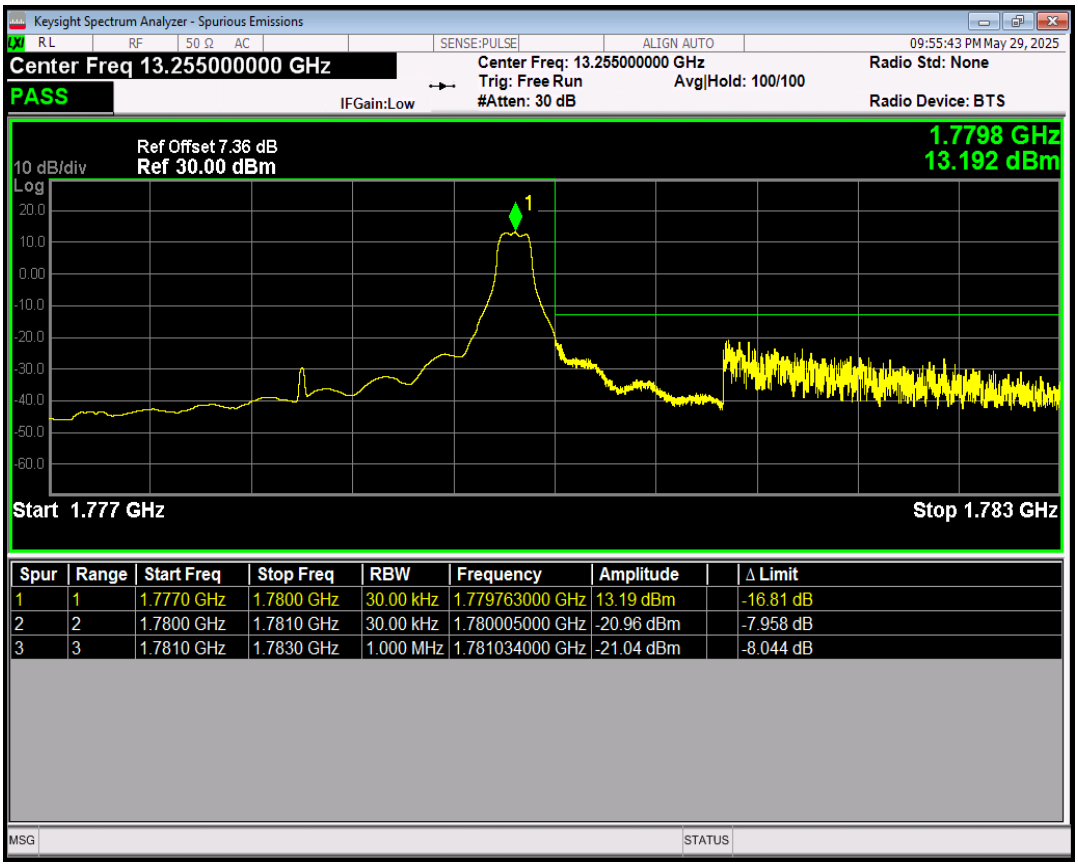
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude		Δ Limit
1	1	1.7770 GHz	1.7800 GHz	30.00 kHz	1.777381000 GHz	2.525 dBm		-27.47 dB
2	2	1.7800 GHz	1.7810 GHz	30.00 kHz	1.780014000 GHz	-30.55 dBm		-17.55 dB
3	3	1.7810 GHz	1.7830 GHz	1.000 MHz	1.781570000 GHz	-23.02 dBm		-10.02 dB

Band66 16QAM BW=3MHz Channel=132657 RB Size=1 Position=#0



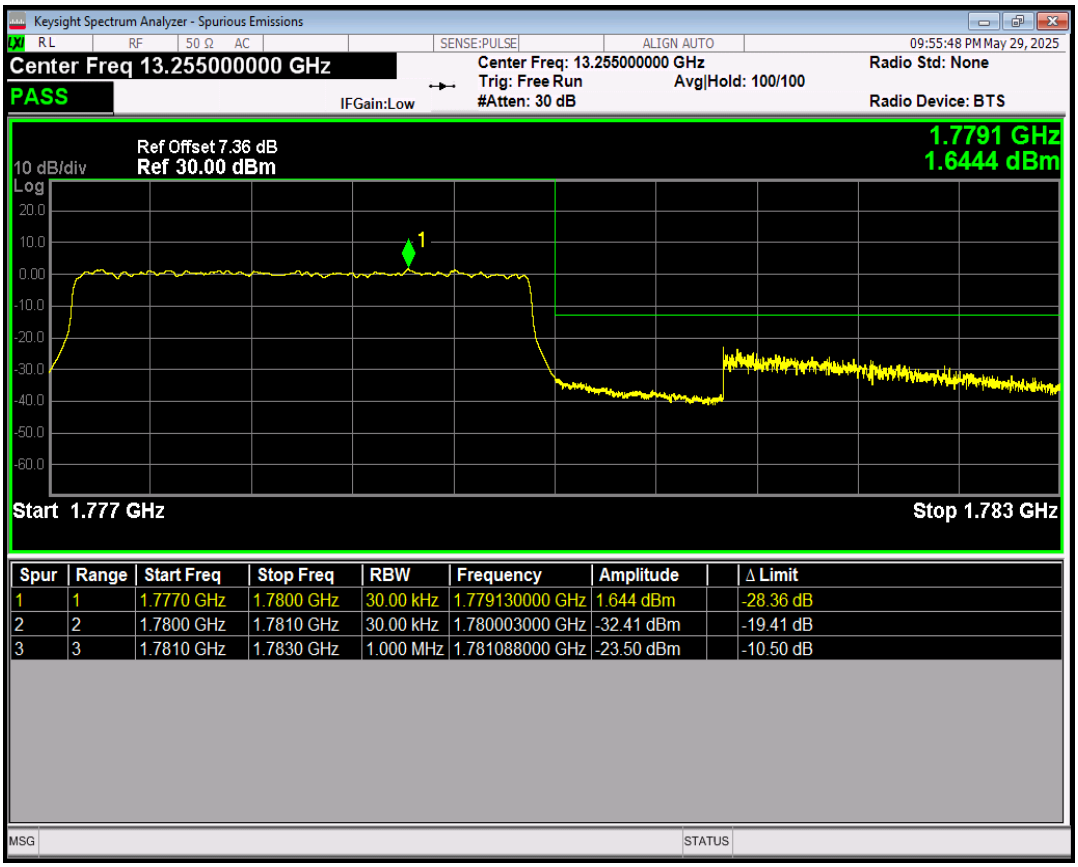
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.7770 GHz	1.7800 GHz	30.00 kHz	1.777225000 GHz	13.52 dBm	-16.48 dB
2	2	1.7800 GHz	1.7810 GHz	30.00 kHz	1.780075000 GHz	-45.76 dBm	-32.76 dB
3	3	1.7810 GHz	1.7830 GHz	1.000 MHz	1.781088000 GHz	-31.57 dBm	-18.57 dB

Band66 16QAM BW=3MHz Channel=132657 RB Size=1 Position=#Max

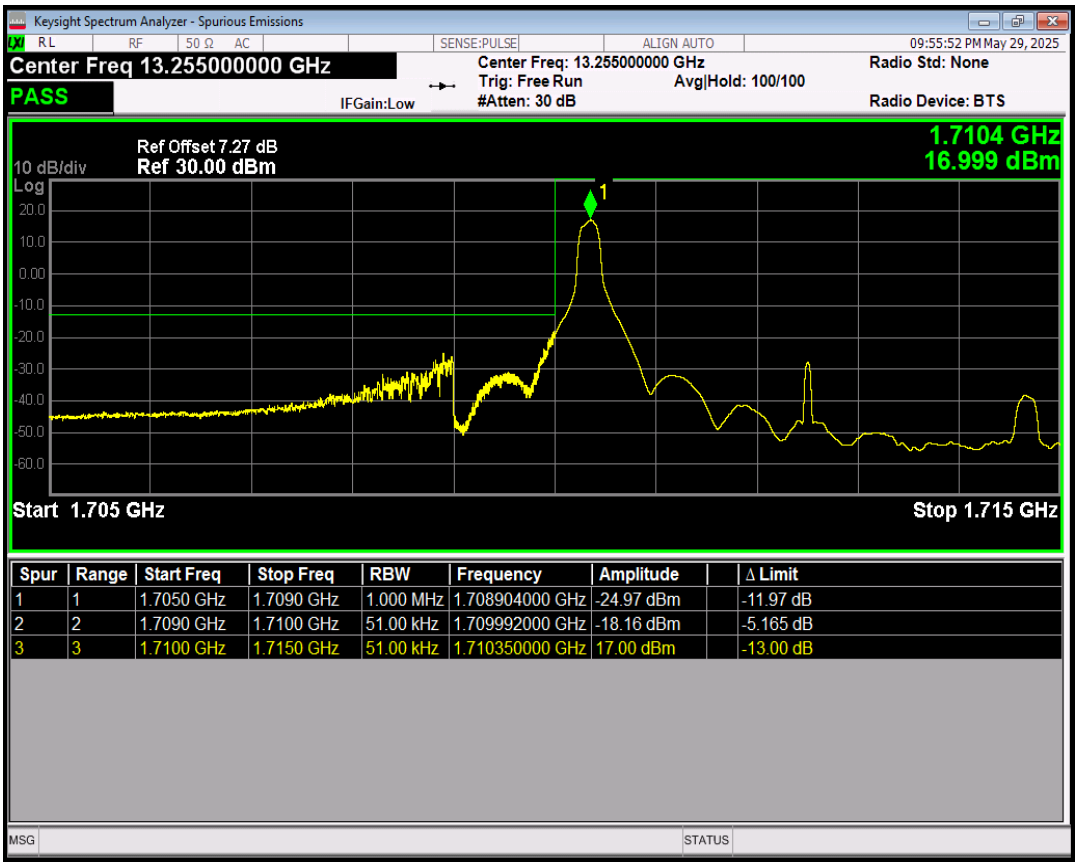


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.7770 GHz	1.7800 GHz	30.00 kHz	1.779763000 GHz	13.19 dBm	-16.81 dB
2	2	1.7800 GHz	1.7810 GHz	30.00 kHz	1.780005000 GHz	-20.96 dBm	-7.958 dB
3	3	1.7810 GHz	1.7830 GHz	1.000 MHz	1.781034000 GHz	-21.04 dBm	-8.044 dB

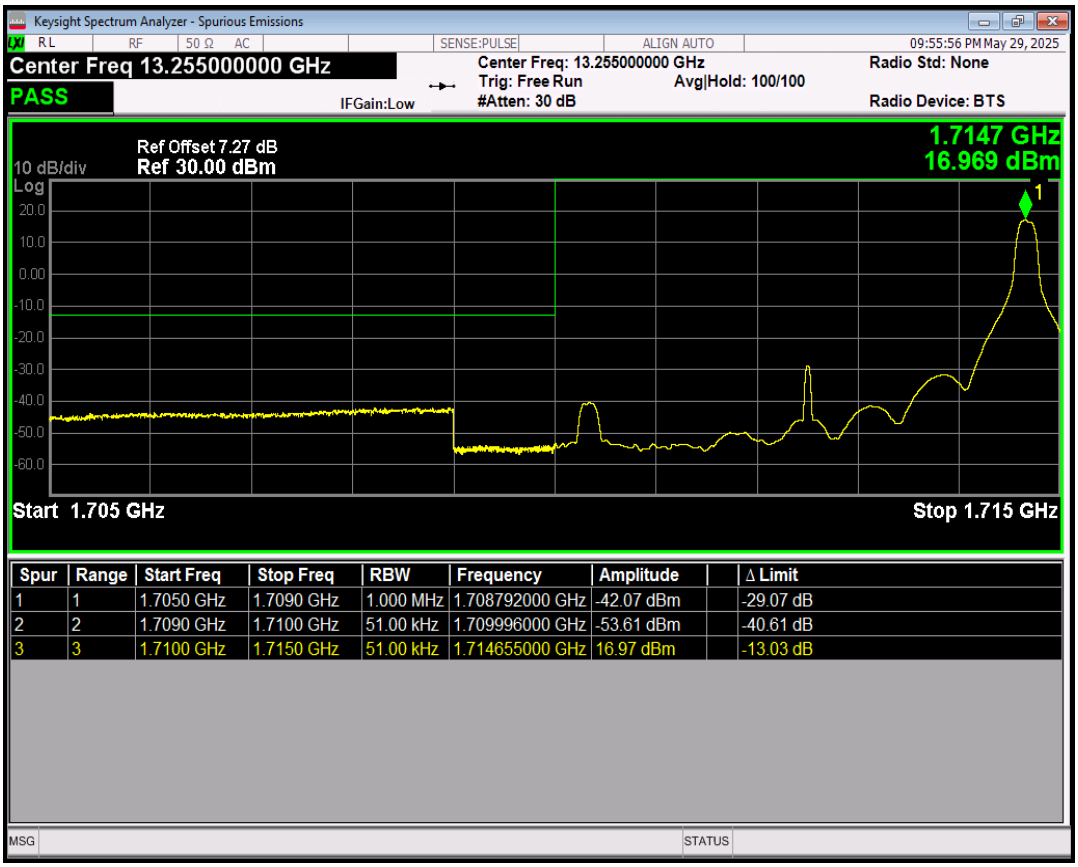
Band66 16QAM BW=3MHz Channel=132657 RB Size=15 Position=#0



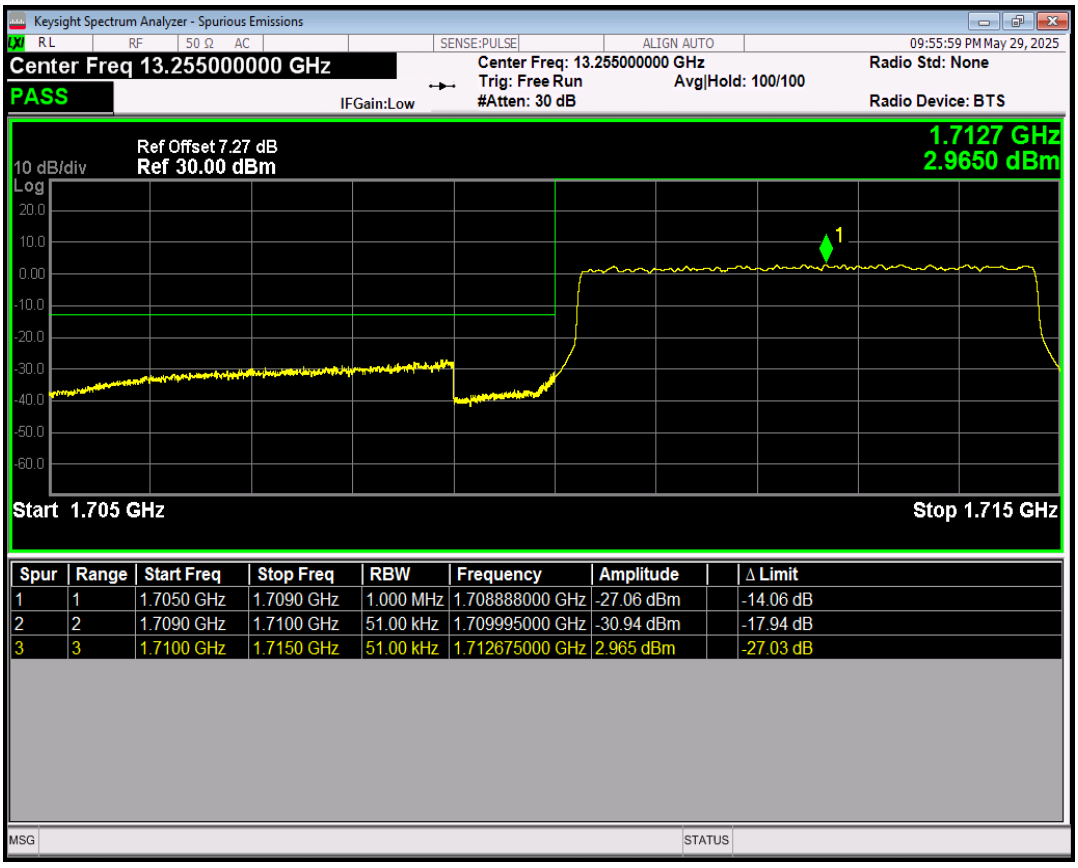
Band66 QPSK BW=5MHz Channel=131997 RB Size=1 Position=#0



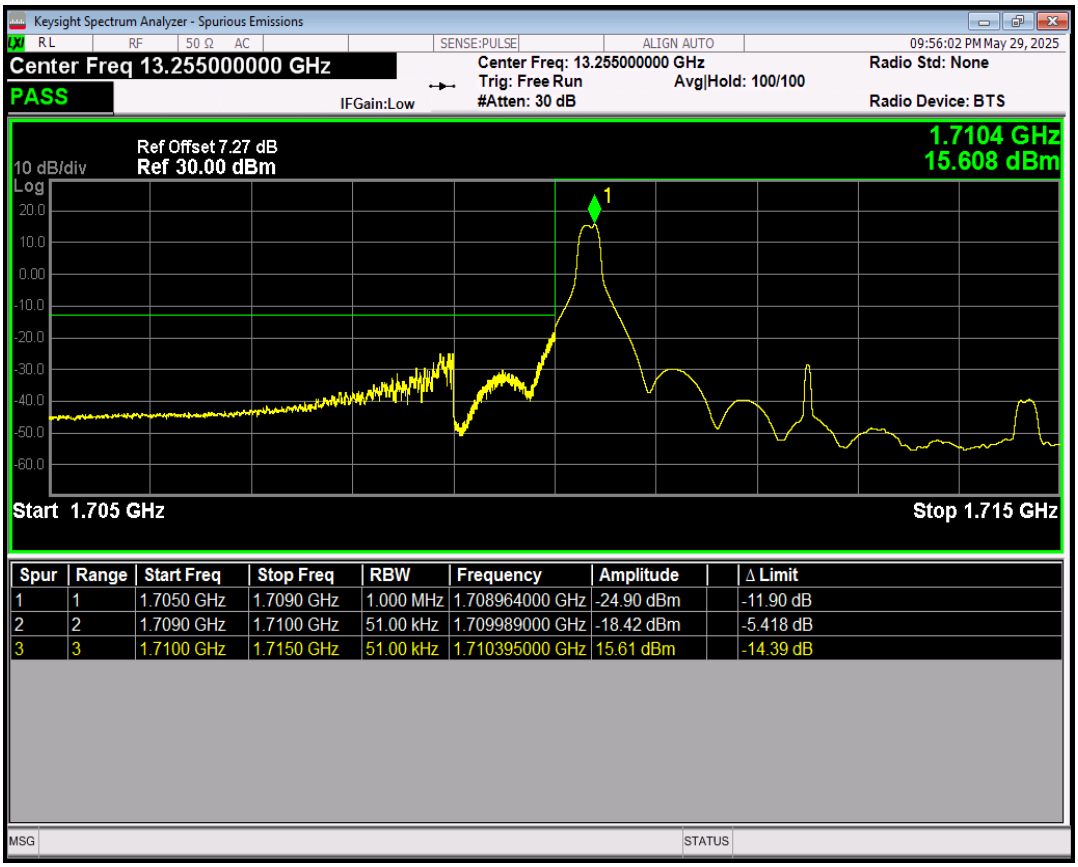
Band66 QPSK BW=5MHz Channel=131997 RB Size=1 Position=#Max



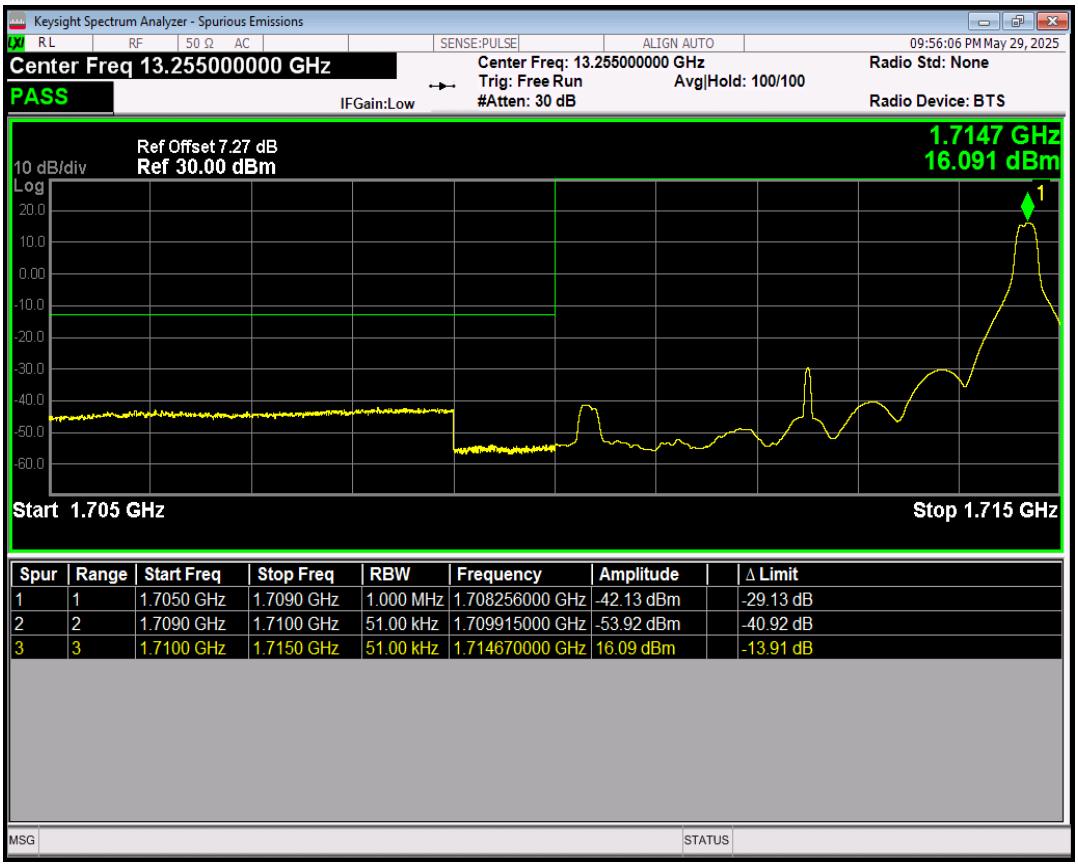
Band66 QPSK BW=5MHz Channel=131997 RB Size=25 Position=#0



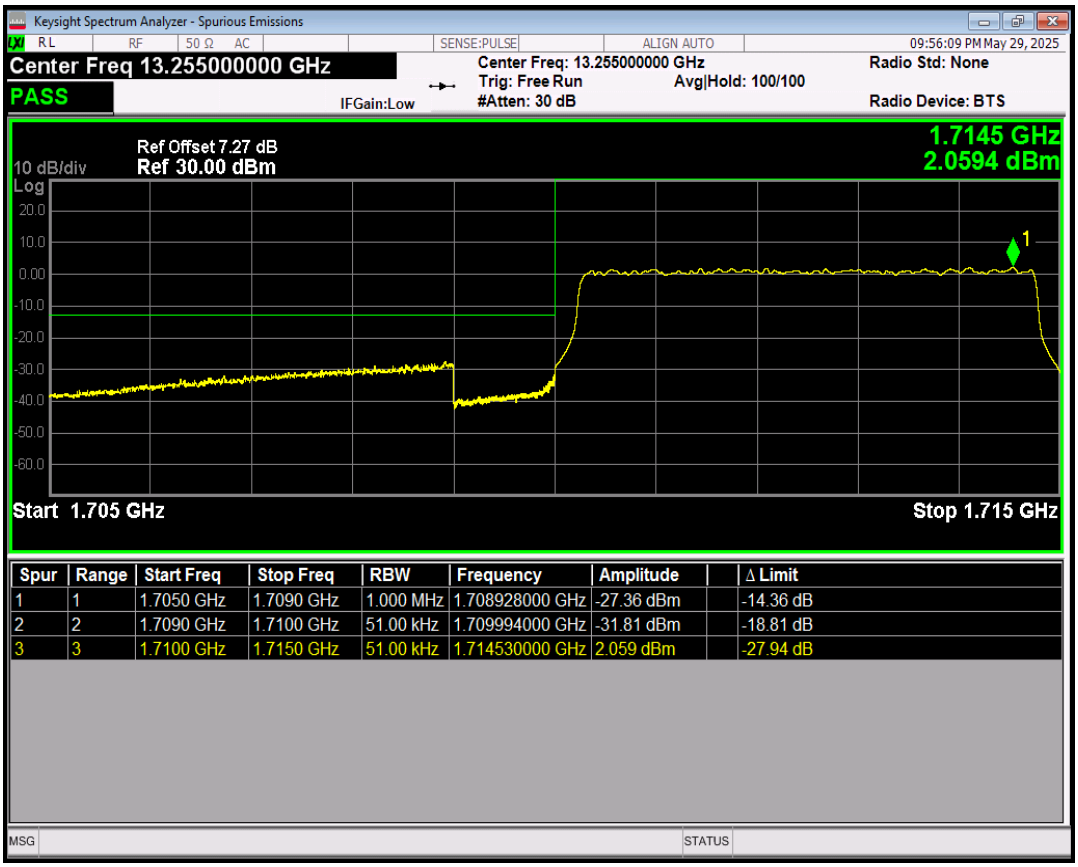
Band66 16QAM BW=5MHz Channel=131997 RB Size=1 Position=#0



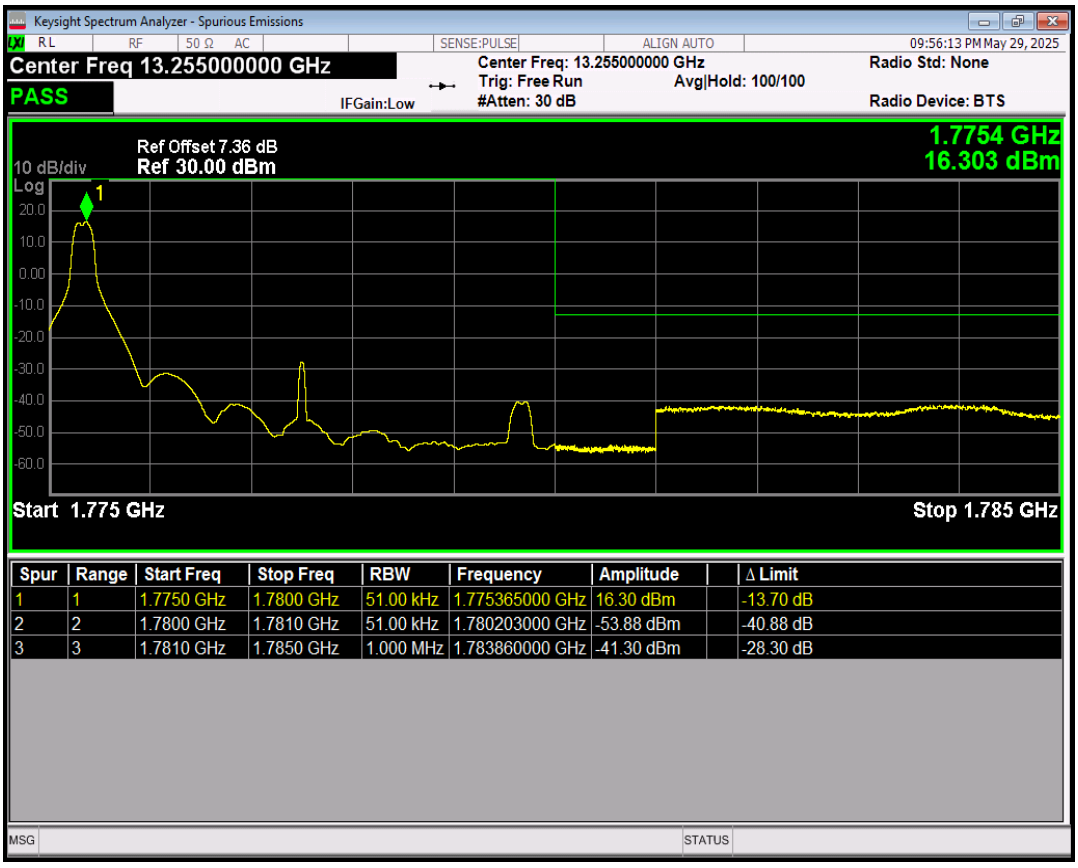
Band66 16QAM BW=5MHz Channel=131997 RB Size=1 Position=#Max



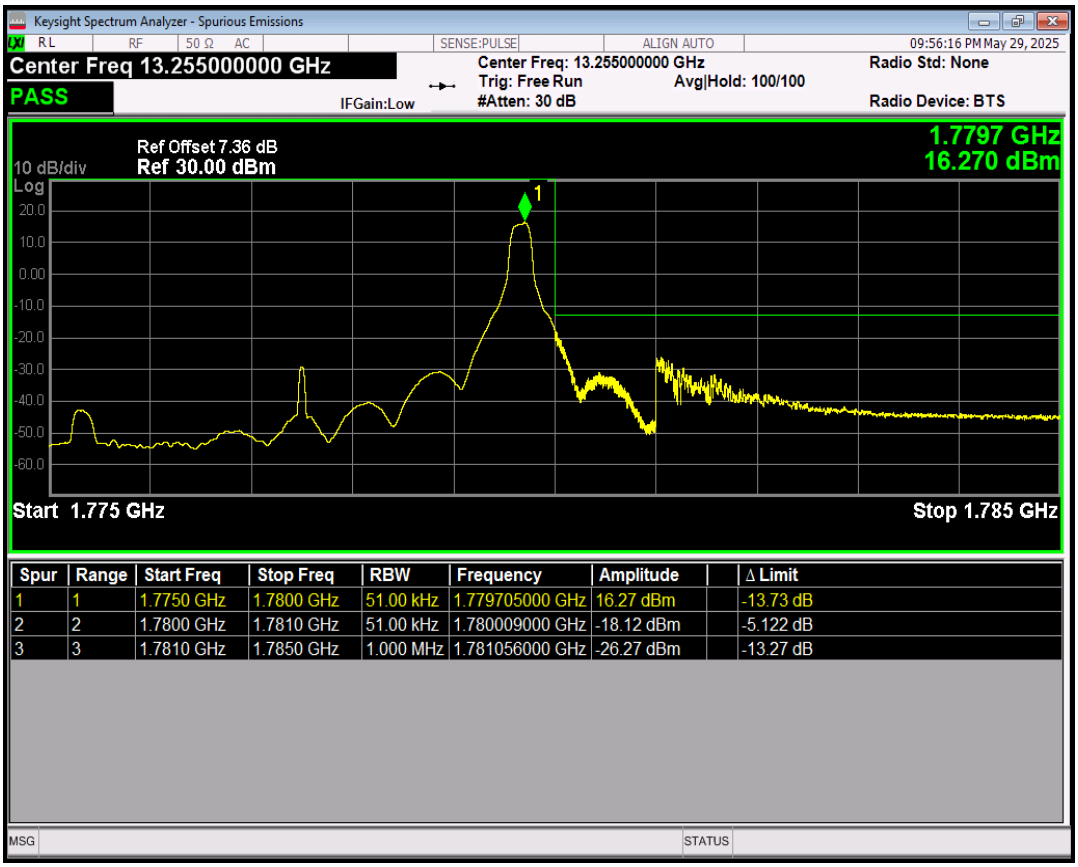
Band66 16QAM BW=5MHz Channel=131997 RB Size=25 Position=#0



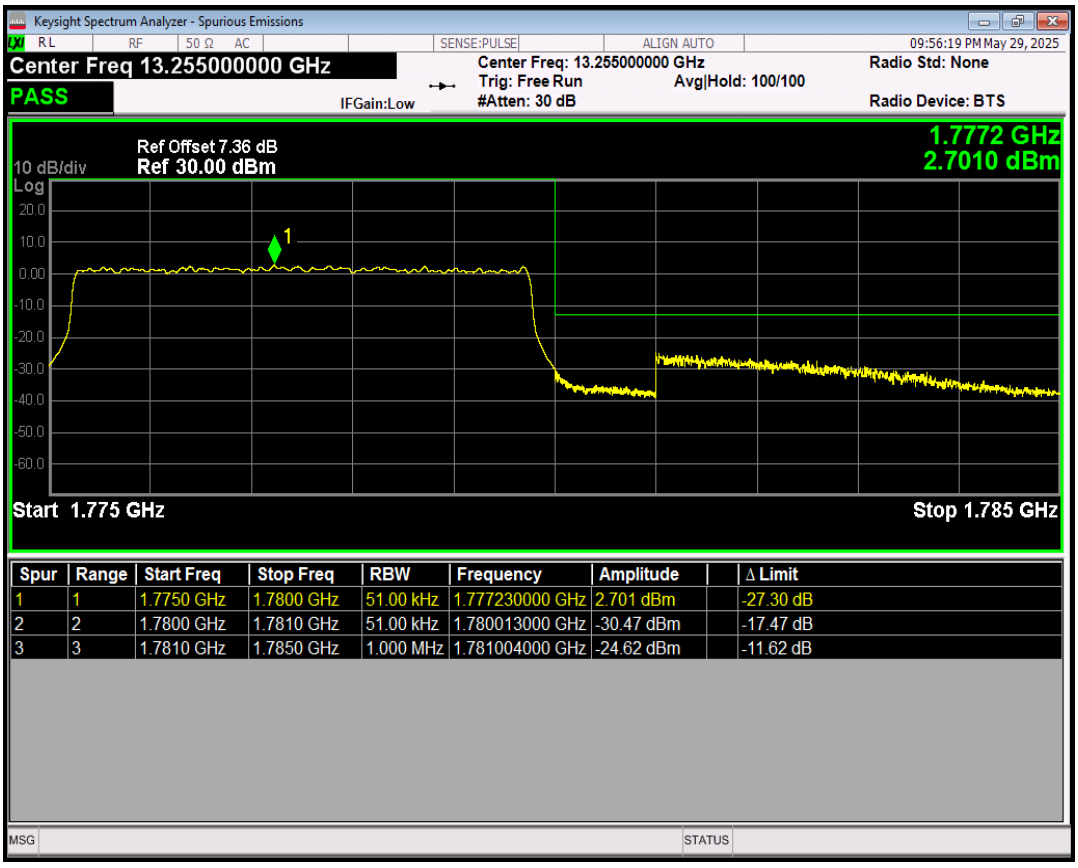
Band66 QPSK BW=5MHz Channel=132647 RB Size=1 Position=#0



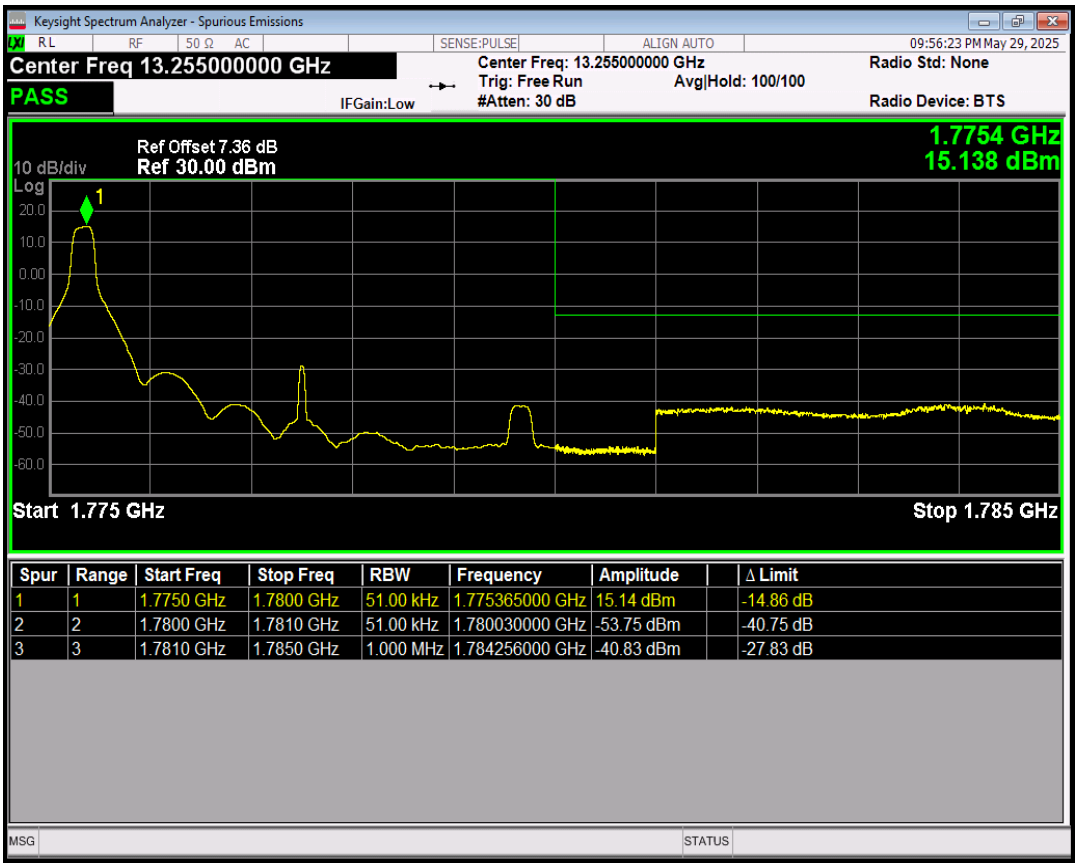
Band66 QPSK BW=5MHz Channel=132647 RB Size=1 Position=#Max



Band66 QPSK BW=5MHz Channel=132647 RB Size=25 Position=#0

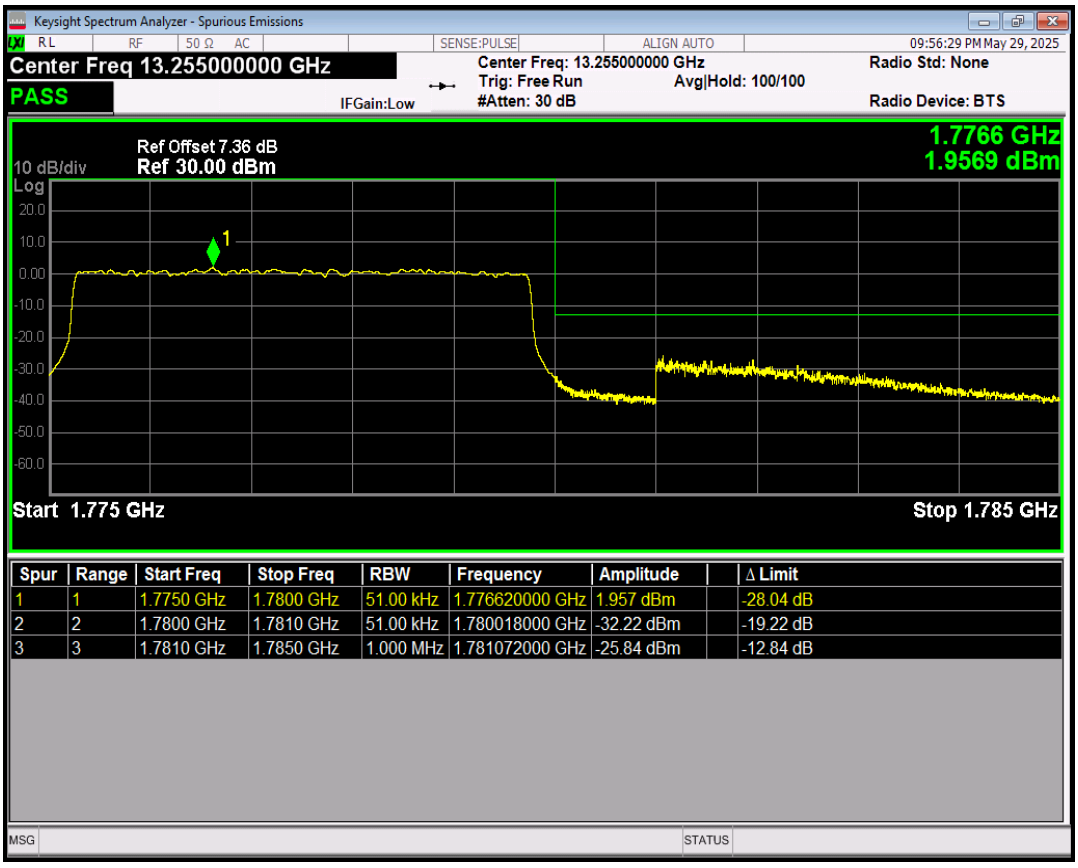


Band66 16QAM BW=5MHz Channel=132647 RB Size=1 Position=#0



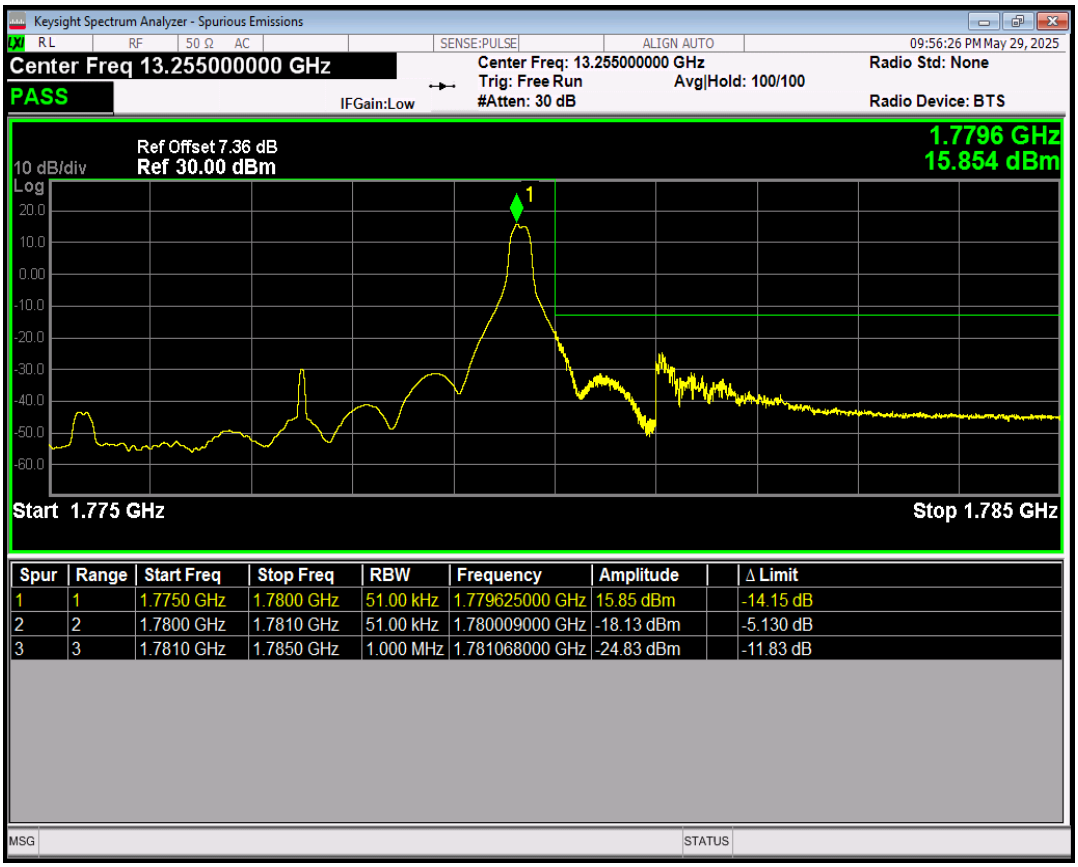
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.7750 GHz	1.7800 GHz	51.00 kHz	1.775365000 GHz	15.14 dBm	-14.86 dB
2	2	1.7800 GHz	1.7810 GHz	51.00 kHz	1.780030000 GHz	-53.75 dBm	-40.75 dB
3	3	1.7810 GHz	1.7850 GHz	1.000 MHz	1.784256000 GHz	-40.83 dBm	-27.83 dB

Band66 16QAM BW=5MHz Channel=132647 RB Size=25 Position=#0



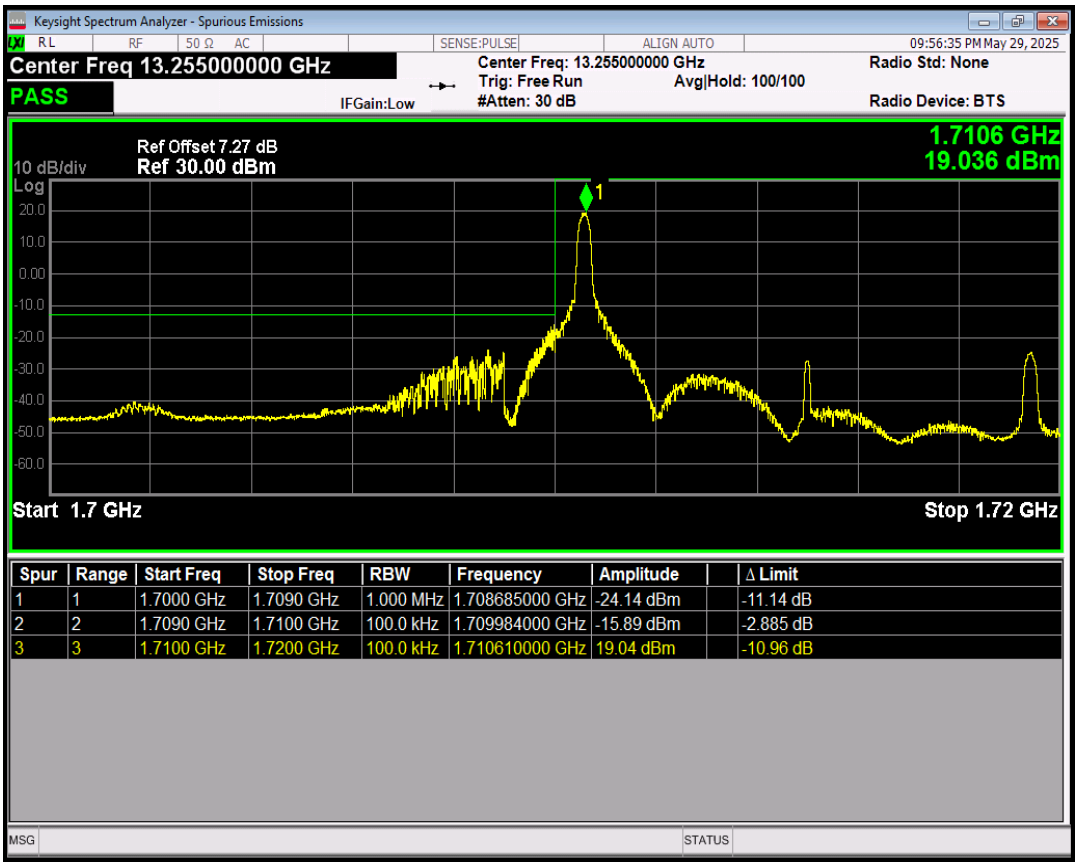
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.7750 GHz	1.7800 GHz	51.00 kHz	1.776620000 GHz	1.957 dBm	-28.04 dB
2	2	1.7800 GHz	1.7810 GHz	51.00 kHz	1.780018000 GHz	-32.22 dBm	-19.22 dB
3	3	1.7810 GHz	1.7850 GHz	1.000 MHz	1.781072000 GHz	-25.84 dBm	-12.84 dB

Band66 16QAM BW=5MHz Channel=132647 RB Size=1 Position=#Max



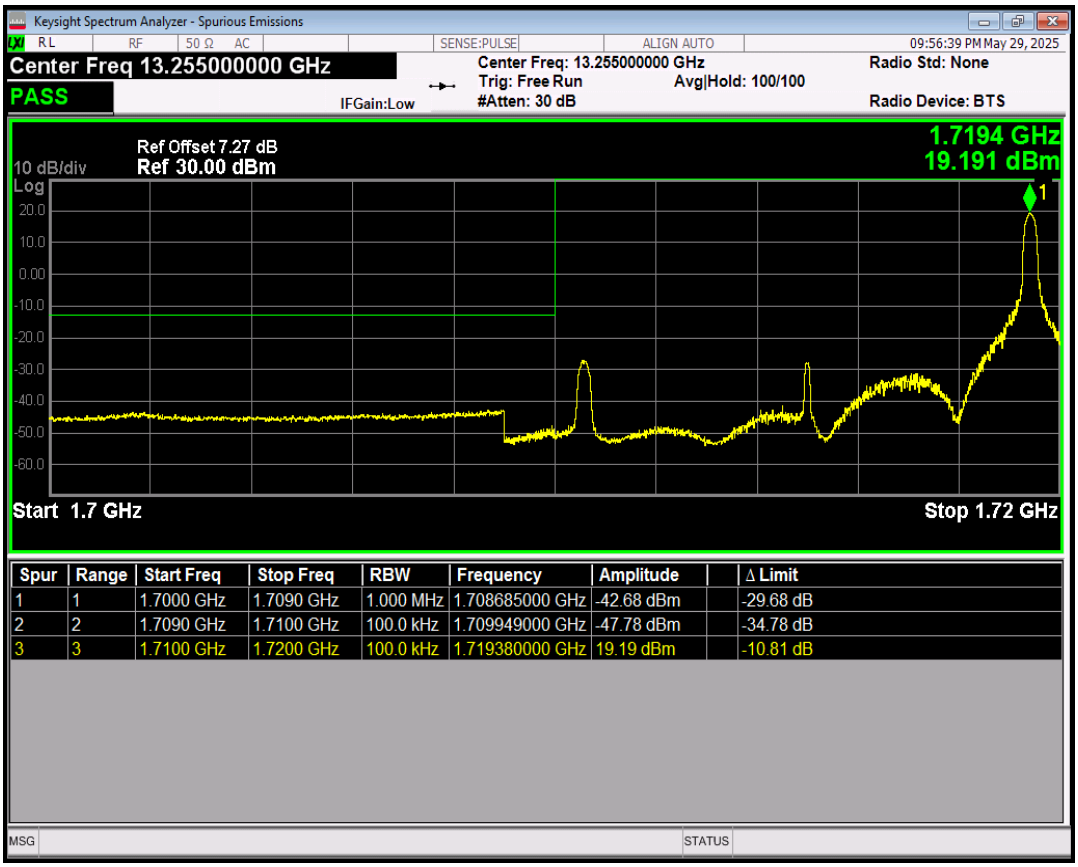
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.7750 GHz	1.7800 GHz	51.00 kHz	1.779625000 GHz	15.85 dBm	-14.15 dB
2	2	1.7800 GHz	1.7810 GHz	51.00 kHz	1.780009000 GHz	-18.13 dBm	-5.130 dB
3	3	1.7810 GHz	1.7850 GHz	1.000 MHz	1.781068000 GHz	-24.83 dBm	-11.83 dB

Band66 QPSK BW=10MHz Channel=132022 RB Size=1 Position=#0

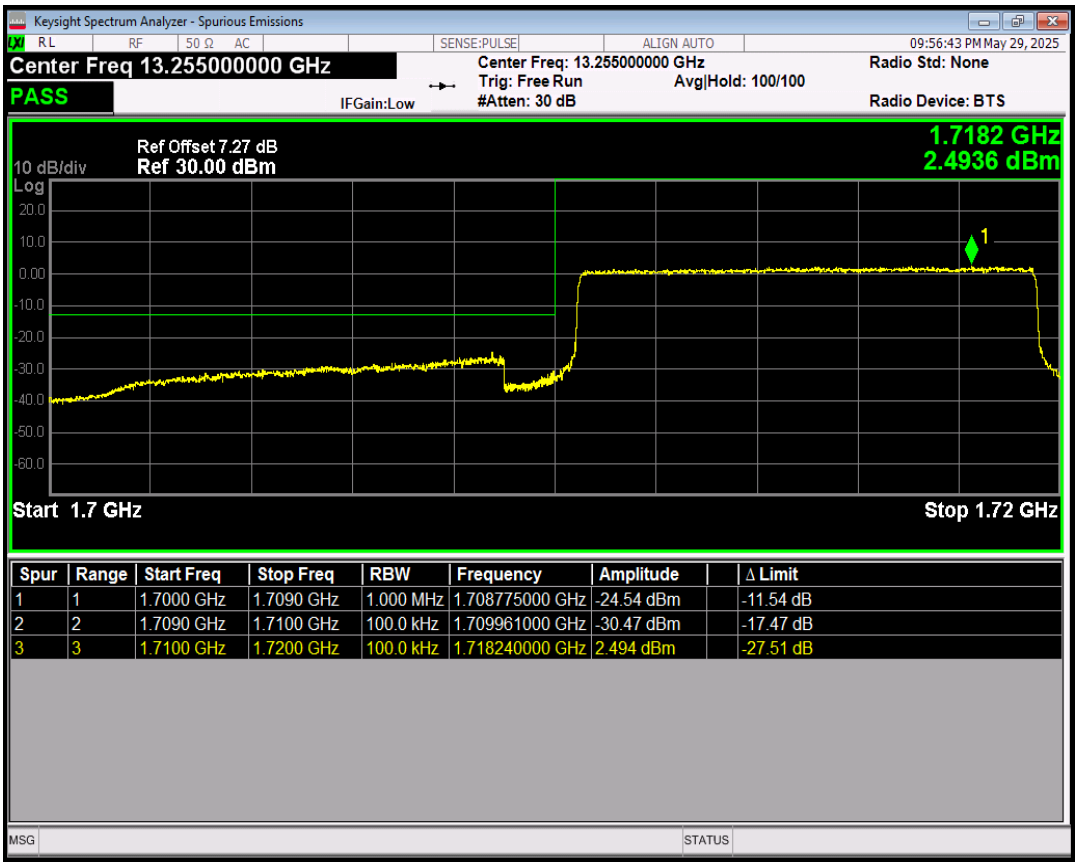


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.7000 GHz	1.7090 GHz	1.000 MHz	1.708685000 GHz	-24.14 dBm	-11.14 dB
2	2	1.7090 GHz	1.7100 GHz	100.0 kHz	1.709984000 GHz	-15.89 dBm	-2.885 dB
3	3	1.7100 GHz	1.7200 GHz	100.0 kHz	1.710610000 GHz	19.04 dBm	-10.96 dB

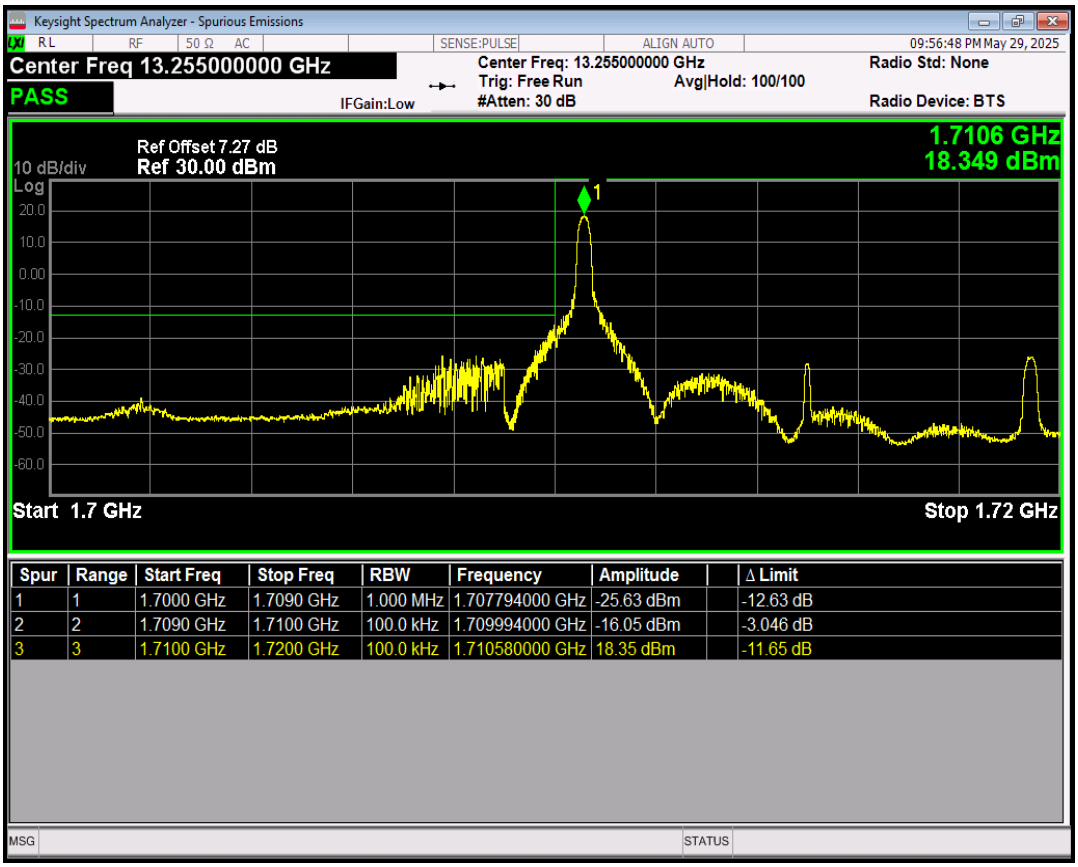
Band66 QPSK BW=10MHz Channel=132022 RB Size=1 Position=#Max



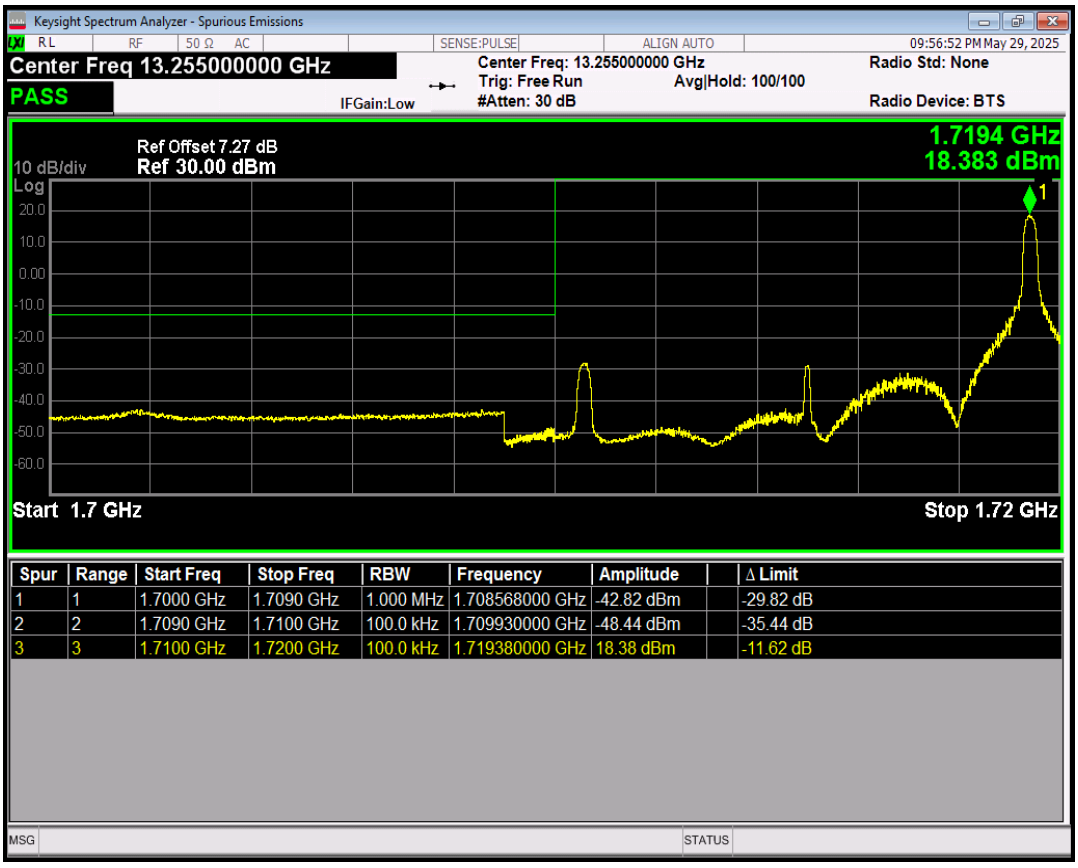
Band66 QPSK BW=10MHz Channel=132022 RB Size=50 Position=#0



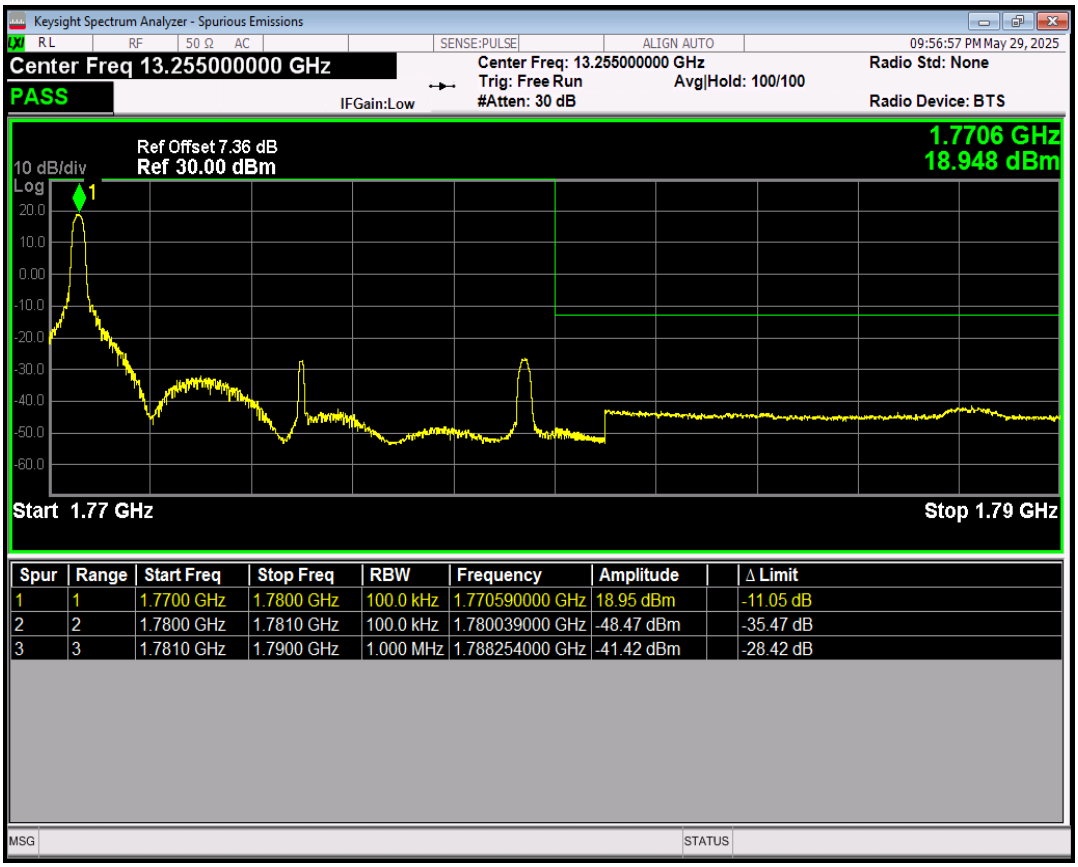
Band66 16QAM BW=10MHz Channel=132022 RB Size=1 Position=#0



Band66 16QAM BW=10MHz Channel=132022 RB Size=1 Position=#Max

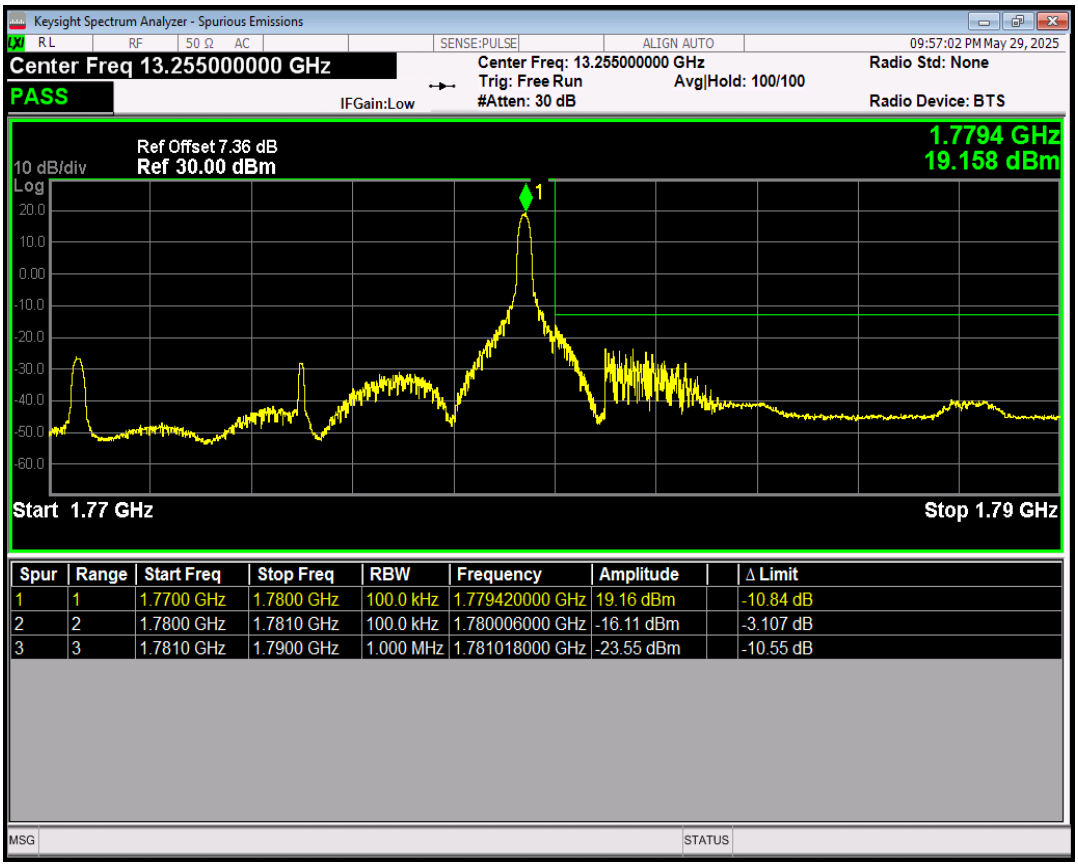


Band66 QPSK BW=10MHz Channel=132622 RB Size=1 Position=#0



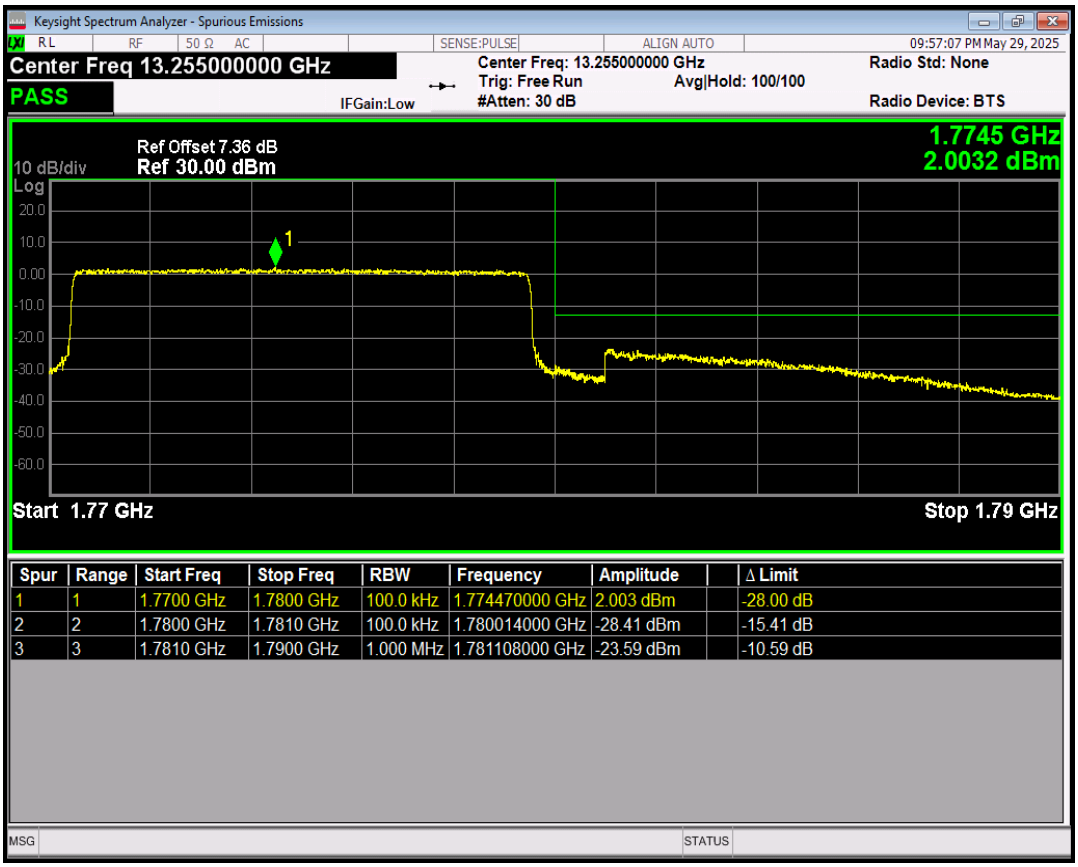
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.7700 GHz	1.7800 GHz	100.0 kHz	1.770590000 GHz	18.95 dBm	-11.05 dB
2	2	1.7800 GHz	1.7810 GHz	100.0 kHz	1.780039000 GHz	-48.47 dBm	-35.47 dB
3	3	1.7810 GHz	1.7900 GHz	1.000 MHz	1.788254000 GHz	-41.42 dBm	-28.42 dB

Band66 QPSK BW=10MHz Channel=132622 RB Size=1 Position=#Max



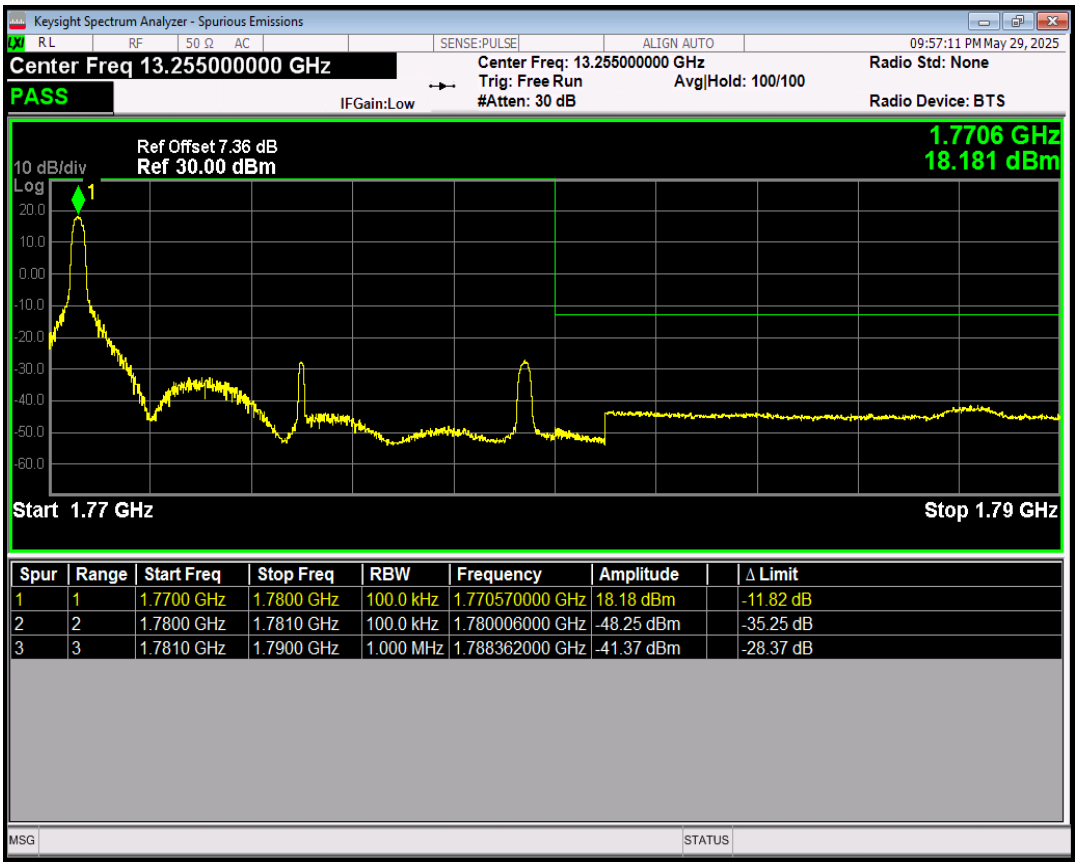
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.7700 GHz	1.7800 GHz	100.0 kHz	1.779420000 GHz	19.16 dBm	-10.84 dB
2	2	1.7800 GHz	1.7810 GHz	100.0 kHz	1.780006000 GHz	-16.11 dBm	-3.107 dB
3	3	1.7810 GHz	1.7900 GHz	1.000 MHz	1.781018000 GHz	-23.55 dBm	-10.55 dB

Band66 QPSK BW=10MHz Channel=132622 RB Size=50 Position=#0



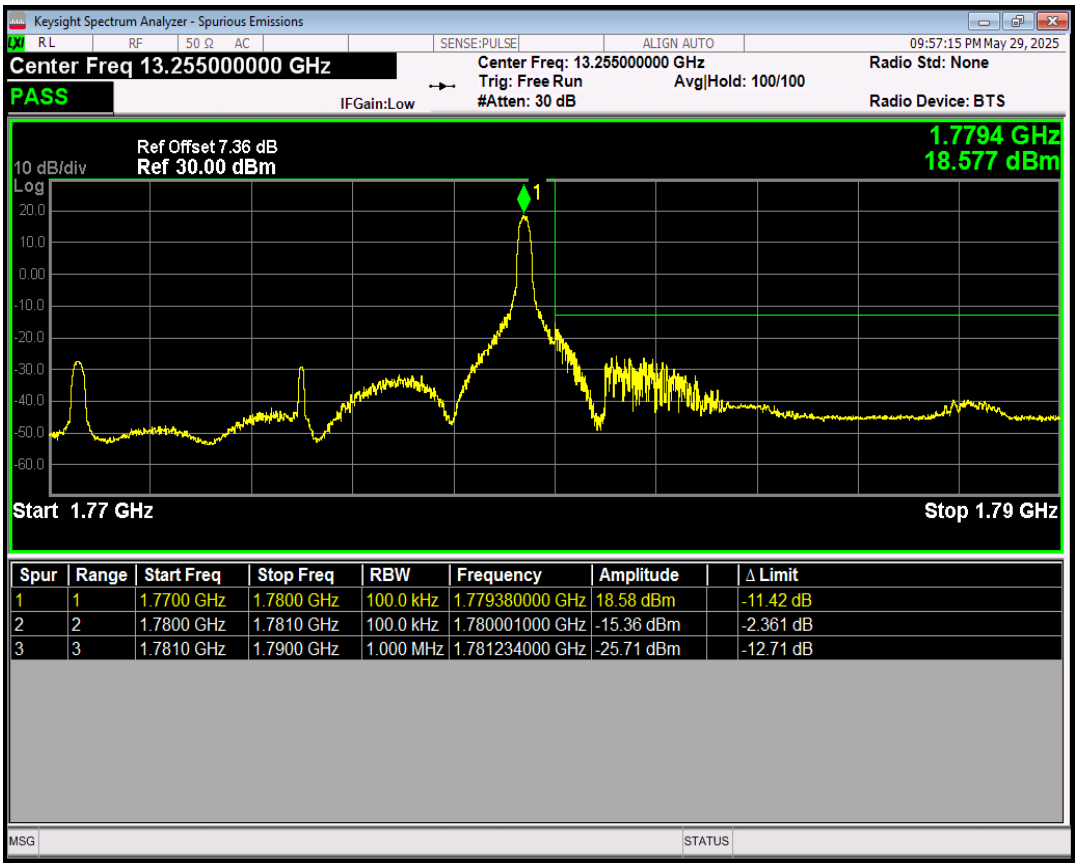
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.7700 GHz	1.7800 GHz	100.0 kHz	1.774470000 GHz	2.003 dBm	-28.00 dB
2	2	1.7800 GHz	1.7810 GHz	100.0 kHz	1.780014000 GHz	-28.41 dBm	-15.41 dB
3	3	1.7810 GHz	1.7900 GHz	1.000 MHz	1.781108000 GHz	-23.59 dBm	-10.59 dB

Band66 16QAM BW=10MHz Channel=132622 RB Size=1 Position=#0

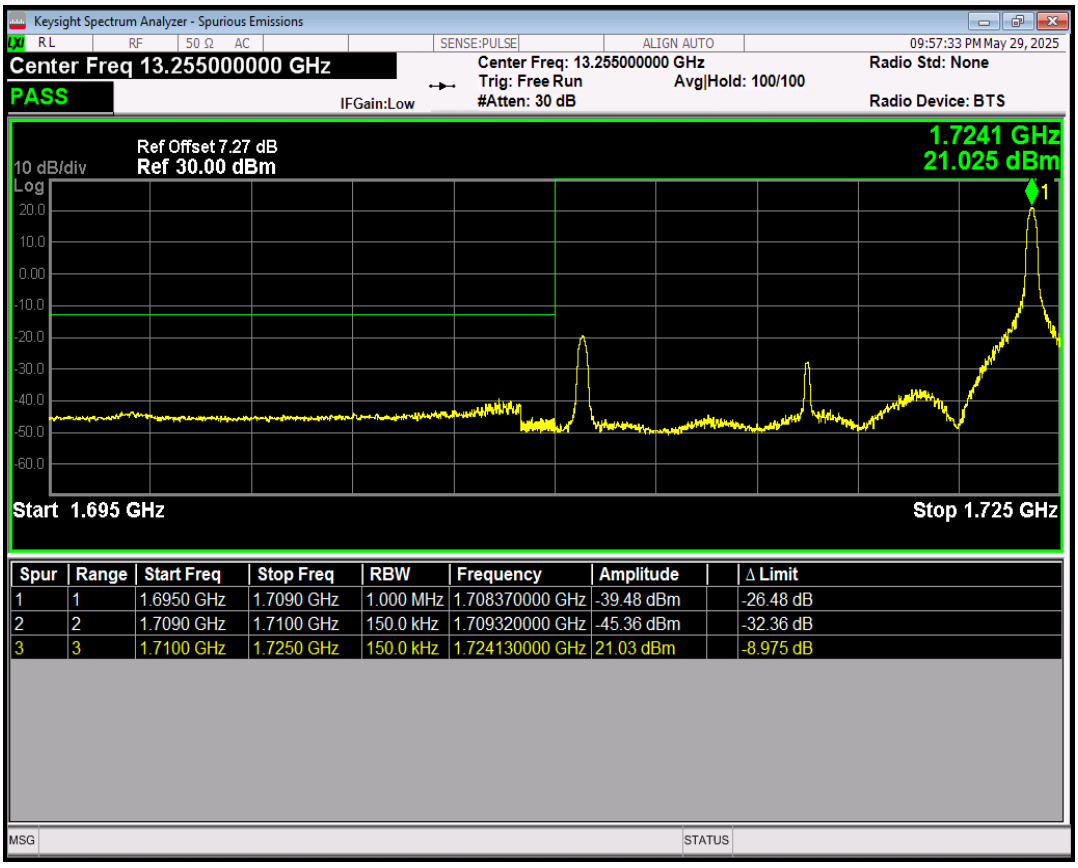


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.7700 GHz	1.7800 GHz	100.0 kHz	1.770570000 GHz	18.18 dBm	-11.82 dB
2	2	1.7800 GHz	1.7810 GHz	100.0 kHz	1.780006000 GHz	-48.25 dBm	-35.25 dB
3	3	1.7810 GHz	1.7900 GHz	1.000 MHz	1.788362000 GHz	-41.37 dBm	-28.37 dB

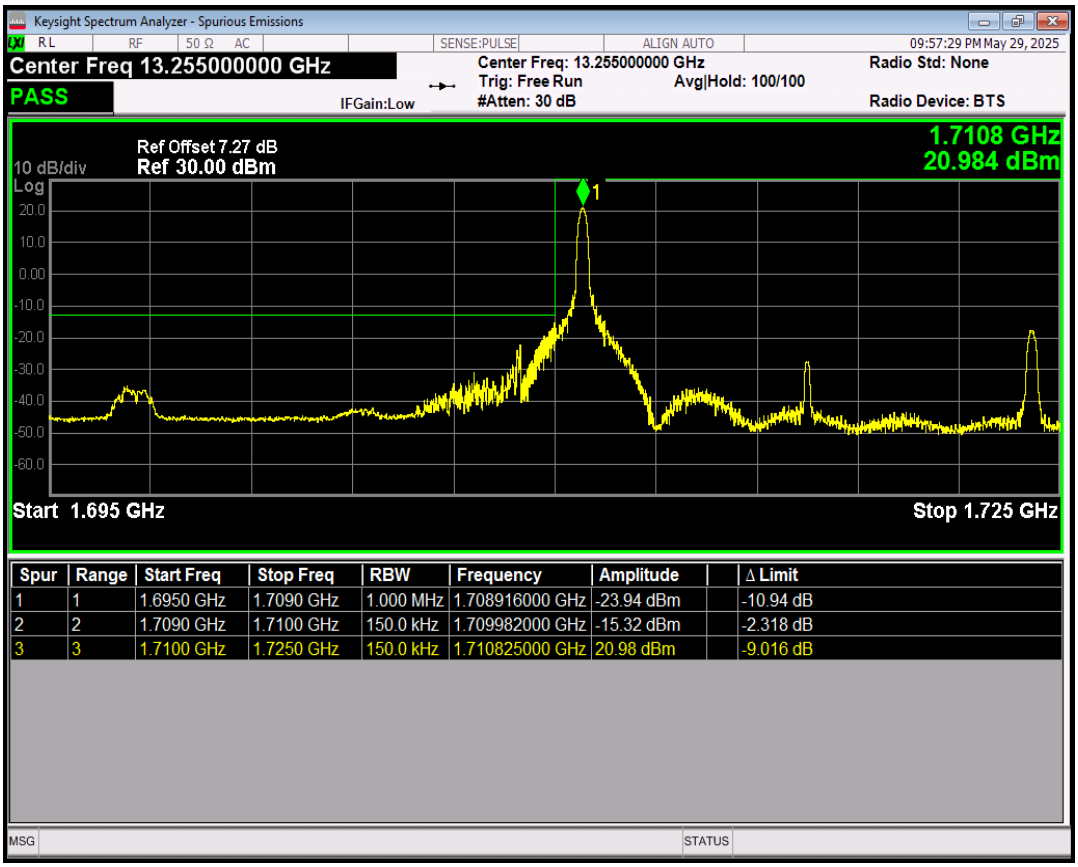
Band66 16QAM BW=10MHz Channel=132622 RB Size=1 Position=#Max



Band66 QPSK BW=15MHz Channel=132047 RB Size=1 Position=#Max

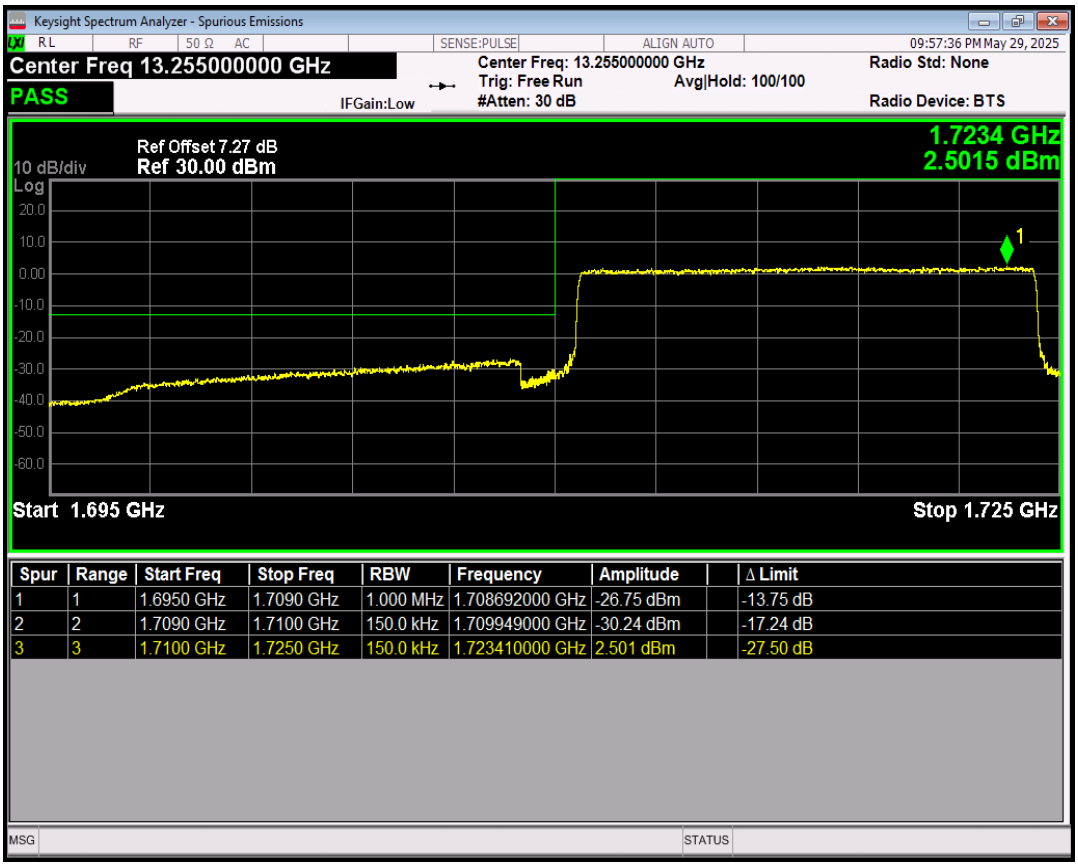


Band66 QPSK BW=15MHz Channel=132047 RB Size=1 Position=#0



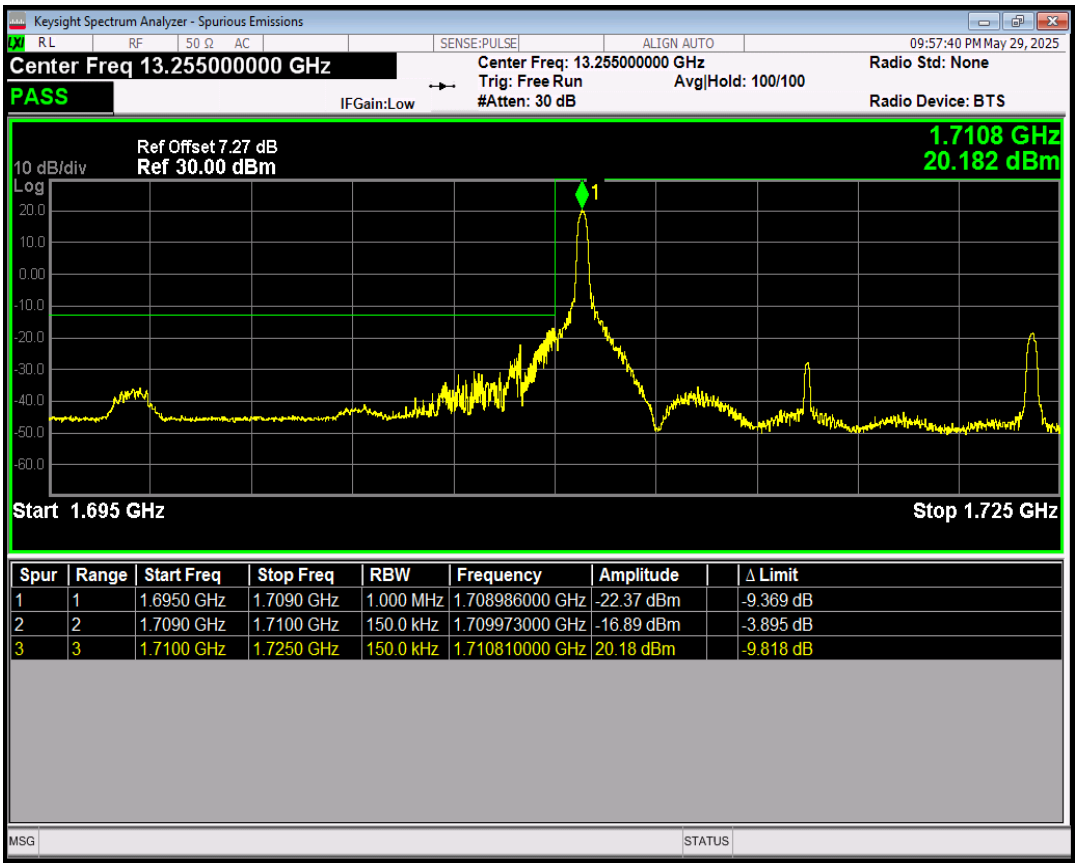
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.6950 GHz	1.7090 GHz	1.000 MHz	1.708916000 GHz	-23.94 dBm	-10.94 dB
2	2	1.7090 GHz	1.7100 GHz	150.0 kHz	1.709982000 GHz	-15.32 dBm	-2.318 dB
3	3	1.7100 GHz	1.7250 GHz	150.0 kHz	1.710825000 GHz	20.98 dBm	-9.016 dB

Band66 QPSK BW=15MHz Channel=132047 RB Size=75 Position=#0



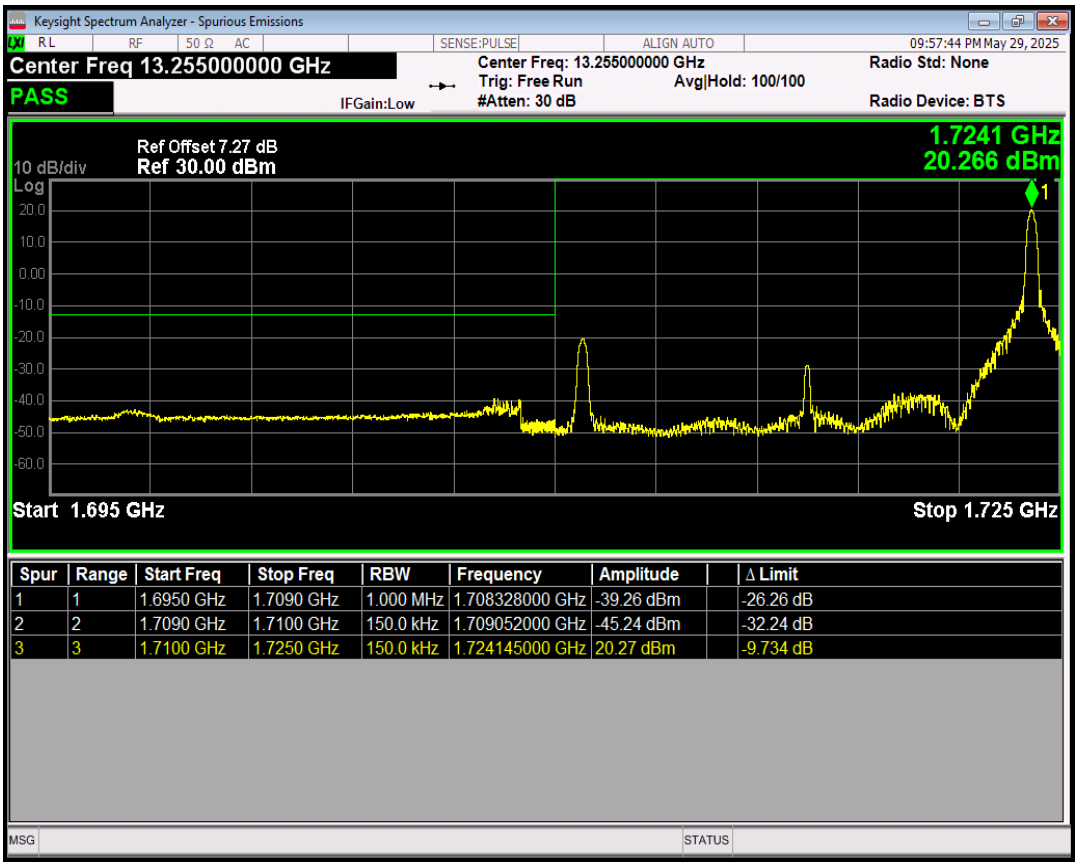
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.6950 GHz	1.7090 GHz	1.000 MHz	1.708692000 GHz	-26.75 dBm	-13.75 dB
2	2	1.7090 GHz	1.7100 GHz	150.0 kHz	1.709949000 GHz	-30.24 dBm	-17.24 dB
3	3	1.7100 GHz	1.7250 GHz	150.0 kHz	1.723410000 GHz	2.501 dBm	-27.50 dB

Band66 16QAM BW=15MHz Channel=132047 RB Size=1 Position=#0



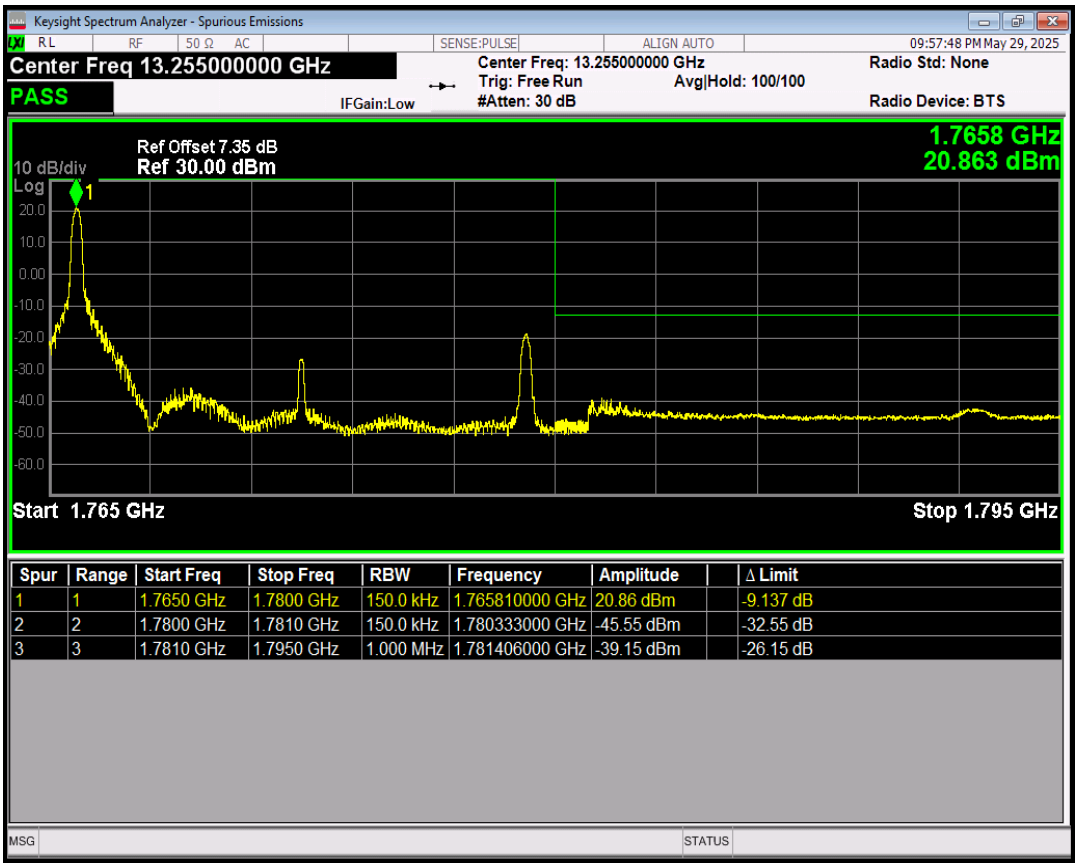
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.6950 GHz	1.7090 GHz	1.000 MHz	1.708986000 GHz	-22.37 dBm	-9.369 dB
2	2	1.7090 GHz	1.7100 GHz	150.0 kHz	1.709973000 GHz	-16.89 dBm	-3.895 dB
3	3	1.7100 GHz	1.7250 GHz	150.0 kHz	1.710810000 GHz	20.18 dBm	-9.818 dB

Band66 16QAM BW=15MHz Channel=132047 RB Size=1 Position=#Max



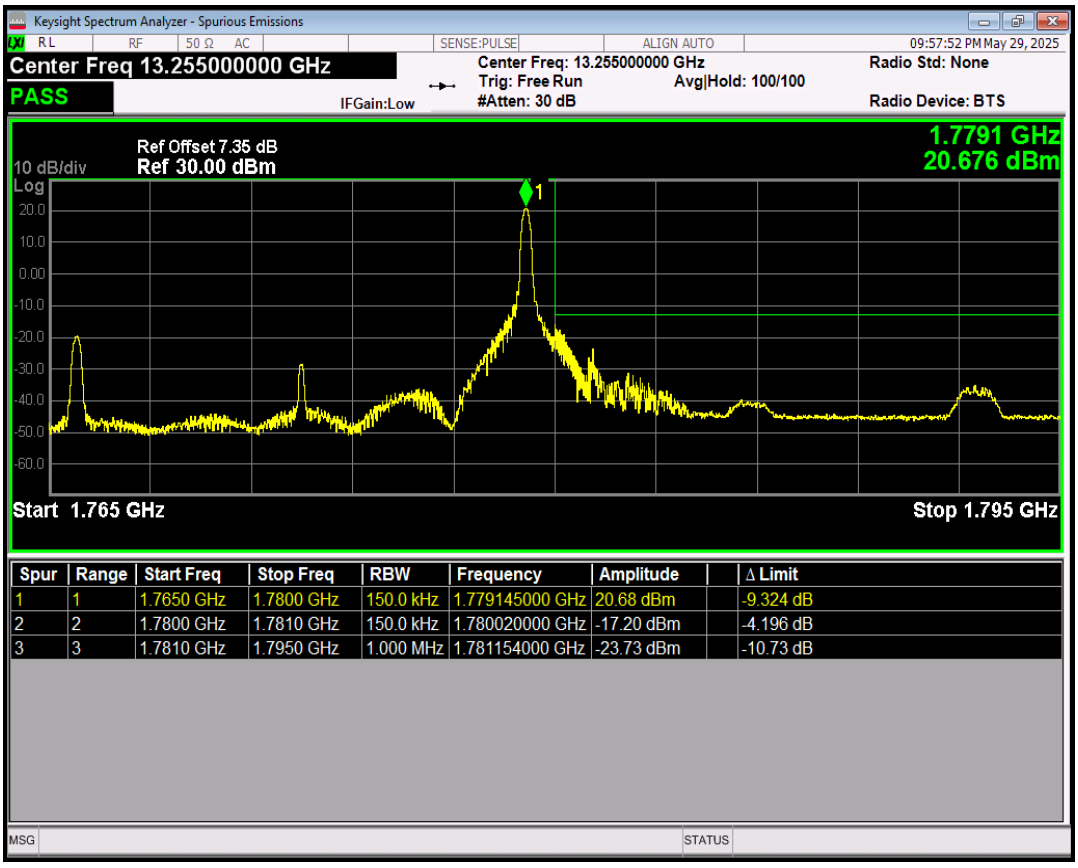
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.6950 GHz	1.7090 GHz	1.000 MHz	1.708328000 GHz	-39.26 dBm	-26.26 dB
2	2	1.7090 GHz	1.7100 GHz	150.0 kHz	1.709052000 GHz	-45.24 dBm	-32.24 dB
3	3	1.7100 GHz	1.7250 GHz	150.0 kHz	1.724145000 GHz	20.27 dBm	-9.734 dB

Band66 QPSK BW=15MHz Channel=132597 RB Size=1 Position=#0



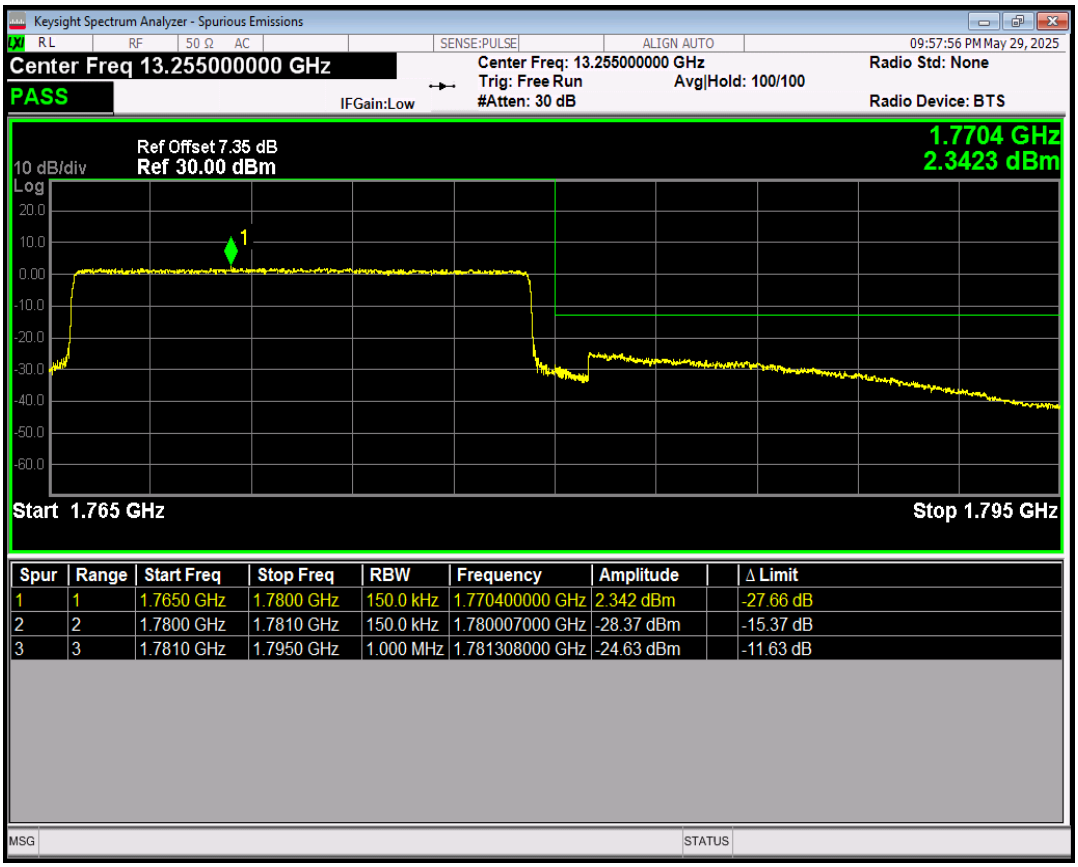
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.7650 GHz	1.7800 GHz	150.0 kHz	1.765810000 GHz	20.86 dBm	-9.137 dB
2	2	1.7800 GHz	1.7810 GHz	150.0 kHz	1.780333000 GHz	-45.55 dBm	-32.55 dB
3	3	1.7810 GHz	1.7950 GHz	1.000 MHz	1.781406000 GHz	-39.15 dBm	-26.15 dB

Band66 QPSK BW=15MHz Channel=132597 RB Size=1 Position=#Max



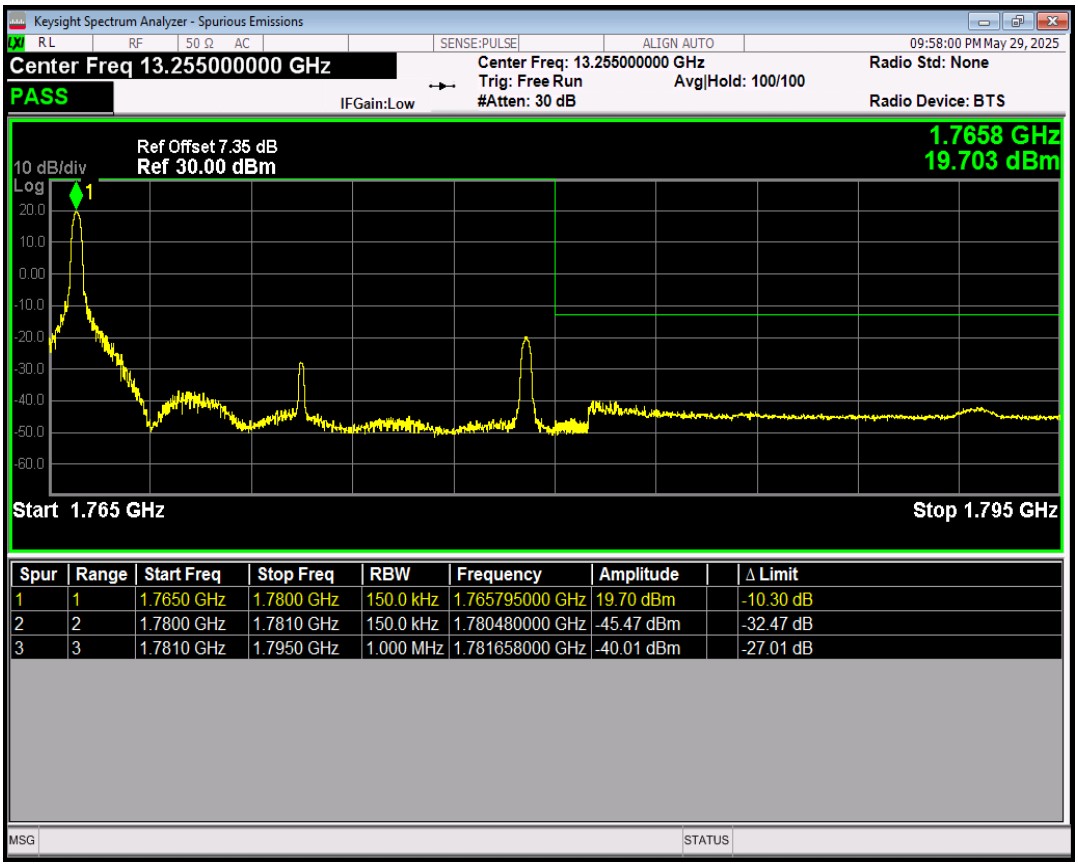
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.7650 GHz	1.7800 GHz	150.0 kHz	1.779145000 GHz	20.68 dBm	-9.324 dB
2	2	1.7800 GHz	1.7810 GHz	150.0 kHz	1.780020000 GHz	-17.20 dBm	-4.196 dB
3	3	1.7810 GHz	1.7950 GHz	1.000 MHz	1.781154000 GHz	-23.73 dBm	-10.73 dB

Band66 QPSK BW=15MHz Channel=132597 RB Size=75 Position=#0



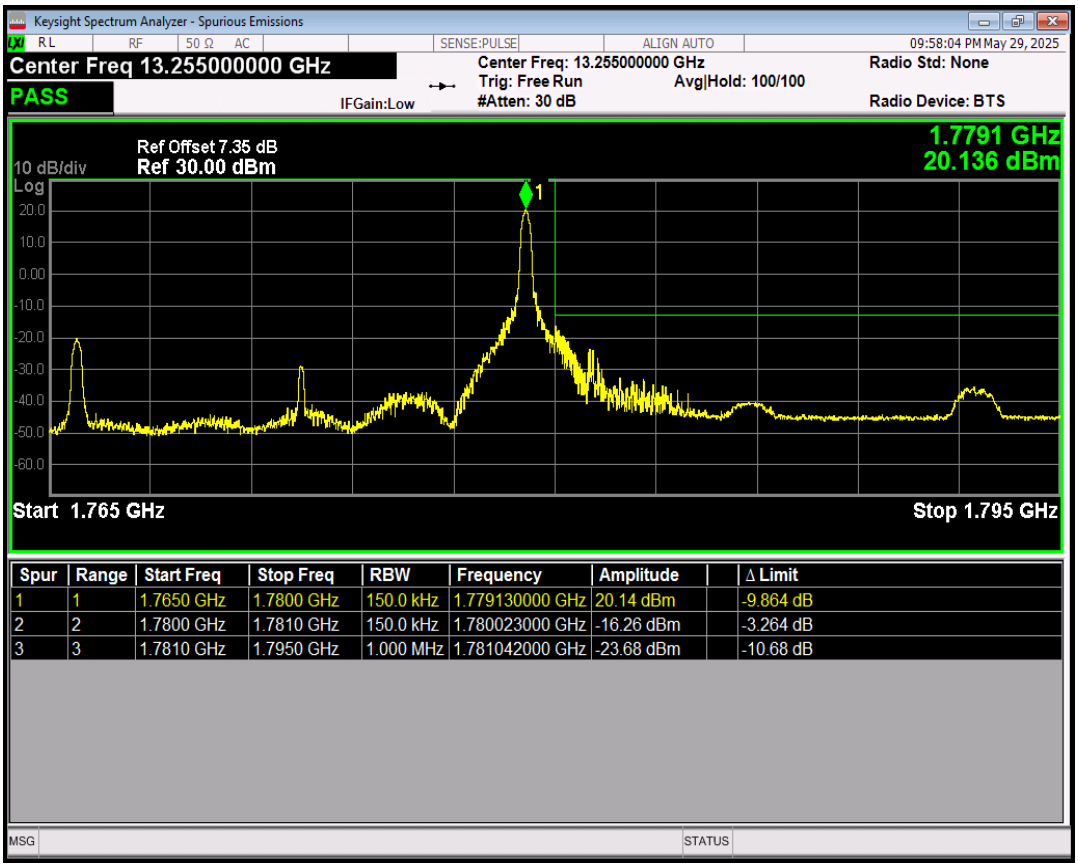
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.7650 GHz	1.7800 GHz	150.0 kHz	1.770400000 GHz	2.342 dBm	-27.66 dB
2	2	1.7800 GHz	1.7810 GHz	150.0 kHz	1.780007000 GHz	-28.37 dBm	-15.37 dB
3	3	1.7810 GHz	1.7950 GHz	1.000 MHz	1.781308000 GHz	-24.63 dBm	-11.63 dB

Band66 16QAM BW=15MHz Channel=132597 RB Size=1 Position=#0



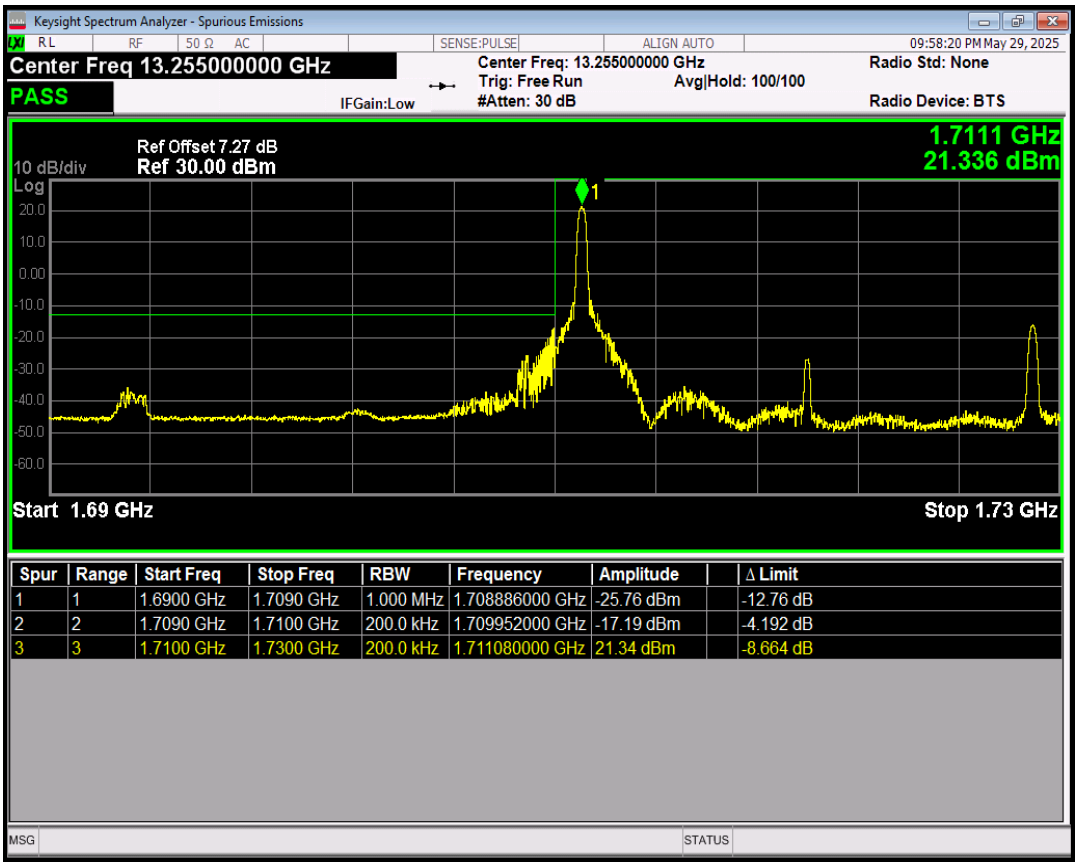
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.7650 GHz	1.7800 GHz	150.0 kHz	1.765795000 GHz	19.70 dBm	-10.30 dB
2	2	1.7800 GHz	1.7810 GHz	150.0 kHz	1.780480000 GHz	-45.47 dBm	-32.47 dB
3	3	1.7810 GHz	1.7950 GHz	1.000 MHz	1.781658000 GHz	-40.01 dBm	-27.01 dB

Band66 16QAM BW=15MHz Channel=132597 RB Size=1 Position=#Max



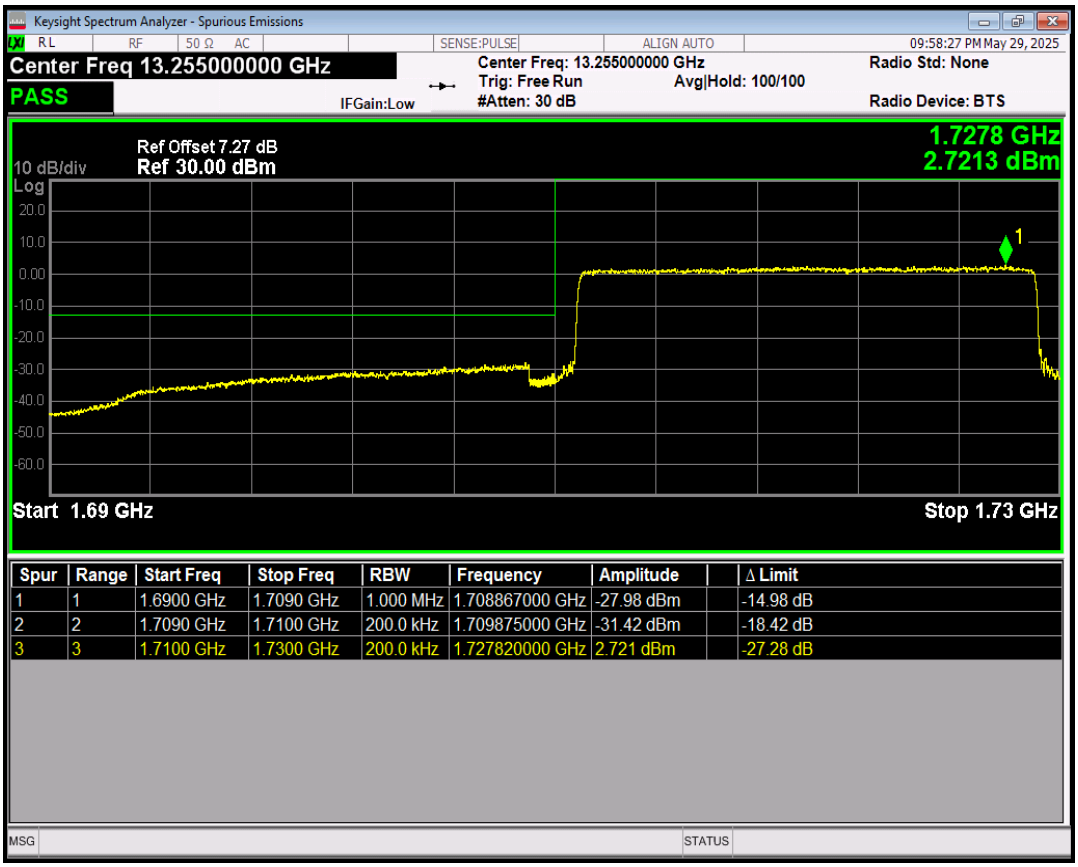
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.7650 GHz	1.7800 GHz	150.0 kHz	1.779130000 GHz	20.14 dBm	-9.864 dB
2	2	1.7800 GHz	1.7810 GHz	150.0 kHz	1.780023000 GHz	-16.26 dBm	-3.264 dB
3	3	1.7810 GHz	1.7950 GHz	1.000 MHz	1.781042000 GHz	-23.68 dBm	-10.68 dB

Band66 QPSK BW=20MHz Channel=132072 RB Size=1 Position=#0

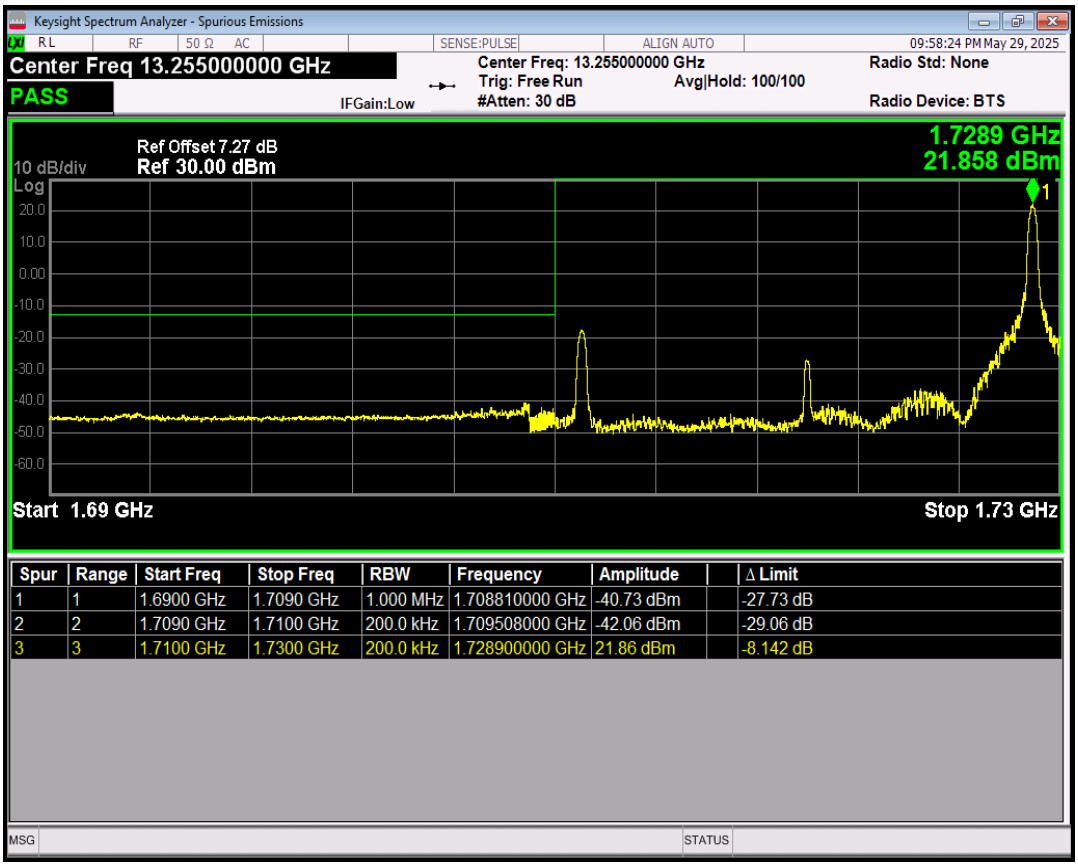


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.6900 GHz	1.7090 GHz	1.000 MHz	1.708886000 GHz	-25.76 dBm	-12.76 dB
2	2	1.7090 GHz	1.7100 GHz	200.0 kHz	1.709952000 GHz	-17.19 dBm	-4.192 dB
3	3	1.7100 GHz	1.7300 GHz	200.0 kHz	1.711080000 GHz	21.34 dBm	-8.664 dB

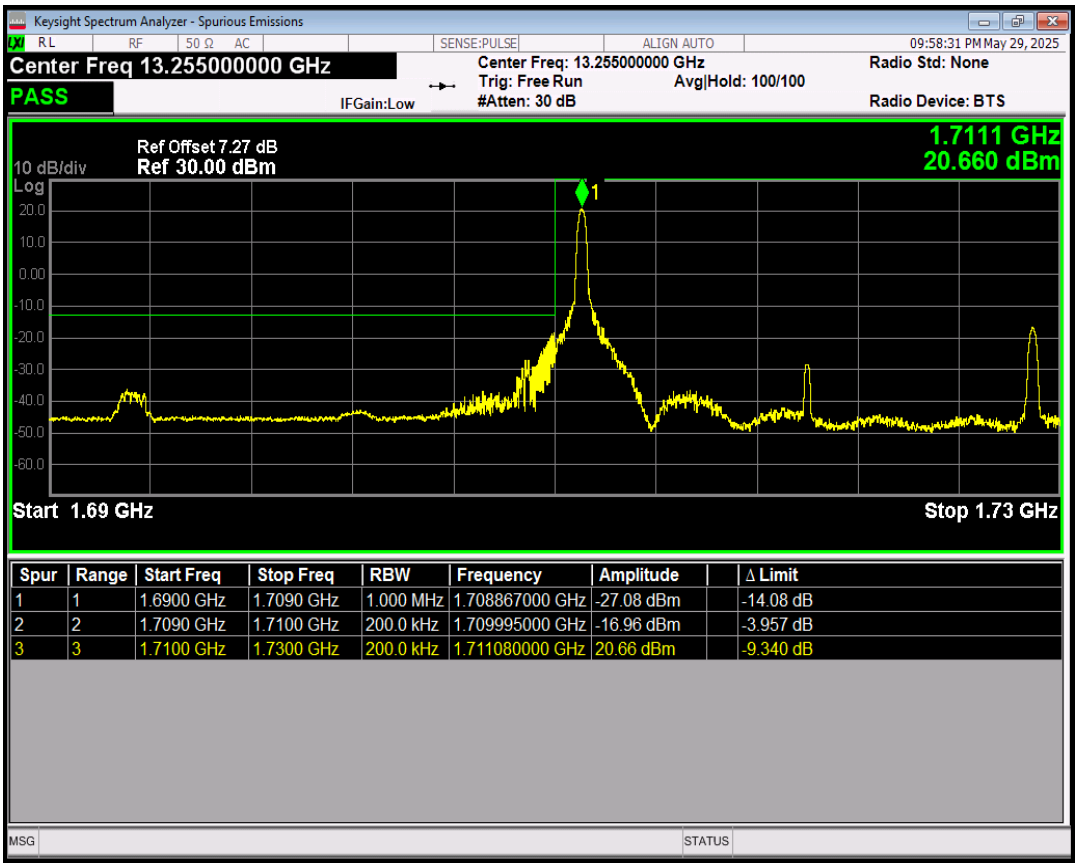
Band66 QPSK BW=20MHz Channel=132072 RB Size=100 Position=#0



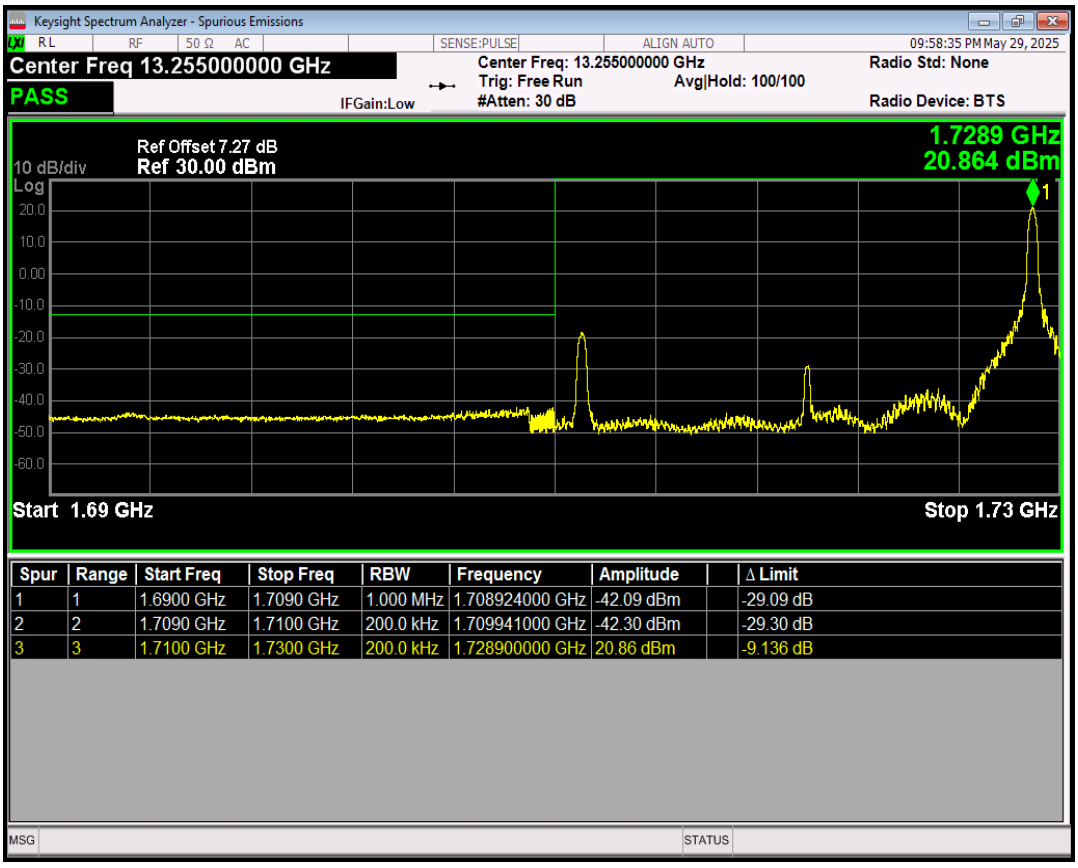
Band66 QPSK BW=20MHz Channel=132072 RB Size=1 Position=#Max



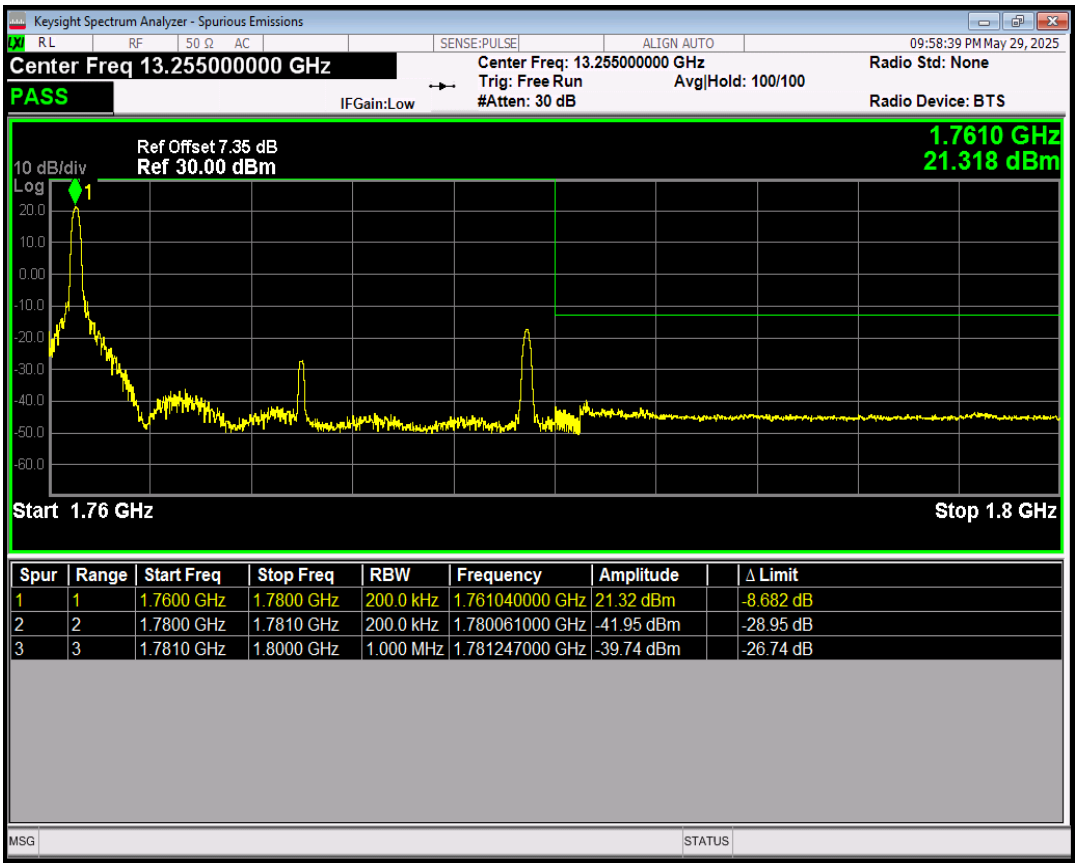
Band66 16QAM BW=20MHz Channel=132072 RB Size=1 Position=#0



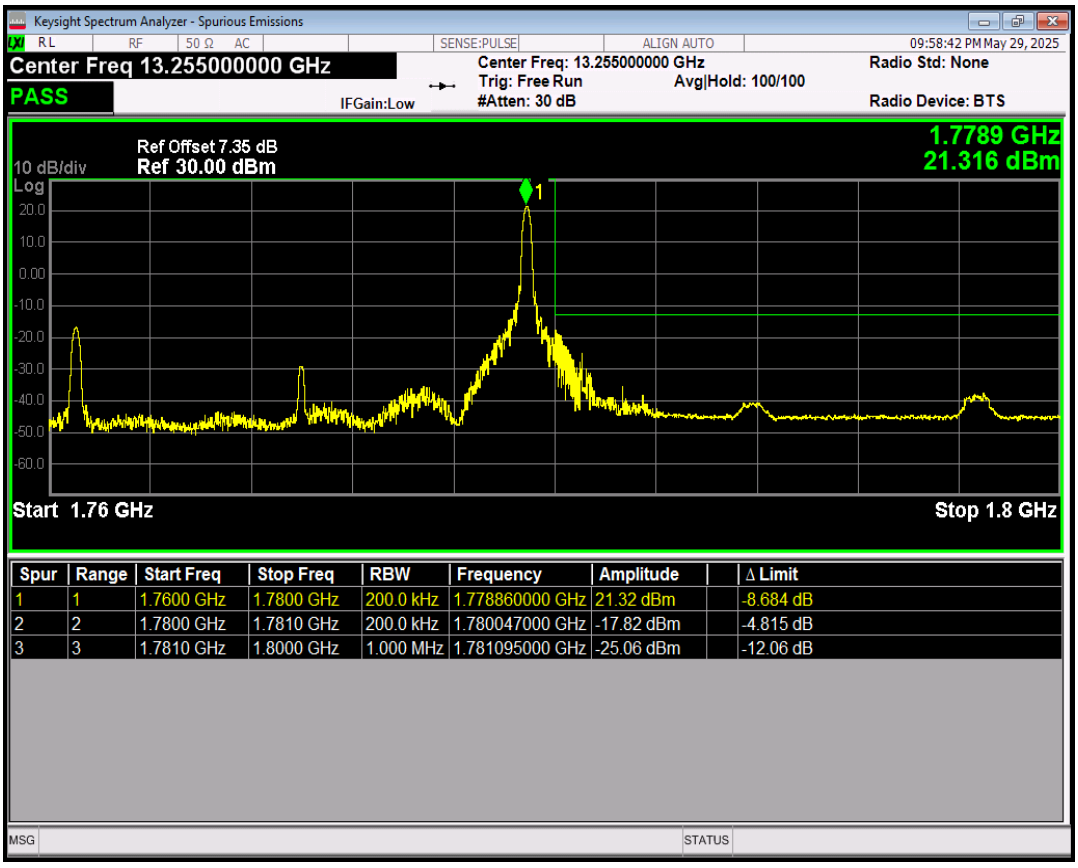
Band66 16QAM BW=20MHz Channel=132072 RB Size=1 Position=#Max



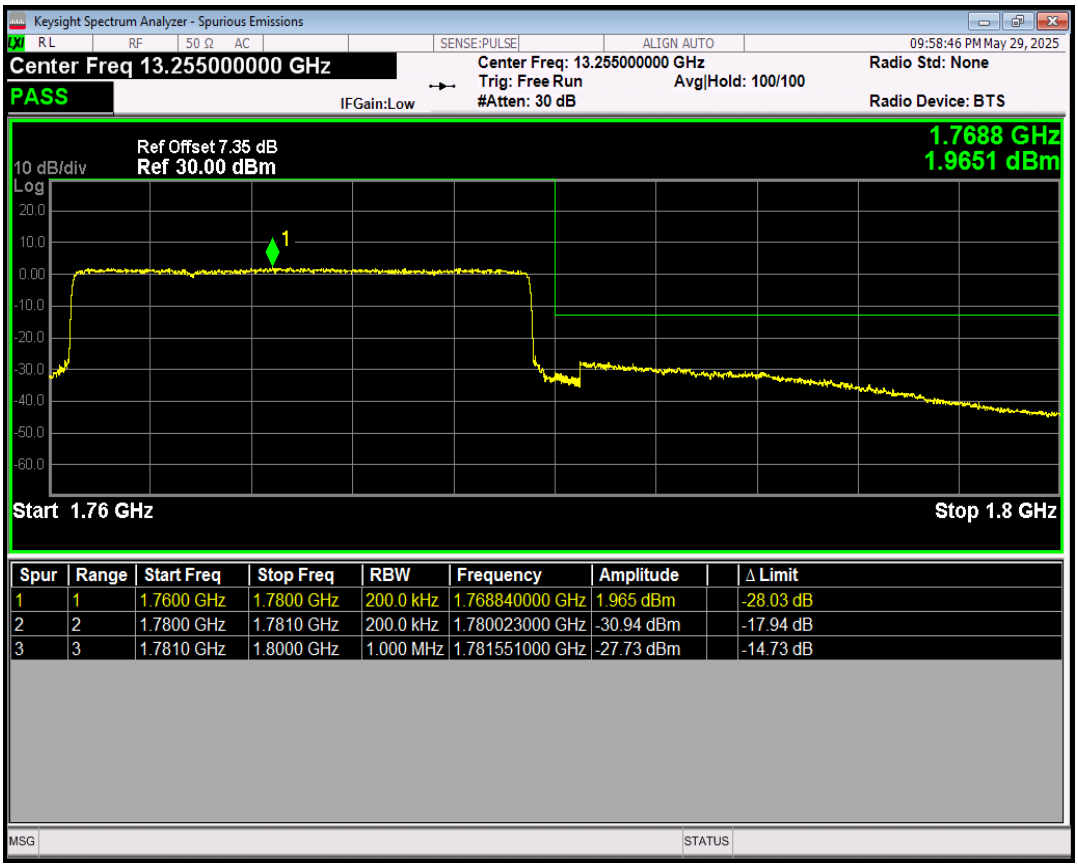
Band66 QPSK BW=20MHz Channel=132572 RB Size=1 Position=#0



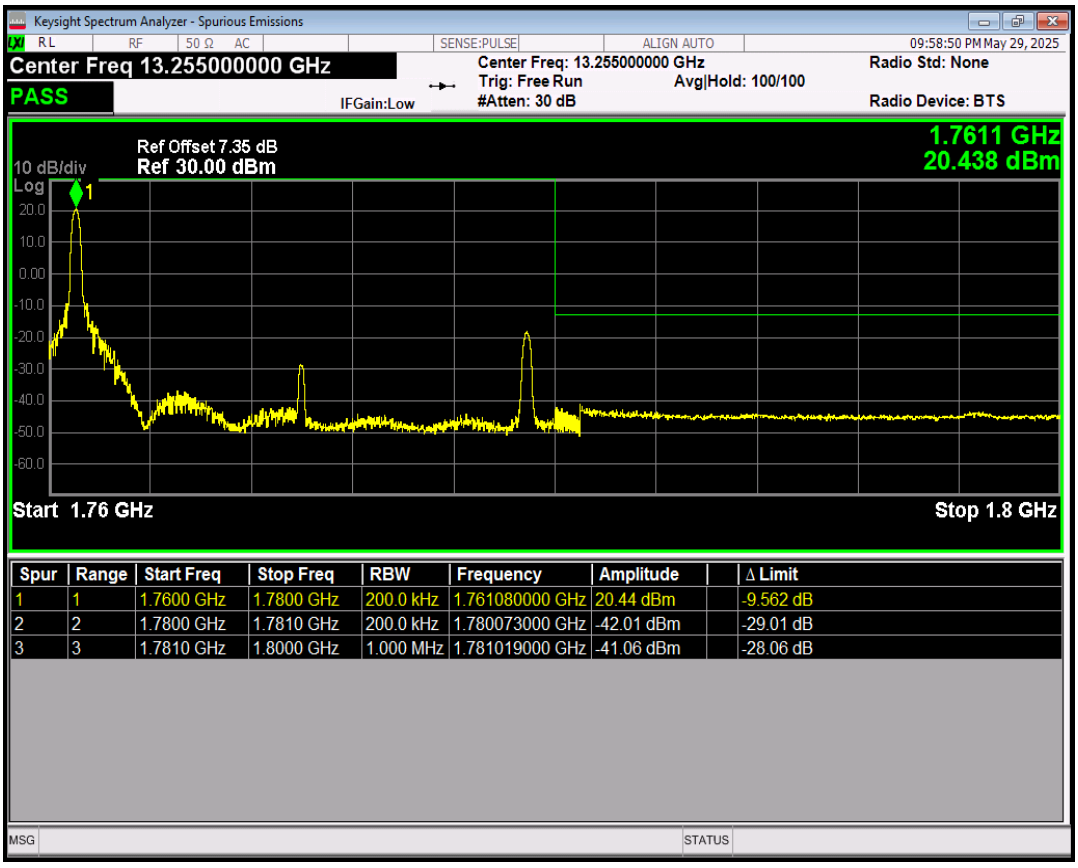
Band66 QPSK BW=20MHz Channel=132572 RB Size=1 Position=#Max



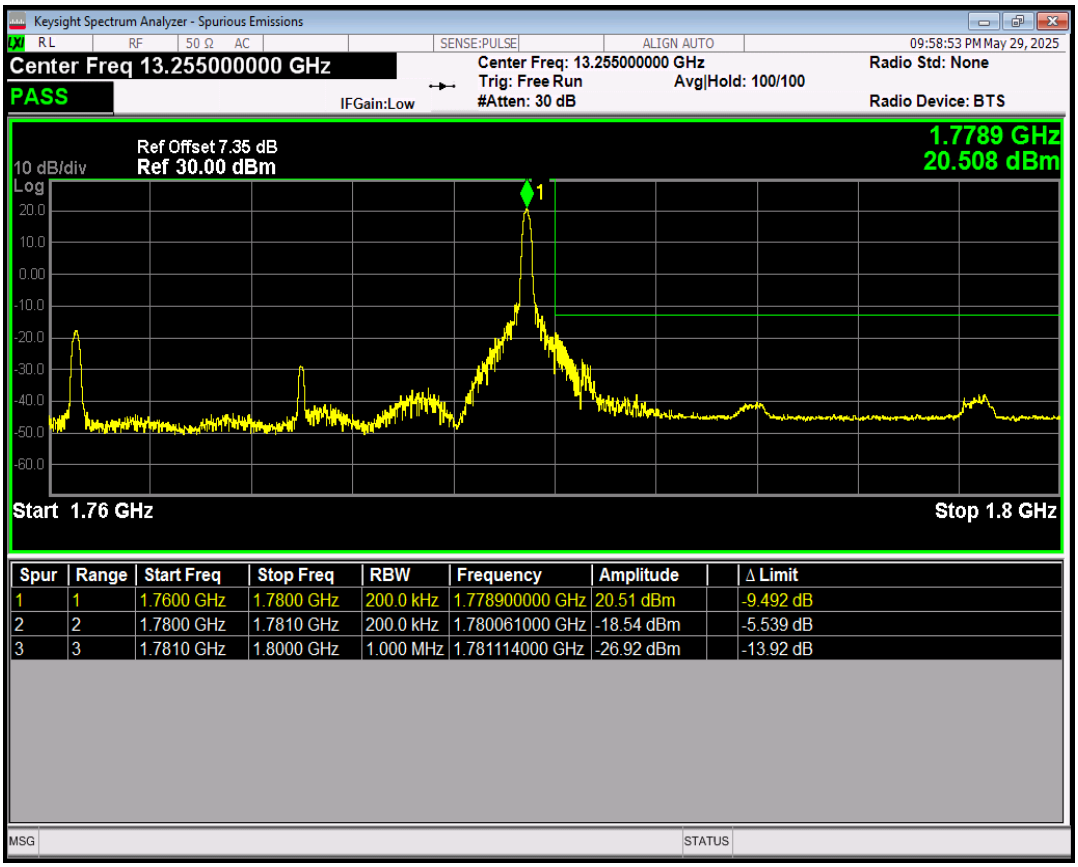
Band66 QPSK BW=20MHz Channel=132572 RB Size=100 Position=#0



Band66 16QAM BW=20MHz Channel=132572 RB Size=1 Position=#0



Band66 16QAM BW=20MHz Channel=132572 RB Size=1 Position=#Max



06 Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	1	#0	QPSK	2098.00	-33.07	-13	PASS
Band12	1.4	23017	6	#0	QPSK	2098.90	-34.59	-13	PASS
Band12	1.4	23017	1	#0	16QAM	1398.70	-35.39	-13	PASS
Band12	1.4	23017	6	#0	16QAM	2098.90	-32.20	-13	PASS
Band12	1.4	23095	1	#0	QPSK	2121.40	-33.77	-13	PASS
Band12	1.4	23095	6	#0	QPSK	2122.30	-32.67	-13	PASS
Band12	1.4	23095	1	#0	16QAM	1414.00	-36.85	-13	PASS
Band12	1.4	23095	6	#0	16QAM	2121.40	-33.63	-13	PASS
Band12	1.4	23173	1	#0	QPSK	2143.90	-36.90	-13	PASS
Band12	1.4	23173	6	#0	QPSK	2145.70	-35.23	-13	PASS
Band12	1.4	23173	1	#0	16QAM	2143.90	-33.23	-13	PASS
Band12	1.4	23173	6	#0	16QAM	2146.60	-34.11	-13	PASS
Band12	3	23025	1	#0	QPSK	2097.10	-32.35	-13	PASS
Band12	3	23025	15	#0	QPSK	2102.50	-37.27	-13	PASS
Band12	3	23025	1	#0	16QAM	2097.10	-29.31	-13	PASS
Band12	3	23025	15	#0	16QAM	2100.70	-38.49	-13	PASS
Band12	3	23095	1	#0	QPSK	2118.70	-34.01	-13	PASS
Band12	3	23095	15	#0	QPSK	2123.20	-40.33	-13	PASS
Band12	3	23095	1	#0	16QAM	2118.70	-34.23	-13	PASS
Band12	3	23095	15	#0	16QAM	2124.10	-38.89	-13	PASS

Band12	3	23165	1	#0	QPSK	2139.40	-31.83	-13	PASS
Band12	3	23165	15	#0	QPSK	2143.00	-38.11	-13	PASS
Band12	3	23165	1	#0	16QAM	2139.40	-31.99	-13	PASS
Band12	3	23165	15	#0	16QAM	2144.80	-39.96	-13	PASS
Band12	5	23035	1	#0	QPSK	2098.00	-32.34	-13	PASS
Band12	5	23035	25	#0	QPSK	2103.40	-42.51	-13	PASS
Band12	5	23035	1	#0	16QAM	2098.00	-35.03	-13	PASS
Band12	5	23035	25	#0	16QAM	2104.30	-43.13	-13	PASS
Band12	5	23095	1	#0	QPSK	2116.00	-35.33	-13	PASS
Band12	5	23095	25	#0	QPSK	2124.10	-42.95	-13	PASS
Band12	5	23095	1	#0	16QAM	2479.60	-29.98	-13	PASS
Band12	5	23095	25	#0	16QAM	2122.30	-42.21	-13	PASS
Band12	5	23155	1	#0	QPSK	2134.00	-33.92	-13	PASS
Band12	5	23155	25	#0	QPSK	2139.40	-42.28	-13	PASS
Band12	5	23155	1	#0	16QAM	2134.00	-37.56	-13	PASS
Band12	5	23155	25	#0	16QAM	2140.30	-40.11	-13	PASS
Band12	10	23060	1	#0	QPSK	2098.90	-33.12	-13	PASS
Band12	10	23060	50	#0	QPSK	2116.00	-45.35	-13	PASS
Band12	10	23060	1	#0	16QAM	2098.90	-34.17	-13	PASS
Band12	10	23095	1	#0	QPSK	2108.80	-35.94	-13	PASS
Band12	10	23095	50	#0	QPSK	2119.60	-44.93	-13	PASS
Band12	10	23095	1	#0	16QAM	2108.80	-39.18	-13	PASS
Band12	10	23130	1	#0	QPSK	2119.60	-32.50	-13	PASS
Band12	10	23130	50	#0	QPSK	2133.10	-43.77	-13	PASS
Band12	10	23130	1	#0	16QAM	2119.60	-35.86	-13	PASS
Band2	1.4	18607	1	#0	QPSK	18106.00	-38.85	-13	PASS
Band2	1.4	18607	6	#0	QPSK	17995.00	-39.24	-13	PASS
Band2	1.4	18607	1	#0	16QAM	18141.00	-39.28	-13	PASS
Band2	1.4	18607	6	#0	16QAM	17317.00	-39.26	-13	PASS
Band2	1.4	18900	1	#0	QPSK	15429.00	-39.12	-13	PASS
Band2	1.4	18900	6	#0	QPSK	18164.00	-39.17	-13	PASS
Band2	1.4	18900	1	#0	16QAM	17425.00	-39.78	-13	PASS
Band2	1.4	18900	6	#0	16QAM	17677.00	-39.07	-13	PASS
Band2	1.4	19193	1	#0	QPSK	17766.00	-38.57	-13	PASS
Band2	1.4	19193	6	#0	QPSK	17725.00	-38.82	-13	PASS
Band2	1.4	19193	1	#0	16QAM	17738.00	-38.76	-13	PASS
Band2	1.4	19193	6	#0	16QAM	18705.00	-38.54	-13	PASS
Band2	3	18615	1	#0	QPSK	17872.00	-39.29	-13	PASS
Band2	3	18615	15	#0	QPSK	17695.00	-39.18	-13	PASS
Band2	3	18615	1	#0	16QAM	17932.00	-38.39	-13	PASS
Band2	3	18615	15	#0	16QAM	17774.00	-37.92	-13	PASS
Band2	3	18900	1	#0	QPSK	17709.00	-39.01	-13	PASS
Band2	3	18900	15	#0	QPSK	19077.00	-38.96	-13	PASS
Band2	3	18900	1	#0	16QAM	17701.00	-38.89	-13	PASS

Band2	3	18900	15	#0	16QAM	17626.00	-38.79	-13	PASS
Band2	3	19185	1	#0	QPSK	19281.00	-39.17	-13	PASS
Band2	3	19185	15	#0	QPSK	17233.00	-39.02	-13	PASS
Band2	3	19185	1	#0	16QAM	18559.00	-39.43	-13	PASS
Band2	3	19185	15	#0	16QAM	18115.00	-38.84	-13	PASS
Band2	5	18625	1	#0	QPSK	18102.00	-38.73	-13	PASS
Band2	5	18625	25	#0	QPSK	17881.00	-38.42	-13	PASS
Band2	5	18625	1	#0	16QAM	17693.00	-38.56	-13	PASS
Band2	5	18625	25	#0	16QAM	19139.00	-39.32	-13	PASS
Band2	5	18900	1	#0	QPSK	19314.00	-39.17	-13	PASS
Band2	5	18900	25	#0	QPSK	17602.00	-39.08	-13	PASS
Band2	5	18900	1	#0	16QAM	17238.00	-39.11	-13	PASS
Band2	5	18900	25	#0	16QAM	17794.00	-39.34	-13	PASS
Band2	5	19175	1	#0	QPSK	17210.00	-38.82	-13	PASS
Band2	5	19175	25	#0	QPSK	17795.00	-38.86	-13	PASS
Band2	5	19175	1	#0	16QAM	18771.00	-39.19	-13	PASS
Band2	5	19175	25	#0	16QAM	19282.00	-39.08	-13	PASS
Band2	10	18650	1	#0	QPSK	18171.00	-39.17	-13	PASS
Band2	10	18650	50	#0	QPSK	18620.00	-38.87	-13	PASS
Band2	10	18650	1	#0	16QAM	18406.00	-39.19	-13	PASS
Band2	10	18900	1	#0	QPSK	17371.00	-38.87	-13	PASS
Band2	10	18900	50	#0	QPSK	17808.00	-39.56	-13	PASS
Band2	10	18900	1	#0	16QAM	17091.00	-38.98	-13	PASS
Band2	10	19150	1	#0	QPSK	18493.00	-39.55	-13	PASS
Band2	10	19150	50	#0	QPSK	17938.00	-38.22	-13	PASS
Band2	10	19150	1	#0	16QAM	17792.00	-38.85	-13	PASS
Band2	15	18675	1	#0	QPSK	17590.00	-38.70	-13	PASS
Band2	15	18675	75	#0	QPSK	17654.00	-38.82	-13	PASS
Band2	15	18675	1	#0	16QAM	19178.00	-38.66	-13	PASS
Band2	15	18900	1	#0	QPSK	18169.00	-38.05	-13	PASS
Band2	15	18900	75	#0	QPSK	18694.00	-38.70	-13	PASS
Band2	15	18900	1	#0	16QAM	17818.00	-39.12	-13	PASS
Band2	15	19125	1	#0	QPSK	17658.00	-39.82	-13	PASS
Band2	15	19125	75	#0	QPSK	18824.00	-38.81	-13	PASS
Band2	15	19125	1	#0	16QAM	18081.00	-39.36	-13	PASS
Band2	20	18700	1	#0	QPSK	18400.00	-38.09	-13	PASS
Band2	20	18700	100	#0	QPSK	17505.00	-38.22	-13	PASS
Band2	20	18700	1	#0	16QAM	17949.00	-38.97	-13	PASS
Band2	20	18900	1	#0	QPSK	17849.00	-37.94	-13	PASS
Band2	20	18900	100	#0	QPSK	18563.00	-38.87	-13	PASS
Band2	20	18900	1	#0	16QAM	18153.00	-37.85	-13	PASS
Band2	20	19100	1	#0	QPSK	17713.00	-38.00	-13	PASS
Band2	20	19100	100	#0	QPSK	17793.00	-38.27	-13	PASS
Band2	20	19100	1	#0	16QAM	17644.00	-38.69	-13	PASS

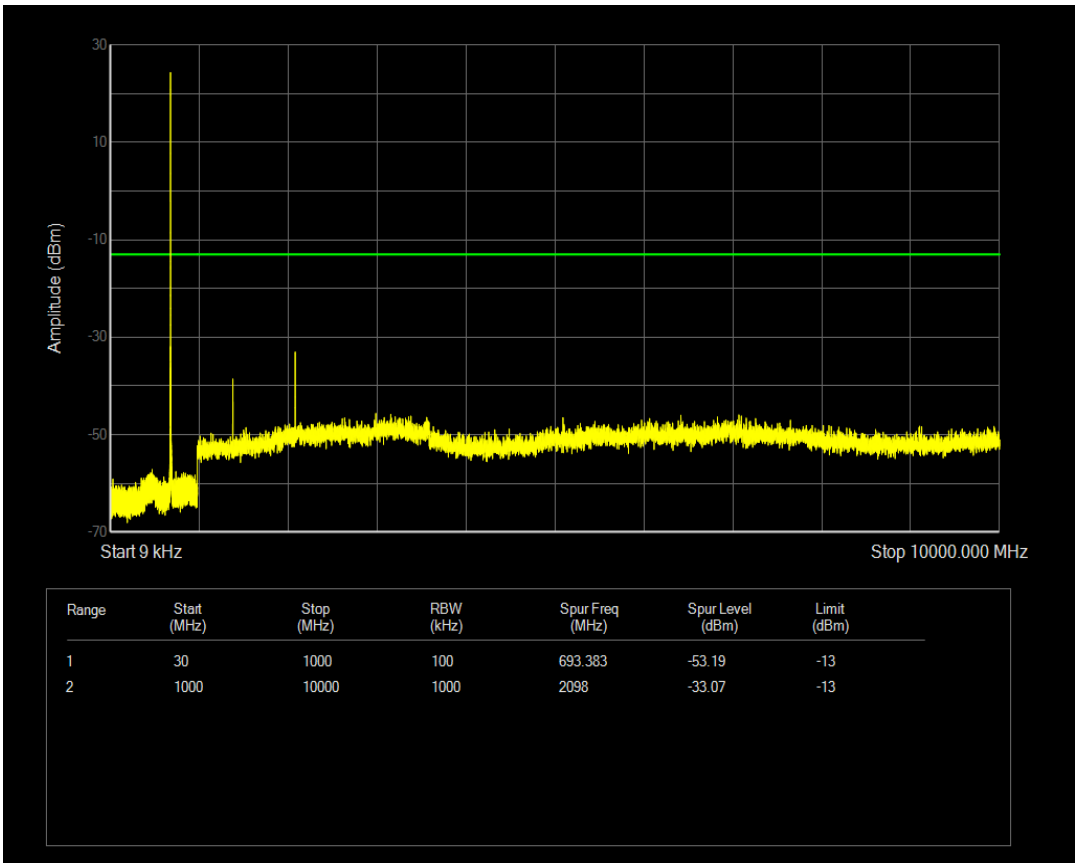
Band4	1.4	19957	1	#0	QPSK	17706.00	-39.09	-13	PASS
Band4	1.4	19957	6	#0	QPSK	18143.00	-39.58	-13	PASS
Band4	1.4	19957	1	#0	16QAM	18623.00	-39.47	-13	PASS
Band4	1.4	19957	6	#0	16QAM	18696.00	-38.45	-13	PASS
Band4	1.4	20175	1	#0	QPSK	19236.00	-39.43	-13	PASS
Band4	1.4	20175	6	#0	QPSK	17647.00	-39.48	-13	PASS
Band4	1.4	20175	1	#0	16QAM	17577.00	-39.25	-13	PASS
Band4	1.4	20175	6	#0	16QAM	17669.00	-38.34	-13	PASS
Band4	1.4	20393	1	#0	QPSK	19285.00	-39.51	-13	PASS
Band4	1.4	20393	6	#0	QPSK	17796.00	-39.30	-13	PASS
Band4	1.4	20393	1	#0	16QAM	18170.00	-39.66	-13	PASS
Band4	1.4	20393	6	#0	16QAM	18604.00	-39.23	-13	PASS
Band4	3	19965	1	#0	QPSK	18828.00	-38.75	-13	PASS
Band4	3	19965	15	#0	QPSK	18061.00	-38.94	-13	PASS
Band4	3	19965	1	#0	16QAM	3420.10	-39.17	-13	PASS
Band4	3	19965	15	#0	16QAM	17718.00	-39.10	-13	PASS
Band4	3	20175	1	#0	QPSK	17563.00	-39.53	-13	PASS
Band4	3	20175	15	#0	QPSK	17623.00	-39.73	-13	PASS
Band4	3	20175	1	#0	16QAM	17721.00	-39.09	-13	PASS
Band4	3	20175	15	#0	16QAM	17691.00	-38.70	-13	PASS
Band4	3	20385	1	#0	QPSK	17462.00	-39.25	-13	PASS
Band4	3	20385	15	#0	QPSK	17705.00	-38.48	-13	PASS
Band4	3	20385	1	#0	16QAM	17564.00	-39.13	-13	PASS
Band4	3	20385	15	#0	16QAM	17255.00	-38.46	-13	PASS
Band4	5	19975	1	#0	QPSK	17768.00	-38.74	-13	PASS
Band4	5	19975	25	#0	QPSK	18577.00	-38.94	-13	PASS
Band4	5	19975	1	#0	16QAM	18668.00	-38.97	-13	PASS
Band4	5	19975	25	#0	16QAM	18780.00	-39.18	-13	PASS
Band4	5	20175	1	#0	QPSK	17834.00	-39.04	-13	PASS
Band4	5	20175	25	#0	QPSK	17257.00	-38.99	-13	PASS
Band4	5	20175	1	#0	16QAM	17590.00	-38.67	-13	PASS
Band4	5	20175	25	#0	16QAM	17653.00	-38.73	-13	PASS
Band4	5	20375	1	#0	QPSK	18774.00	-39.42	-13	PASS
Band4	5	20375	25	#0	QPSK	18577.00	-39.36	-13	PASS
Band4	5	20375	1	#0	16QAM	18084.00	-38.44	-13	PASS
Band4	5	20375	25	#0	16QAM	17148.00	-38.69	-13	PASS
Band4	10	20000	1	#0	QPSK	17696.00	-39.24	-13	PASS
Band4	10	20000	50	#0	QPSK	17689.00	-39.62	-13	PASS
Band4	10	20000	1	#0	16QAM	17670.00	-38.97	-13	PASS
Band4	10	20175	1	#0	QPSK	18494.00	-39.19	-13	PASS
Band4	10	20175	50	#0	QPSK	18129.00	-38.51	-13	PASS
Band4	10	20175	1	#0	16QAM	18085.00	-39.26	-13	PASS
Band4	10	20350	1	#0	QPSK	17210.00	-39.32	-13	PASS
Band4	10	20350	50	#0	QPSK	17773.00	-39.09	-13	PASS

Band4	10	20350	1	#0	16QAM	17768.00	-38.81	-13	PASS
Band4	15	20025	1	#0	QPSK	17630.00	-39.06	-13	PASS
Band4	15	20025	75	#0	QPSK	18992.00	-39.16	-13	PASS
Band4	15	20025	1	#0	16QAM	17612.00	-39.35	-13	PASS
Band4	15	20175	1	#0	QPSK	17524.00	-38.82	-13	PASS
Band4	15	20175	75	#0	QPSK	18154.00	-39.59	-13	PASS
Band4	15	20175	1	#0	16QAM	17614.00	-39.42	-13	PASS
Band4	15	20325	1	#0	QPSK	17463.00	-39.65	-13	PASS
Band4	15	20325	75	#0	QPSK	17664.00	-39.58	-13	PASS
Band4	15	20325	1	#0	16QAM	17735.00	-39.25	-13	PASS
Band4	20	20050	1	#0	QPSK	18079.00	-39.13	-13	PASS
Band4	20	20050	100	#0	QPSK	17741.00	-39.66	-13	PASS
Band4	20	20050	1	#0	16QAM	3422.80	-38.90	-13	PASS
Band4	20	20175	1	#0	QPSK	17744.00	-39.73	-13	PASS
Band4	20	20175	100	#0	QPSK	17624.00	-39.53	-13	PASS
Band4	20	20175	1	#0	16QAM	19327.00	-39.05	-13	PASS
Band4	20	20300	1	#0	QPSK	18118.00	-39.05	-13	PASS
Band4	20	20300	100	#0	QPSK	18545.00	-39.70	-13	PASS
Band4	20	20300	1	#0	16QAM	18559.00	-40.00	-13	PASS
Band5	1.4	20407	1	#0	QPSK	2473.30	-33.98	-13	PASS
Band5	1.4	20407	6	#0	QPSK	2474.20	-28.97	-13	PASS
Band5	1.4	20407	1	#0	16QAM	2472.40	-30.28	-13	PASS
Band5	1.4	20407	6	#0	16QAM	2474.20	-34.89	-13	PASS
Band5	1.4	20525	1	#0	QPSK	2508.40	-31.42	-13	PASS
Band5	1.4	20525	6	#0	QPSK	2508.40	-33.05	-13	PASS
Band5	1.4	20525	1	#0	16QAM	2508.40	-28.03	-13	PASS
Band5	1.4	20525	6	#0	16QAM	2509.30	-27.96	-13	PASS
Band5	1.4	20643	1	#0	QPSK	2543.50	-34.74	-13	PASS
Band5	1.4	20643	6	#0	QPSK	2545.30	-32.39	-13	PASS
Band5	1.4	20643	1	#0	16QAM	2543.50	-32.71	-13	PASS
Band5	1.4	20643	6	#0	16QAM	2544.40	-34.96	-13	PASS
Band5	3	20415	1	#0	QPSK	2472.40	-28.30	-13	PASS
Band5	3	20415	15	#0	QPSK	2476.00	-37.38	-13	PASS
Band5	3	20415	1	#0	16QAM	2472.40	-29.56	-13	PASS
Band5	3	20415	15	#0	16QAM	2476.00	-36.15	-13	PASS
Band5	3	20525	1	#0	QPSK	2505.70	-29.83	-13	PASS
Band5	3	20525	15	#0	QPSK	2509.30	-37.68	-13	PASS
Band5	3	20525	1	#0	16QAM	2505.70	-34.17	-13	PASS
Band5	3	20525	15	#0	16QAM	2508.40	-37.53	-13	PASS
Band5	3	20635	1	#0	QPSK	2539.00	-30.47	-13	PASS
Band5	3	20635	15	#0	QPSK	2541.70	-36.79	-13	PASS
Band5	3	20635	1	#0	16QAM	2539.00	-26.16	-13	PASS
Band5	3	20635	15	#0	16QAM	2541.70	-37.85	-13	PASS
Band5	5	20425	1	#0	QPSK	2473.30	-32.92	-13	PASS

Band5	5	20425	25	#0	QPSK	2479.60	-40.37	-13	PASS
Band5	5	20425	1	#0	16QAM	2472.40	-33.96	-13	PASS
Band5	5	20425	25	#0	16QAM	2479.60	-38.98	-13	PASS
Band5	5	20525	1	#0	QPSK	2503.00	-34.99	-13	PASS
Band5	5	20525	25	#0	QPSK	2510.20	-39.85	-13	PASS
Band5	5	20525	1	#0	16QAM	2503.00	-32.17	-13	PASS
Band5	5	20525	25	#0	16QAM	2510.20	-39.00	-13	PASS
Band5	5	20625	1	#0	QPSK	2532.70	-30.71	-13	PASS
Band5	5	20625	25	#0	QPSK	2538.10	-39.59	-13	PASS
Band5	5	20625	1	#0	16QAM	2532.70	-31.00	-13	PASS
Band5	5	20625	25	#0	16QAM	2539.00	-38.84	-13	PASS
Band5	10	20450	1	#0	QPSK	2474.20	-29.17	-13	PASS
Band5	10	20450	50	#0	QPSK	2484.10	-41.54	-13	PASS
Band5	10	20450	1	#0	16QAM	2473.30	-28.21	-13	PASS
Band5	10	20525	1	#0	QPSK	2495.80	-33.59	-13	PASS
Band5	10	20525	50	#0	QPSK	2511.10	-40.25	-13	PASS
Band5	10	20525	1	#0	16QAM	2495.80	-28.37	-13	PASS
Band5	10	20600	1	#0	QPSK	2518.30	-34.70	-13	PASS
Band5	10	20600	50	#0	QPSK	2531.80	-41.56	-13	PASS
Band5	10	20600	1	#0	16QAM	2518.30	-33.01	-13	PASS
Band66	1.4	131979	1	#0	QPSK	19990.00	-39.05	-13	PASS
Band66	1.4	131979	6	#0	QPSK	18136.00	-38.68	-13	PASS
Band66	1.4	131979	1	#0	16QAM	3420.10	-37.50	-13	PASS
Band66	1.4	131979	6	#0	16QAM	17397.00	-38.70	-13	PASS
Band66	1.4	132322	1	#0	QPSK	17583.00	-39.37	-13	PASS
Band66	1.4	132322	6	#0	QPSK	17776.00	-38.46	-13	PASS
Band66	1.4	132322	1	#0	16QAM	17537.00	-39.14	-13	PASS
Band66	1.4	132322	6	#0	16QAM	18127.00	-39.32	-13	PASS
Band66	1.4	132665	1	#0	QPSK	19287.00	-39.16	-13	PASS
Band66	1.4	132665	6	#0	QPSK	17752.00	-39.20	-13	PASS
Band66	1.4	132665	1	#0	16QAM	2402.20	-38.45	-13	PASS
Band66	1.4	132665	6	#0	16QAM	17679.00	-39.15	-13	PASS
Band66	3	131987	1	#0	QPSK	17930.00	-39.61	-13	PASS
Band66	3	131987	15	#0	QPSK	18376.00	-38.88	-13	PASS
Band66	3	131987	1	#0	16QAM	17655.00	-39.67	-13	PASS
Band66	3	131987	15	#0	16QAM	18565.00	-39.65	-13	PASS
Band66	3	132322	1	#0	QPSK	18099.00	-38.83	-13	PASS
Band66	3	132322	15	#0	QPSK	17205.00	-39.10	-13	PASS
Band66	3	132322	1	#0	16QAM	17205.00	-39.29	-13	PASS
Band66	3	132322	15	#0	16QAM	18115.00	-38.35	-13	PASS
Band66	3	132657	1	#0	QPSK	19279.00	-38.87	-13	PASS
Band66	3	132657	15	#0	QPSK	18133.00	-38.82	-13	PASS
Band66	3	132657	1	#0	16QAM	18174.00	-39.58	-13	PASS
Band66	3	132657	15	#0	16QAM	17596.00	-38.80	-13	PASS

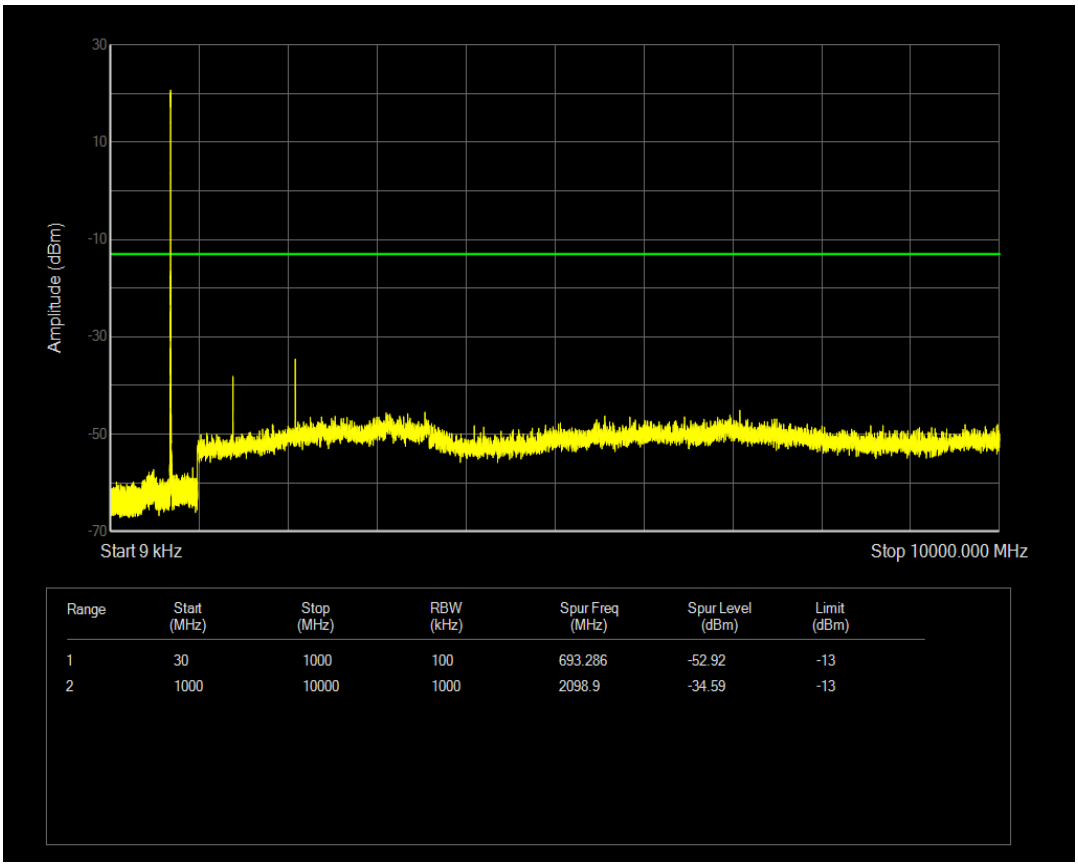
Band66	5	131997	1	#0	QPSK	17692.00	-39.53	-13	PASS
Band66	5	131997	25	#0	QPSK	17986.00	-38.81	-13	PASS
Band66	5	131997	1	#0	16QAM	19256.00	-39.31	-13	PASS
Band66	5	131997	25	#0	16QAM	2480.50	-30.16	-13	PASS
Band66	5	132322	1	#0	QPSK	17806.00	-39.21	-13	PASS
Band66	5	132322	25	#0	QPSK	17288.00	-39.51	-13	PASS
Band66	5	132322	1	#0	16QAM	18124.00	-39.77	-13	PASS
Band66	5	132322	25	#0	16QAM	18172.00	-39.71	-13	PASS
Band66	5	132647	1	#0	QPSK	18477.00	-39.32	-13	PASS
Band66	5	132647	25	#0	QPSK	18166.00	-39.17	-13	PASS
Band66	5	132647	1	#0	16QAM	17655.00	-38.89	-13	PASS
Band66	5	132647	25	#0	16QAM	17770.00	-37.90	-13	PASS
Band66	10	132022	1	#0	QPSK	18593.00	-38.63	-13	PASS
Band66	10	132022	50	#0	QPSK	18700.00	-39.19	-13	PASS
Band66	10	132022	1	#0	16QAM	17765.00	-39.35	-13	PASS
Band66	10	132322	1	#0	QPSK	18032.00	-39.46	-13	PASS
Band66	10	132322	50	#0	QPSK	18480.00	-38.76	-13	PASS
Band66	10	132322	1	#0	16QAM	2479.60	-30.35	-13	PASS
Band66	10	132622	1	#0	QPSK	3541.60	-38.50	-13	PASS
Band66	10	132622	50	#0	QPSK	17723.00	-39.37	-13	PASS
Band66	10	132622	1	#0	16QAM	17813.00	-39.05	-13	PASS
Band66	15	132047	1	#0	QPSK	17681.00	-38.86	-13	PASS
Band66	15	132047	75	#0	QPSK	18059.00	-38.89	-13	PASS
Band66	15	132047	1	#0	16QAM	17816.00	-38.82	-13	PASS
Band66	15	132322	1	#0	QPSK	18131.00	-39.28	-13	PASS
Band66	15	132322	75	#0	QPSK	18111.00	-39.21	-13	PASS
Band66	15	132322	1	#0	16QAM	17607.00	-39.54	-13	PASS
Band66	15	132597	1	#0	QPSK	17312.00	-38.70	-13	PASS
Band66	15	132597	75	#0	QPSK	18028.00	-38.41	-13	PASS
Band66	15	132597	1	#0	16QAM	19946.00	-39.09	-13	PASS
Band66	20	132072	1	#0	QPSK	17609.00	-39.46	-13	PASS
Band66	20	132072	100	#0	QPSK	18962.00	-38.37	-13	PASS
Band66	20	132072	1	#0	16QAM	18611.00	-38.87	-13	PASS
Band66	20	132322	1	#0	QPSK	19999.00	-37.79	-13	PASS
Band66	20	132322	100	#0	QPSK	18162.00	-39.45	-13	PASS
Band66	20	132322	1	#0	16QAM	17740.00	-38.89	-13	PASS
Band66	20	132572	1	#0	QPSK	3521.80	-38.06	-13	PASS
Band66	20	132572	100	#0	QPSK	17641.00	-39.56	-13	PASS
Band66	20	132572	1	#0	16QAM	17565.00	-39.18	-13	PASS

Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#0



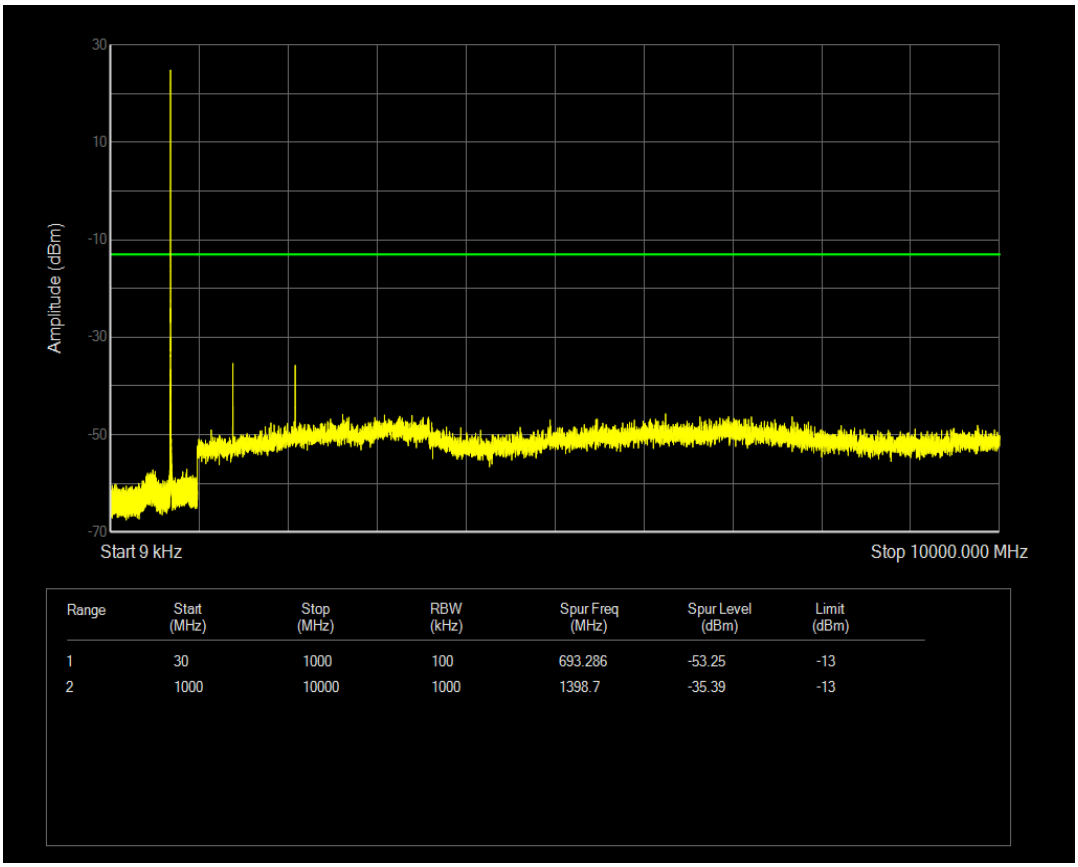
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	693.383	-53.19	-13
2	1000	10000	1000	2098	-33.07	-13

Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



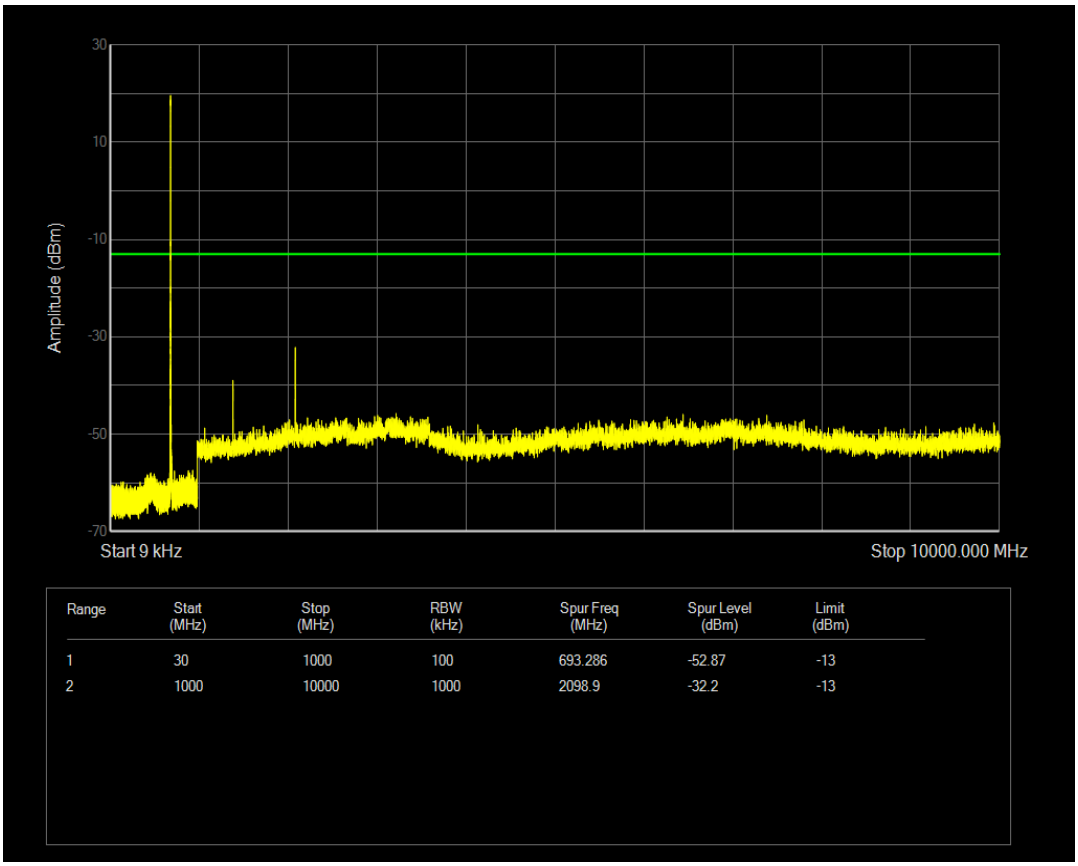
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	693.286	-52.92	-13
2	1000	10000	1000	2098.9	-34.59	-13

Band12 16QAM BW=1.4MHz Channel=23017 RB Size=1 Position=#0



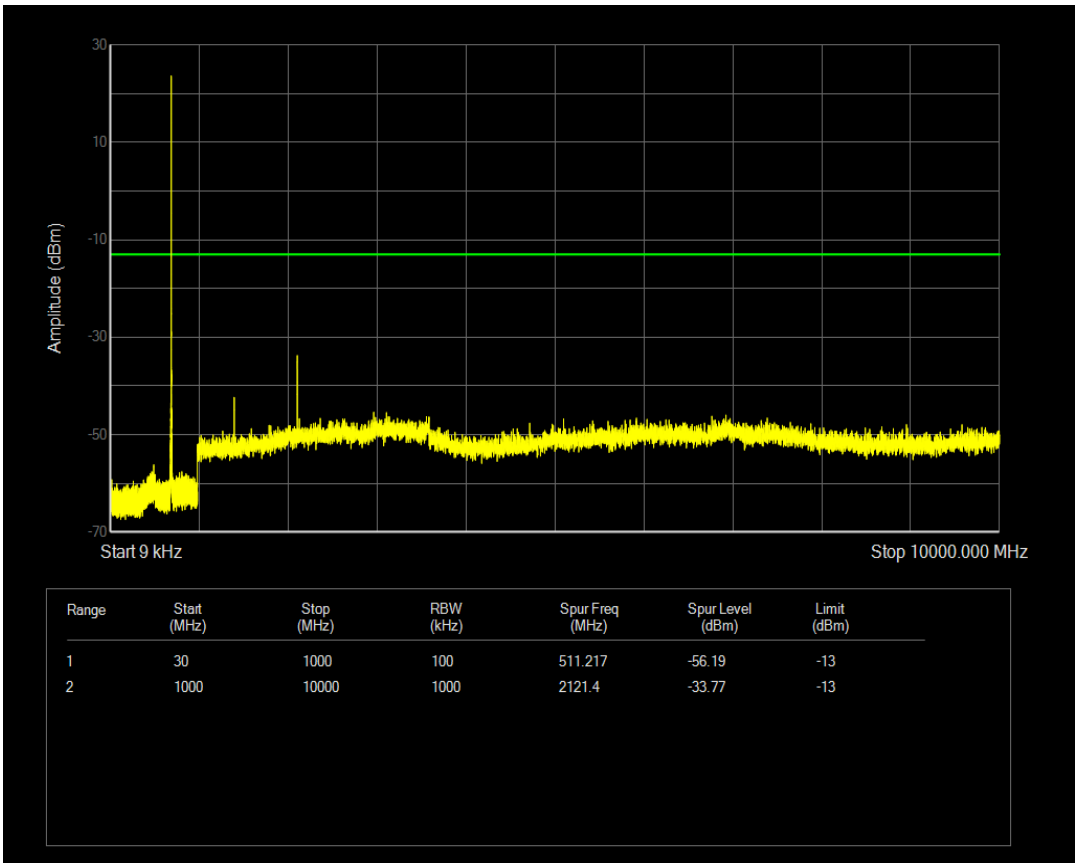
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	693.286	-53.25	-13
2	1000	10000	1000	1398.7	-35.39	-13

Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0



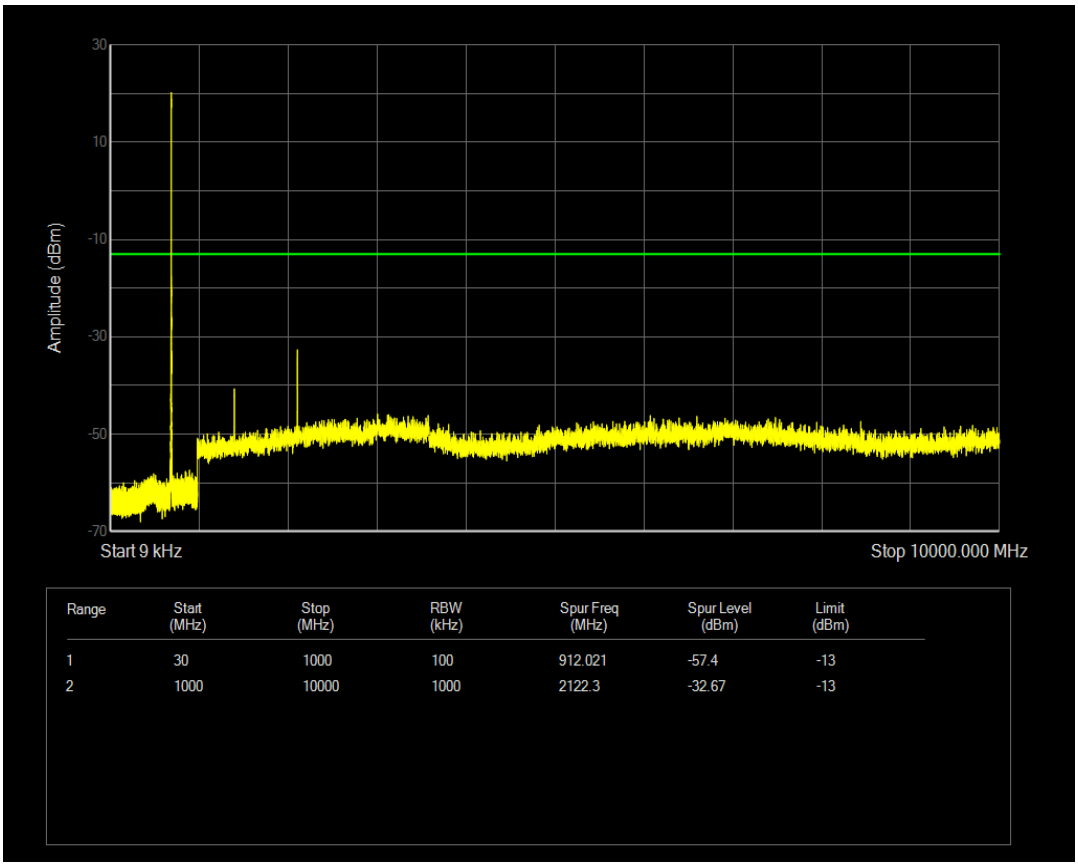
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	693.286	-52.87	-13
2	1000	10000	1000	2098.9	-32.2	-13

Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0



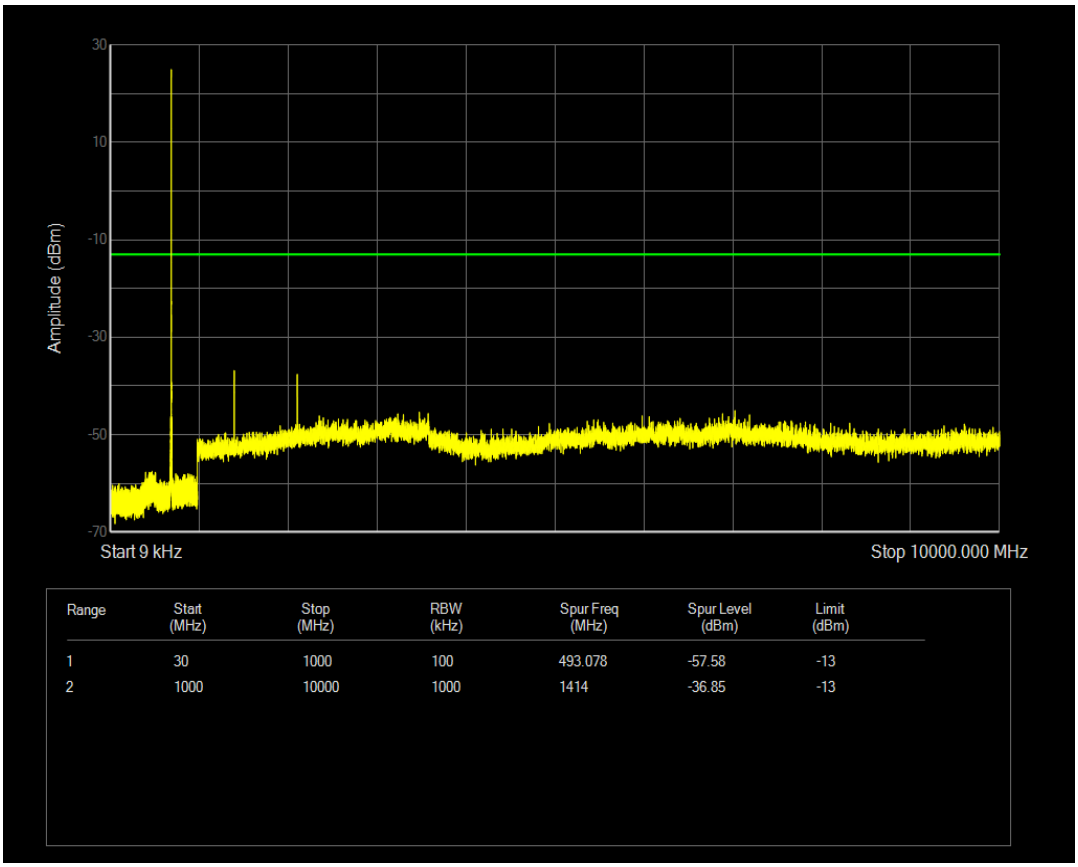
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	511.217	-56.19	-13
2	1000	10000	1000	2121.4	-33.77	-13

Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



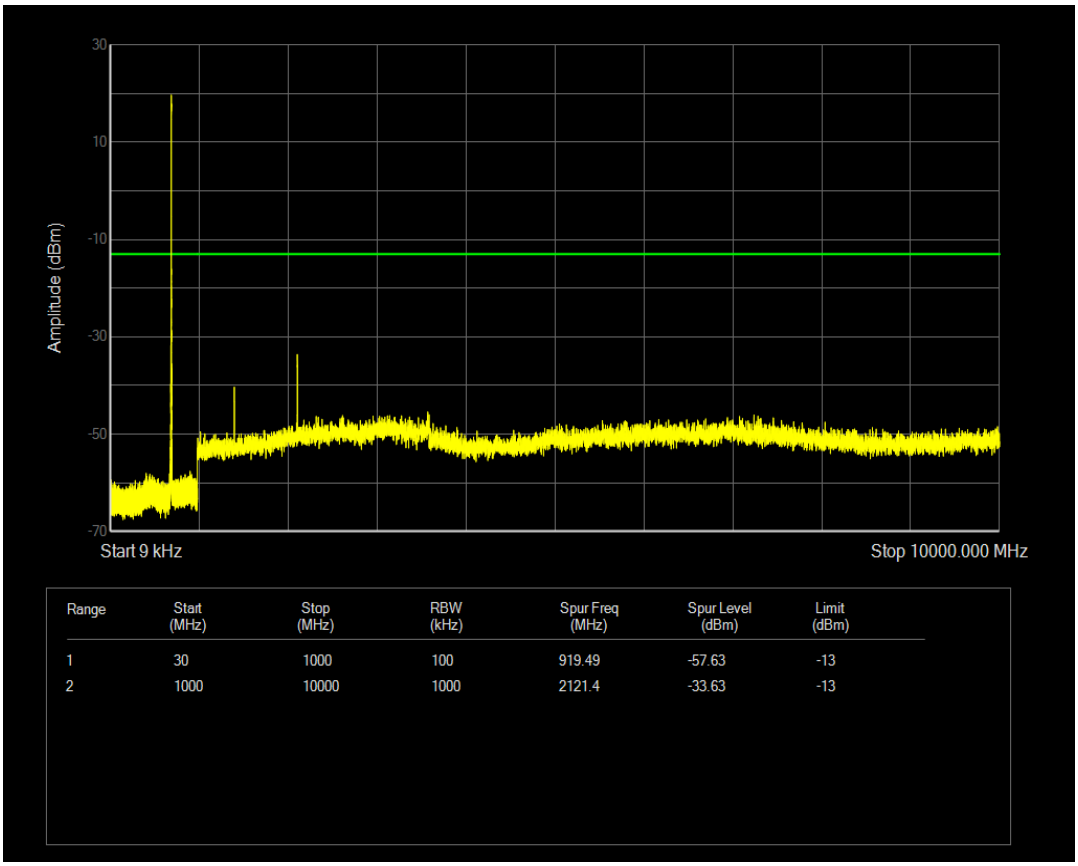
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	912.021	-57.4	-13
2	1000	10000	1000	2122.3	-32.67	-13

Band12 16QAM BW=1.4MHz Channel=23095 RB Size=1 Position=#0



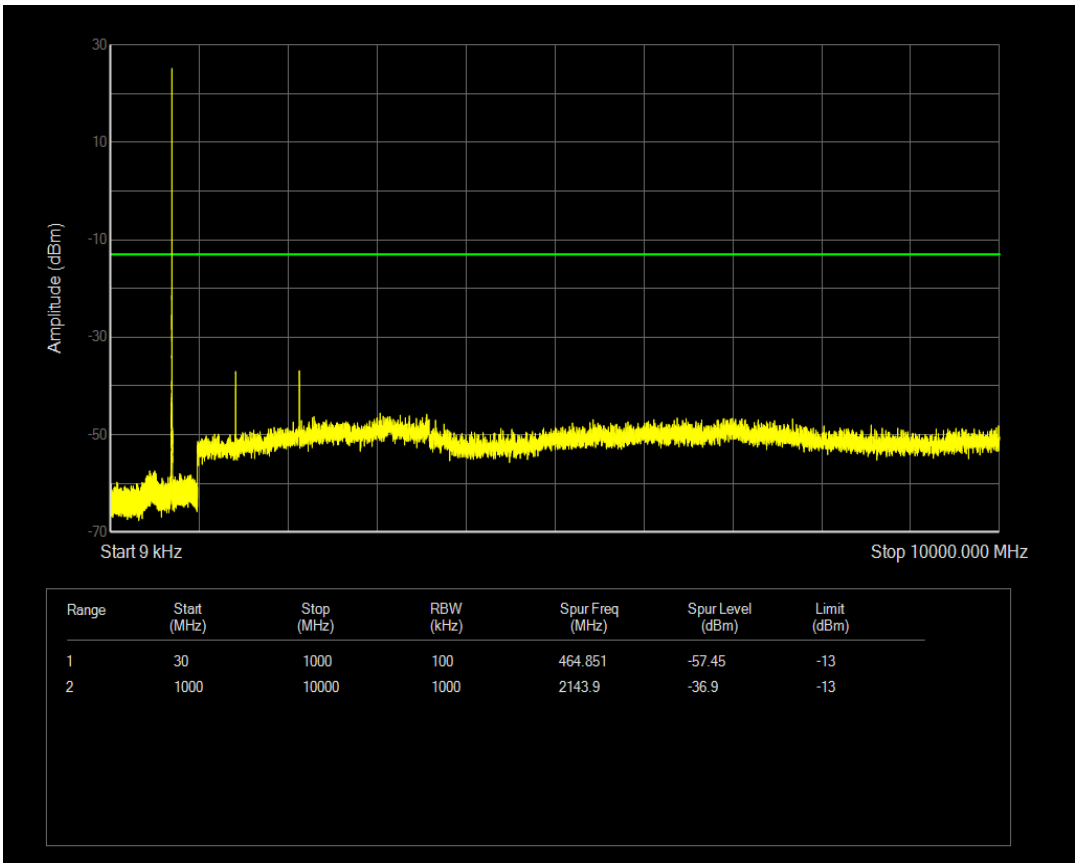
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	493.078	-57.58	-13
2	1000	10000	1000	1414	-36.85	-13

Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



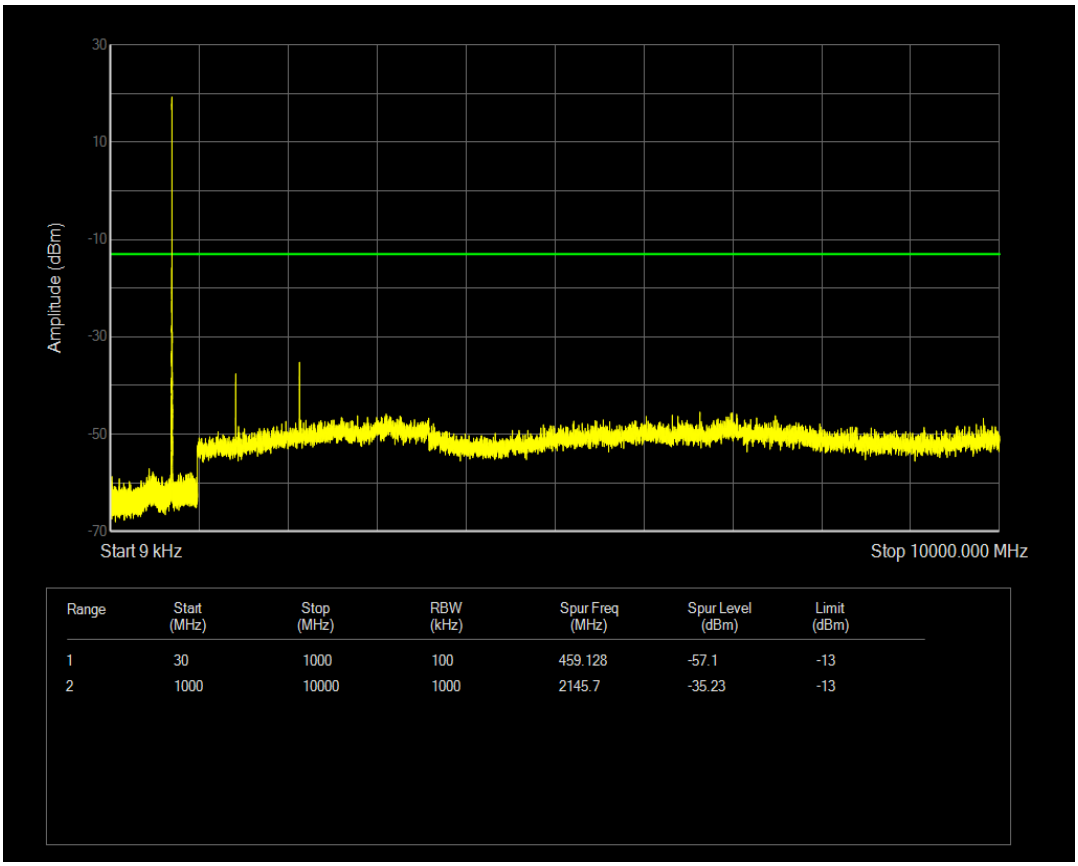
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	919.49	-57.63	-13
2	1000	10000	1000	2121.4	-33.63	-13

Band12 QPSK BW=1.4MHz Channel=23173 RB Size=1 Position=#0



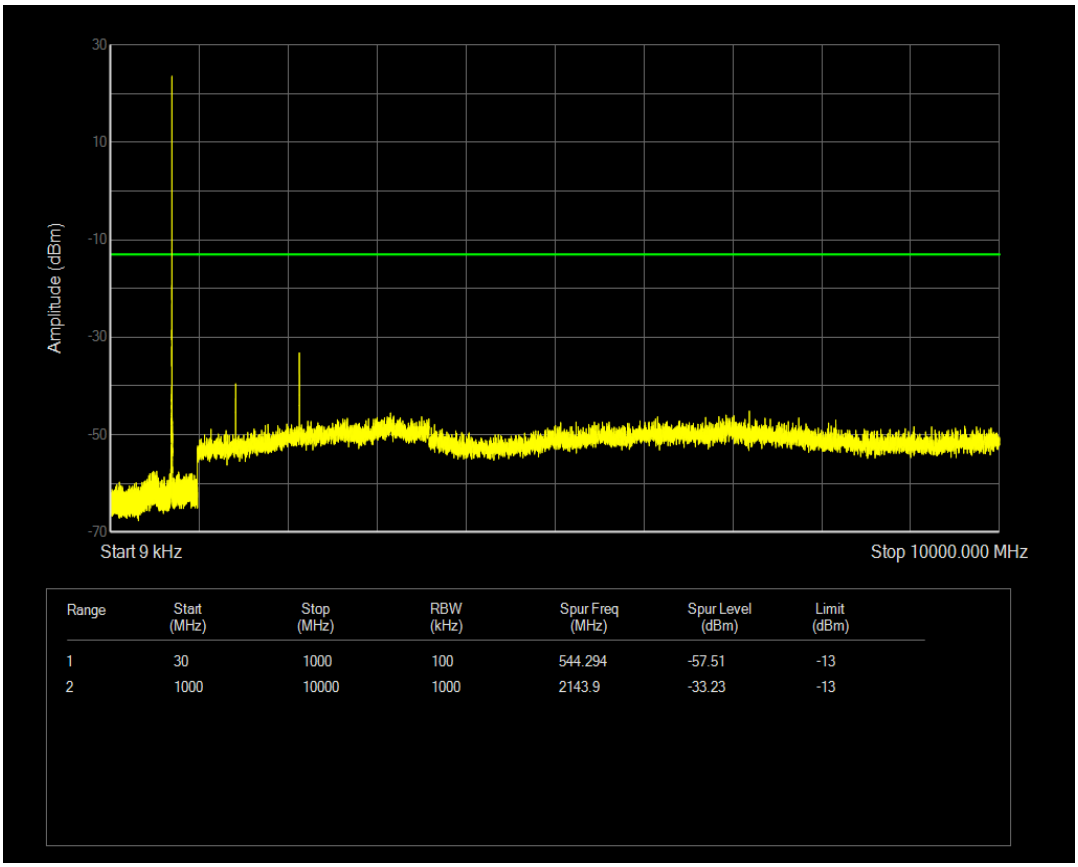
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	464.851	-57.45	-13
2	1000	10000	1000	2143.9	-36.9	-13

Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



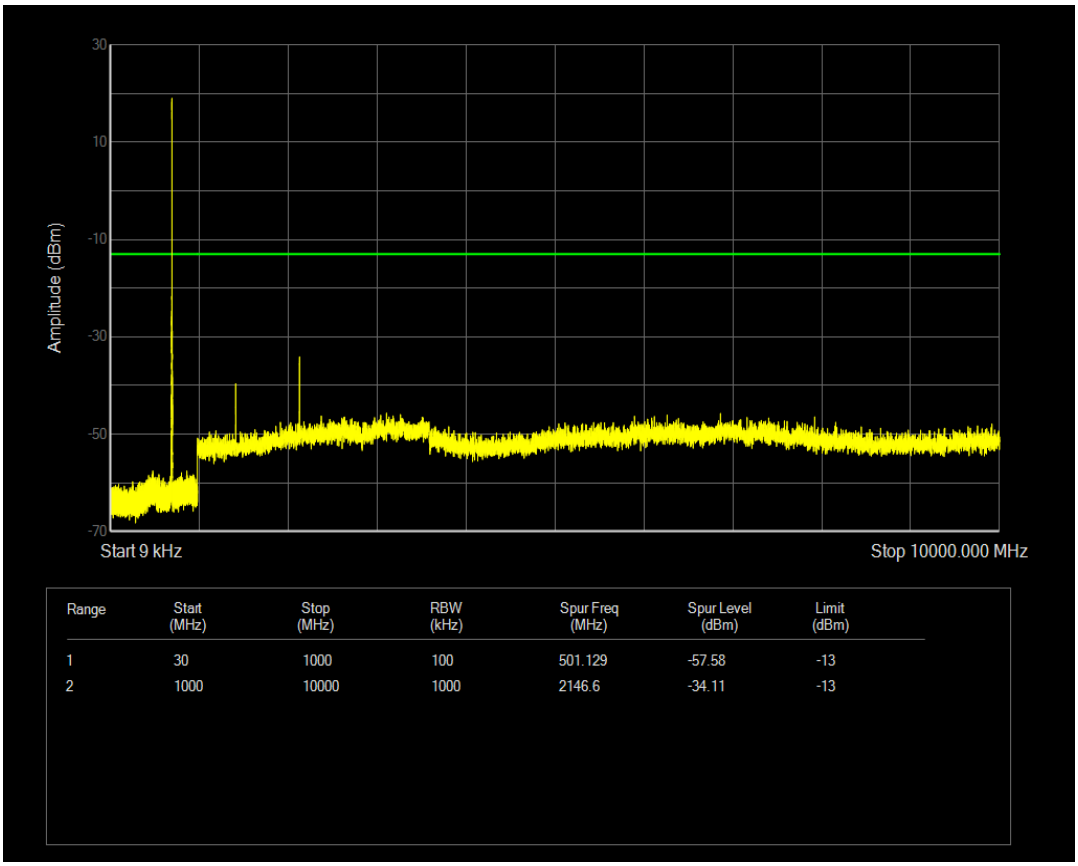
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	459.128	-57.1	-13
2	1000	10000	1000	2145.7	-35.23	-13

Band12 16QAM BW=1.4MHz Channel=23173 RB Size=1 Position=#0



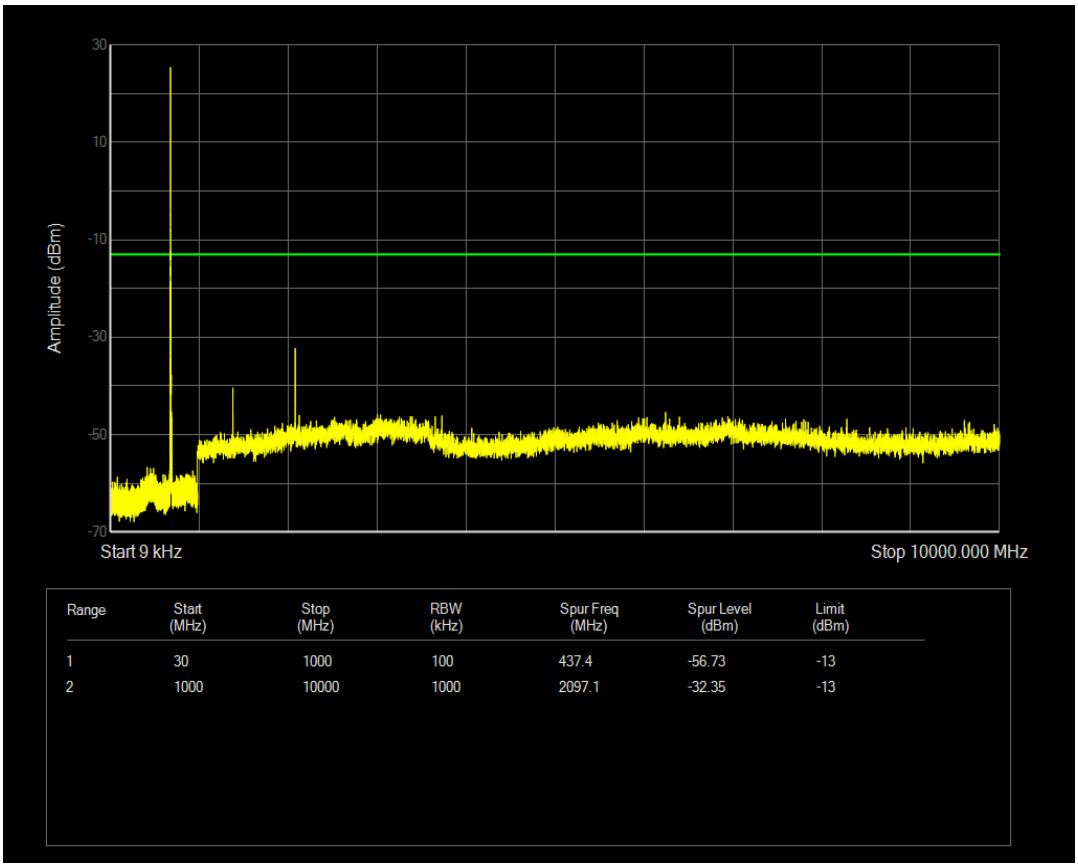
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	544.294	-57.51	-13
2	1000	10000	1000	2143.9	-33.23	-13

Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



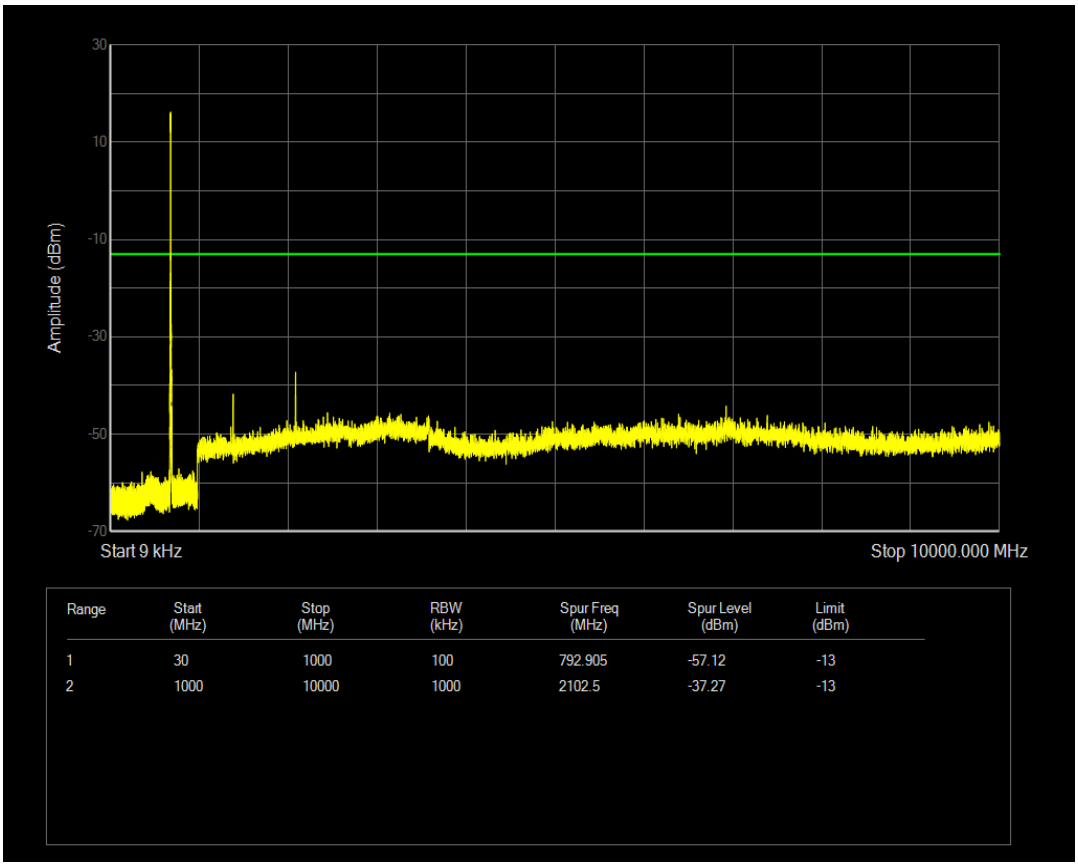
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	501.129	-57.58	-13
2	1000	10000	1000	2146.6	-34.11	-13

Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#0



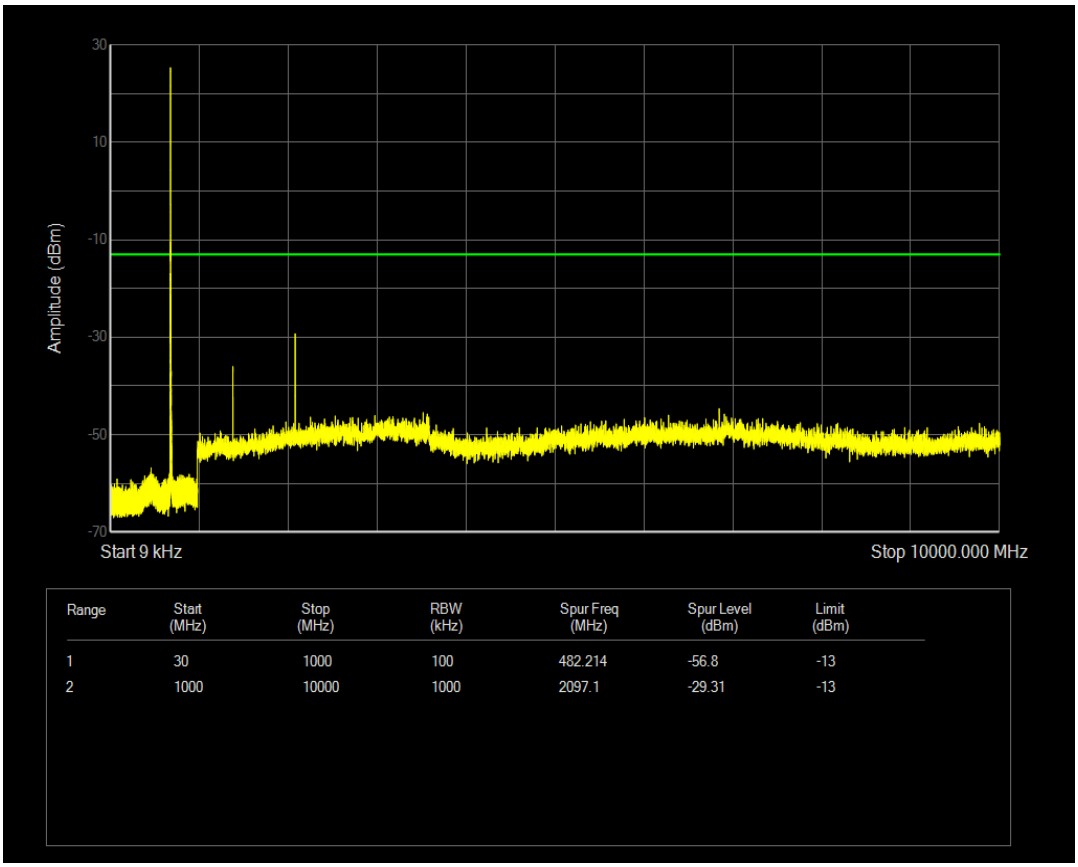
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	437.4	-56.73	-13
2	1000	10000	1000	2097.1	-32.35	-13

Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



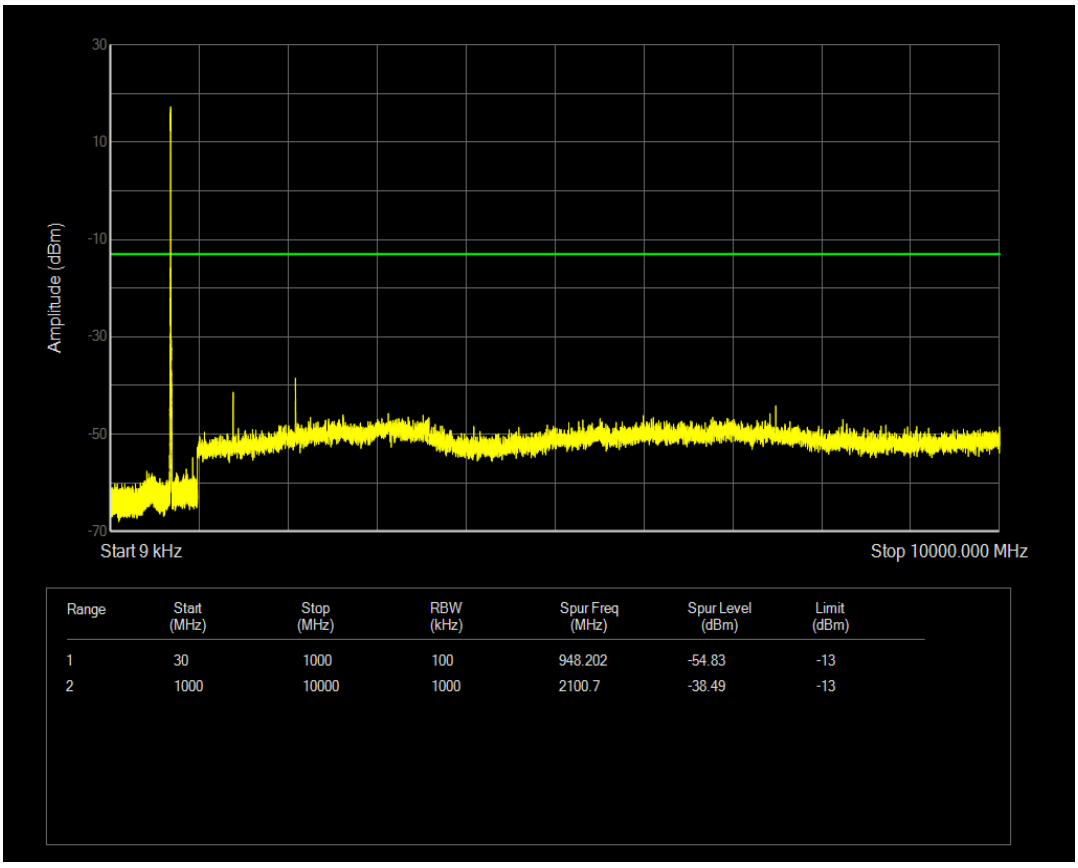
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	792.905	-57.12	-13
2	1000	10000	1000	2102.5	-37.27	-13

Band12 16QAM BW=3MHz Channel=23025 RB Size=1 Position=#0



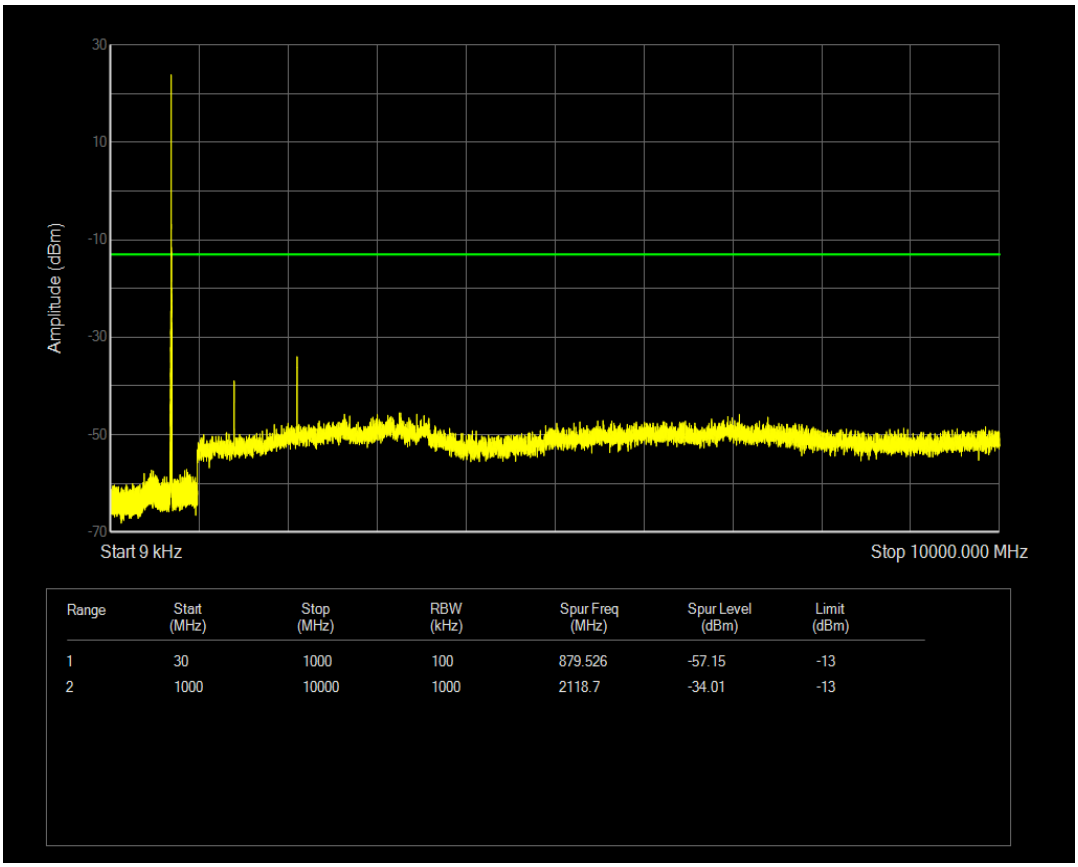
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	482.214	-56.8	-13
2	1000	10000	1000	2097.1	-29.31	-13

Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0



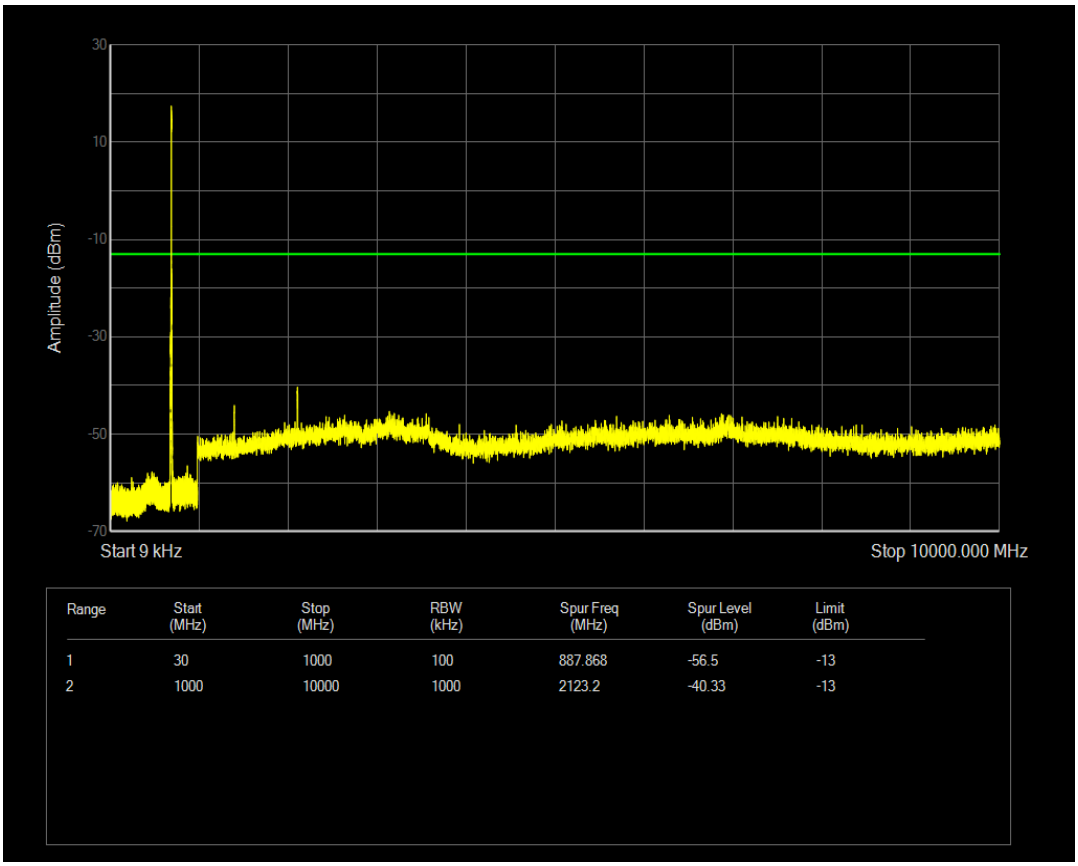
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	948.202	-54.83	-13
2	1000	10000	1000	2100.7	-38.49	-13

Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0



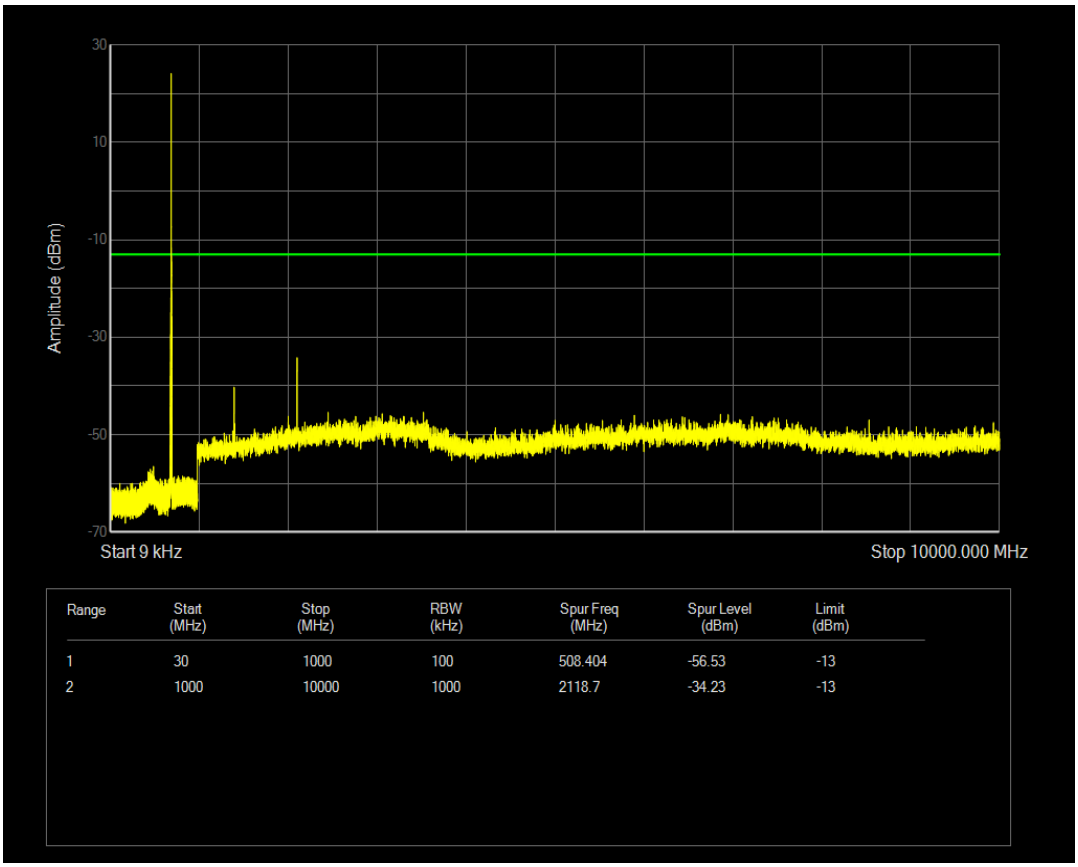
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	879.526	-57.15	-13
2	1000	10000	1000	2118.7	-34.01	-13

Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



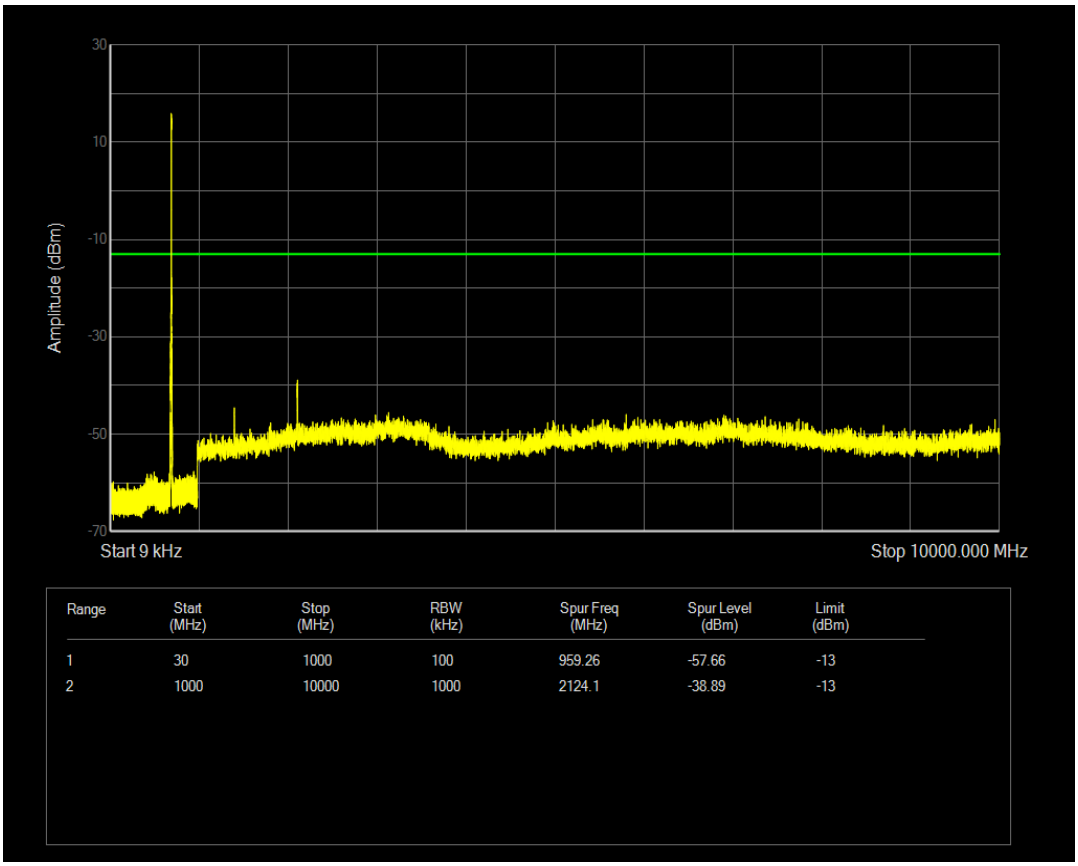
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	887.868	-56.5	-13
2	1000	10000	1000	2123.2	-40.33	-13

Band12 16QAM BW=3MHz Channel=23095 RB Size=1 Position=#0



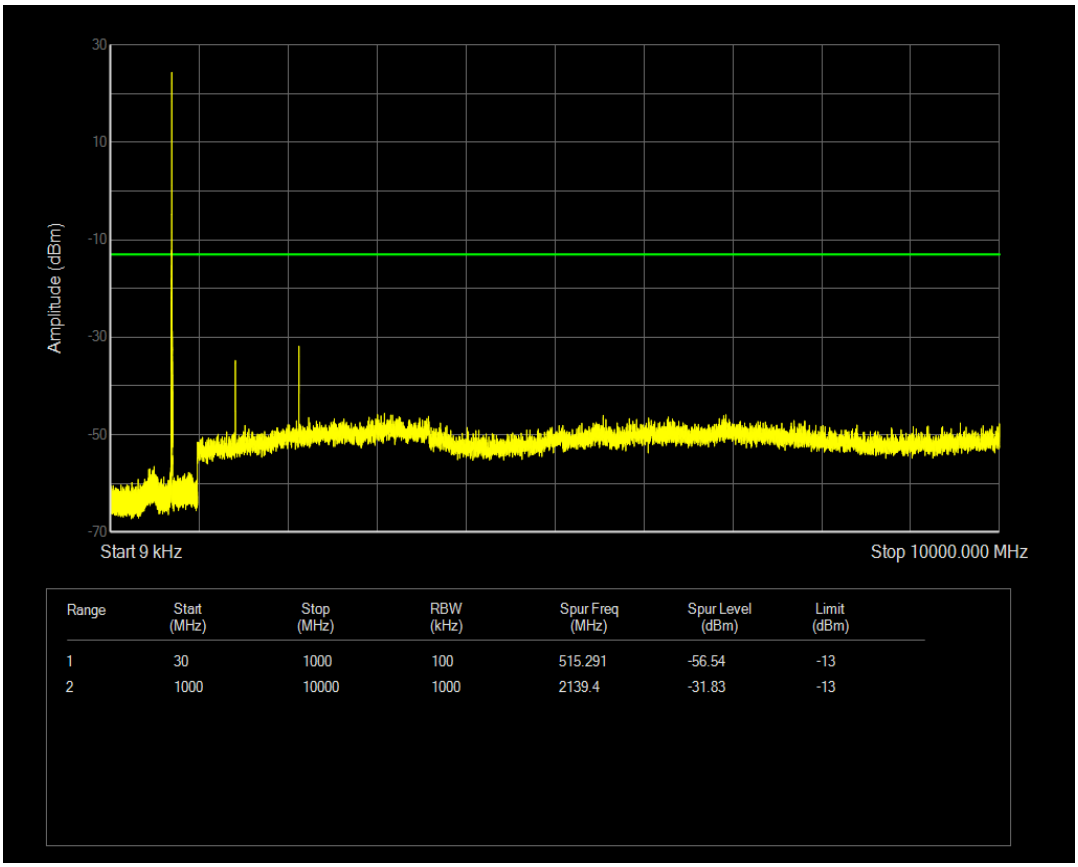
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	508.404	-56.53	-13
2	1000	10000	1000	2118.7	-34.23	-13

Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



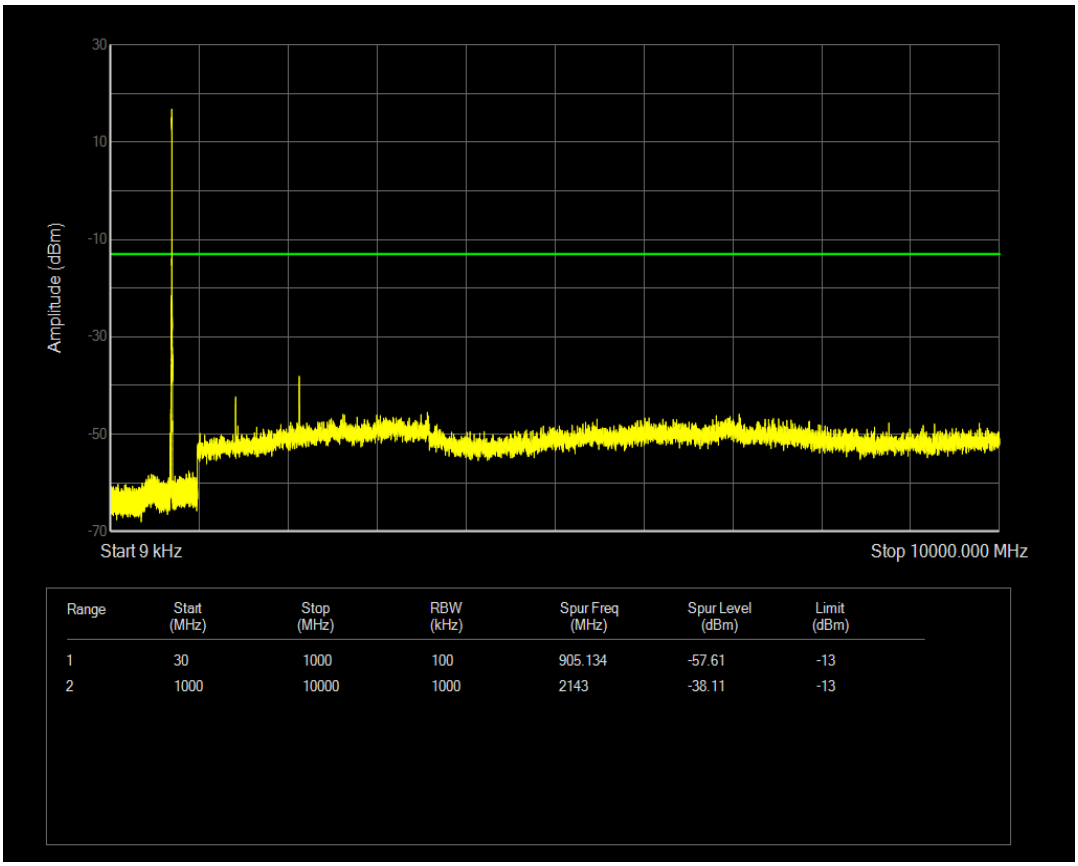
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	959.26	-57.66	-13
2	1000	10000	1000	2124.1	-38.89	-13

Band12 QPSK BW=3MHz Channel=23165 RB Size=1 Position=#0



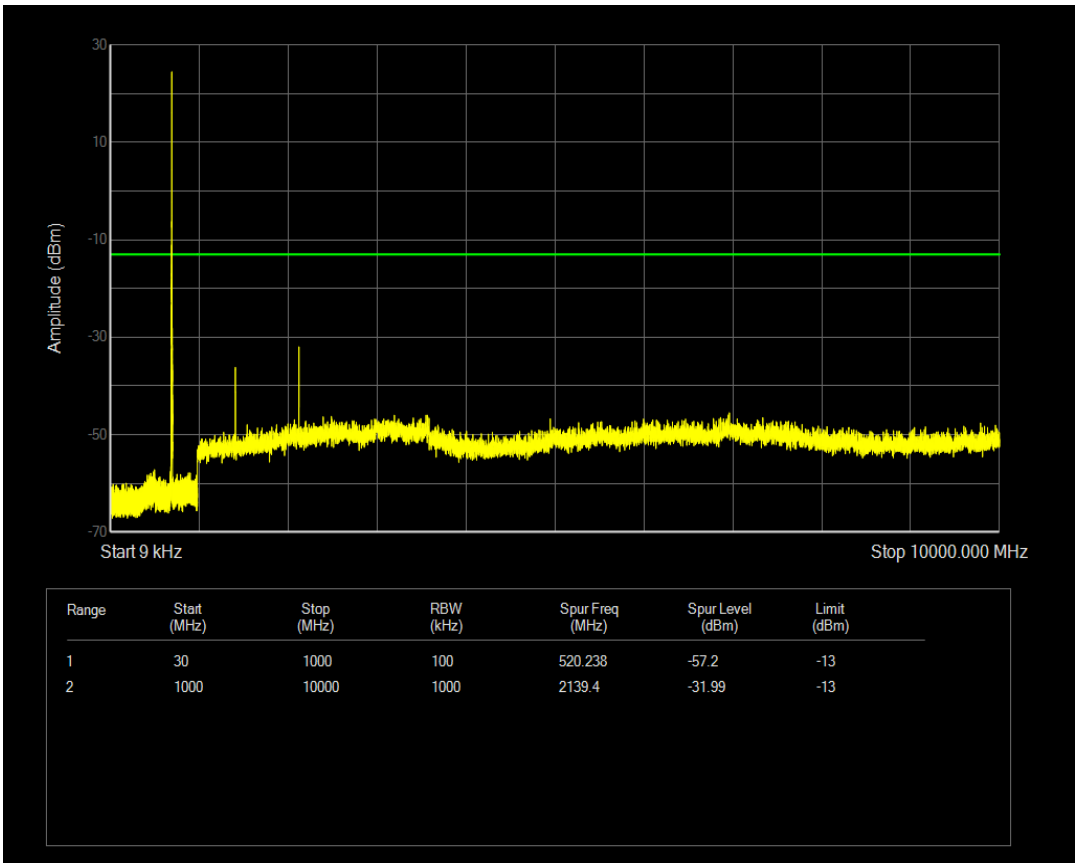
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	515.291	-56.54	-13
2	1000	10000	1000	2139.4	-31.83	-13

Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



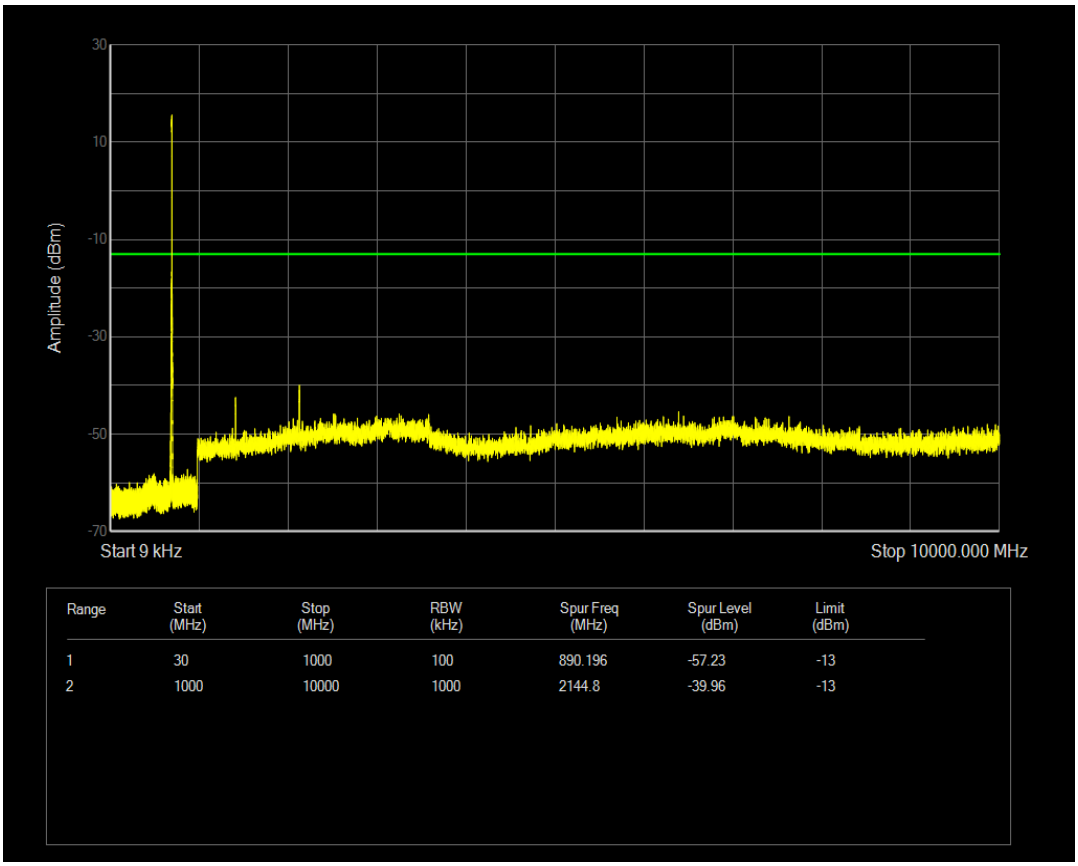
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	905.134	-57.61	-13
2	1000	10000	1000	2143	-38.11	-13

Band12 16QAM BW=3MHz Channel=23165 RB Size=1 Position=#0



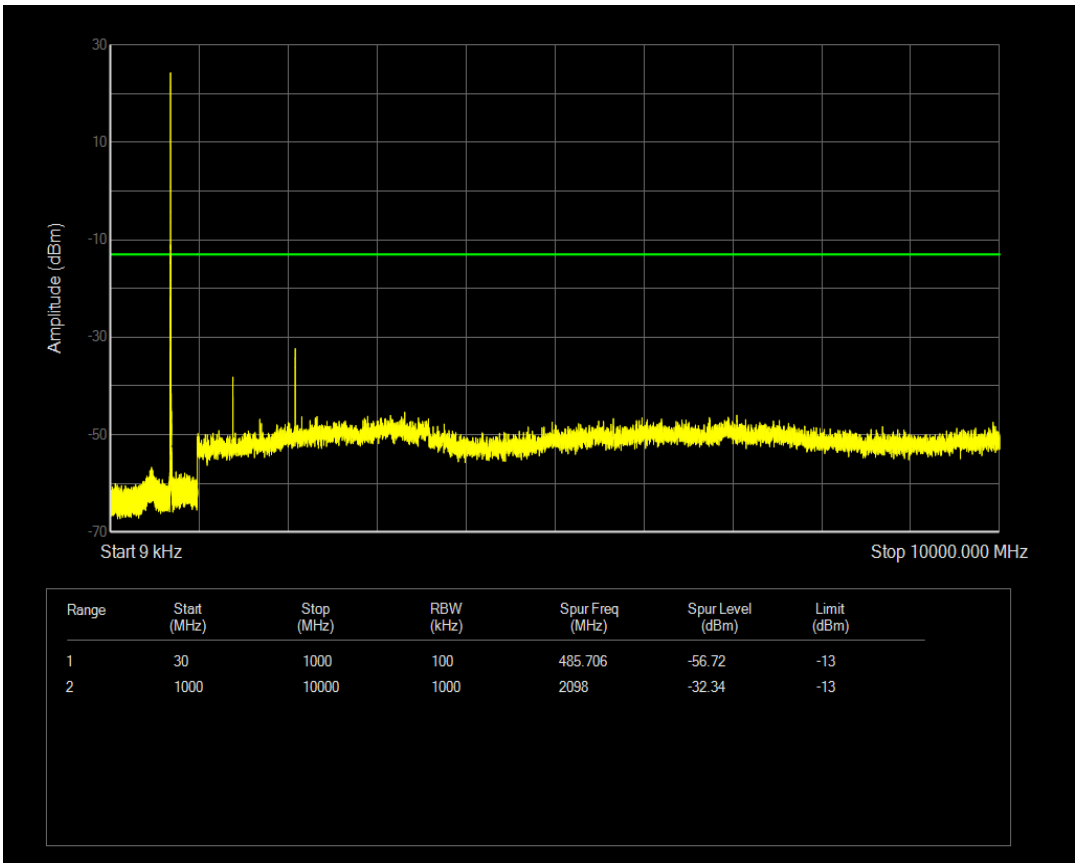
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	520.238	-57.2	-13
2	1000	10000	1000	2139.4	-31.99	-13

Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0



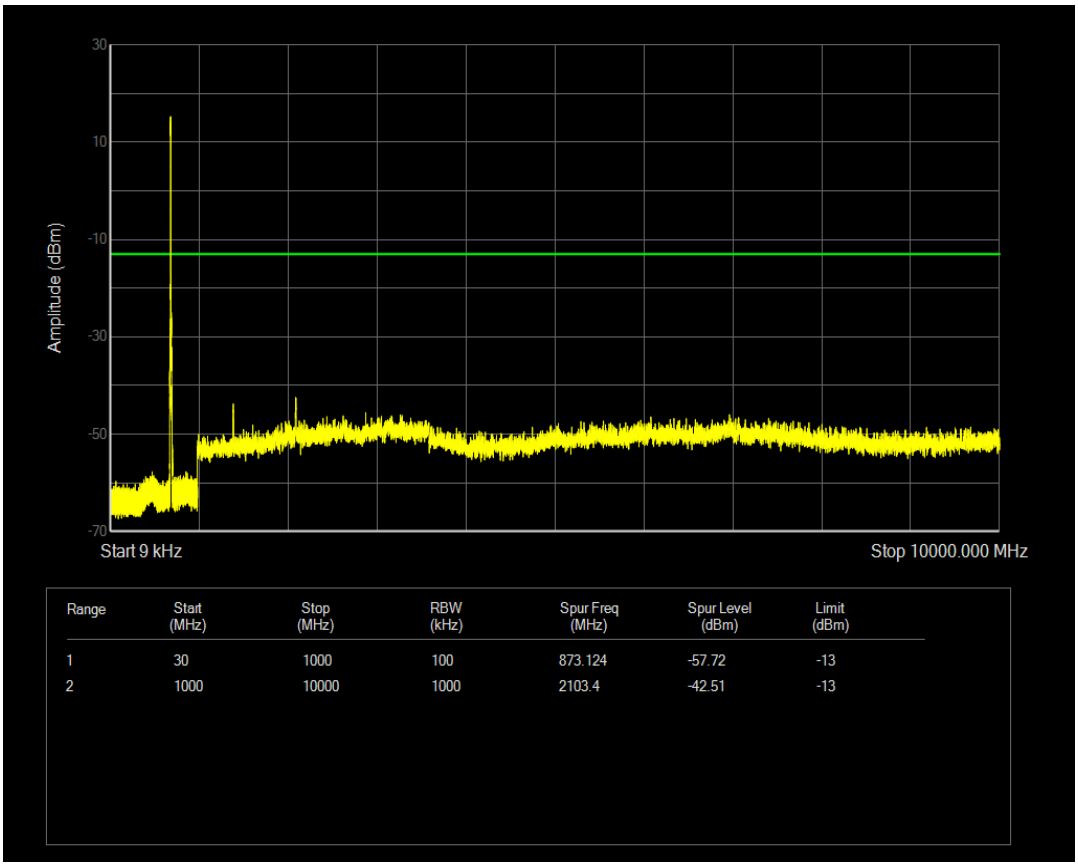
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	890.196	-57.23	-13
2	1000	10000	1000	2144.8	-39.96	-13

Band12 QPSK BW=5MHz Channel=23035 RB Size=1 Position=#0



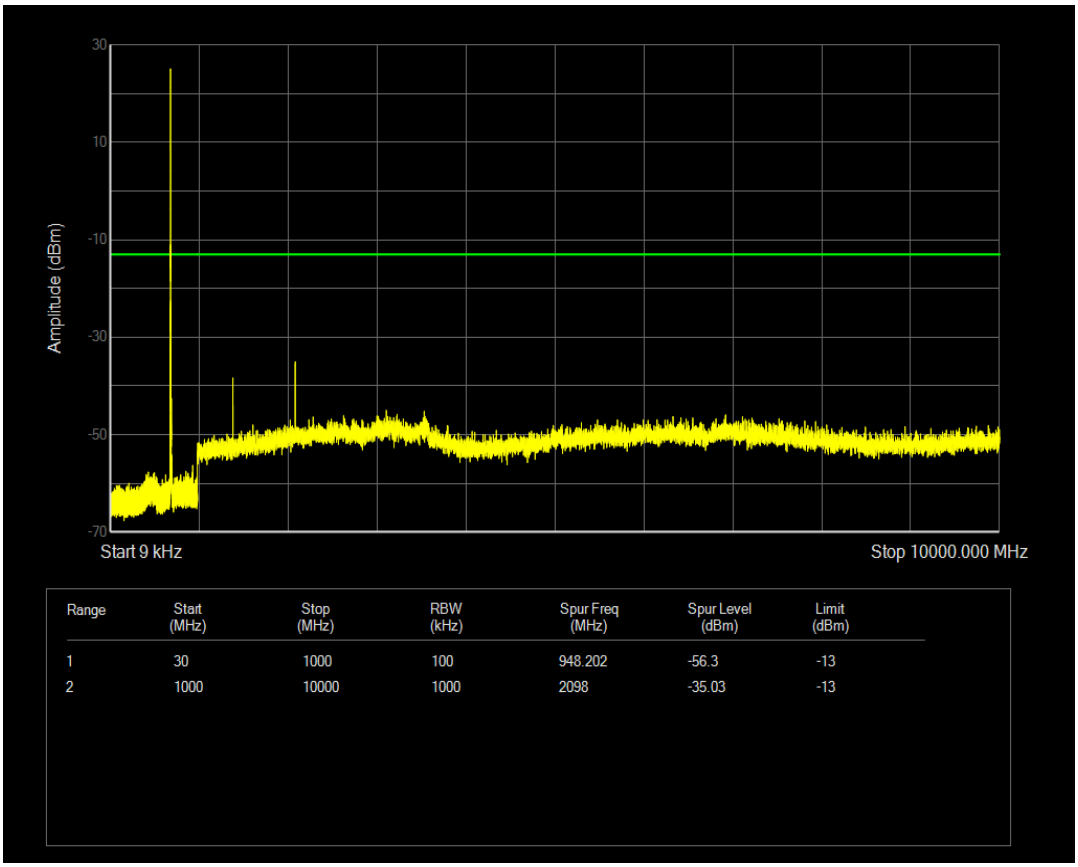
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	485.706	-56.72	-13
2	1000	10000	1000	2098	-32.34	-13

Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



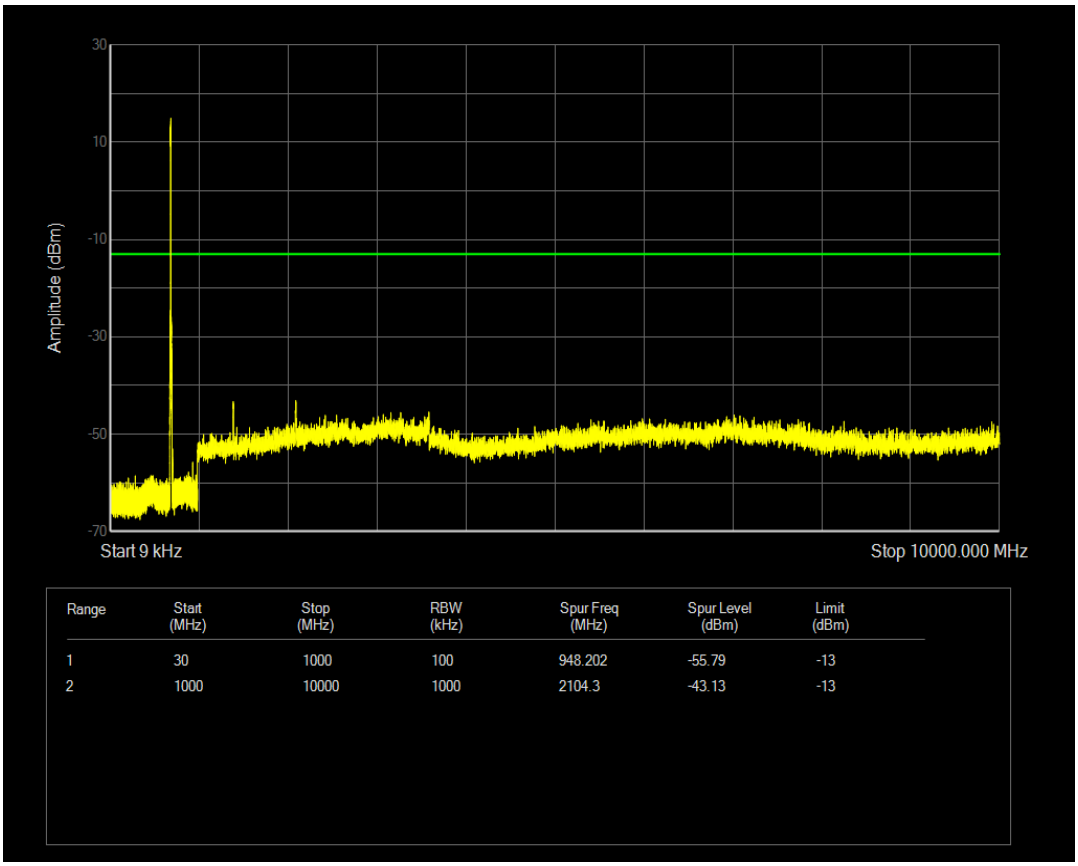
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	873.124	-57.72	-13
2	1000	10000	1000	2103.4	-42.51	-13

Band12 16QAM BW=5MHz Channel=23035 RB Size=1 Position=#0



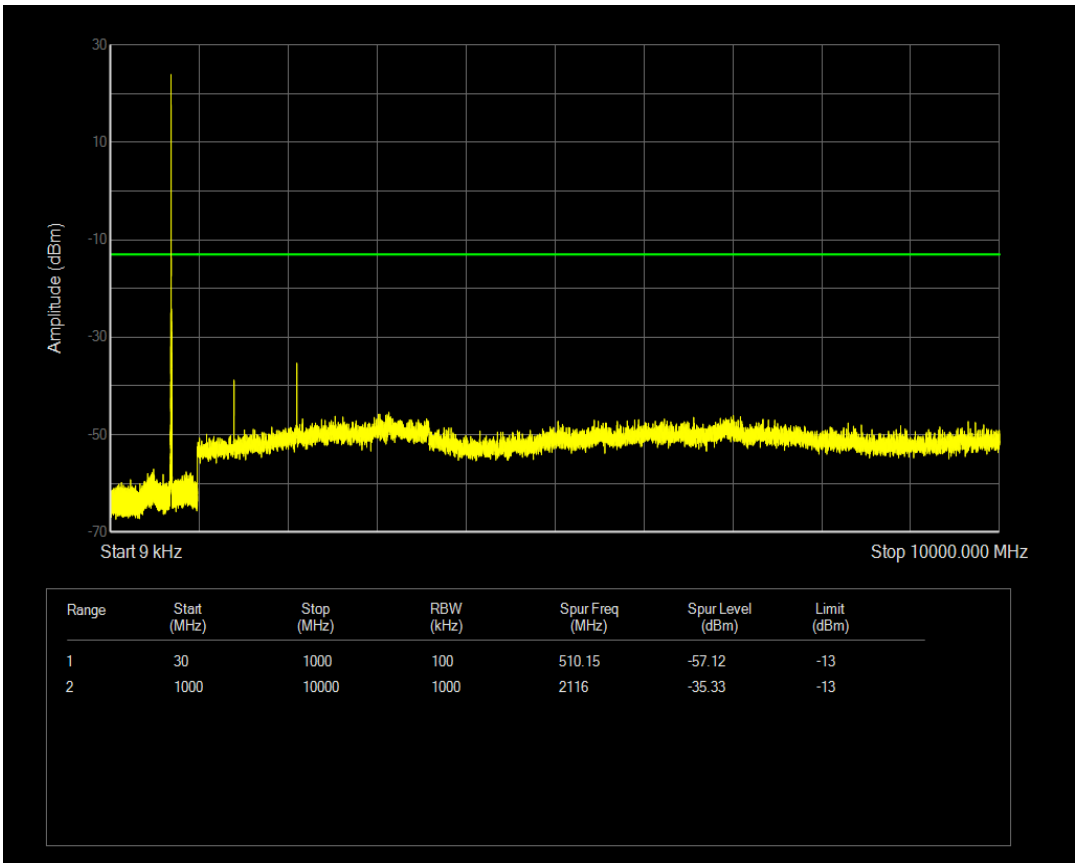
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	948.202	-56.3	-13
2	1000	10000	1000	2098	-35.03	-13

Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



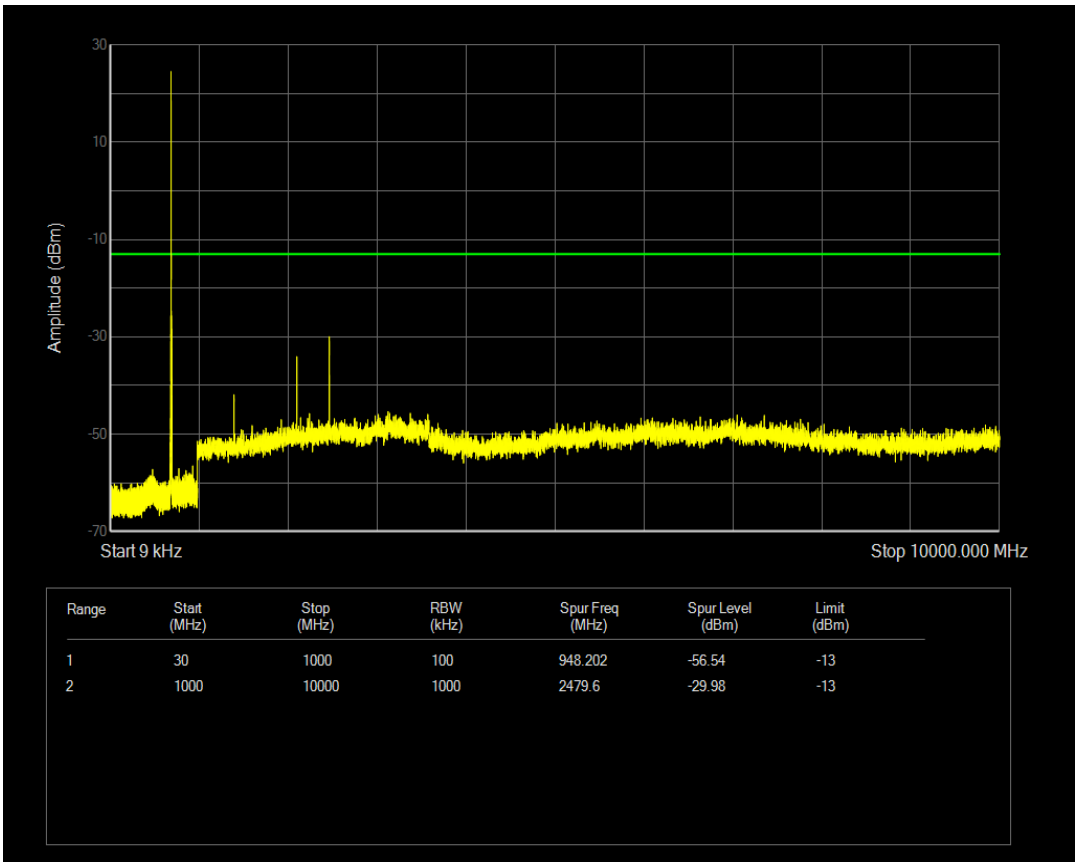
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	948.202	-55.79	-13
2	1000	10000	1000	2104.3	-43.13	-13

Band12 QPSK BW=5MHz Channel=23095 RB Size=1 Position=#0



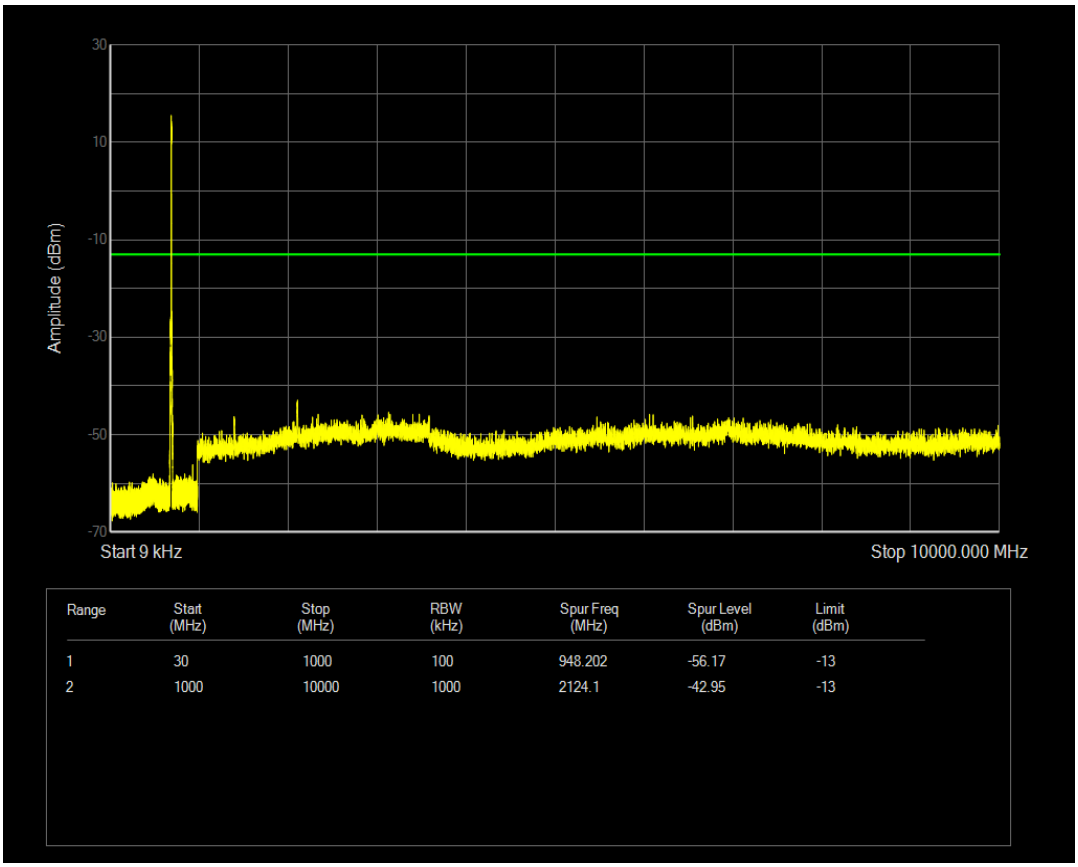
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	510.15	-57.12	-13
2	1000	10000	1000	2116	-35.33	-13

Band12 16QAM BW=5MHz Channel=23095 RB Size=1 Position=#0



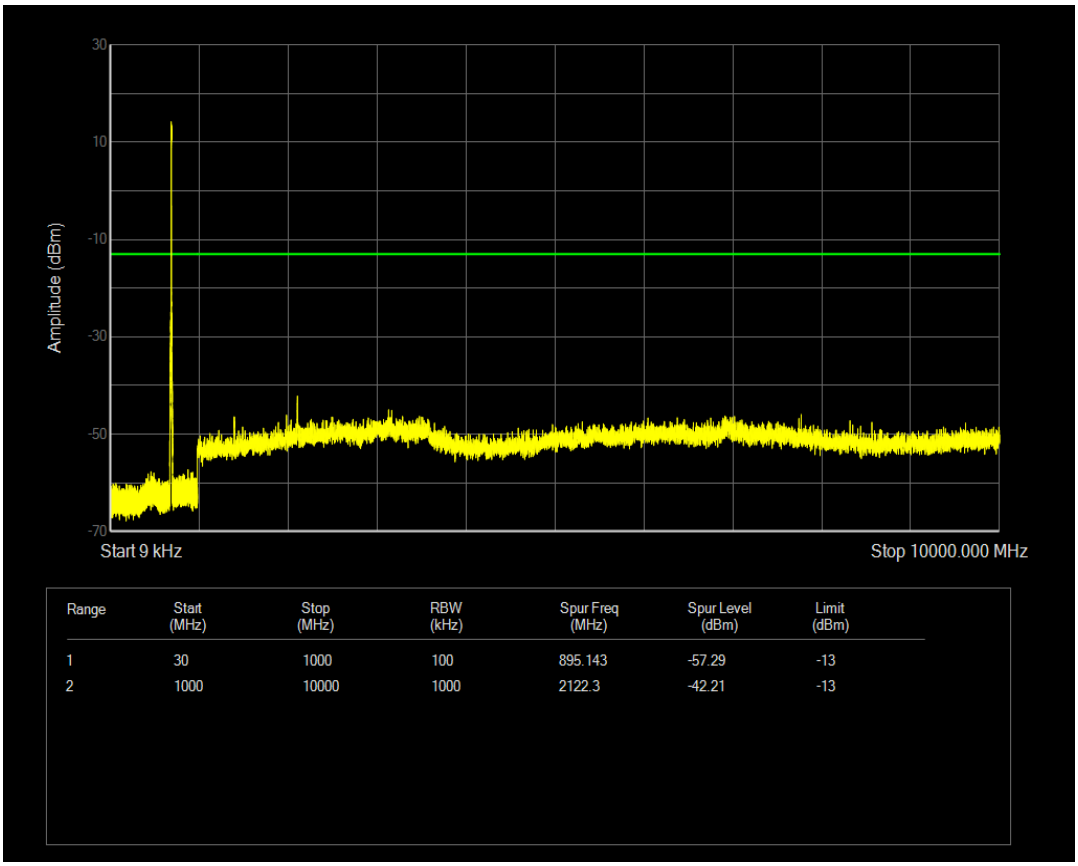
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	948.202	-56.54	-13
2	1000	10000	1000	2479.6	-29.98	-13

Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



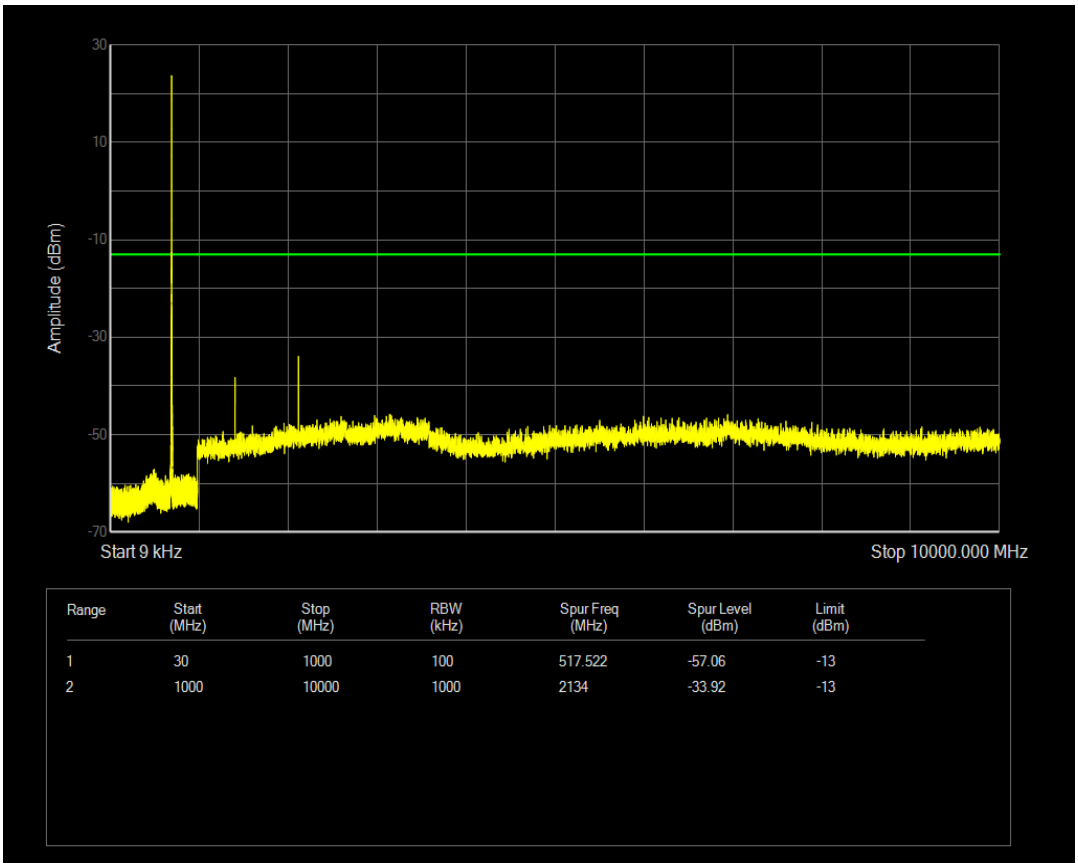
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	948.202	-56.17	-13
2	1000	10000	1000	2124.1	-42.95	-13

Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



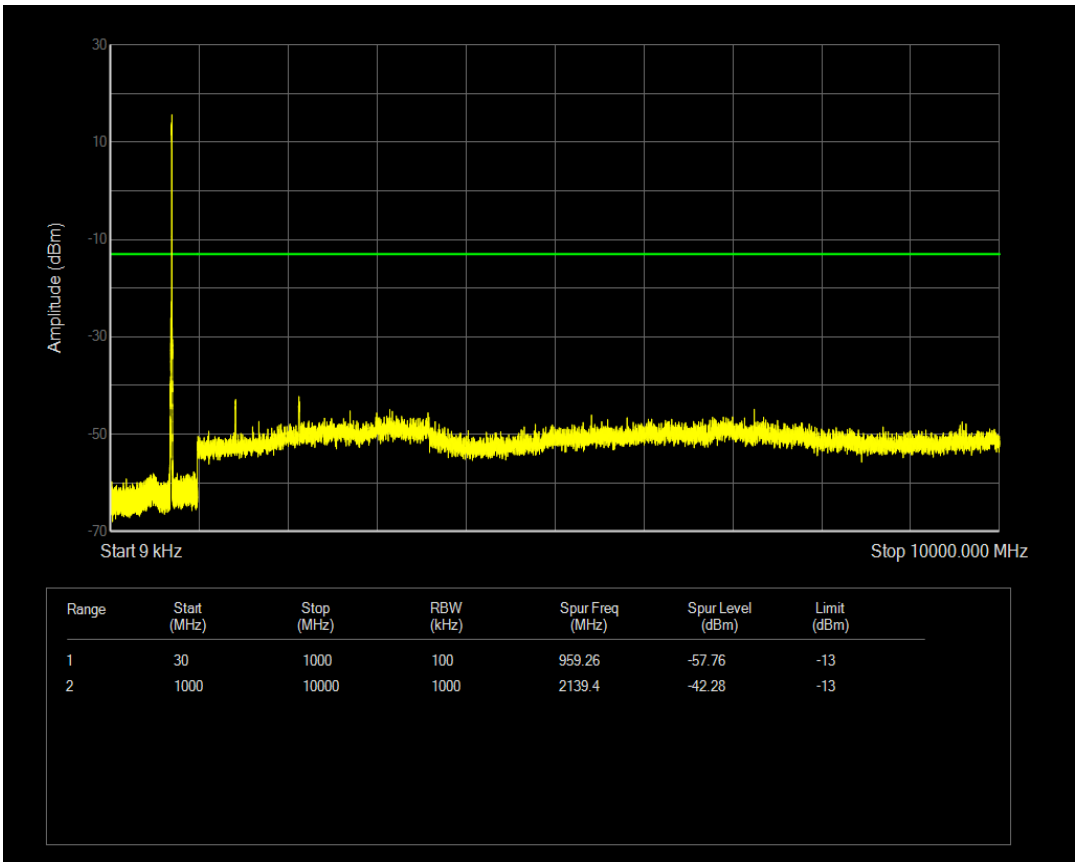
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	895.143	-57.29	-13
2	1000	10000	1000	2122.3	-42.21	-13

Band12 QPSK BW=5MHz Channel=23155 RB Size=1 Position=#0



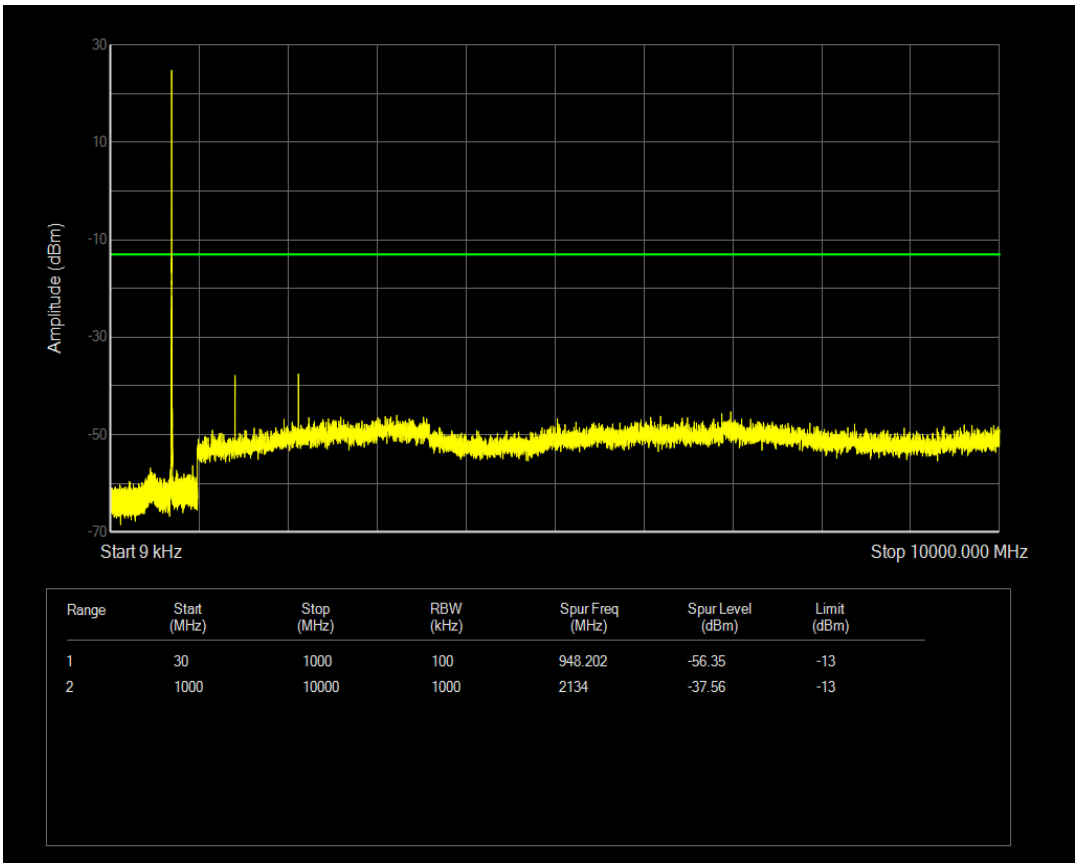
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	517.522	-57.06	-13
2	1000	10000	1000	2134	-33.92	-13

Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



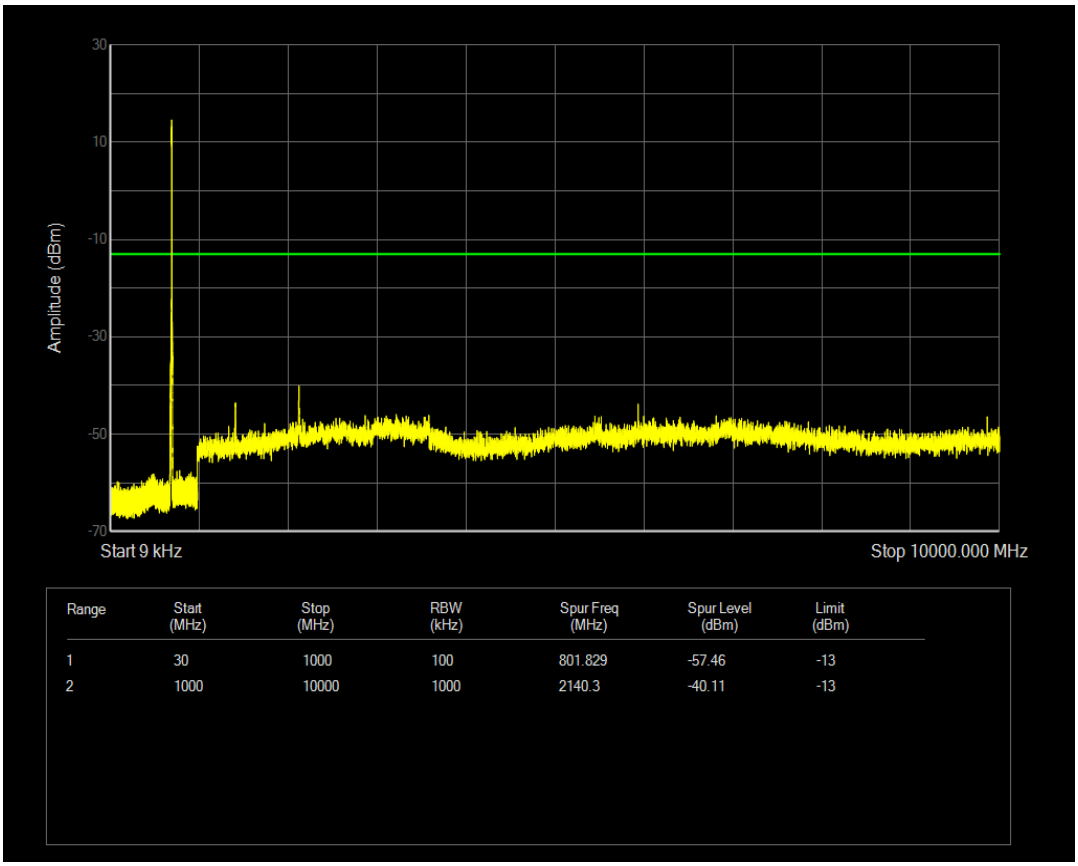
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	959.26	-57.76	-13
2	1000	10000	1000	2139.4	-42.28	-13

Band12 16QAM BW=5MHz Channel=23155 RB Size=1 Position=#0



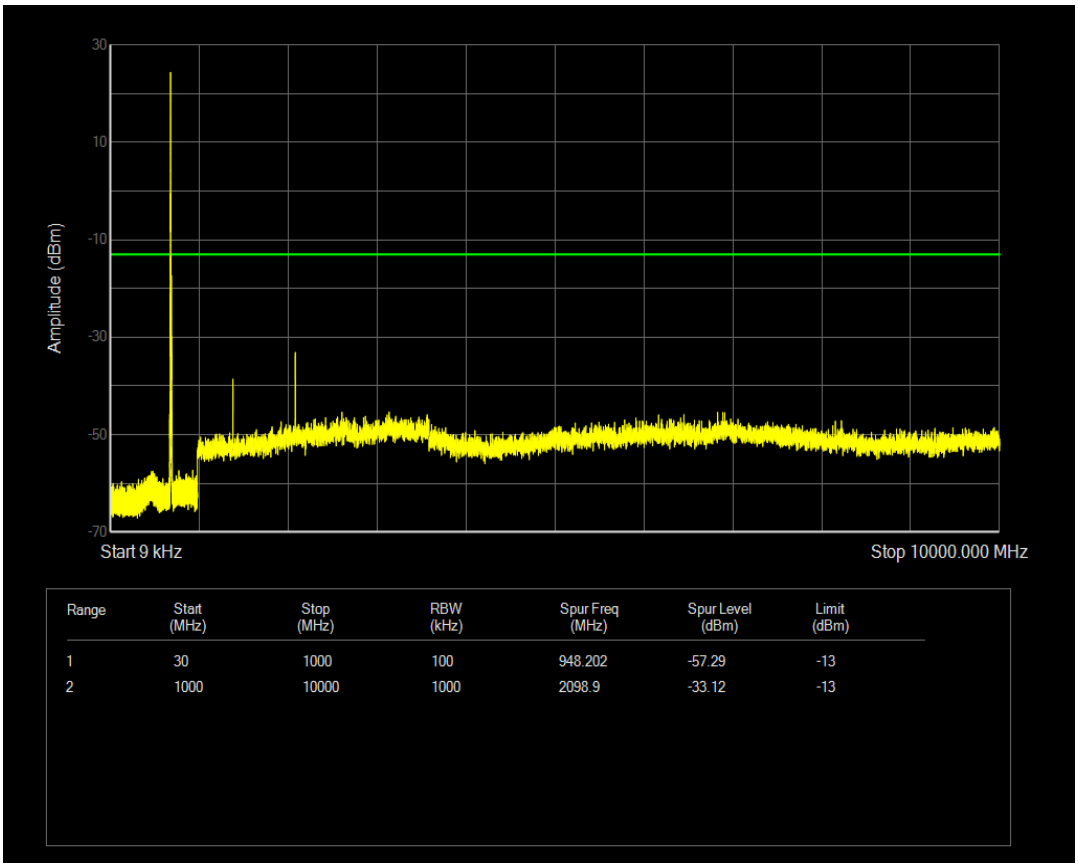
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	948.202	-56.35	-13
2	1000	10000	1000	2134	-37.56	-13

Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



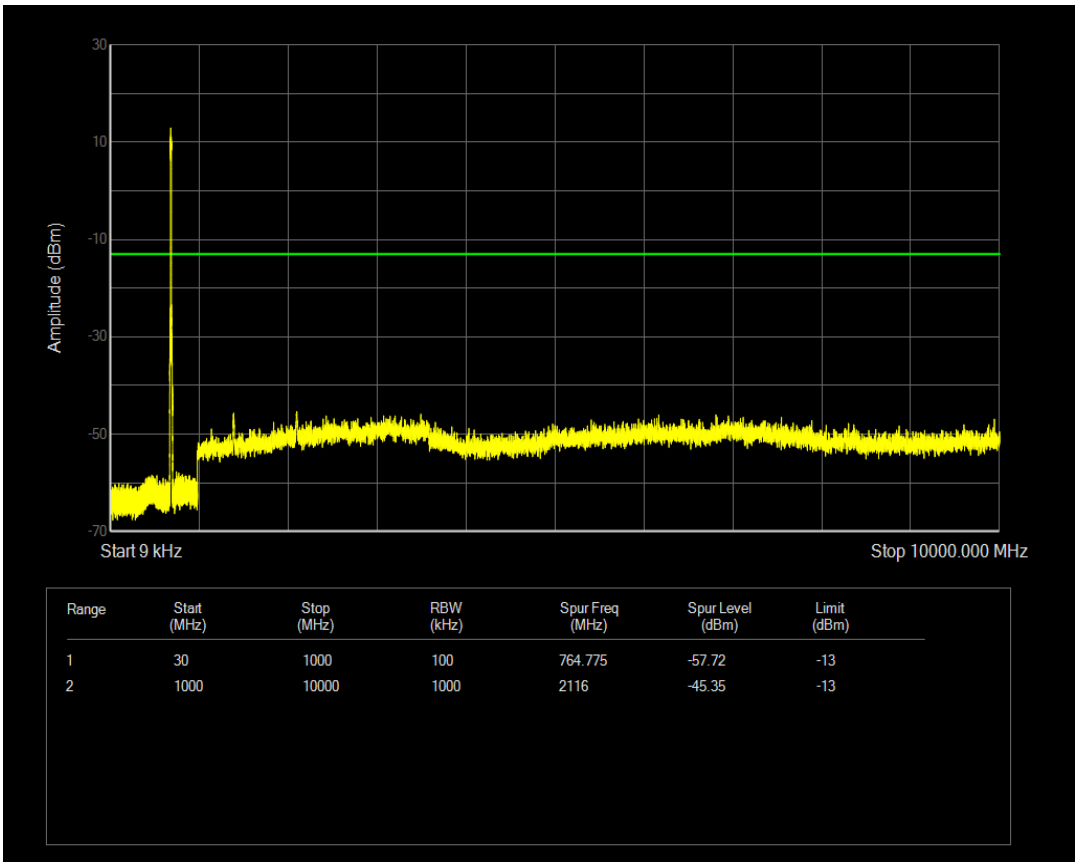
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	801.829	-57.46	-13
2	1000	10000	1000	2140.3	-40.11	-13

Band12 QPSK BW=10MHz Channel=23060 RB Size=1 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	948.202	-57.29	-13
2	1000	10000	1000	2098.9	-33.12	-13

Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	100	764.775	-57.72	-13
2	1000	10000	1000	2116	-45.35	-13

Band12 16QAM BW=10MHz Channel=23060 RB Size=1 Position=#0