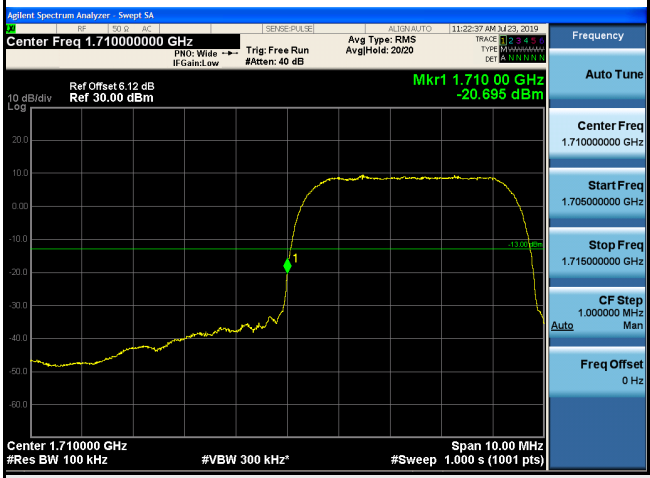
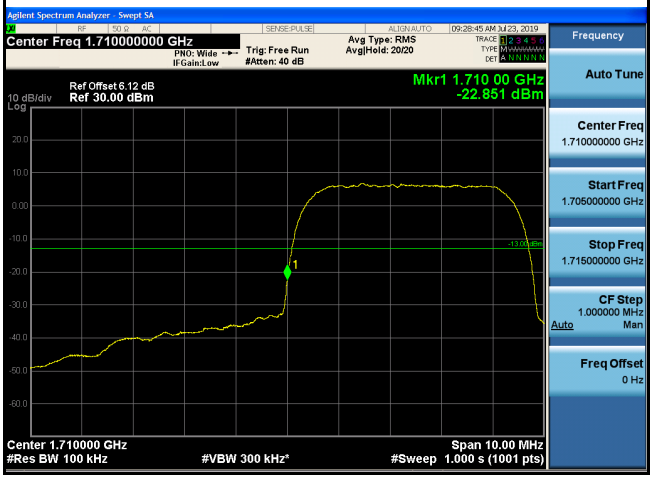
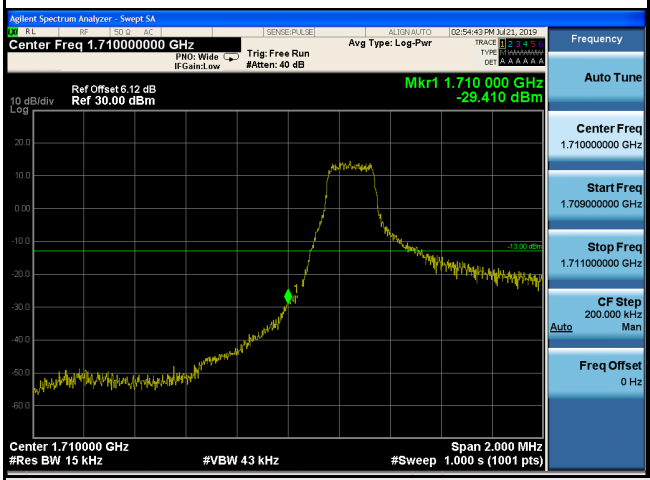
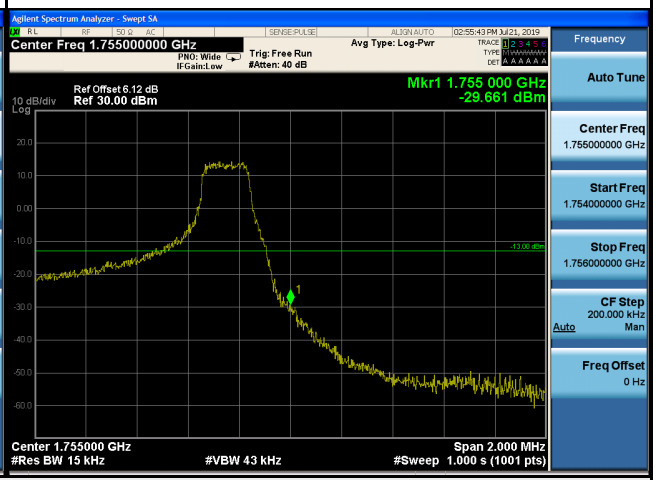
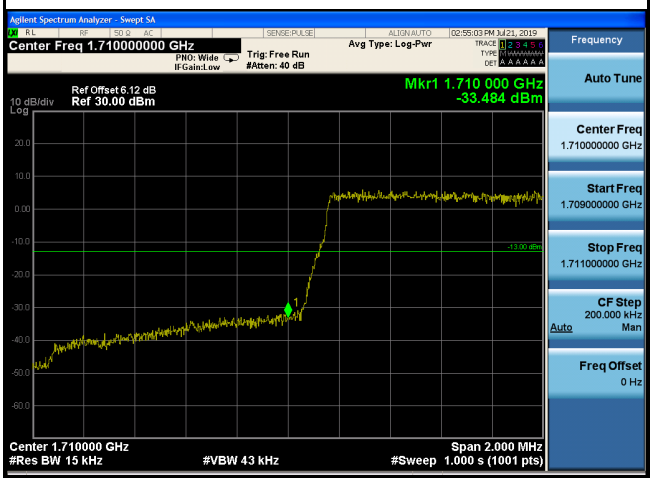
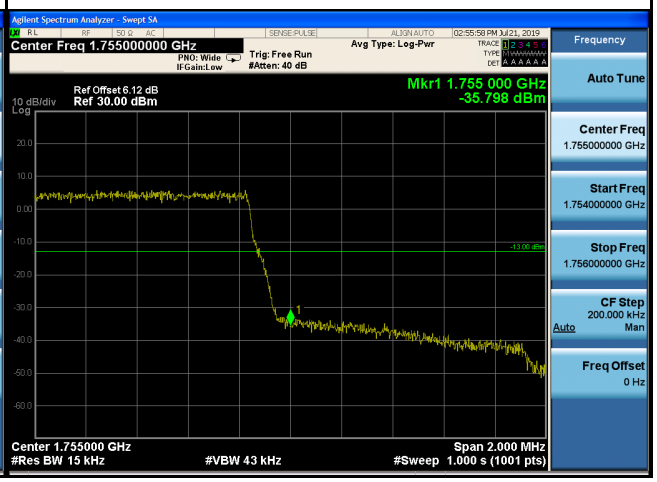
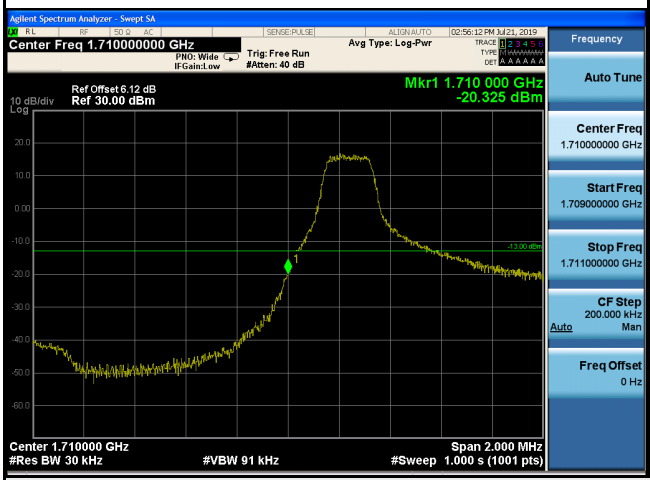
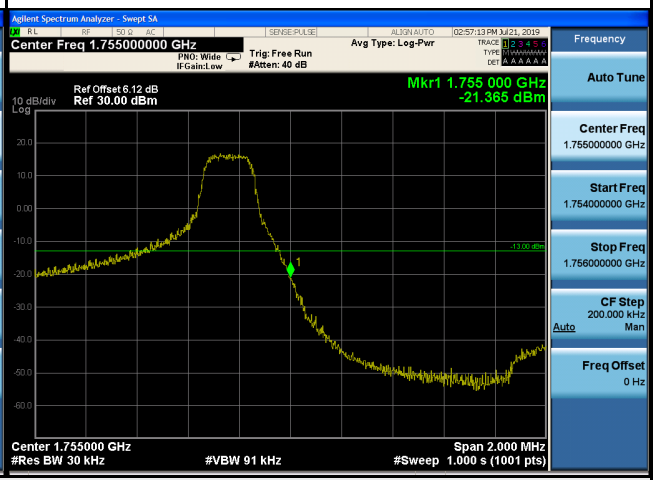
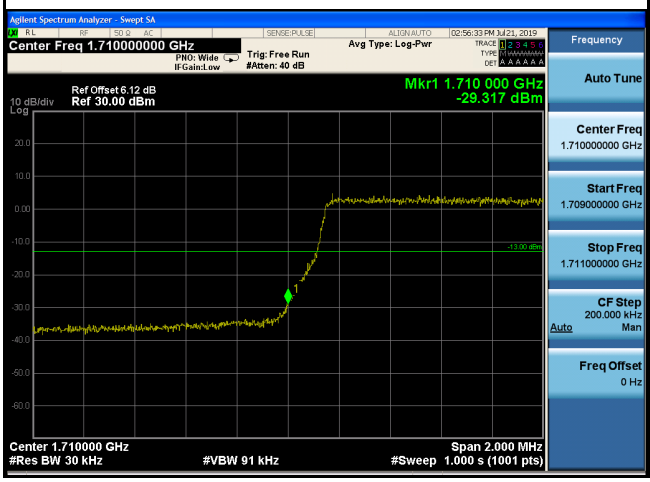
APPENDIX G - BAND EDGE

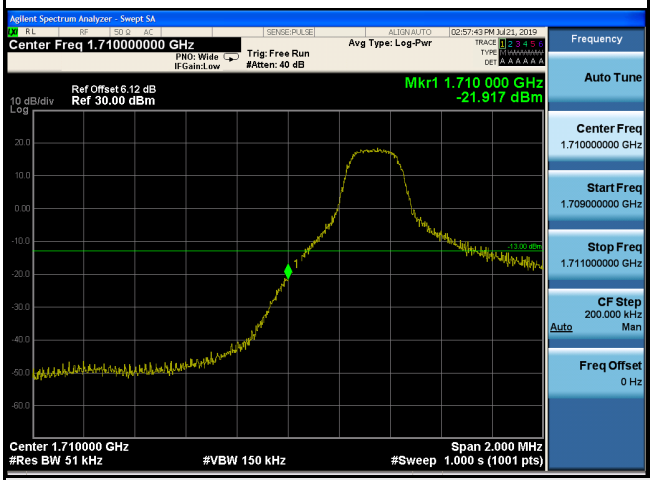
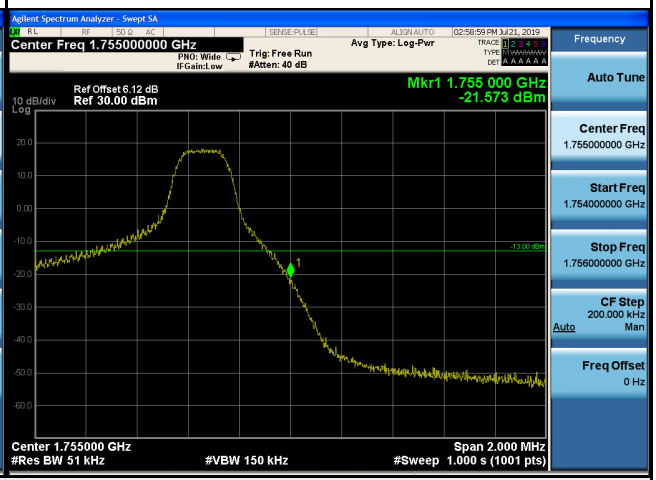
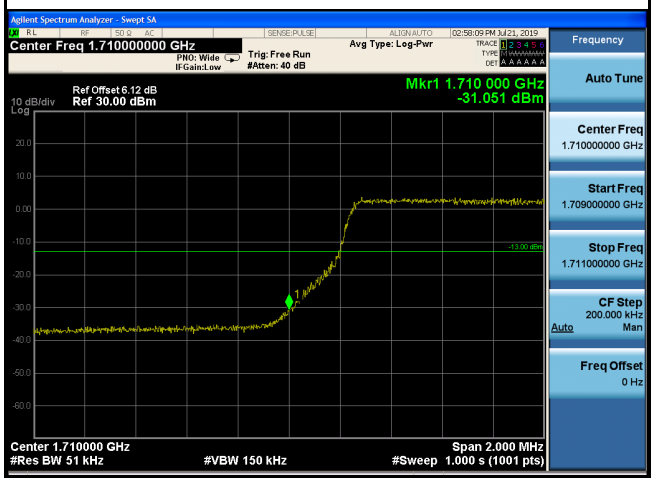
WCDMA Band IV _WCDMA			
Channel	1312	Channel	1513

WCDMA Band IV _HSDPA			
Channel	1312	Channel	1513
			

WCDMA Band IV _HSUPA			
Channel	1312	Channel	1513
			

LTE Band 4_1.4M			
1RB#0		1RB#5	
Channel	19957	Channel	20393
			
6RB#0			
Channel	19957	Channel	20393
			

LTE Band 4_3M			
1RB#0		1RB#14	
Channel	19965	Channel	20385
			
15RB#0			
Channel	19965	Channel	20385
			

LTE Band 4_5M			
1RB#0		1RB#24	
Channel	19975	Channel	20375
			
25RB#0			
Channel	19975	Channel	20375
			

LTE Band 4_10M			
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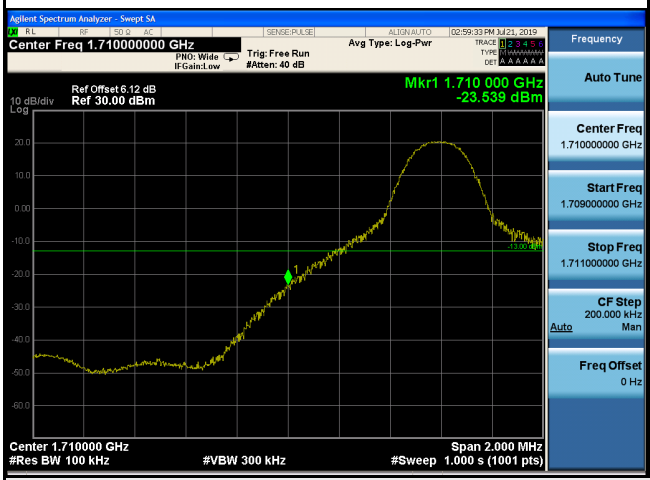
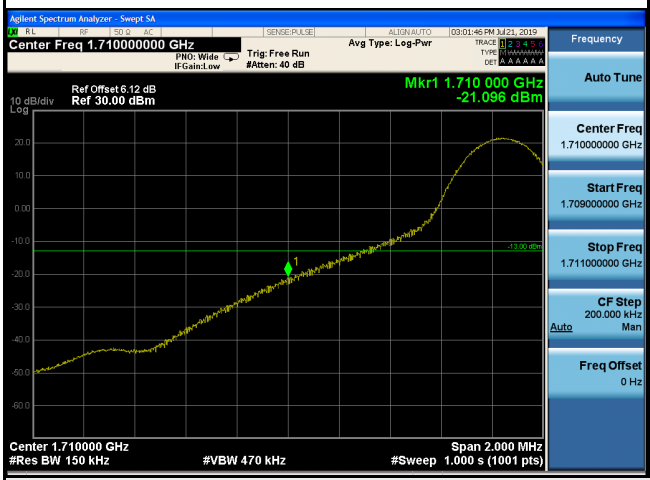
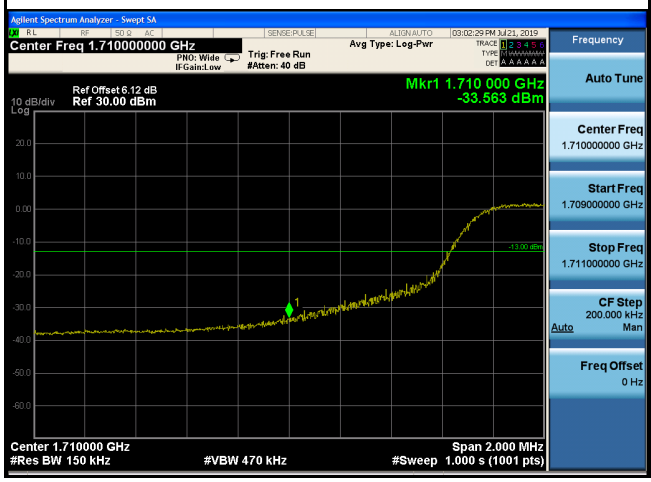
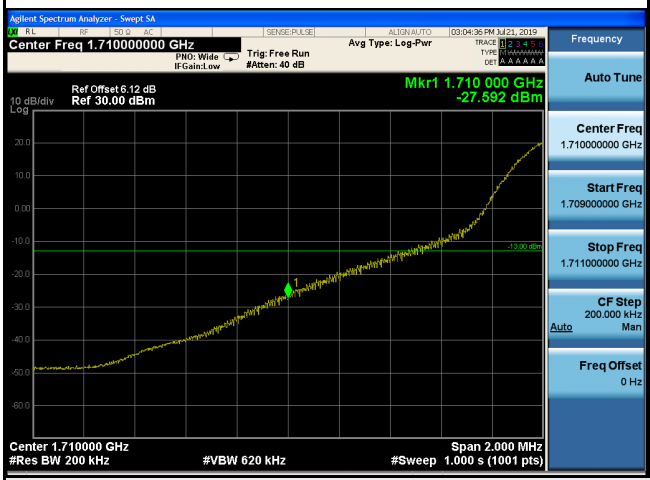
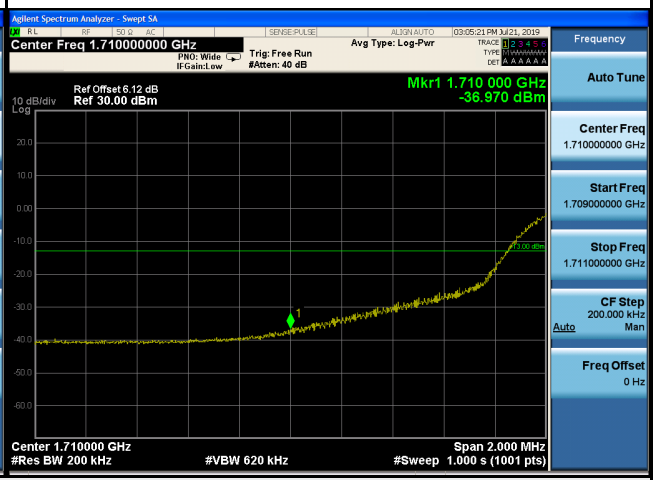
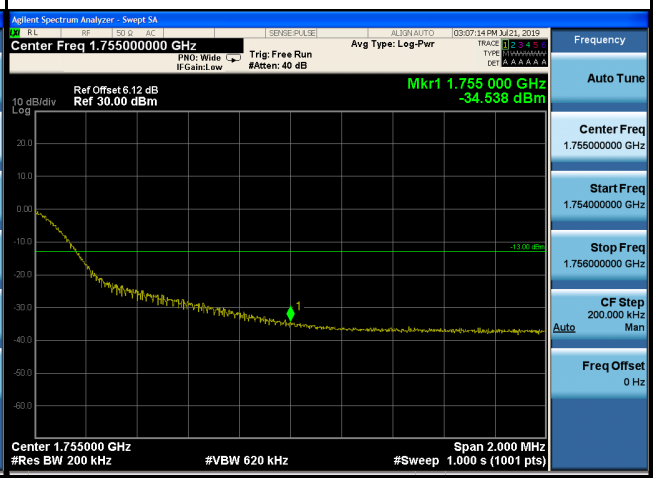
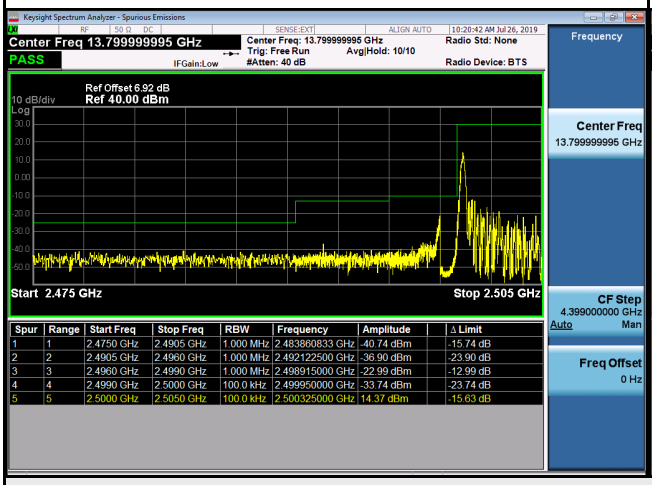
			
50RB#0			
Channel	20000	Channel	20350

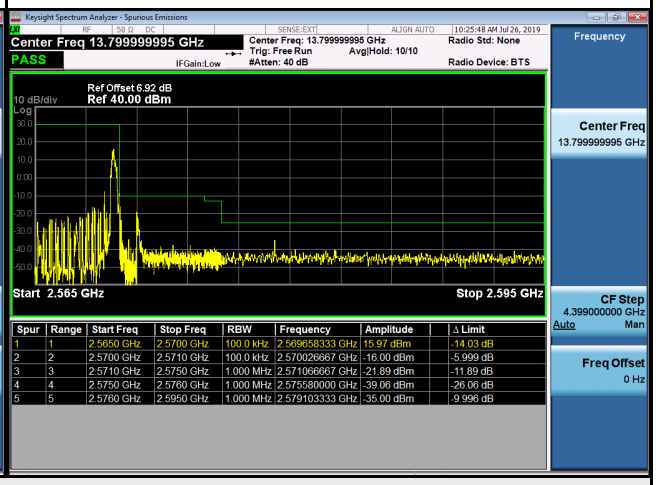
LTE Band 4_15M			
1RB#0		1RB#74	
Channel	20025	Channel	20325
			
75RB#0			
Channel	20025	Channel	20325
			

LTE Band 4_20M			
1RB#0		1RB#99	
Channel	20050	Channel	20300
			
100RB#0			
Channel	20050	Channel	20300
			

LTE Band 7_5M			
1RB#0		1RB#24	
Channel	20775	Channel	21425

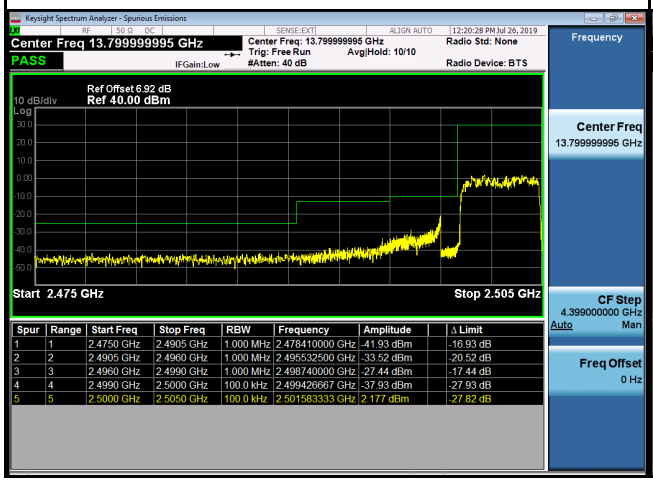


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.4750 GHz	2.4905 GHz	1.000 MHz	2.483860833 GHz	-40.74 dBm	-15.74 dB
2	2	2.4905 GHz	2.4960 GHz	1.000 MHz	2.492122500 GHz	-36.90 dBm	-23.90 dB
3	3	2.4960 GHz	2.4990 GHz	1.000 MHz	2.498915000 GHz	-22.99 dBm	-12.99 dB
4	4	2.4990 GHz	2.5000 GHz	100.0 kHz	2.499950000 GHz	-33.74 dBm	-23.74 dB
5	5	2.5000 GHz	2.5050 GHz	100.0 kHz	2.500325000 GHz	14.37 dBm	-15.63 dB

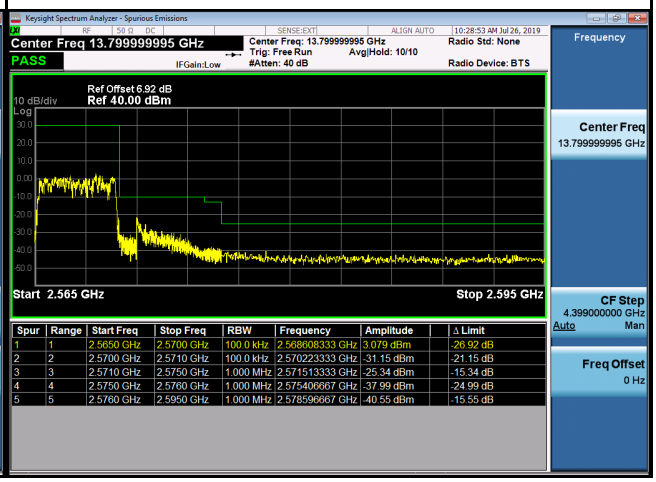


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.5650 GHz	2.5700 GHz	100.0 kHz	2.569658333 GHz	15.97 dBm	-14.03 dB
2	2	2.5700 GHz	2.5710 GHz	100.0 kHz	2.570026667 GHz	-16.00 dBm	-5.999 dB
3	3	2.5710 GHz	2.5750 GHz	1.000 MHz	2.571066667 GHz	-21.89 dBm	-11.89 dB
4	4	2.5750 GHz	2.5760 GHz	1.000 MHz	2.575580000 GHz	-39.06 dBm	-26.06 dB
5	5	2.5760 GHz	2.5950 GHz	1.000 MHz	2.579103333 GHz	-35.00 dBm	-9.996 dB

25RB#0			
Channel	20775	Channel	21425

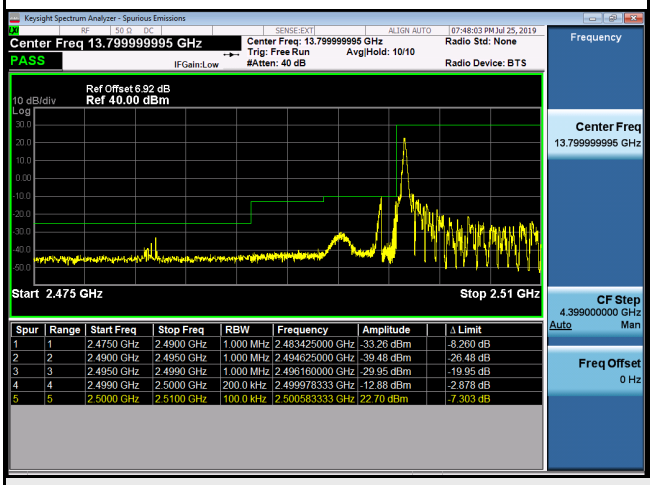


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.4750 GHz	2.4905 GHz	1.000 MHz	2.478410000 GHz	-41.93 dBm	-16.93 dB
2	2	2.4905 GHz	2.4960 GHz	1.000 MHz	2.495532500 GHz	-33.52 dBm	-20.52 dB
3	3	2.4960 GHz	2.4990 GHz	1.000 MHz	2.498740000 GHz	-27.44 dBm	-17.44 dB
4	4	2.4990 GHz	2.5000 GHz	100.0 kHz	2.499426667 GHz	-37.93 dBm	-27.93 dB
5	5	2.5000 GHz	2.5050 GHz	100.0 kHz	2.501583333 GHz	2.177 dBm	-27.82 dB

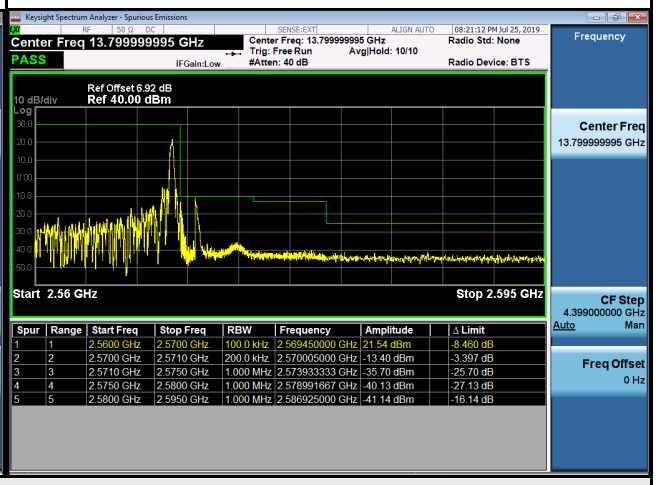


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.5650 GHz	2.5700 GHz	100.0 kHz	2.568608333 GHz	3.079 dBm	-26.92 dB
2	2	2.5700 GHz	2.5710 GHz	100.0 kHz	2.570223333 GHz	-31.15 dBm	-21.15 dB
3	3	2.5710 GHz	2.5750 GHz	1.000 MHz	2.571513333 GHz	-25.34 dBm	-15.34 dB
4	4	2.5750 GHz	2.5760 GHz	1.000 MHz	2.575406667 GHz	-37.99 dBm	-24.99 dB
5	5	2.5760 GHz	2.5950 GHz	1.000 MHz	2.578596667 GHz	-40.55 dBm	-15.55 dB

LTE Band 7_10M			
1RB#0		1RB#49	
Channel	20800	Channel	21400

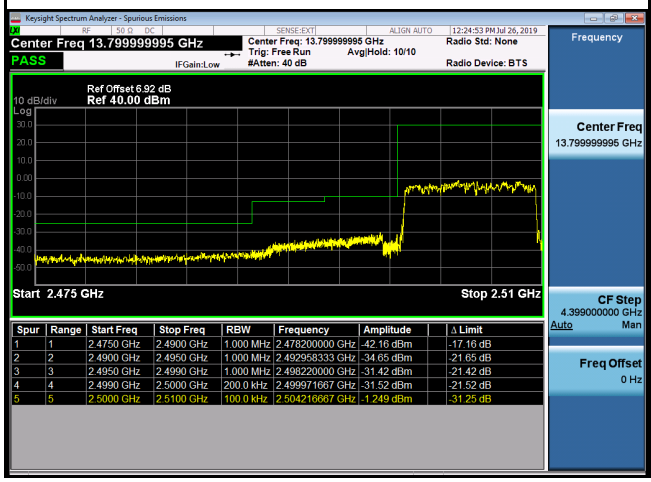


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.4750 GHz	2.4900 GHz	1.000 MHz	2.483425000 GHz	-33.26 dBm	-8.260 dB
2	2	2.4900 GHz	2.4950 GHz	1.000 MHz	2.494625000 GHz	-39.48 dBm	-26.48 dB
3	3	2.4950 GHz	2.4990 GHz	1.000 MHz	2.496160000 GHz	-29.95 dBm	-19.95 dB
4	4	2.4990 GHz	2.5000 GHz	200.0 kHz	2.499978333 GHz	-12.88 dBm	-2.878 dB
5	5	2.5000 GHz	2.5100 GHz	100.0 kHz	2.500583333 GHz	22.70 dBm	-7.303 dB

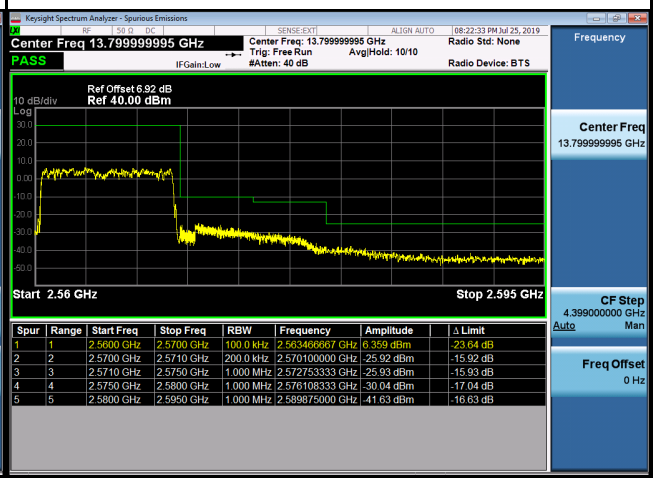


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.5600 GHz	2.5700 GHz	100.0 kHz	2.569450000 GHz	21.54 dBm	-8.460 dB
2	2	2.5700 GHz	2.5710 GHz	200.0 kHz	2.570005000 GHz	-13.40 dBm	-3.397 dB
3	3	2.5710 GHz	2.5750 GHz	1.000 MHz	2.573933333 GHz	-35.70 dBm	-25.70 dB
4	4	2.5750 GHz	2.5800 GHz	1.000 MHz	2.578991667 GHz	-40.13 dBm	-27.13 dB
5	5	2.5800 GHz	2.5950 GHz	1.000 MHz	2.586925000 GHz	-41.14 dBm	-16.14 dB

50RB#0			
Channel	20800	Channel	21400

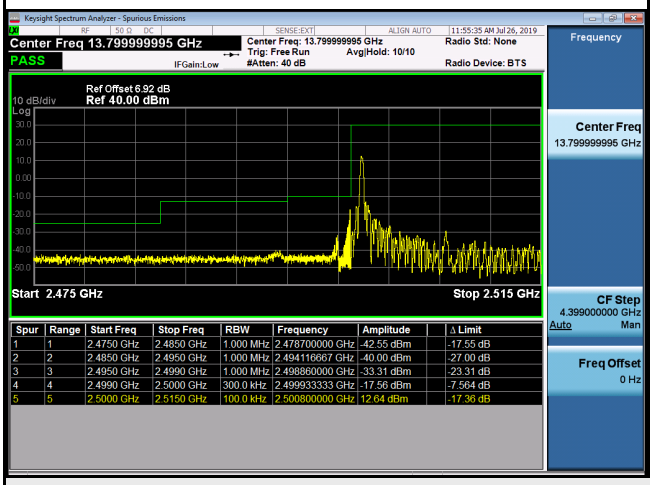


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.4750 GHz	2.4900 GHz	1.000 MHz	2.478200000 GHz	-42.16 dBm	-17.16 dB
2	2	2.4900 GHz	2.4950 GHz	1.000 MHz	2.492958333 GHz	-34.65 dBm	-21.65 dB
3	3	2.4950 GHz	2.4990 GHz	1.000 MHz	2.498220000 GHz	-31.42 dBm	-21.42 dB
4	4	2.4990 GHz	2.5000 GHz	200.0 kHz	2.499971667 GHz	-31.52 dBm	-21.52 dB
5	5	2.5000 GHz	2.5100 GHz	100.0 kHz	2.504216667 GHz	-1.249 dBm	-31.25 dB

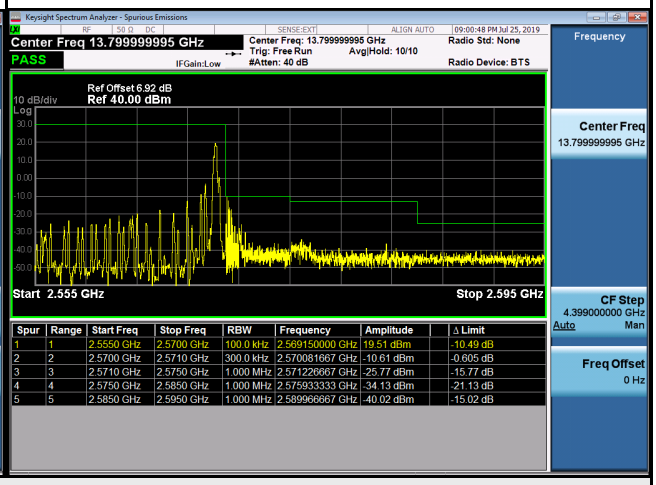


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.5600 GHz	2.5700 GHz	100.0 kHz	2.563466667 GHz	6.359 dBm	-23.64 dB
2	2	2.5700 GHz	2.5710 GHz	200.0 kHz	2.570100000 GHz	-25.92 dBm	-15.92 dB
3	3	2.5710 GHz	2.5750 GHz	1.000 MHz	2.572753333 GHz	-25.93 dBm	-15.93 dB
4	4	2.5750 GHz	2.5800 GHz	1.000 MHz	2.576108333 GHz	-30.04 dBm	-17.04 dB
5	5	2.5800 GHz	2.5950 GHz	1.000 MHz	2.589875000 GHz	-41.63 dBm	-16.63 dB

LTE Band 7_15M			
1RB#0		1RB#74	
Channel	20825	Channel	21375

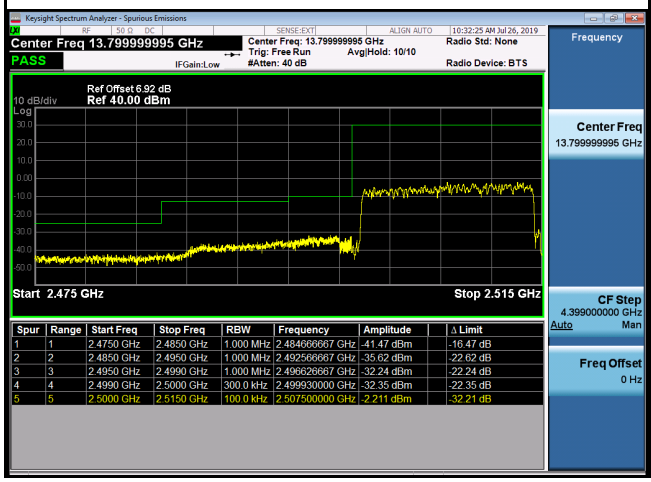


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.4750 GHz	2.4850 GHz	1.000 MHz	2.478700000 GHz	-42.55 dBm	-17.55 dB
2	2	2.4850 GHz	2.4950 GHz	1.000 MHz	2.494116667 GHz	-40.00 dBm	-27.00 dB
3	3	2.4950 GHz	2.4990 GHz	1.000 MHz	2.498860000 GHz	-33.31 dBm	-23.31 dB
4	4	2.4990 GHz	2.5000 GHz	300.0 kHz	2.499933333 GHz	-17.56 dBm	-7.564 dB
5	5	2.5000 GHz	2.5150 GHz	100.0 kHz	2.500800000 GHz	12.64 dBm	-17.36 dB

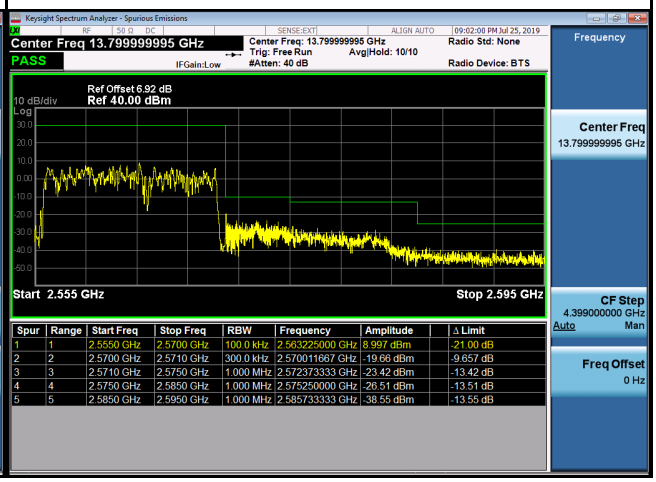


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.5550 GHz	2.5700 GHz	100.0 kHz	2.569150000 GHz	19.51 dBm	-10.49 dB
2	2	2.5700 GHz	2.5710 GHz	300.0 kHz	2.570081667 GHz	-10.61 dBm	-0.605 dB
3	3	2.5710 GHz	2.5750 GHz	1.000 MHz	2.571226667 GHz	-25.77 dBm	-15.77 dB
4	4	2.5750 GHz	2.5850 GHz	1.000 MHz	2.575933333 GHz	-34.13 dBm	-21.13 dB
5	5	2.5850 GHz	2.5950 GHz	1.000 MHz	2.589966667 GHz	-40.02 dBm	-15.02 dB

75RB#0			
Channel	20825	Channel	21375

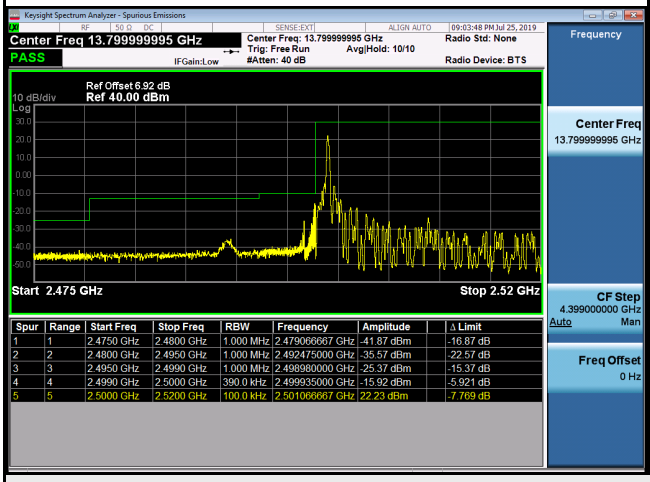


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.4750 GHz	2.4850 GHz	1.000 MHz	2.484666667 GHz	-41.47 dBm	-16.47 dB
2	2	2.4850 GHz	2.4950 GHz	1.000 MHz	2.492566667 GHz	-35.62 dBm	-22.62 dB
3	3	2.4950 GHz	2.4990 GHz	1.000 MHz	2.496626667 GHz	-32.24 dBm	-22.24 dB
4	4	2.4990 GHz	2.5000 GHz	300.0 kHz	2.499930000 GHz	-32.35 dBm	-22.35 dB
5	5	2.5000 GHz	2.5150 GHz	100.0 kHz	2.507500000 GHz	-2.211 dBm	-32.21 dB

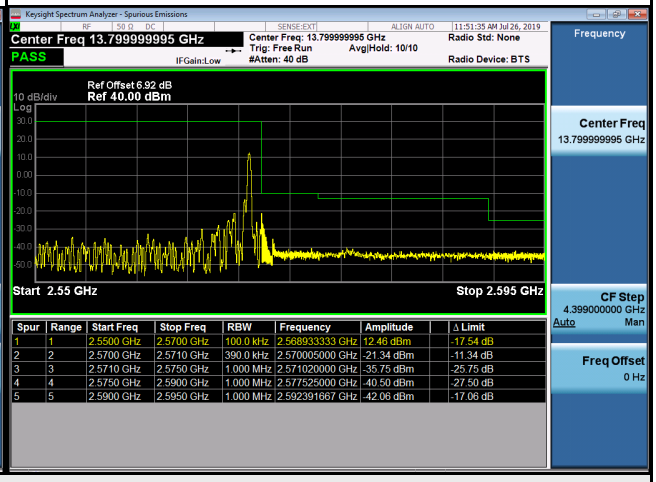


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.5550 GHz	2.5700 GHz	100.0 kHz	2.563225000 GHz	8.997 dBm	-21.00 dB
2	2	2.5700 GHz	2.5710 GHz	300.0 kHz	2.570011667 GHz	-19.66 dBm	-9.657 dB
3	3	2.5710 GHz	2.5750 GHz	1.000 MHz	2.572373333 GHz	-23.42 dBm	-13.42 dB
4	4	2.5750 GHz	2.5850 GHz	1.000 MHz	2.575250000 GHz	-26.51 dBm	-13.51 dB
5	5	2.5850 GHz	2.5950 GHz	1.000 MHz	2.585733333 GHz	-38.55 dBm	-13.55 dB

LTE Band 7_20M			
1RB#0		1RB#99	
Channel	20850	Channel	21350

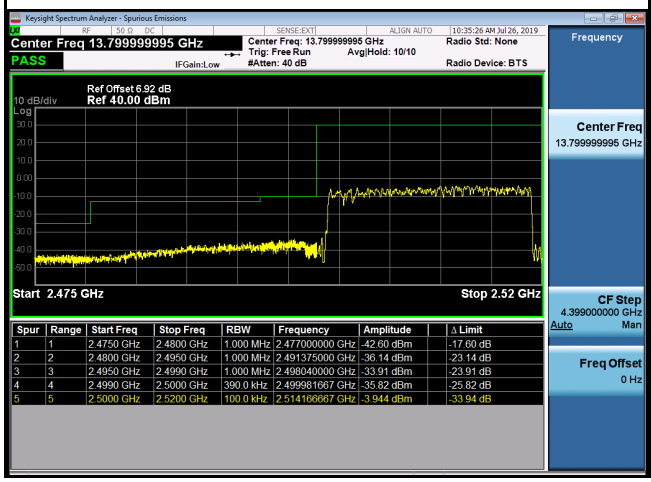


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.4750 GHz	2.4800 GHz	1.000 MHz	2.479066667 GHz	-41.87 dBm	-16.87 dB
2	2	2.4800 GHz	2.4950 GHz	1.000 MHz	2.492475000 GHz	-35.57 dBm	-22.57 dB
3	3	2.4950 GHz	2.4990 GHz	1.000 MHz	2.498980000 GHz	-25.37 dBm	-15.37 dB
4	4	2.4990 GHz	2.5000 GHz	390.0 kHz	2.499935000 GHz	-15.92 dBm	-5.921 dB
5	5	2.5000 GHz	2.5200 GHz	100.0 kHz	2.501066667 GHz	22.23 dBm	-7.769 dB

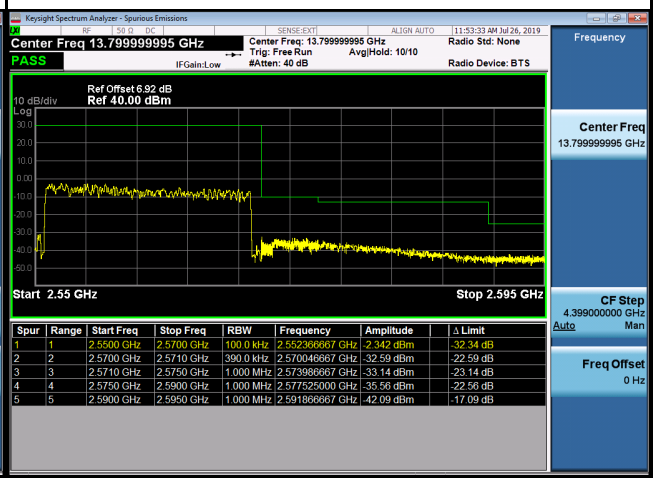


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.5500 GHz	2.5700 GHz	100.0 kHz	2.568933333 GHz	12.46 dBm	-17.54 dB
2	2	2.5700 GHz	2.5710 GHz	390.0 kHz	2.570005000 GHz	-21.34 dBm	-11.34 dB
3	3	2.5710 GHz	2.5750 GHz	1.000 MHz	2.571020000 GHz	-35.75 dBm	-25.75 dB
4	4	2.5750 GHz	2.5900 GHz	1.000 MHz	2.577525000 GHz	-40.50 dBm	-27.50 dB
5	5	2.5900 GHz	2.5950 GHz	1.000 MHz	2.592391667 GHz	-42.06 dBm	-17.06 dB

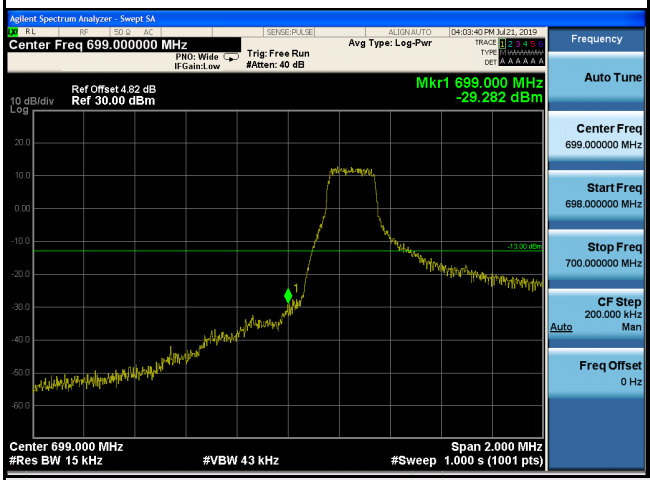
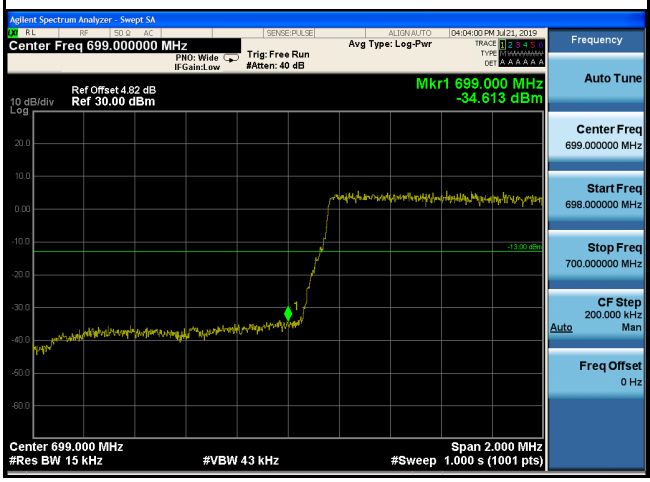
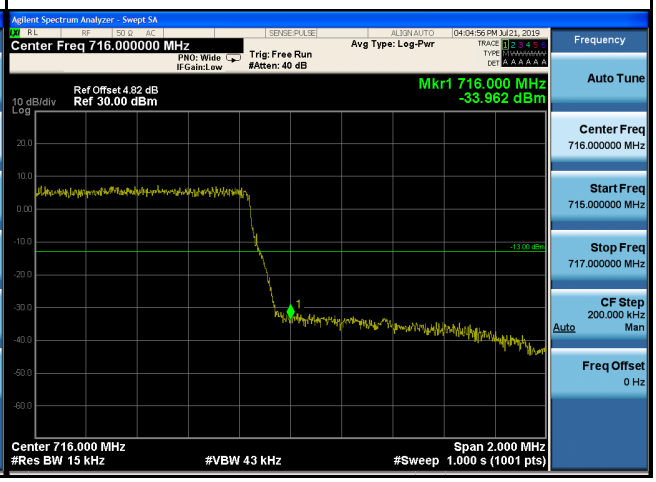
100RB#0			
Channel	20850	Channel	21350

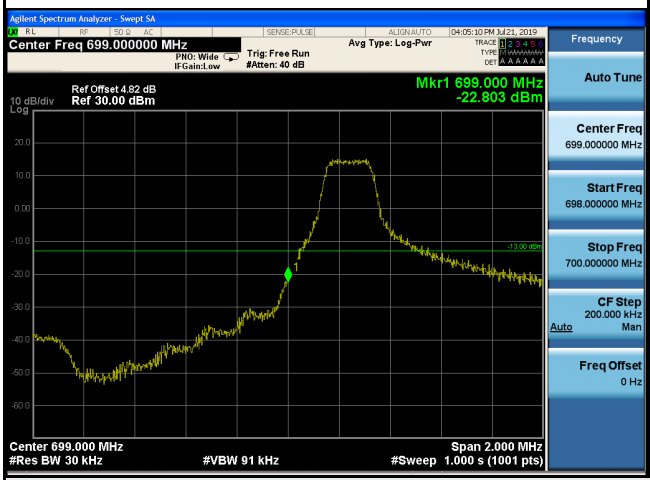
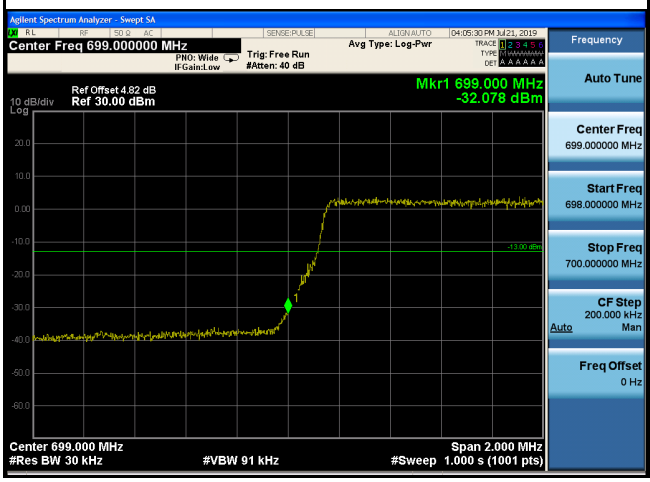
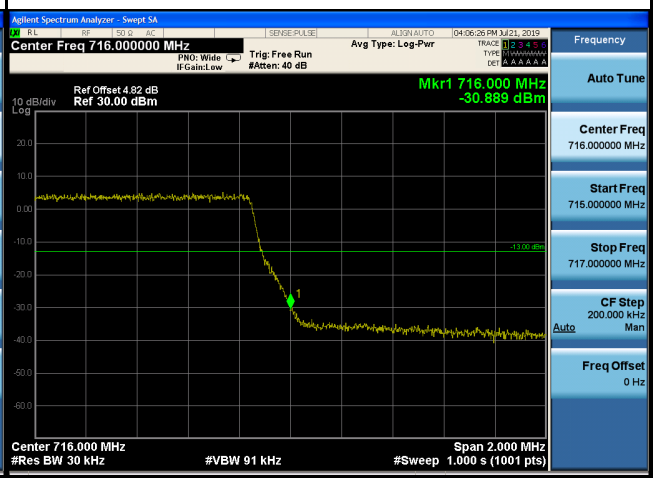


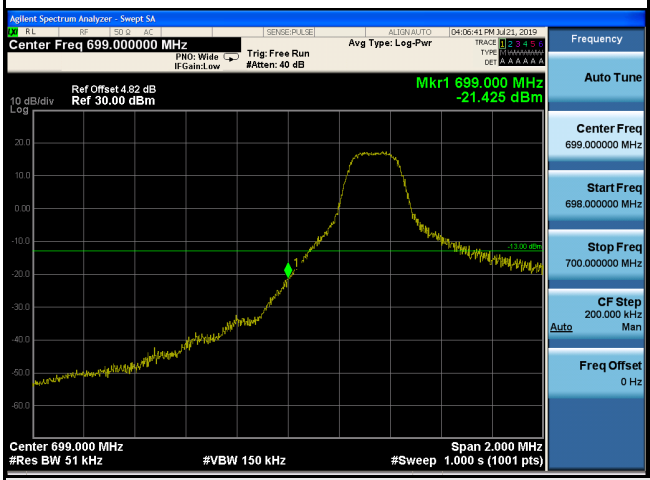
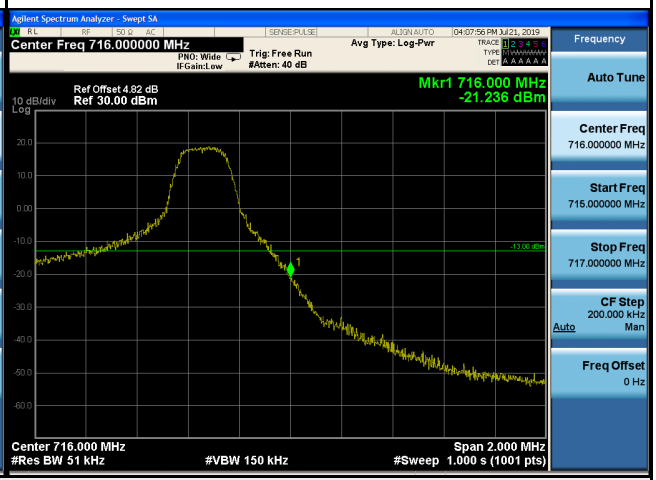
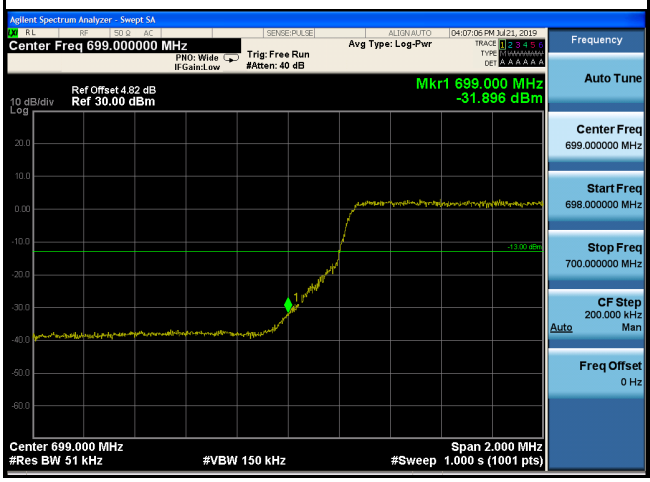
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.4750 GHz	2.4800 GHz	1.000 MHz	2.477000000 GHz	-42.60 dBm	-17.60 dB
2	2	2.4800 GHz	2.4950 GHz	1.000 MHz	2.491375000 GHz	-36.14 dBm	-23.14 dB
3	3	2.4950 GHz	2.4990 GHz	1.000 MHz	2.498040000 GHz	-33.91 dBm	-23.91 dB
4	4	2.4990 GHz	2.5000 GHz	390.0 kHz	2.499981667 GHz	-35.82 dBm	-25.82 dB
5	5	2.5000 GHz	2.5200 GHz	100.0 kHz	2.514166667 GHz	-3.944 dBm	-33.94 dB

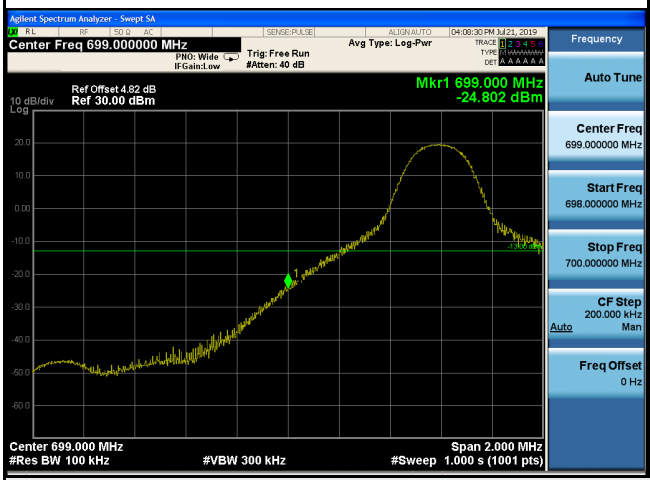
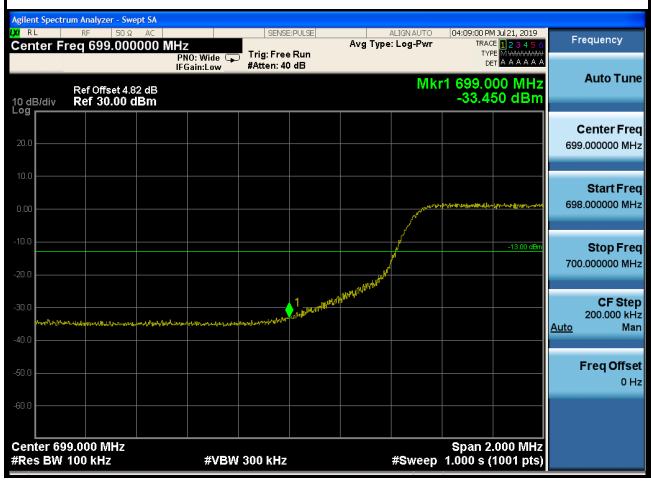


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.5500 GHz	2.5700 GHz	100.0 kHz	2.552366667 GHz	-2.342 dBm	-32.34 dB
2	2	2.5700 GHz	2.5710 GHz	390.0 kHz	2.570046667 GHz	-32.59 dBm	-22.59 dB
3	3	2.5710 GHz	2.5750 GHz	1.000 MHz	2.573986667 GHz	-33.14 dBm	-23.14 dB
4	4	2.5750 GHz	2.5900 GHz	1.000 MHz	2.577525000 GHz	-35.56 dBm	-22.56 dB
5	5	2.5900 GHz	2.5950 GHz	1.000 MHz	2.591866667 GHz	-42.09 dBm	-17.09 dB

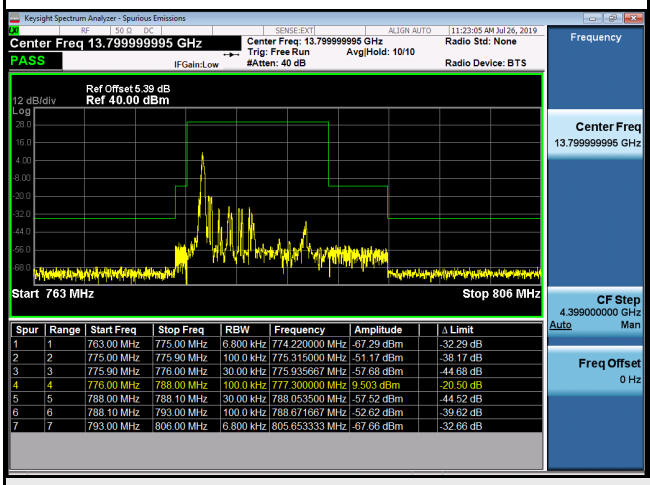
LTE Band 12_1.4M			
1RB#0		1RB#5	
Channel	23017	Channel	23173
			
6RB#0			
Channel	23017	Channel	13173
			

LTE Band 12_3M			
1RB#0		1RB#14	
Channel	23025	Channel	23165
			
15RB#0			
Channel	23025	Channel	23165
			

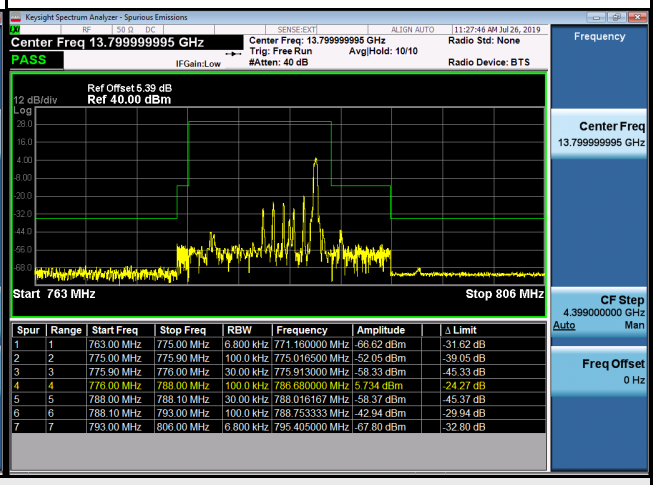
LTE Band 12_5M			
1RB#0		1RB#24	
Channel	23035	Channel	23155
			
25RB#0			
Channel	23035	Channel	23155
			

LTE Band 12_10M			
1RB#0		1RB#49	
Channel	23060	Channel	20350
			
50RB#0			
Channel	23060	Channel	20350
			

LTE Band 13_5M			
1RB#0		1RB#24	
Channel	23205	Channel	23255

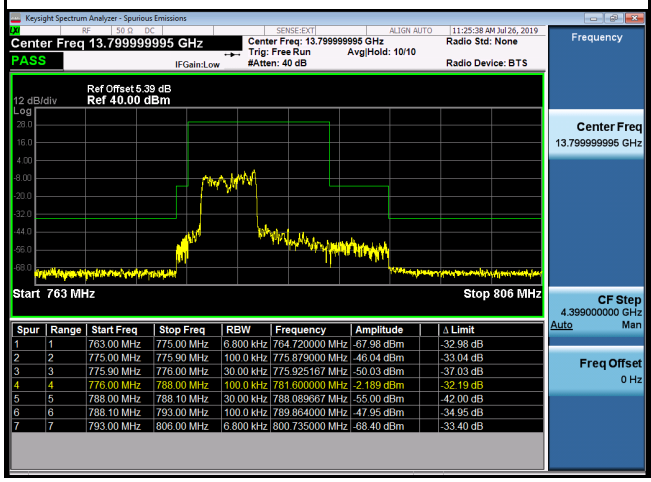


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	763.00 MHz	775.00 MHz	6.800 kHz	774.220000 MHz	-67.29 dBm	-32.29 dB
2	2	775.00 MHz	775.90 MHz	100.0 kHz	775.315000 MHz	-51.17 dBm	-38.17 dB
3	3	775.90 MHz	776.00 MHz	30.00 kHz	775.935667 MHz	-57.68 dBm	-44.68 dB
4	4	776.00 MHz	788.00 MHz	100.0 kHz	777.300000 MHz	9.503 dBm	-20.50 dB
5	5	788.00 MHz	788.10 MHz	30.00 kHz	788.053500 MHz	-57.52 dBm	-44.52 dB
6	6	788.10 MHz	793.00 MHz	100.0 kHz	788.671667 MHz	-52.62 dBm	-39.62 dB
7	7	793.00 MHz	806.00 MHz	6.800 kHz	805.653333 MHz	-67.66 dBm	-32.66 dB

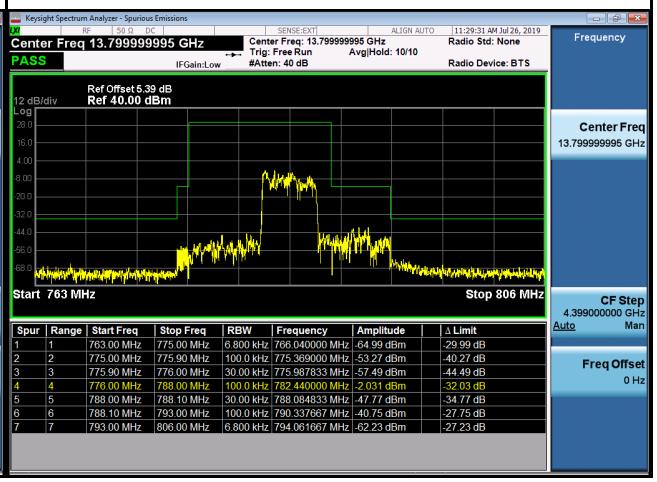


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	763.00 MHz	775.00 MHz	6.800 kHz	771.160000 MHz	-66.62 dBm	-31.62 dB
2	2	775.00 MHz	775.90 MHz	100.0 kHz	775.016500 MHz	-52.05 dBm	-39.05 dB
3	3	775.90 MHz	776.00 MHz	30.00 kHz	775.913000 MHz	-58.33 dBm	-45.33 dB
4	4	776.00 MHz	788.00 MHz	100.0 kHz	786.680000 MHz	5.734 dBm	-24.27 dB
5	5	788.00 MHz	788.10 MHz	30.00 kHz	788.016167 MHz	-58.37 dBm	-45.37 dB
6	6	788.10 MHz	793.00 MHz	100.0 kHz	788.753333 MHz	-42.94 dBm	-29.94 dB
7	7	793.00 MHz	806.00 MHz	6.800 kHz	795.405000 MHz	-67.80 dBm	-32.80 dB

25RB#0			
Channel	23205	Channel	23255

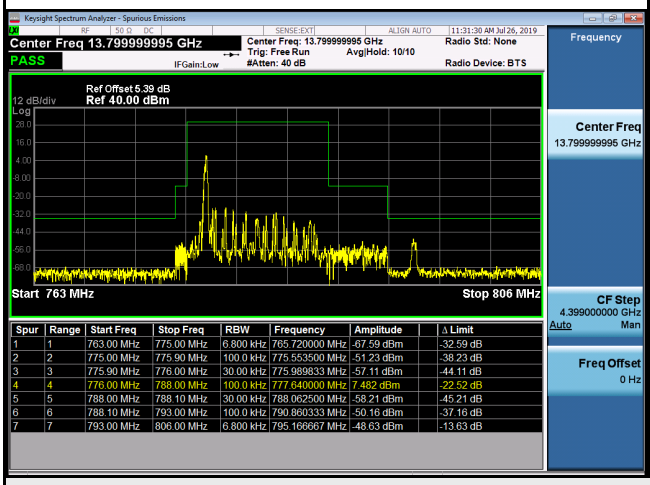


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	763.00 MHz	775.00 MHz	6.800 kHz	764.720000 MHz	-67.98 dBm	-32.98 dB
2	2	775.00 MHz	775.90 MHz	100.0 kHz	775.879000 MHz	-46.04 dBm	-33.04 dB
3	3	775.90 MHz	776.00 MHz	30.00 kHz	775.925167 MHz	-50.03 dBm	-37.03 dB
4	4	776.00 MHz	788.00 MHz	100.0 kHz	781.600000 MHz	-2.189 dBm	-32.19 dB
5	5	788.00 MHz	788.10 MHz	30.00 kHz	788.089667 MHz	-55.00 dBm	-42.00 dB
6	6	788.10 MHz	793.00 MHz	100.0 kHz	789.864000 MHz	-47.95 dBm	-34.95 dB
7	7	793.00 MHz	806.00 MHz	6.800 kHz	800.735000 MHz	-68.40 dBm	-33.40 dB

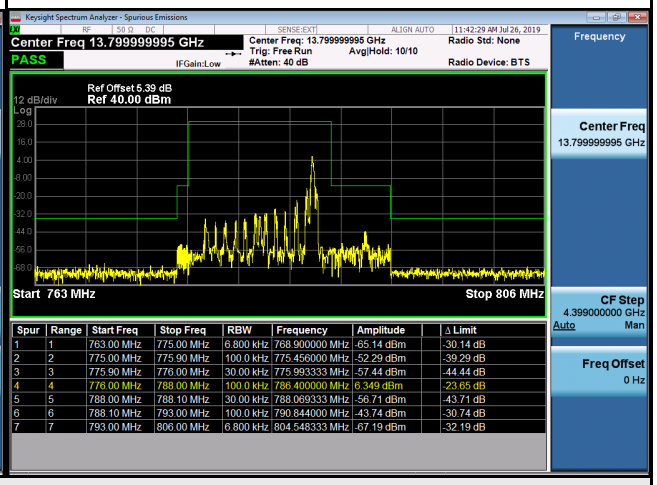


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	763.00 MHz	775.00 MHz	6.800 kHz	766.040000 MHz	-64.99 dBm	-29.99 dB
2	2	775.00 MHz	775.90 MHz	100.0 kHz	775.369000 MHz	-53.27 dBm	-40.27 dB
3	3	775.90 MHz	776.00 MHz	30.00 kHz	775.987833 MHz	-57.49 dBm	-44.49 dB
4	4	776.00 MHz	788.00 MHz	100.0 kHz	782.440000 MHz	-2.031 dBm	-32.03 dB
5	5	788.00 MHz	788.10 MHz	30.00 kHz	788.084833 MHz	-47.77 dBm	-34.77 dB
6	6	788.10 MHz	793.00 MHz	100.0 kHz	790.337667 MHz	-40.75 dBm	-27.75 dB
7	7	793.00 MHz	806.00 MHz	6.800 kHz	794.061667 MHz	-62.23 dBm	-27.23 dB

LTE Band 13_10M			
1RB#0		1RB#49	
Channel	23230	Channel	23230

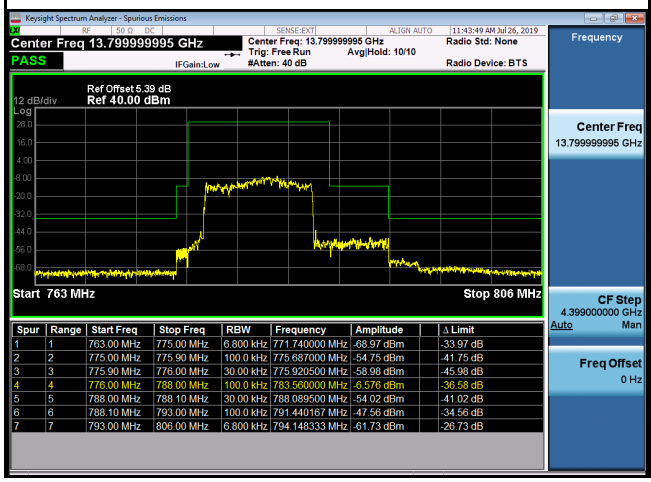


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	763.00 MHz	775.00 MHz	6.800 kHz	765.720000 MHz	-67.59 dBm	-32.59 dB
2	2	775.00 MHz	775.90 MHz	100.0 kHz	775.553500 MHz	-51.23 dBm	-38.23 dB
3	3	775.90 MHz	776.00 MHz	30.00 kHz	775.989833 MHz	-57.11 dBm	-44.11 dB
4	4	776.00 MHz	788.00 MHz	100.0 kHz	777.640000 MHz	7.482 dBm	-22.52 dB
5	5	788.00 MHz	788.10 MHz	30.00 kHz	788.062500 MHz	-58.21 dBm	-45.21 dB
6	6	788.10 MHz	793.00 MHz	100.0 kHz	790.860333 MHz	-50.16 dBm	-37.16 dB
7	7	793.00 MHz	806.00 MHz	6.800 kHz	795.166667 MHz	-48.63 dBm	-13.63 dB



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	763.00 MHz	775.00 MHz	6.800 kHz	768.900000 MHz	-65.14 dBm	-30.14 dB
2	2	775.00 MHz	775.90 MHz	100.0 kHz	775.456000 MHz	-52.29 dBm	-39.29 dB
3	3	775.90 MHz	776.00 MHz	30.00 kHz	775.993333 MHz	-57.44 dBm	-44.44 dB
4	4	776.00 MHz	788.00 MHz	100.0 kHz	786.400000 MHz	6.349 dBm	-23.65 dB
5	5	788.00 MHz	788.10 MHz	30.00 kHz	788.069333 MHz	-56.71 dBm	-43.71 dB
6	6	788.10 MHz	793.00 MHz	100.0 kHz	790.844000 MHz	-43.74 dBm	-30.74 dB
7	7	793.00 MHz	806.00 MHz	6.800 kHz	804.548333 MHz	-67.19 dBm	-32.19 dB

50RB#0		
Channel	23230	-



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	763.00 MHz	775.00 MHz	6.800 kHz	771.740000 MHz	-68.97 dBm	-33.97 dB
2	2	775.00 MHz	775.90 MHz	100.0 kHz	775.687000 MHz	-54.75 dBm	-41.75 dB
3	3	775.90 MHz	776.00 MHz	30.00 kHz	775.920500 MHz	-58.98 dBm	-45.98 dB
4	4	776.00 MHz	788.00 MHz	100.0 kHz	783.560000 MHz	-6.576 dBm	-36.58 dB
5	5	788.00 MHz	788.10 MHz	30.00 kHz	788.089500 MHz	-54.02 dBm	-41.02 dB
6	6	788.10 MHz	793.00 MHz	100.0 kHz	791.440167 MHz	-47.56 dBm	-34.56 dB
7	7	793.00 MHz	806.00 MHz	6.800 kHz	794.148333 MHz	-61.73 dBm	-26.73 dB

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