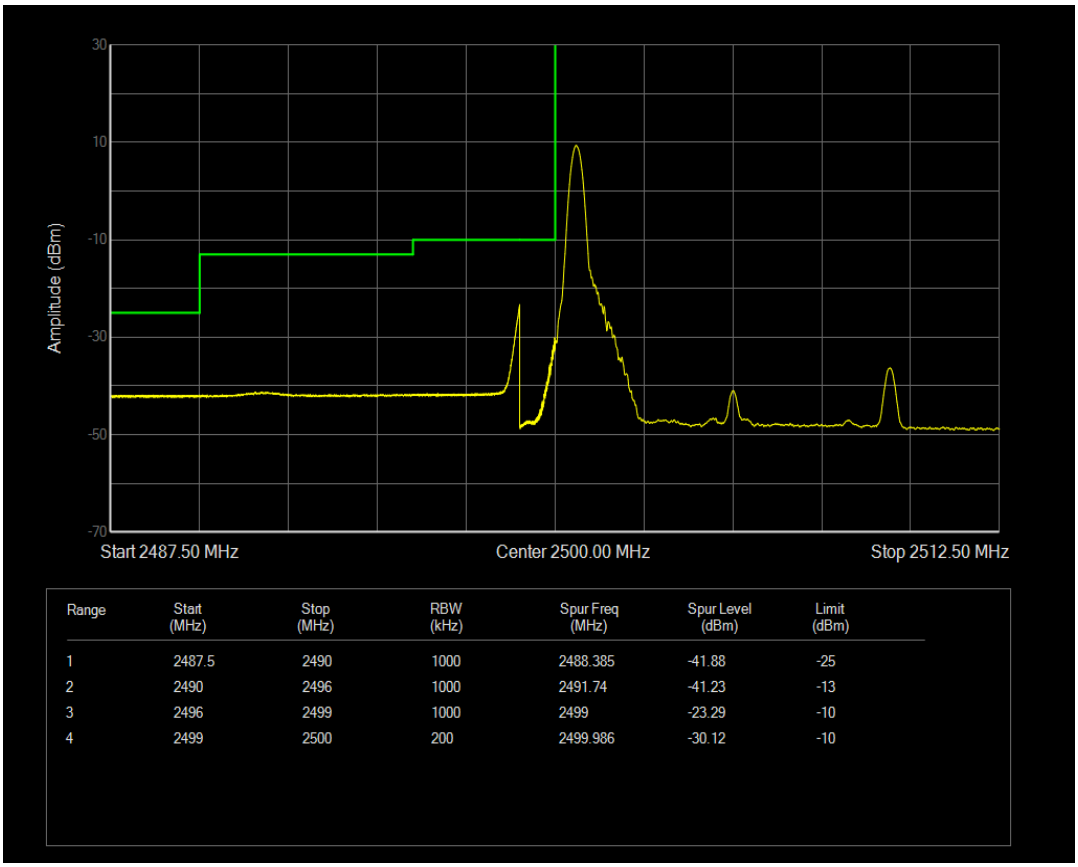
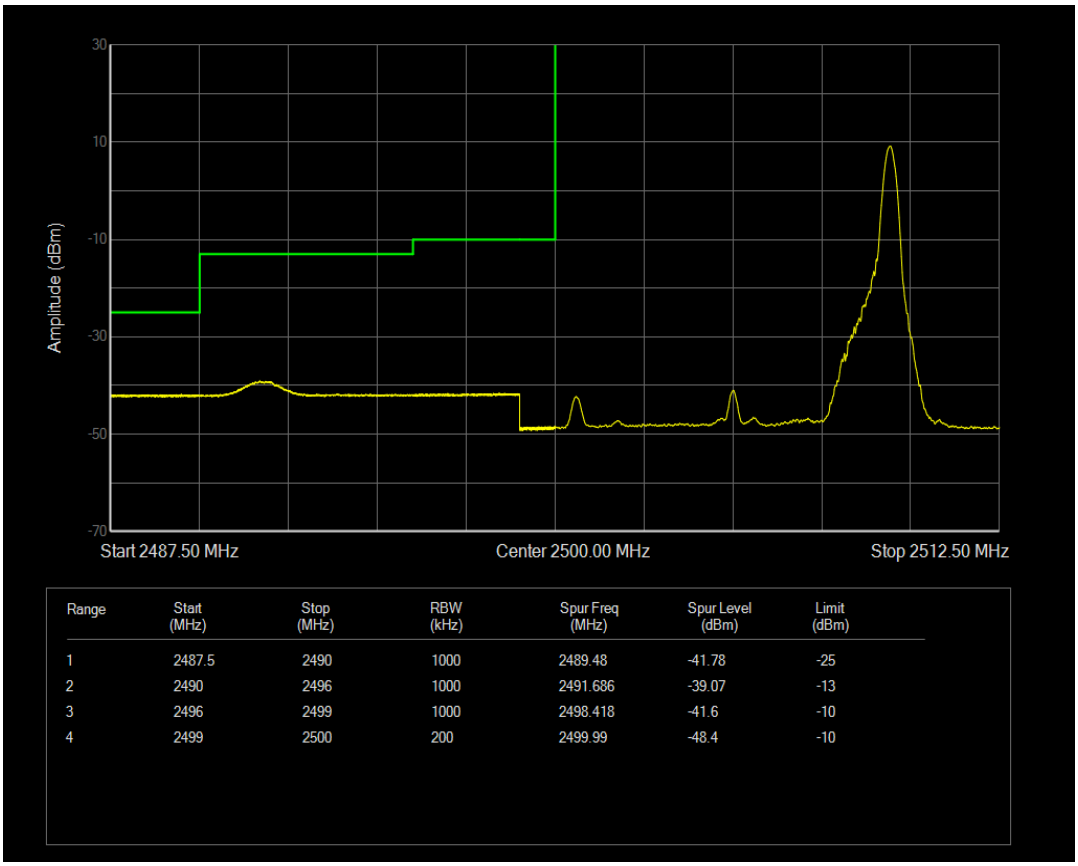


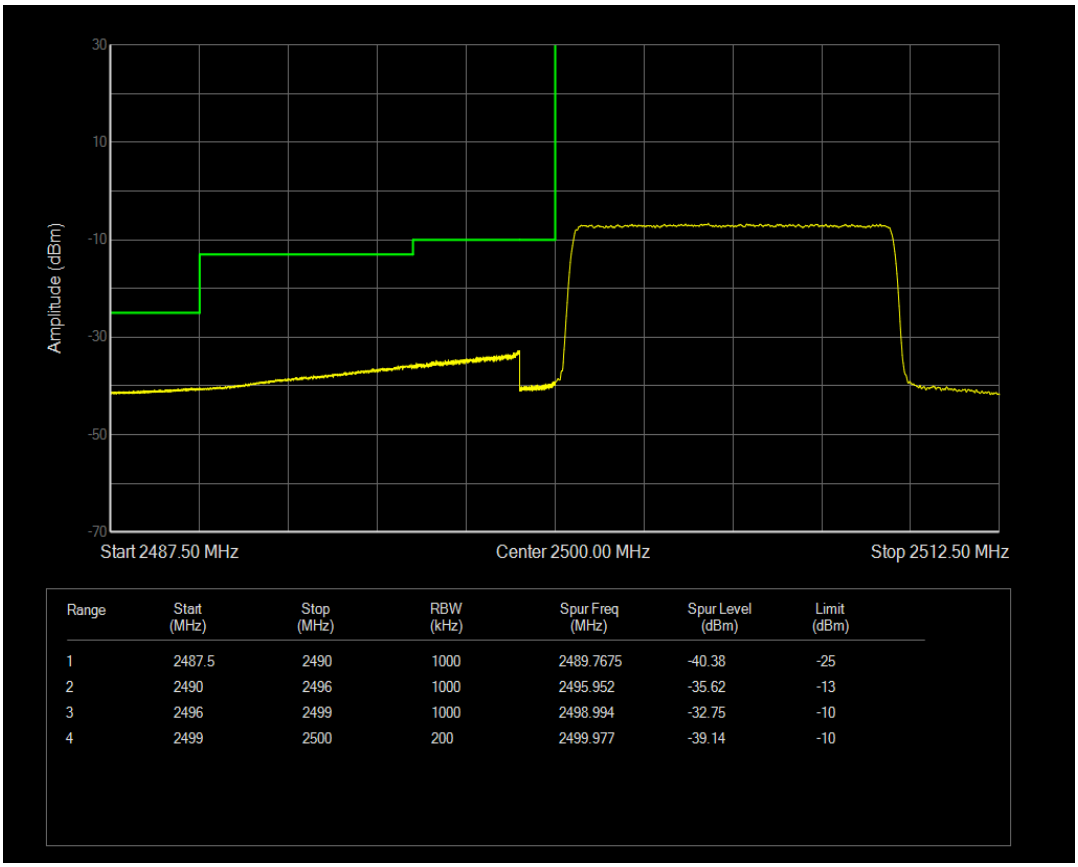
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2487.5	2490	1000	2488.385	-41.88	-25
2	2490	2496	1000	2491.74	-41.23	-13
3	2496	2499	1000	2499	-23.29	-10
4	2499	2500	200	2499.986	-30.12	-10

LTE Band7 QAM16 BW=10MHz Channel=20800 RB Size=1 Position=#Max



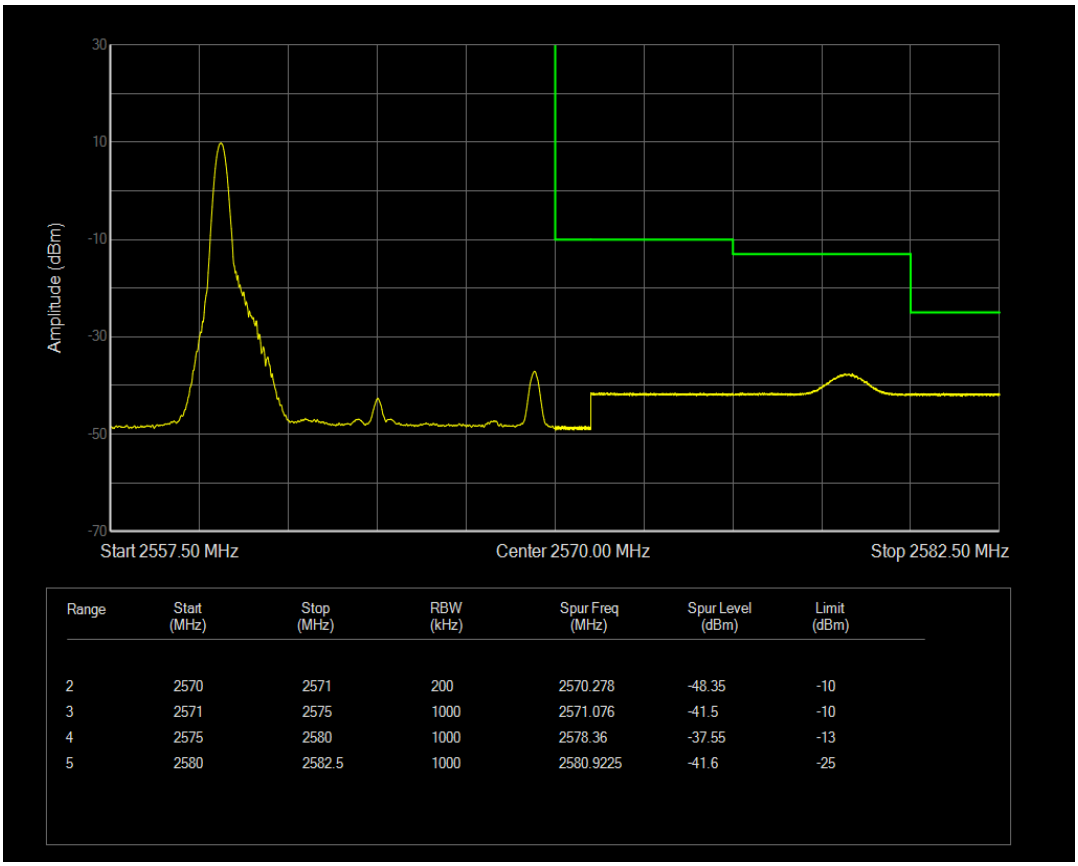
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2487.5	2490	1000	2489.48	-41.78	-25
2	2490	2496	1000	2491.686	-39.07	-13
3	2496	2499	1000	2498.418	-41.6	-10
4	2499	2500	200	2499.99	-48.4	-10

LTE Band7 QAM16 BW=10MHz Channel=20800 RB Size=50 Position=#0



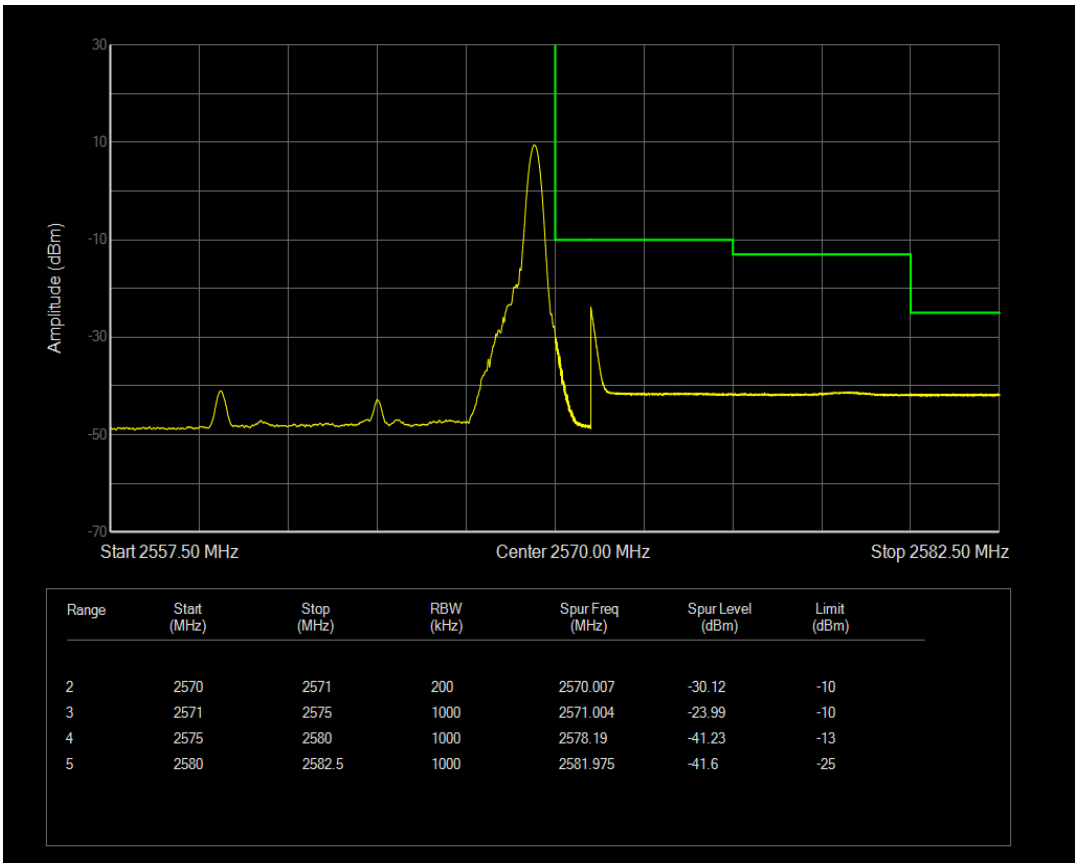
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2487.5	2490	1000	2489.7675	-40.38	-25
2	2490	2496	1000	2495.952	-35.62	-13
3	2496	2499	1000	2498.994	-32.75	-10
4	2499	2500	200	2499.977	-39.14	-10

LTE Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0



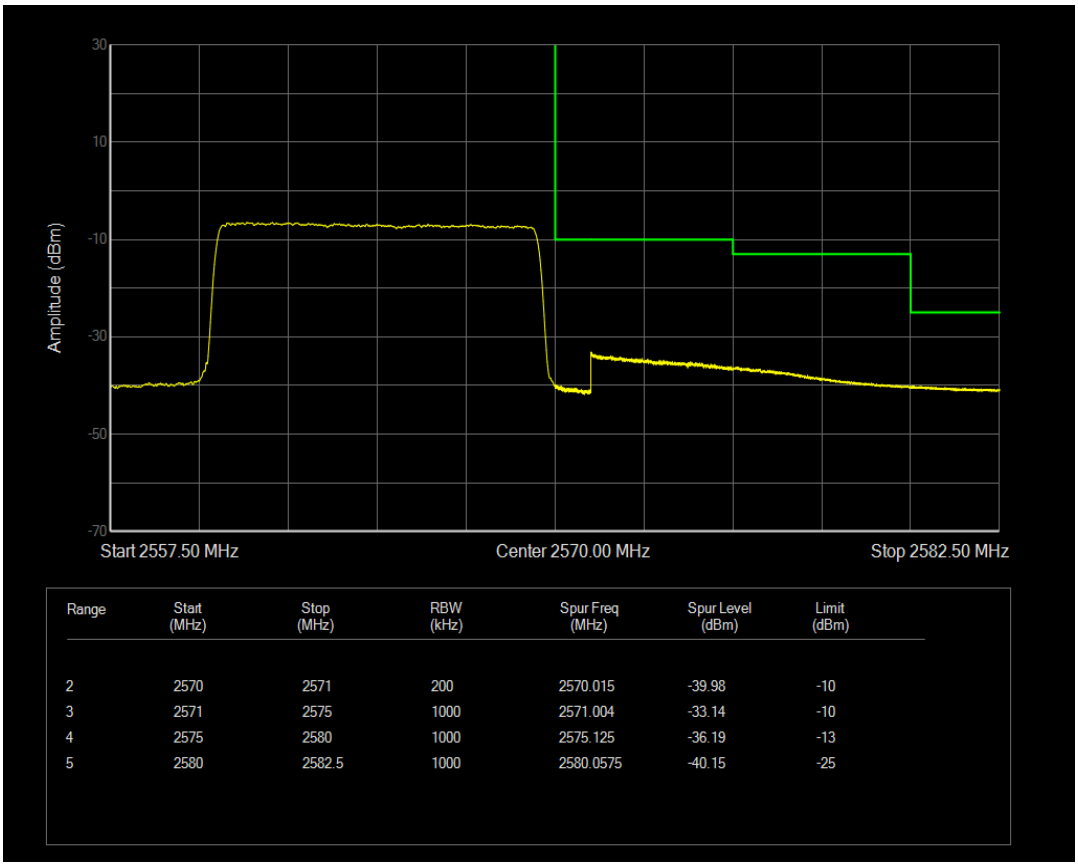
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	200	2570.278	-48.35	-10
3	2571	2575	1000	2571.076	-41.5	-10
4	2575	2580	1000	2578.36	-37.55	-13
5	2580	2582.5	1000	2580.9225	-41.6	-25

LTE Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#Max



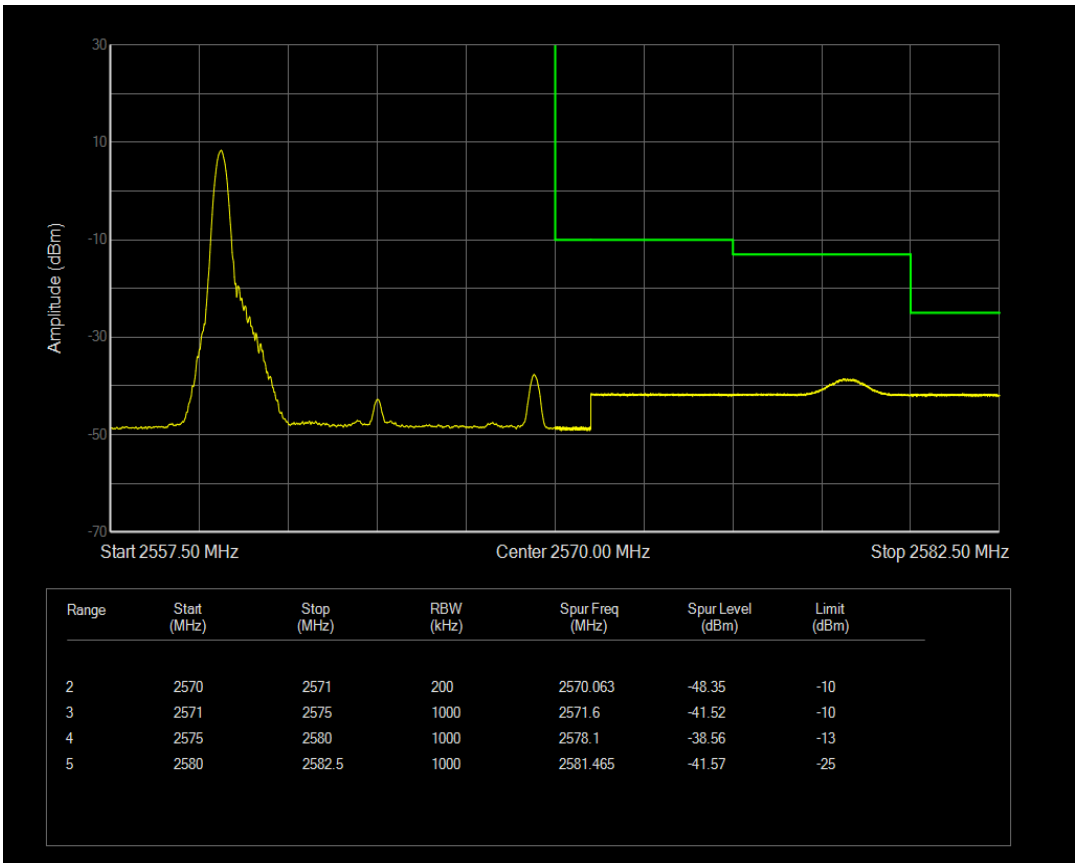
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	200	2570.007	-30.12	-10
3	2571	2575	1000	2571.004	-23.99	-10
4	2575	2580	1000	2578.19	-41.23	-13
5	2580	2582.5	1000	2581.975	-41.6	-25

LTE Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



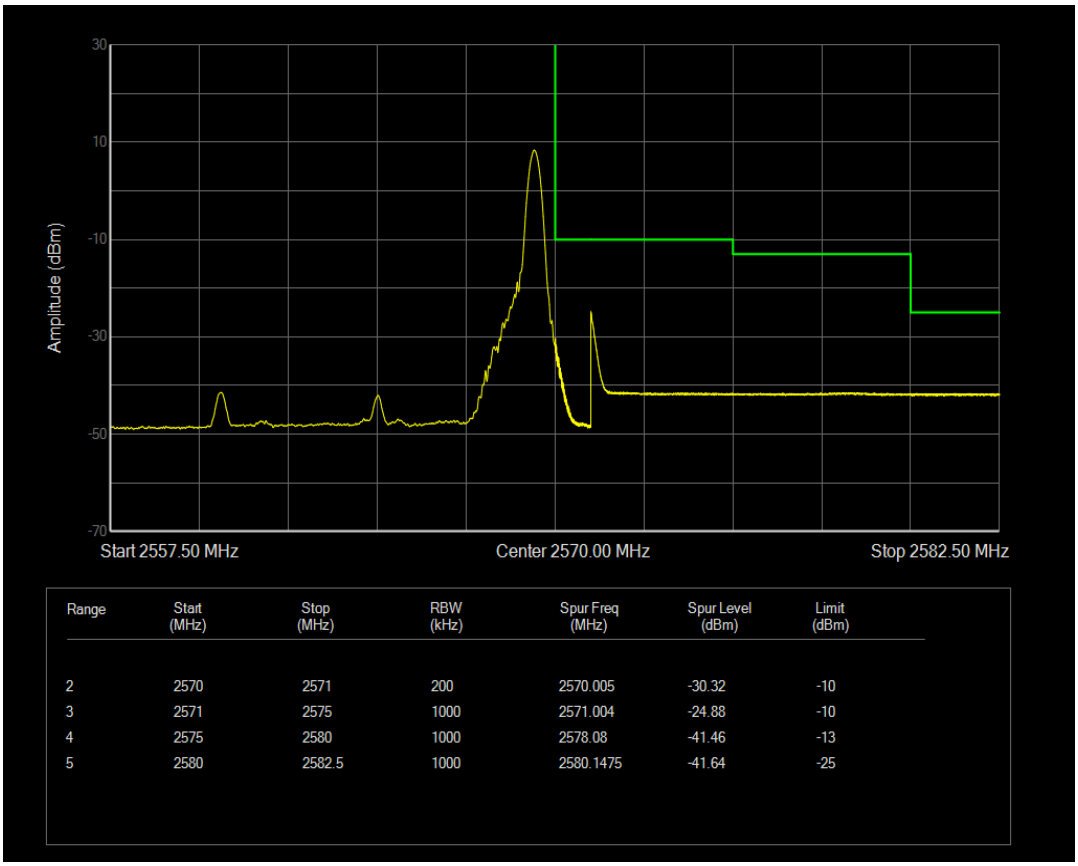
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	200	2570.015	-39.98	-10
3	2571	2575	1000	2571.004	-33.14	-10
4	2575	2580	1000	2575.125	-36.19	-13
5	2580	2582.5	1000	2580.0575	-40.15	-25

LTE Band7 QAM16 BW=10MHz Channel=21400 RB Size=1 Position=#0



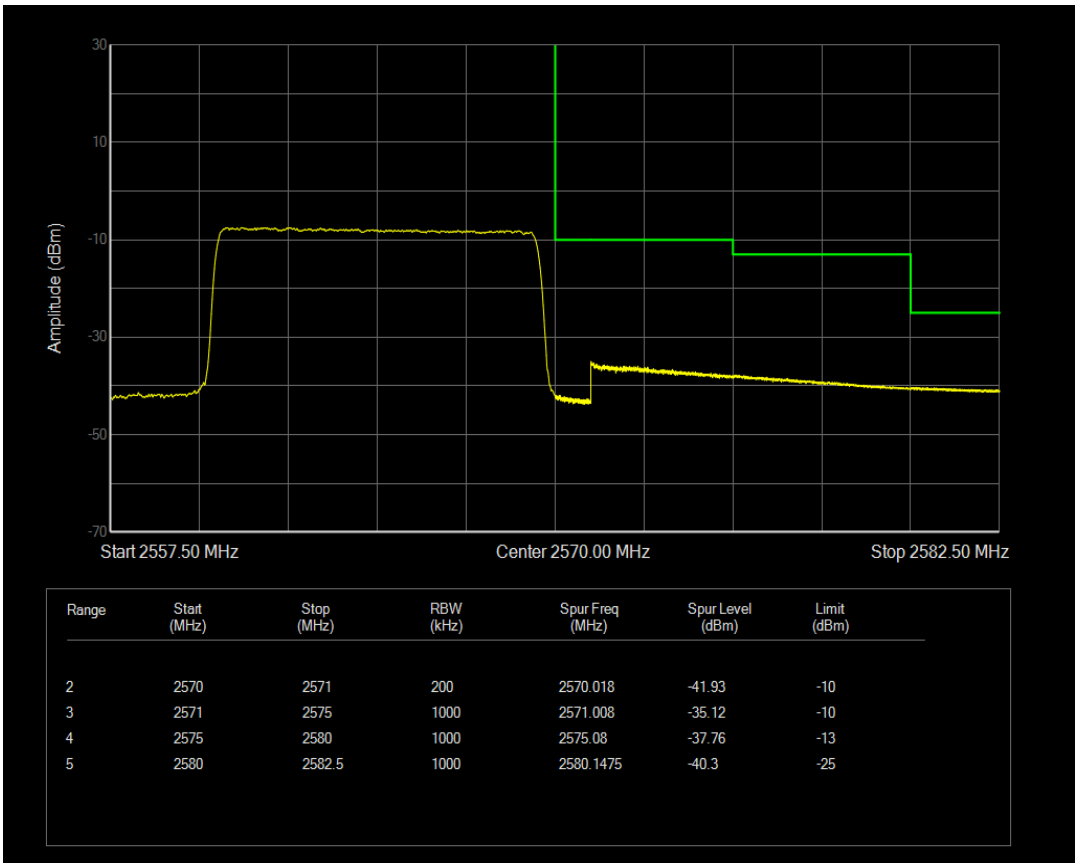
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	200	2570.063	-48.35	-10
3	2571	2575	1000	2571.6	-41.52	-10
4	2575	2580	1000	2578.1	-38.56	-13
5	2580	2582.5	1000	2581.465	-41.57	-25

LTE Band7 QAM16 BW=10MHz Channel=21400 RB Size=1 Position=#Max



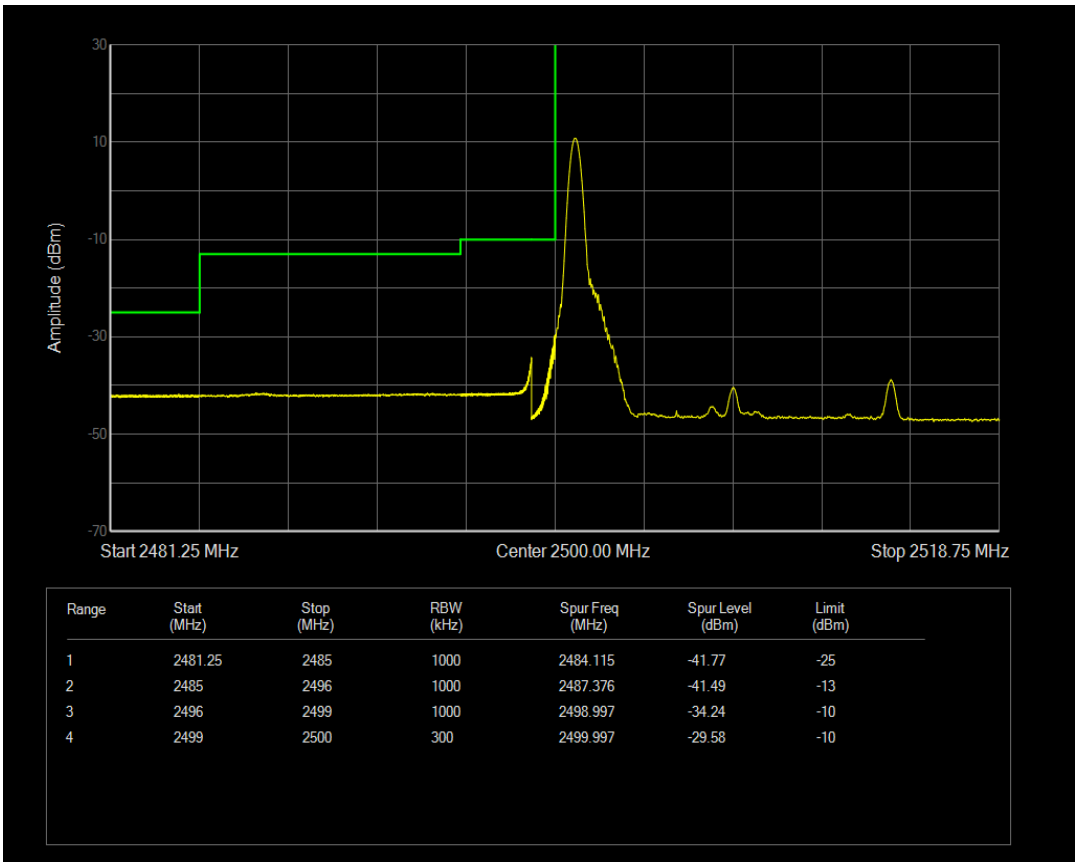
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	200	2570.005	-30.32	-10
3	2571	2575	1000	2571.004	-24.88	-10
4	2575	2580	1000	2578.08	-41.46	-13
5	2580	2582.5	1000	2580.1475	-41.64	-25

LTE Band7 QAM16 BW=10MHz Channel=21400 RB Size=50 Position=#0



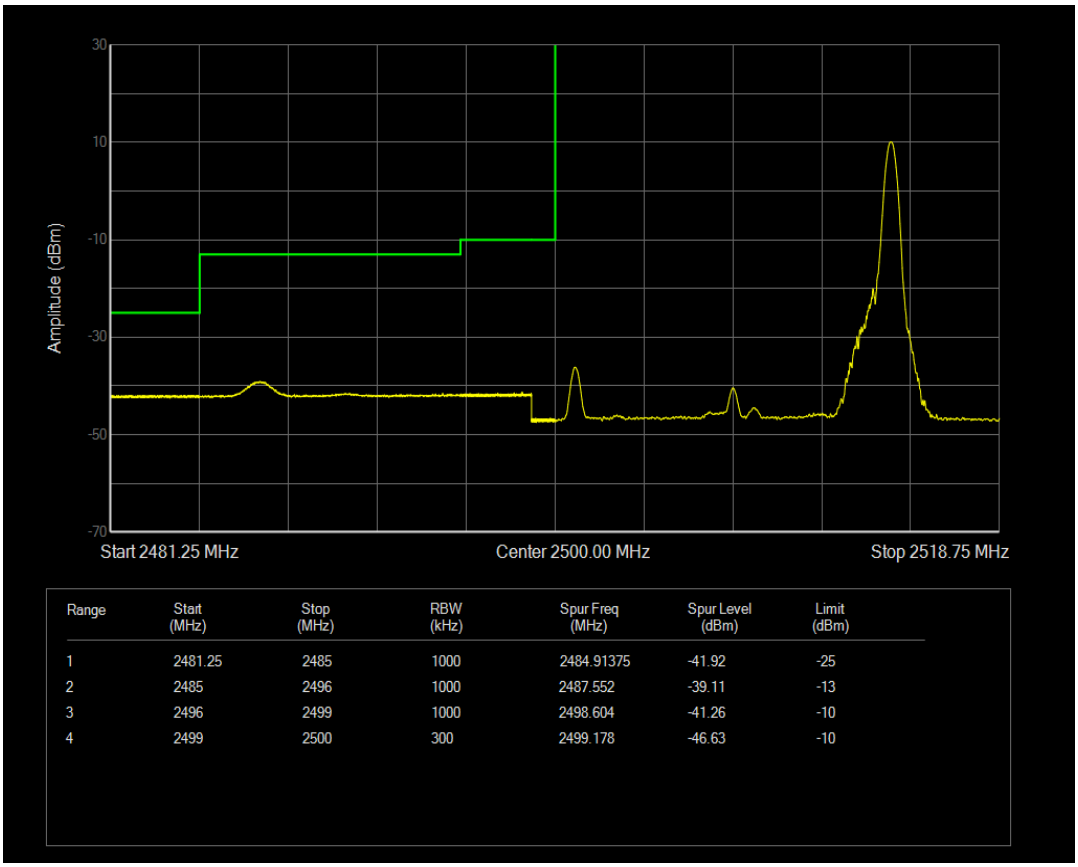
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	200	2570.018	-41.93	-10
3	2571	2575	1000	2571.008	-35.12	-10
4	2575	2580	1000	2575.08	-37.76	-13
5	2580	2582.5	1000	2580.1475	-40.3	-25

LTE Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0



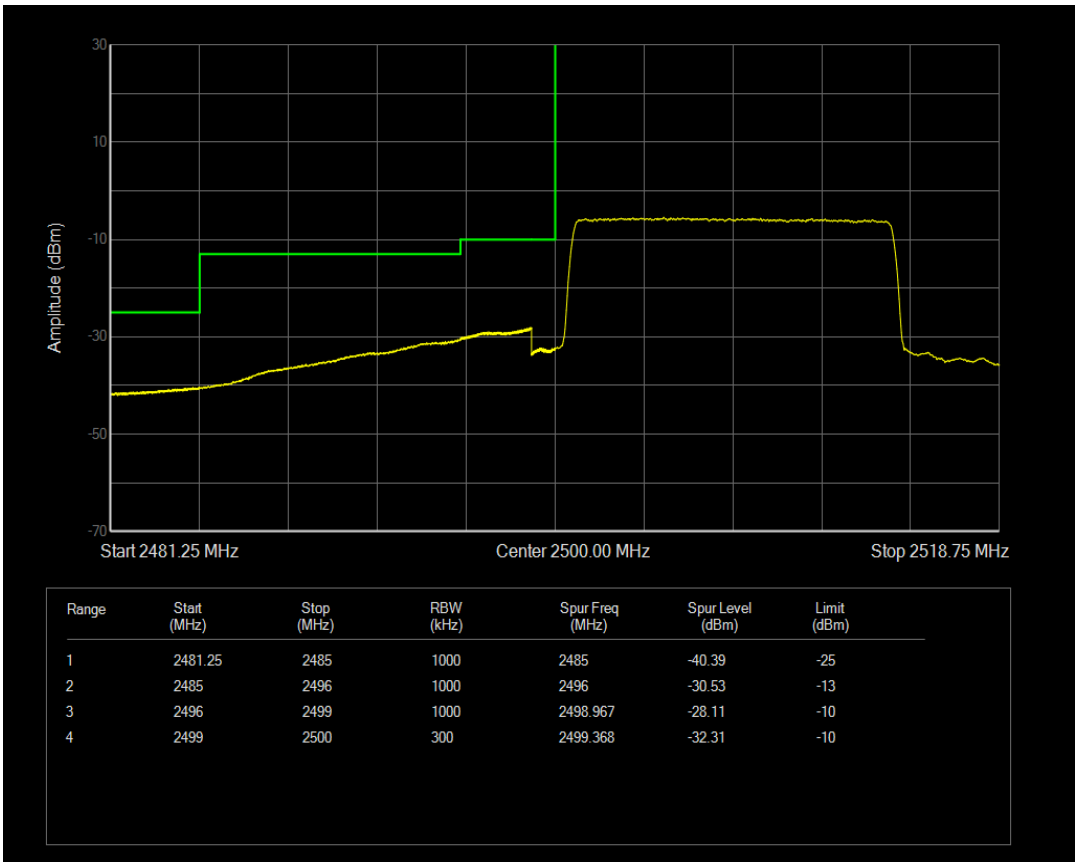
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2481.25	2485	1000	2484.115	-41.77	-25
2	2485	2496	1000	2487.376	-41.49	-13
3	2496	2499	1000	2498.997	-34.24	-10
4	2499	2500	300	2499.997	-29.58	-10

LTE Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#Max



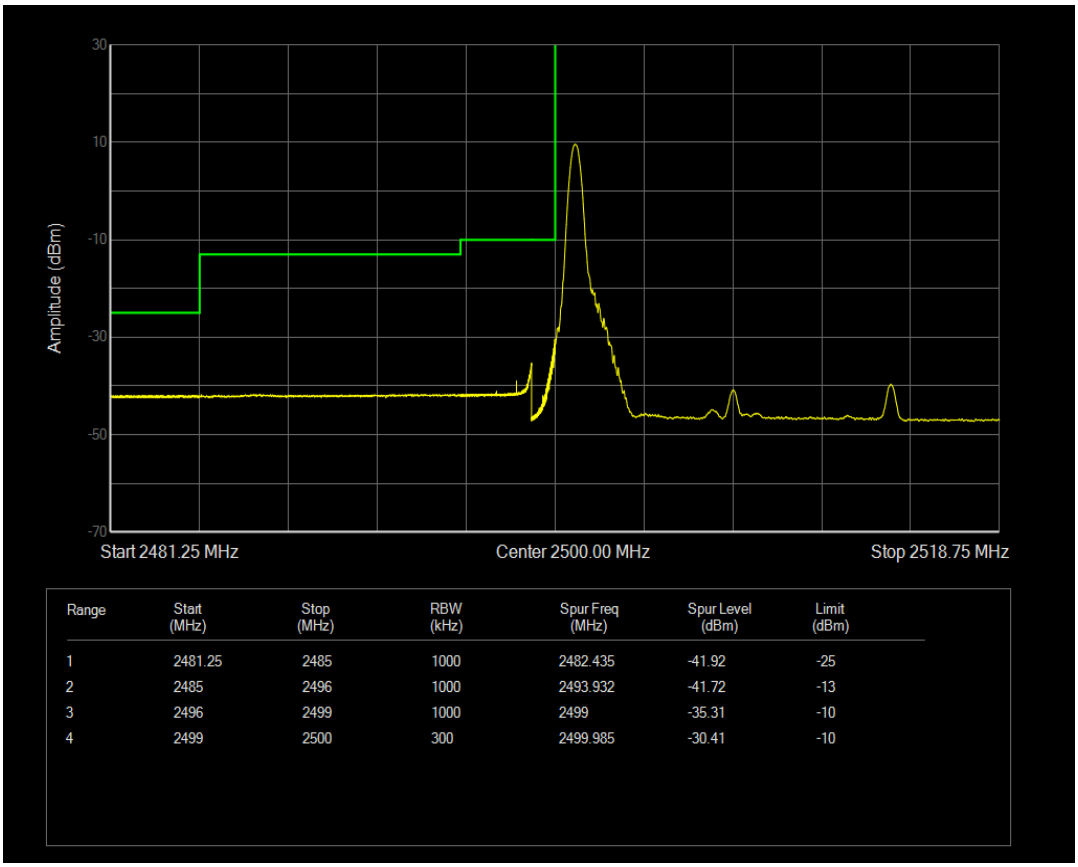
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2481.25	2485	1000	2484.91375	-41.92	-25
2	2485	2496	1000	2487.552	-39.11	-13
3	2496	2499	1000	2498.604	-41.26	-10
4	2499	2500	300	2499.178	-46.63	-10

LTE Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



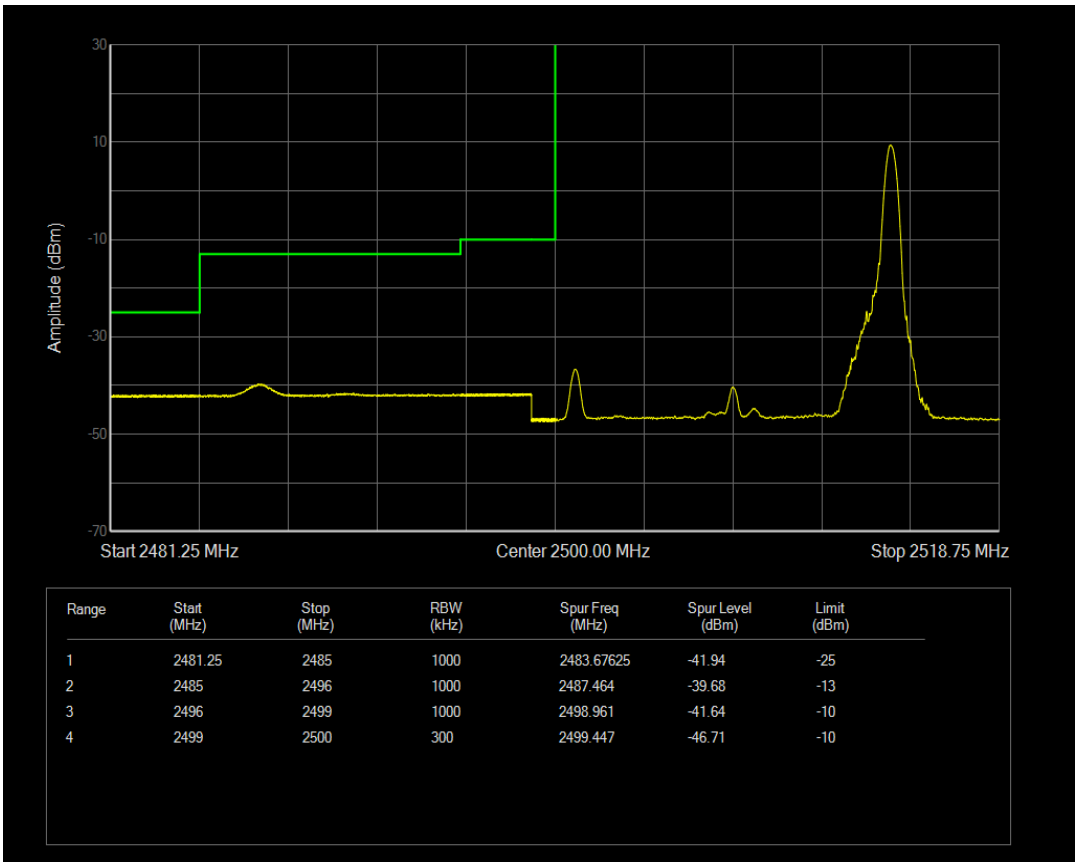
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2481.25	2485	1000	2485	-40.39	-25
2	2485	2496	1000	2496	-30.53	-13
3	2496	2499	1000	2498.967	-28.11	-10
4	2499	2500	300	2499.368	-32.31	-10

LTE Band7 QAM16 BW=15MHz Channel=20825 RB Size=1 Position=#0



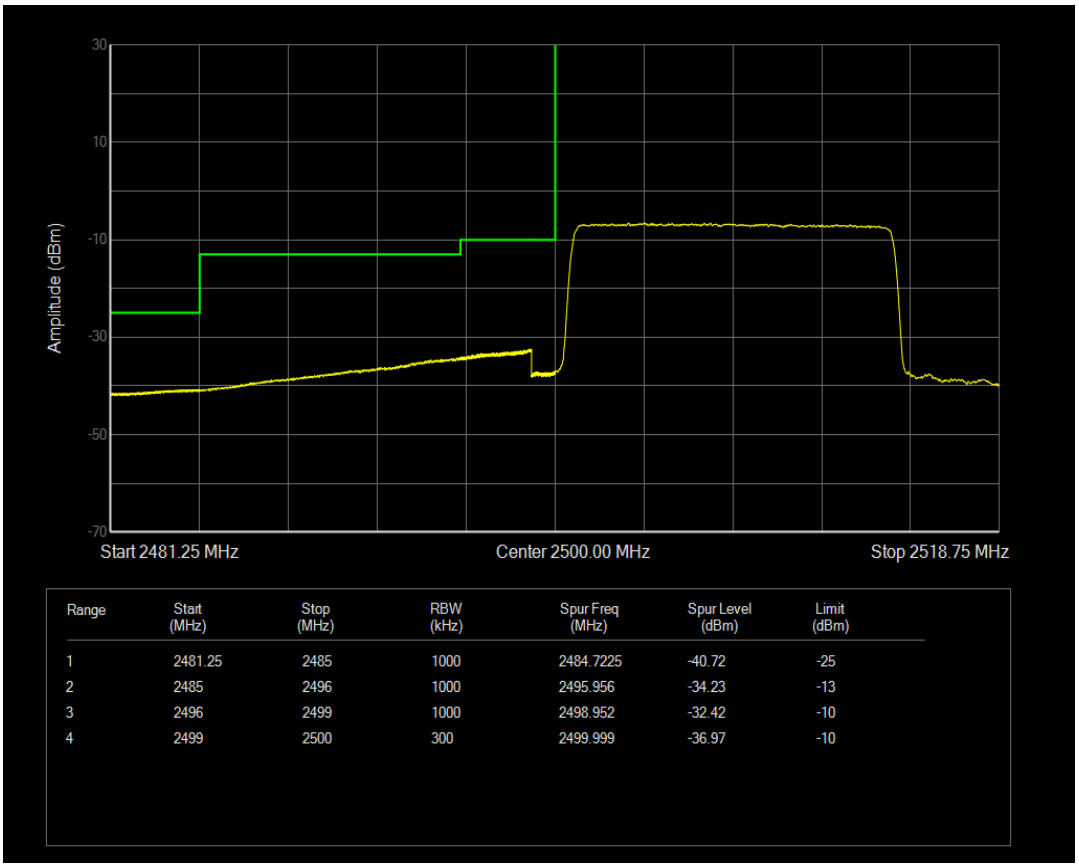
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2481.25	2485	1000	2482.435	-41.92	-25
2	2485	2496	1000	2493.932	-41.72	-13
3	2496	2499	1000	2499	-35.31	-10
4	2499	2500	300	2499.985	-30.41	-10

LTE Band7 QAM16 BW=15MHz Channel=20825 RB Size=1 Position=#Max



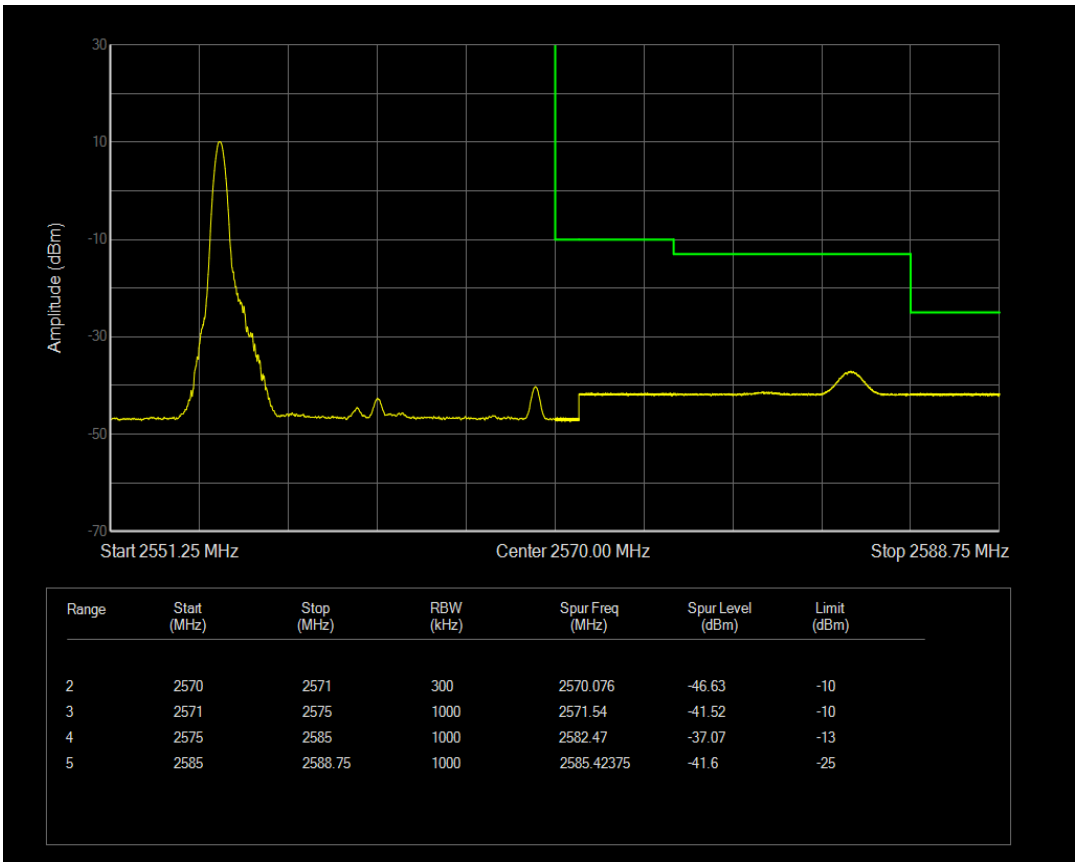
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2481.25	2485	1000	2483.67625	-41.94	-25
2	2485	2496	1000	2487.464	-39.68	-13
3	2496	2499	1000	2498.961	-41.64	-10
4	2499	2500	300	2499.447	-46.71	-10

LTE Band7 QAM16 BW=15MHz Channel=20825 RB Size=75 Position=#0



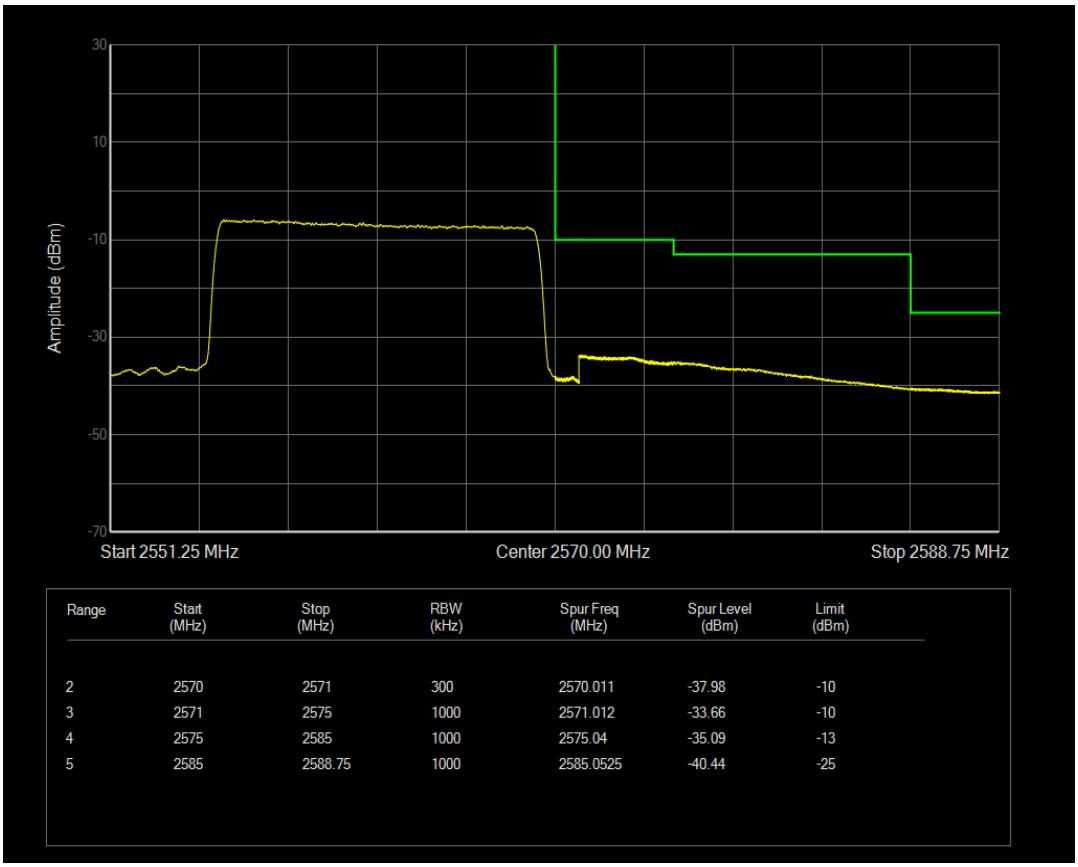
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2481.25	2485	1000	2484.7225	-40.72	-25
2	2485	2496	1000	2495.956	-34.23	-13
3	2496	2499	1000	2498.952	-32.42	-10
4	2499	2500	300	2499.999	-36.97	-10

LTE Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0



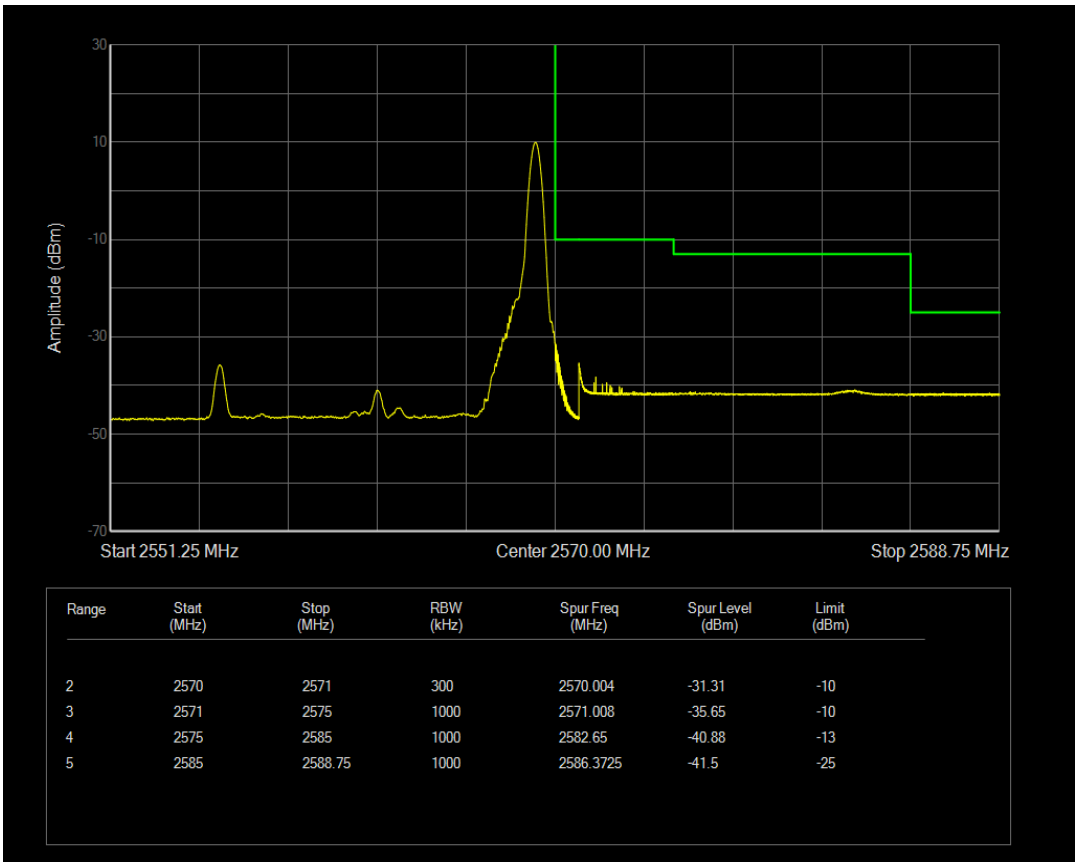
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	300	2570.076	-46.63	-10
3	2571	2575	1000	2571.54	-41.52	-10
4	2575	2585	1000	2582.47	-37.07	-13
5	2585	2588.75	1000	2585.42375	-41.6	-25

LTE Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



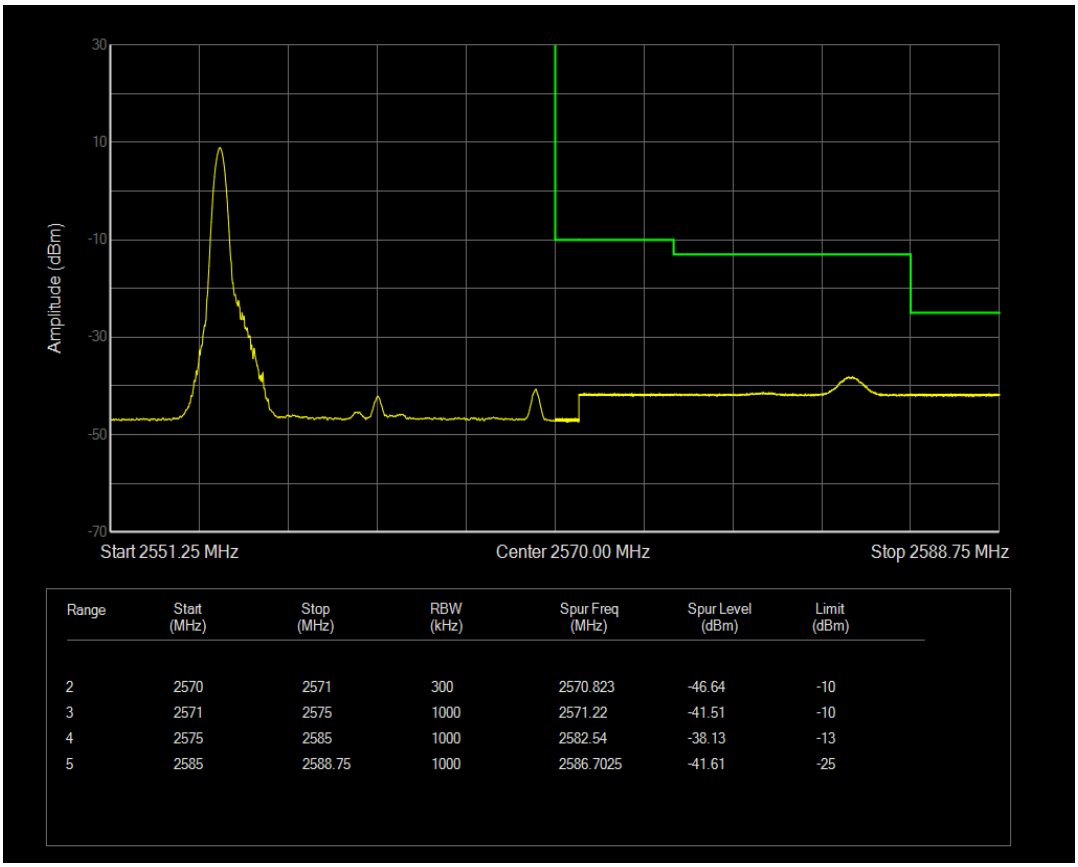
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	300	2570.011	-37.98	-10
3	2571	2575	1000	2571.012	-33.66	-10
4	2575	2585	1000	2575.04	-35.09	-13
5	2585	2588.75	1000	2585.0525	-40.44	-25

LTE Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#Max



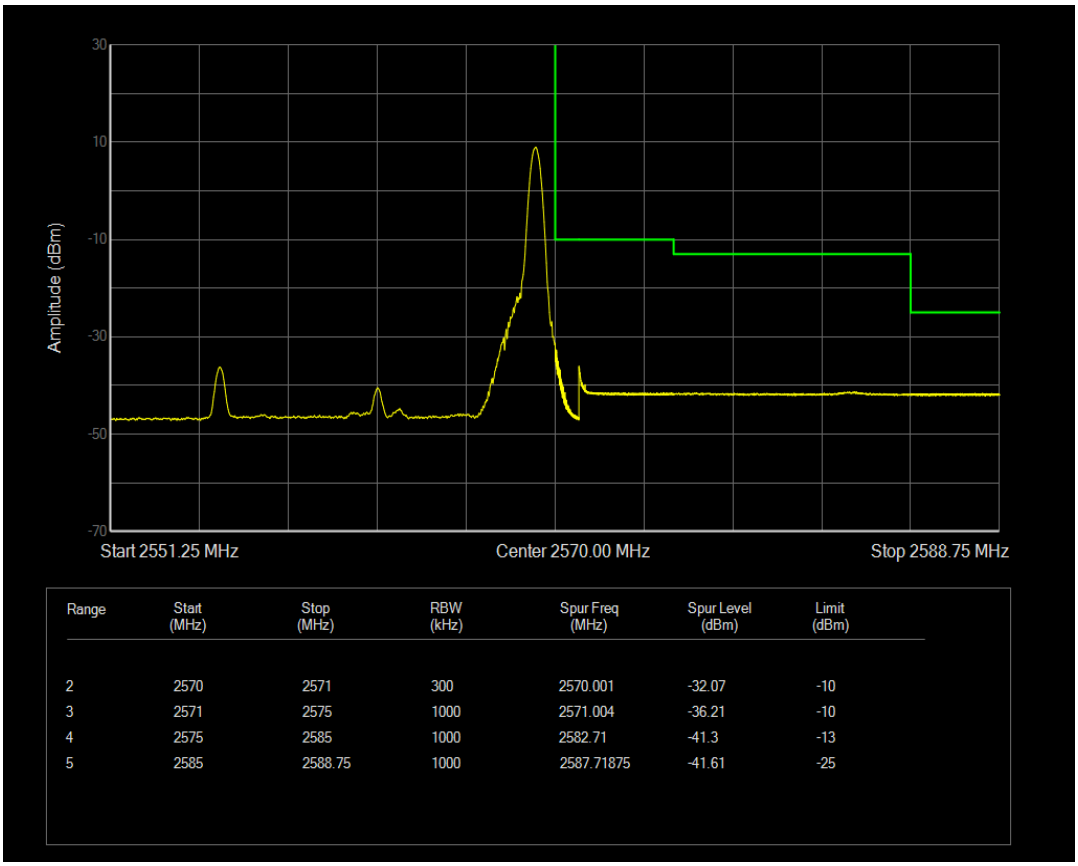
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	300	2570.004	-31.31	-10
3	2571	2575	1000	2571.008	-35.65	-10
4	2575	2585	1000	2582.65	-40.88	-13
5	2585	2588.75	1000	2586.3725	-41.5	-25

LTE Band7 QAM16 BW=15MHz Channel=21375 RB Size=1 Position=#0



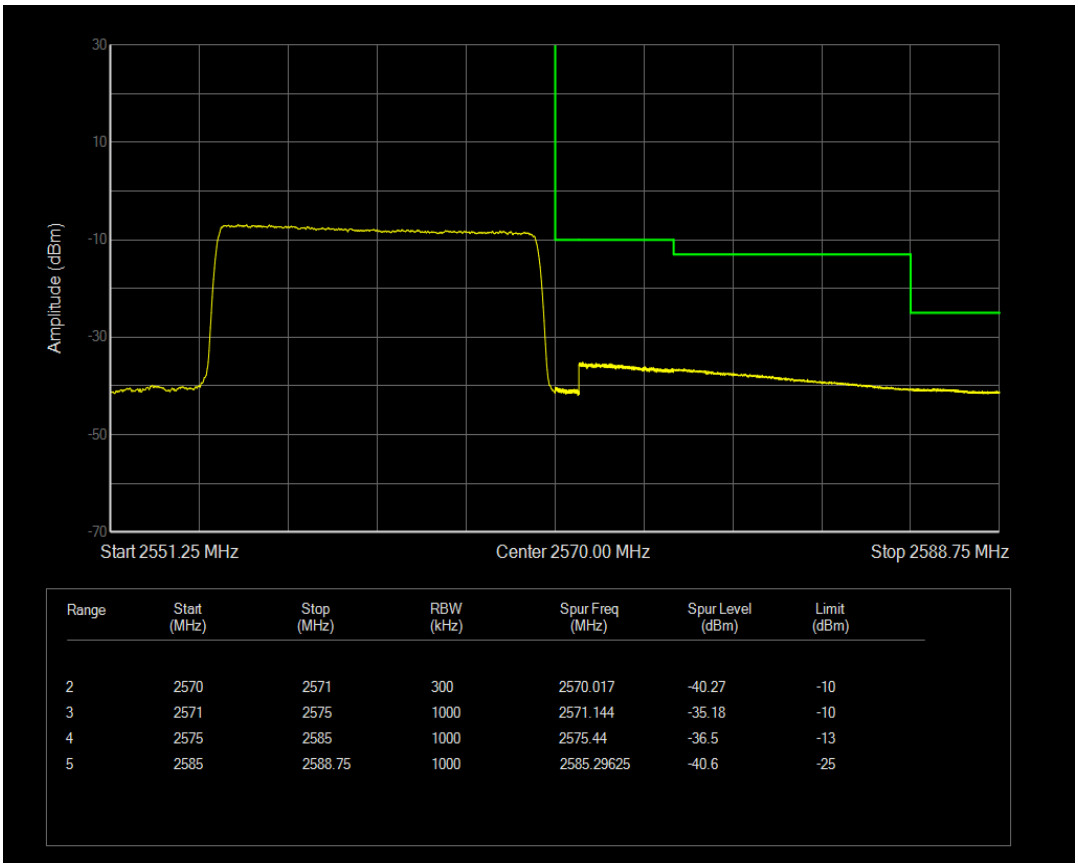
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	300	2570.823	-46.64	-10
3	2571	2575	1000	2571.22	-41.51	-10
4	2575	2585	1000	2582.54	-38.13	-13
5	2585	2588.75	1000	2586.7025	-41.61	-25

LTE Band7 QAM16 BW=15MHz Channel=21375 RB Size=1 Position=#Max



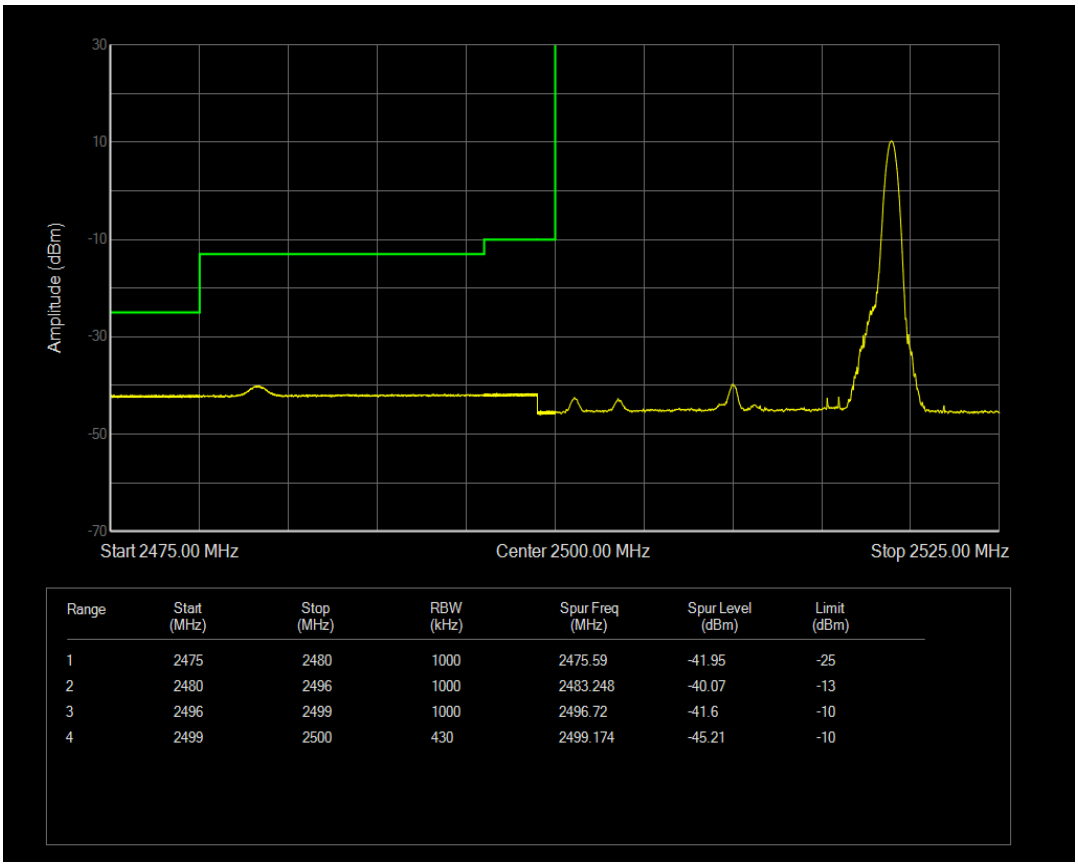
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	300	2570.001	-32.07	-10
3	2571	2575	1000	2571.004	-36.21	-10
4	2575	2585	1000	2582.71	-41.3	-13
5	2585	2588.75	1000	2587.71875	-41.61	-25

LTE Band7 QAM16 BW=15MHz Channel=21375 RB Size=75 Position=#0



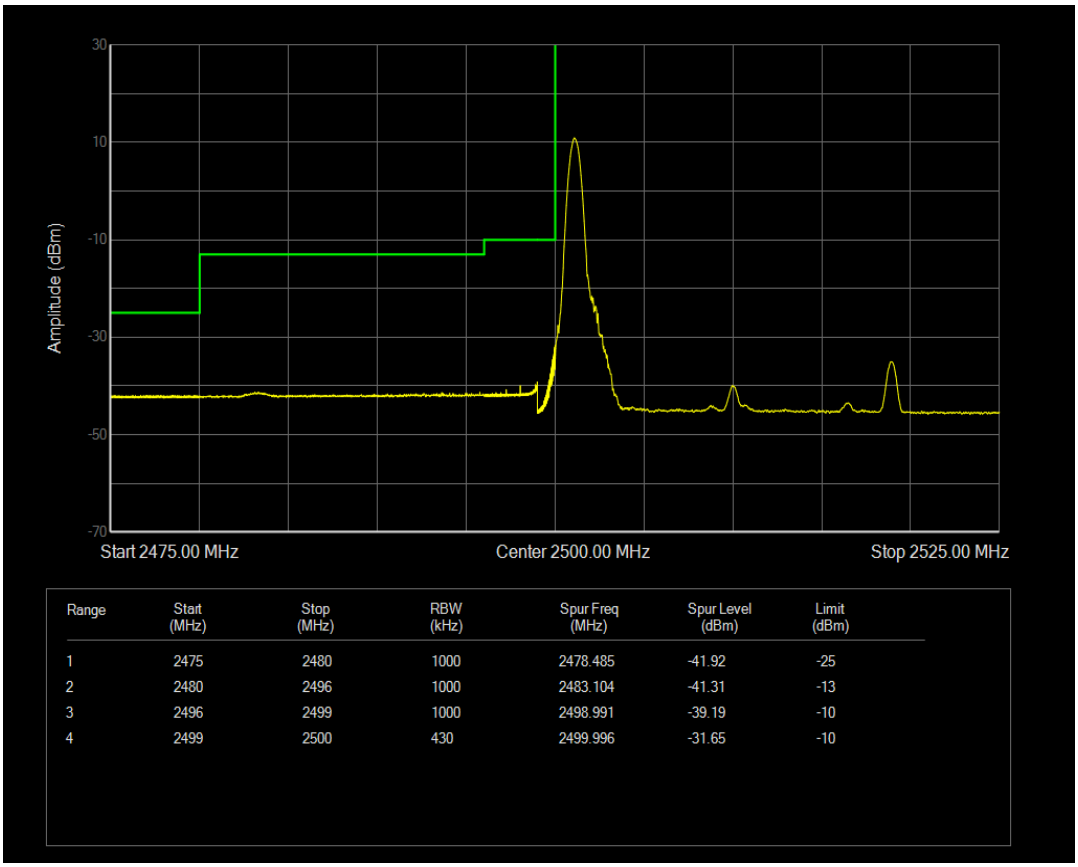
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	300	2570.017	-40.27	-10
3	2571	2575	1000	2571.144	-35.18	-10
4	2575	2585	1000	2575.44	-36.5	-13
5	2585	2588.75	1000	2585.29625	-40.6	-25

LTE Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#Max



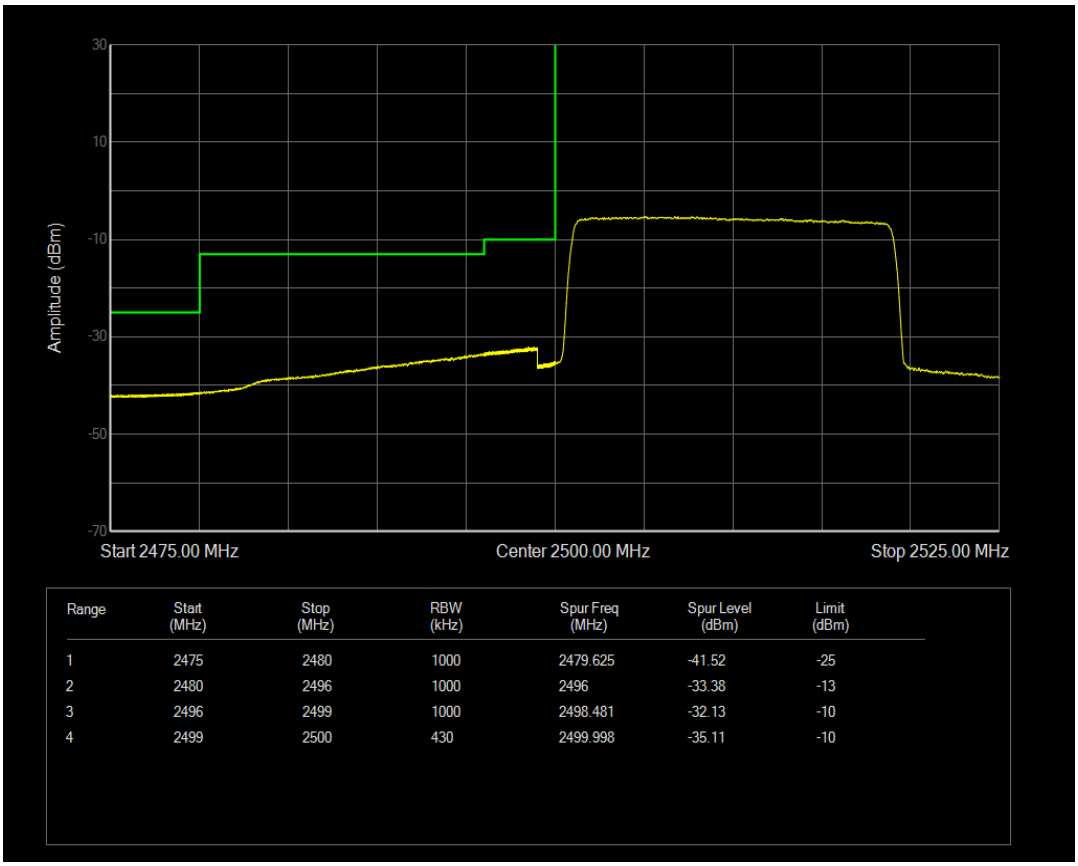
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2475.59	-41.95	-25
2	2480	2496	1000	2483.248	-40.07	-13
3	2496	2499	1000	2496.72	-41.6	-10
4	2499	2500	430	2499.174	-45.21	-10

LTE Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0



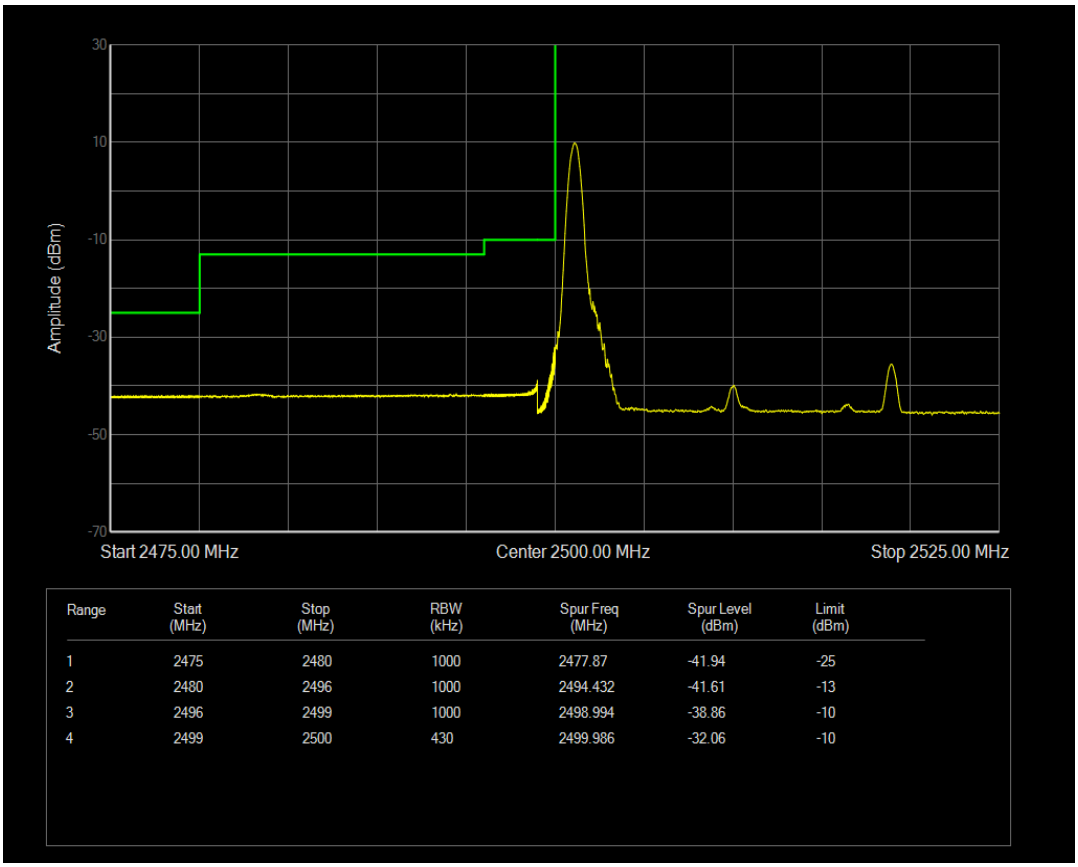
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2478.485	-41.92	-25
2	2480	2496	1000	2483.104	-41.31	-13
3	2496	2499	1000	2498.991	-39.19	-10
4	2499	2500	430	2499.996	-31.65	-10

LTE Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



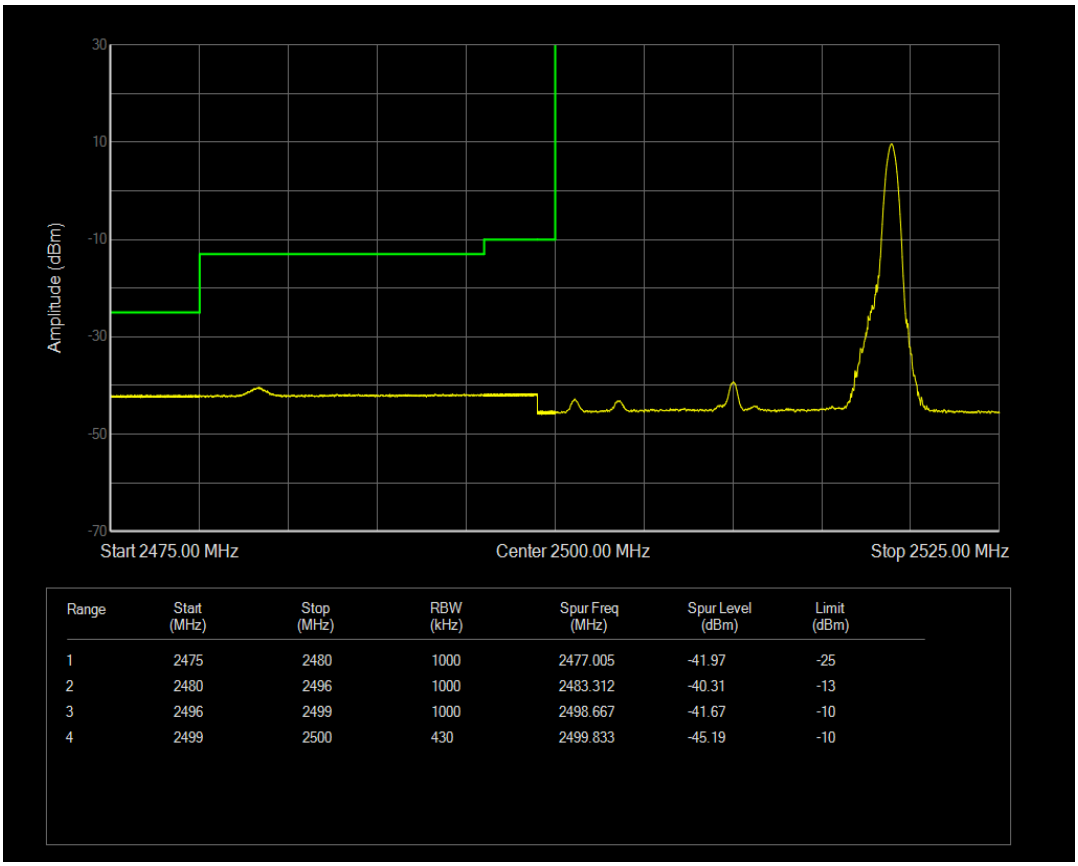
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2479.625	-41.52	-25
2	2480	2496	1000	2496	-33.38	-13
3	2496	2499	1000	2498.481	-32.13	-10
4	2499	2500	430	2499.998	-35.11	-10

LTE Band7 QAM16 BW=20MHz Channel=20850 RB Size=1 Position=#0



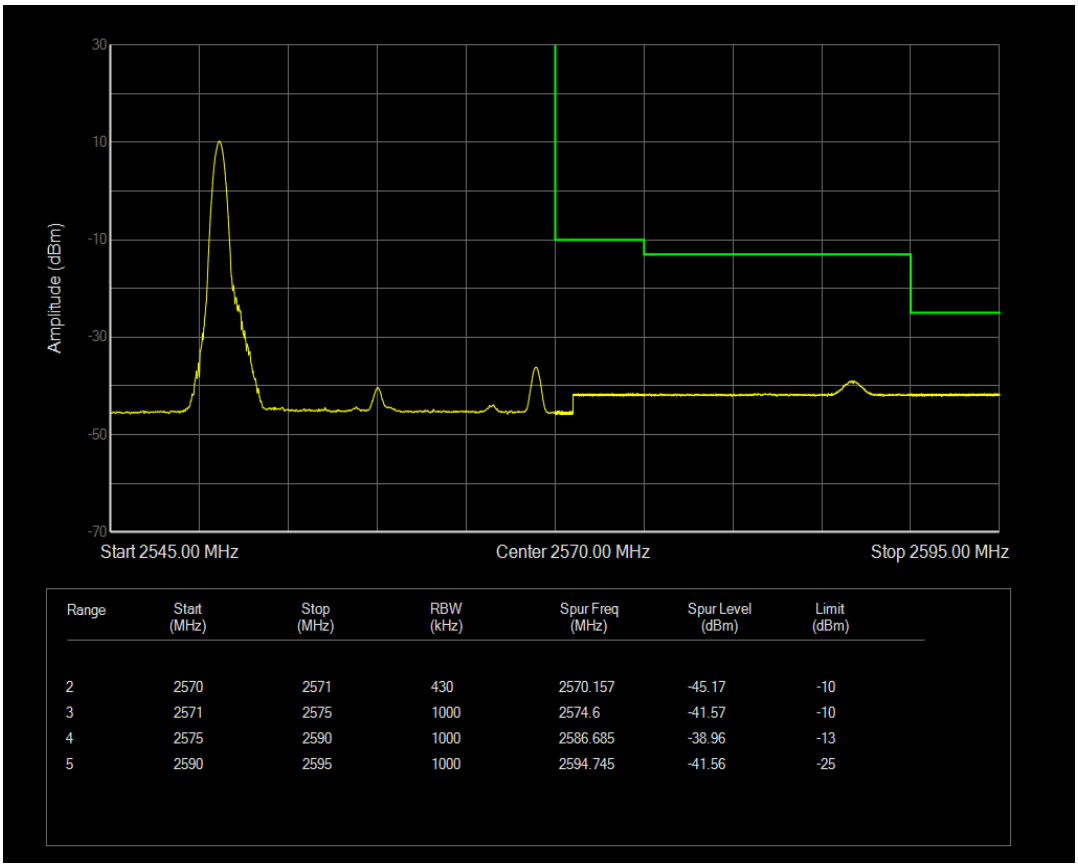
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2477.87	-41.94	-25
2	2480	2496	1000	2494.432	-41.61	-13
3	2496	2499	1000	2498.994	-38.86	-10
4	2499	2500	430	2499.986	-32.06	-10

LTE Band7 QAM16 BW=20MHz Channel=20850 RB Size=1 Position=#Max



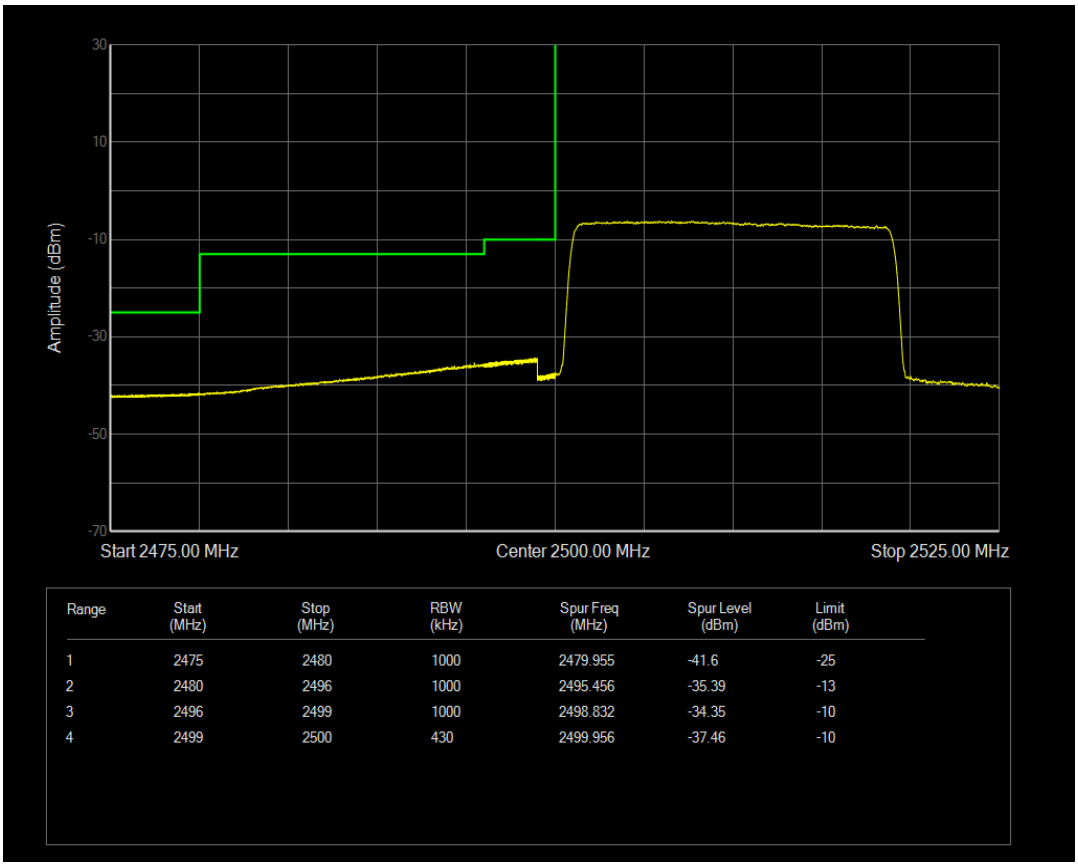
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2477.005	-41.97	-25
2	2480	2496	1000	2483.312	-40.31	-13
3	2496	2499	1000	2498.667	-41.67	-10
4	2499	2500	430	2499.833	-45.19	-10

LTE Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#0



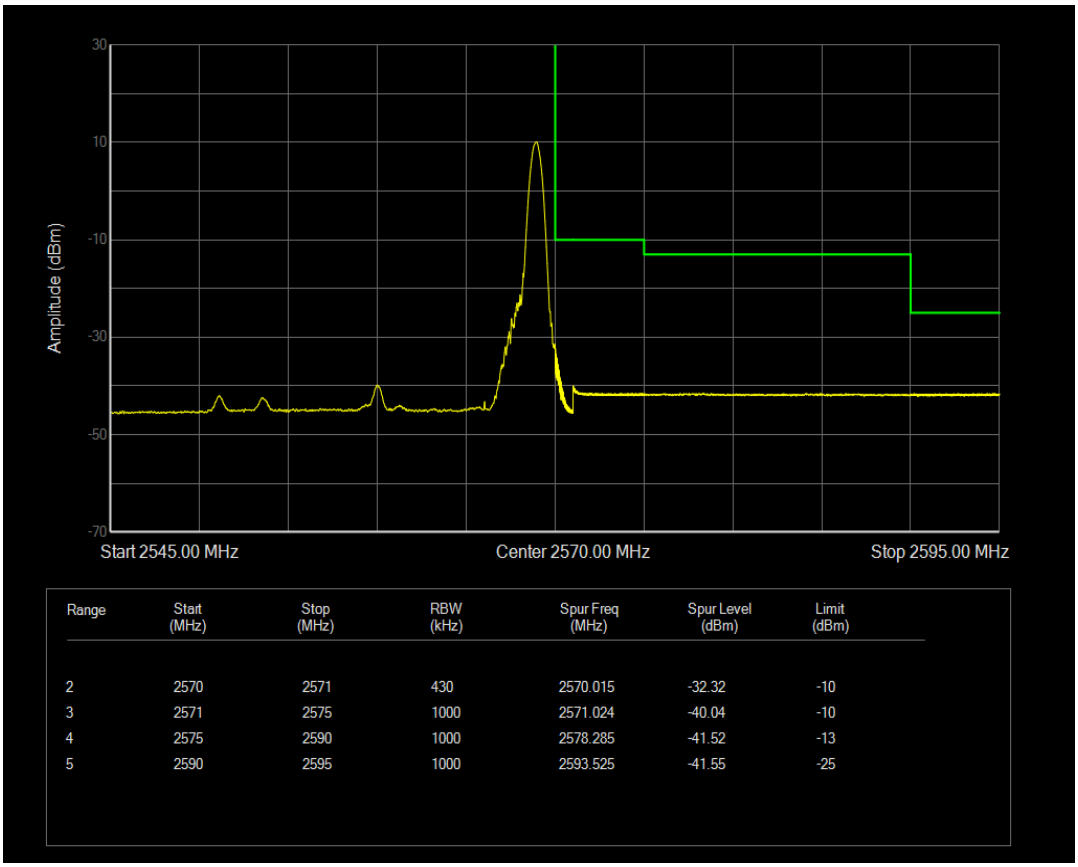
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	430	2570.157	-45.17	-10
3	2571	2575	1000	2574.6	-41.57	-10
4	2575	2590	1000	2586.685	-38.96	-13
5	2590	2595	1000	2594.745	-41.56	-25

LTE Band7 QAM16 BW=20MHz Channel=20850 RB Size=100 Position=#0



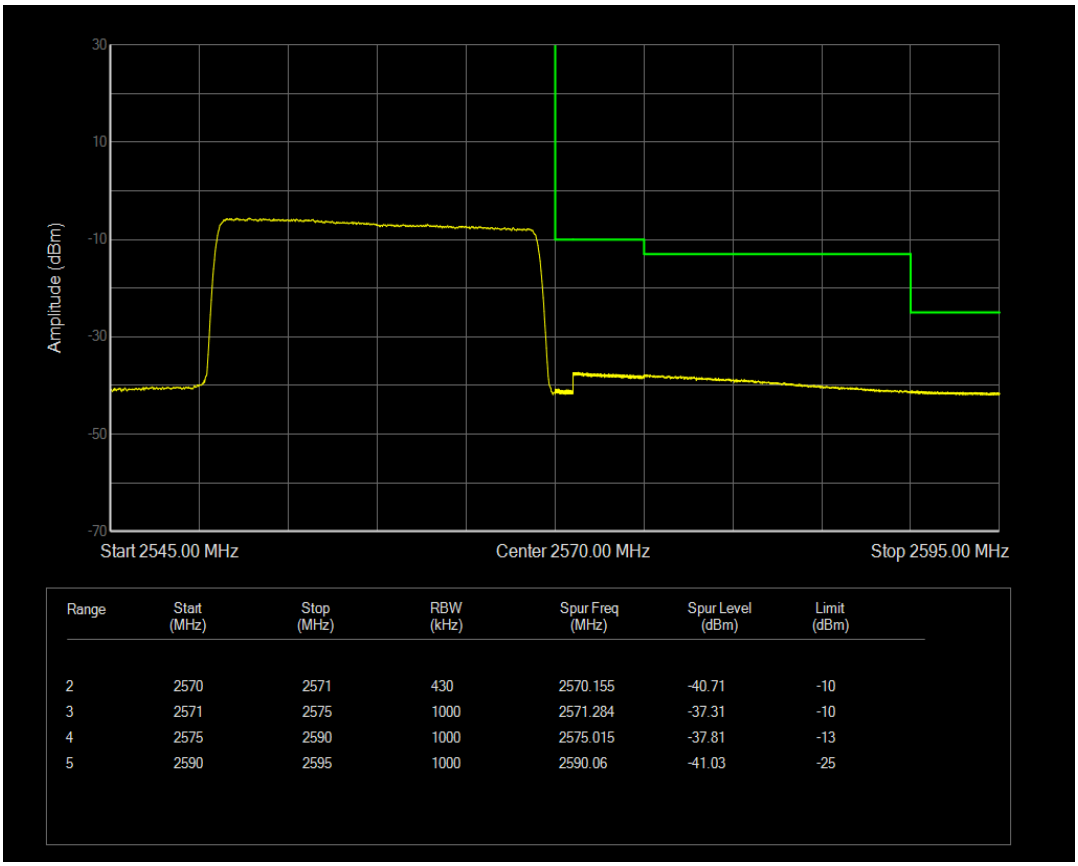
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2479.955	-41.6	-25
2	2480	2496	1000	2495.456	-35.39	-13
3	2496	2499	1000	2498.832	-34.35	-10
4	2499	2500	430	2499.956	-37.46	-10

LTE Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#Max



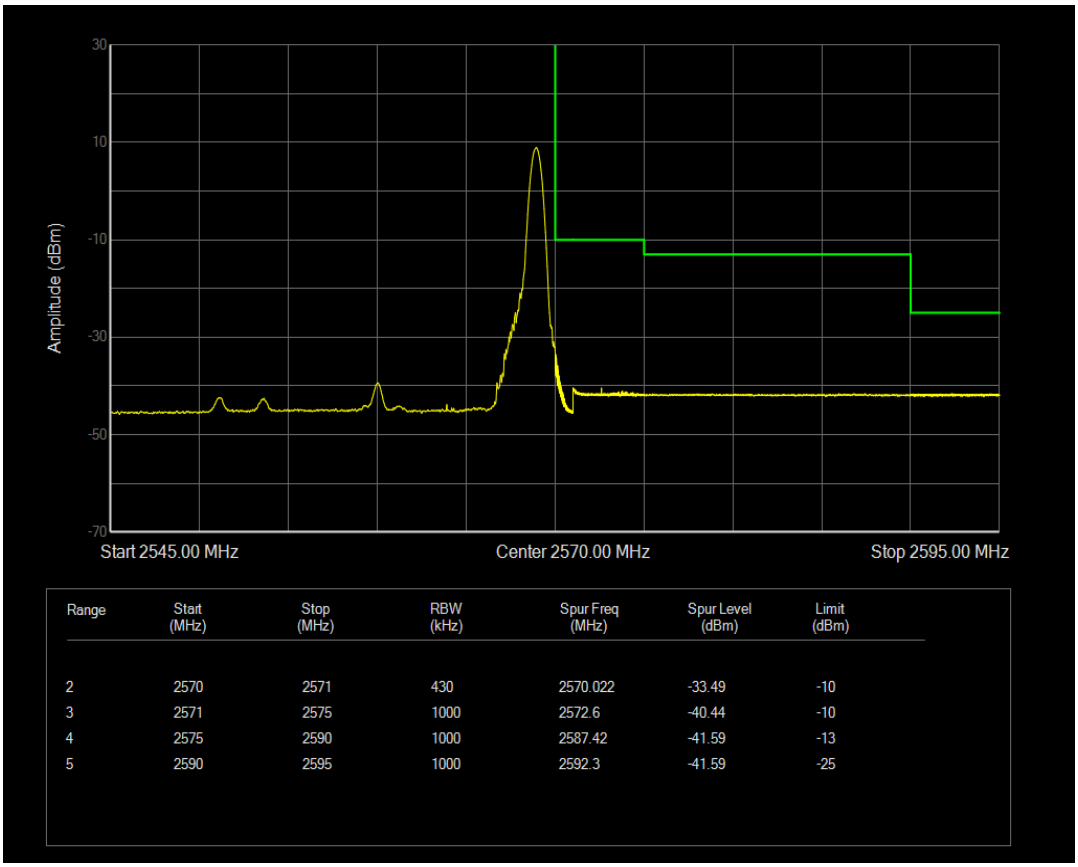
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	430	2570.015	-32.32	-10
3	2571	2575	1000	2571.024	-40.04	-10
4	2575	2590	1000	2578.285	-41.52	-13
5	2590	2595	1000	2593.525	-41.55	-25

LTE Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



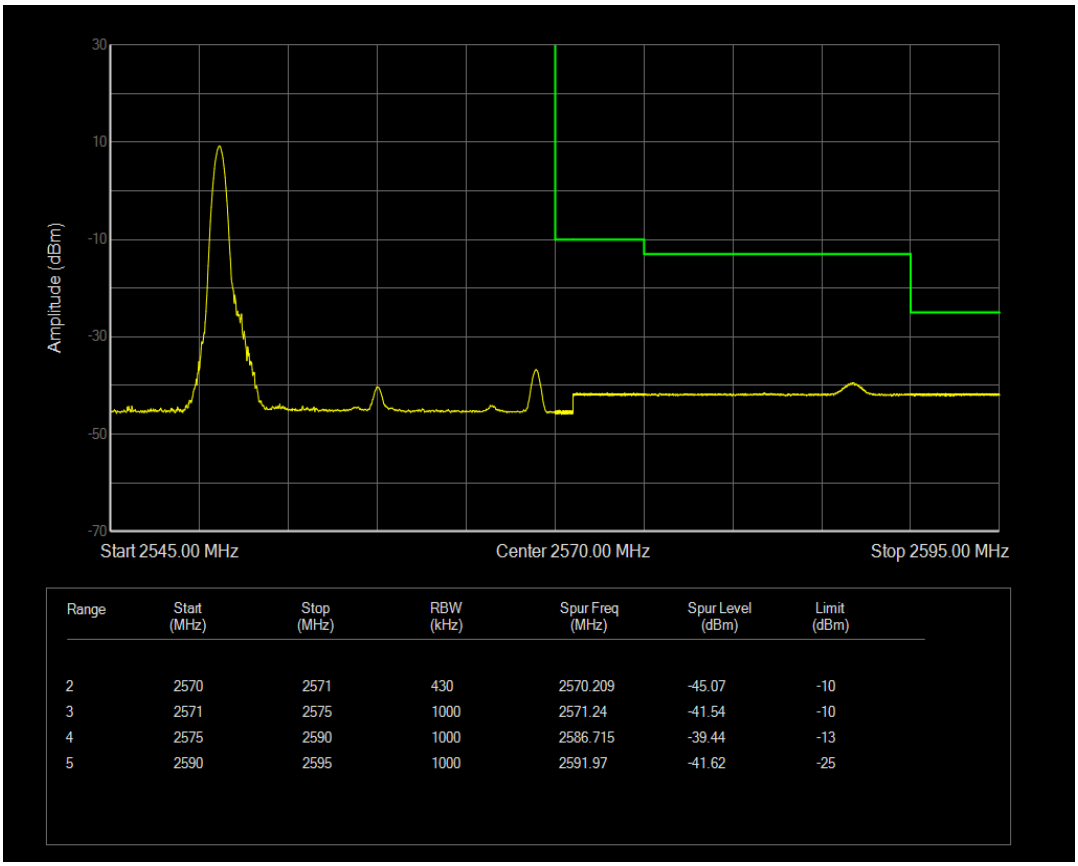
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	430	2570.155	-40.71	-10
3	2571	2575	1000	2571.284	-37.31	-10
4	2575	2590	1000	2575.015	-37.81	-13
5	2590	2595	1000	2590.06	-41.03	-25

LTE Band7 QAM16 BW=20MHz Channel=21350 RB Size=1 Position=#Max



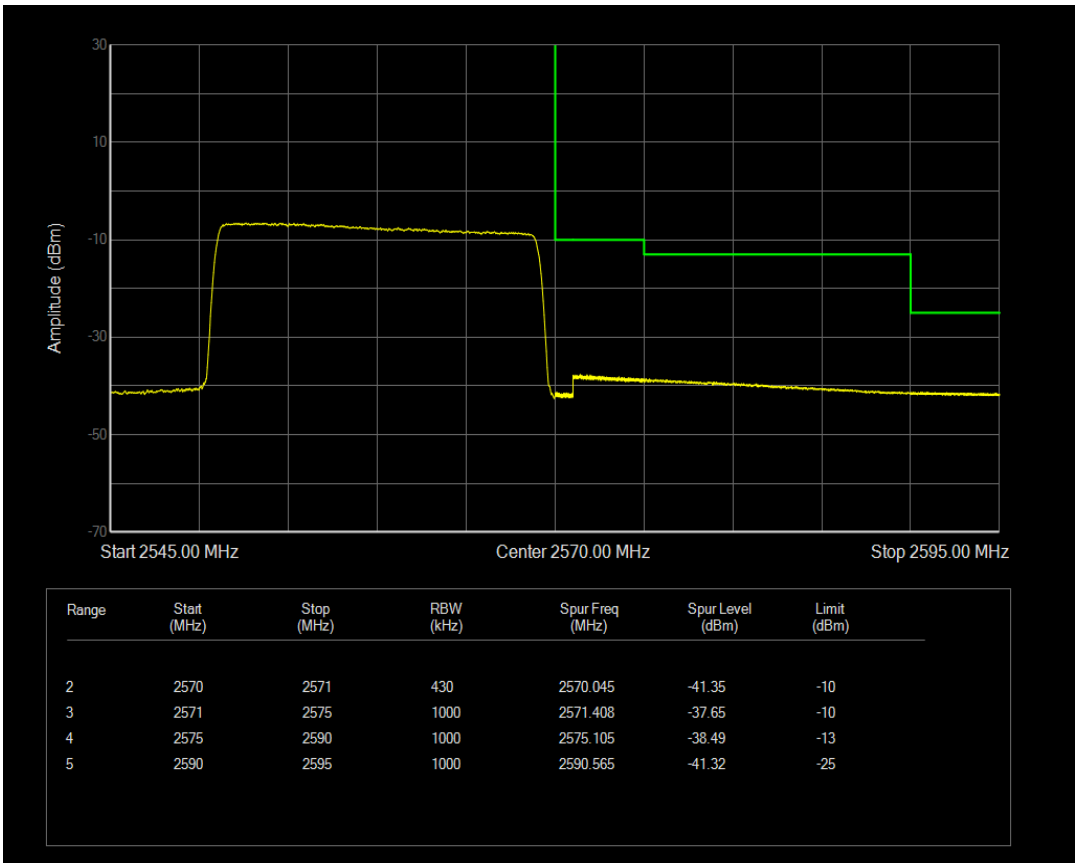
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	430	2570.022	-33.49	-10
3	2571	2575	1000	2572.6	-40.44	-10
4	2575	2590	1000	2587.42	-41.59	-13
5	2590	2595	1000	2592.3	-41.59	-25

LTE Band7 QAM16 BW=20MHz Channel=21350 RB Size=1 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	430	2570.209	-45.07	-10
3	2571	2575	1000	2571.24	-41.54	-10
4	2575	2590	1000	2586.715	-39.44	-13
5	2590	2595	1000	2591.97	-41.62	-25

LTE Band7 QAM16 BW=20MHz Channel=21350 RB Size=100 Position=#0



5 Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
LTE Band2	1.4	18607	1	#0	QAM16	19897.15	-25.09	-13	PASS
LTE Band2	1.4	18607	6	#0	QAM16	18470.80	-24.50	-13	PASS
LTE Band2	1.4	18900	1	#0	QAM16	19891.66	-24.81	-13	PASS
LTE Band2	1.4	18900	6	#0	QAM16	18909.14	-25.23	-13	PASS
LTE Band2	1.4	19193	1	#0	QAM16	19000.50	-24.26	-13	PASS
LTE Band2	1.4	19193	6	#0	QAM16	17760.86	-25.15	-13	PASS
LTE Band2	3	18615	1	#0	QAM16	19928.11	-24.42	-13	PASS
LTE Band2	3	18615	15	#0	QAM16	17802.80	-25.23	-13	PASS
LTE Band2	3	18900	1	#0	QAM16	17042.44	-24.76	-13	PASS
LTE Band2	3	18900	15	#0	QAM16	16668.50	-24.90	-13	PASS

LTE Band2	3	19185	1	#0	QAM16	19922.62	-24.14	-13	PASS
LTE Band2	3	19185	15	#0	QAM16	19906.14	-24.61	-13	PASS
LTE Band2	5	18625	1	#0	QAM16	19764.85	-25.18	-13	PASS
LTE Band2	5	18625	25	#0	QAM16	17882.68	-24.89	-13	PASS
LTE Band2	5	18900	1	#0	QAM16	18458.32	-24.38	-13	PASS
LTE Band2	5	18900	25	#0	QAM16	19820.77	-25.13	-13	PASS
LTE Band2	5	19175	1	#0	QAM16	19943.58	-25.10	-13	PASS
LTE Band2	5	19175	25	#0	QAM16	19518.72	-25.21	-13	PASS
LTE Band2	10	18650	1	#0	QAM16	17862.21	-24.89	-13	PASS
LTE Band2	10	18650	50	#0	QAM16	19912.63	-24.28	-13	PASS
LTE Band2	10	18900	1	#0	QAM16	19948.08	-24.72	-13	PASS
LTE Band2	10	18900	50	#0	QAM16	19941.59	-25.28	-13	PASS
LTE Band2	10	19150	1	#0	QAM16	17880.18	-24.01	-13	PASS
LTE Band2	10	19150	50	#0	QAM16	19934.60	-24.75	-13	PASS
LTE Band2	15	18675	1	#0	QAM16	19903.64	-24.14	-13	PASS
LTE Band2	15	18675	75	#0	QAM16	17907.14	-24.17	-13	PASS
LTE Band2	15	18900	1	#0	QAM16	18960.56	-24.47	-13	PASS
LTE Band2	15	18900	75	#0	QAM16	19746.38	-24.30	-13	PASS
LTE Band2	15	19125	1	#0	QAM16	19909.64	-24.50	-13	PASS
LTE Band2	15	19125	75	#0	QAM16	17055.92	-24.78	-13	PASS
LTE Band2	20	18700	1	#0	QAM16	19941.09	-24.91	-13	PASS
LTE Band2	20	18700	100	#0	QAM16	19904.14	-24.64	-13	PASS

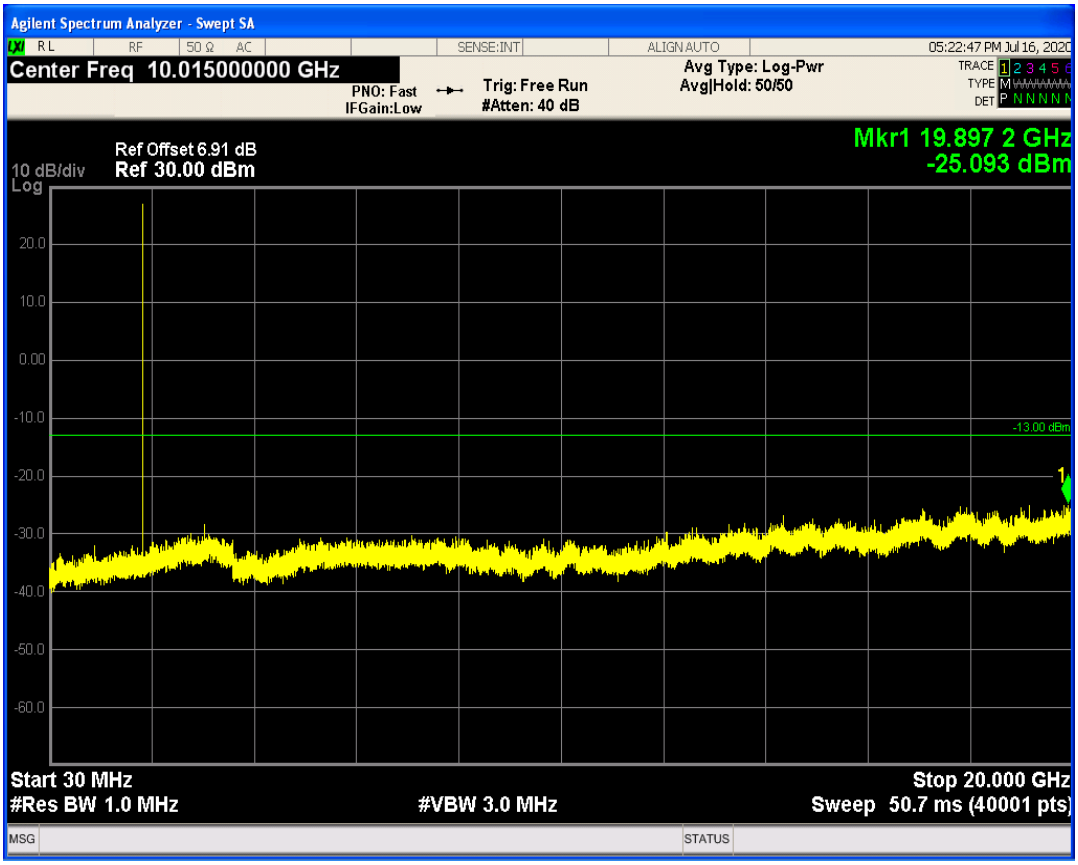
LTE Band2	20	18900	1	#0	QAM16	17752.38	-25.30	-13	PASS
LTE Band2	20	18900	100	#0	QAM16	19987.02	-24.69	-13	PASS
LTE Band2	20	19100	1	#0	QAM16	17184.73	-23.61	-13	PASS
LTE Band2	20	19100	100	#0	QAM16	17095.36	-24.42	-13	PASS
LTE Band4	1.4	19957	1	#0	QAM16	19691.96	-25.52	-13	PASS
LTE Band4	1.4	19957	6	#0	QAM16	18915.63	-25.29	-13	PASS
LTE Band4	1.4	20175	1	#0	QAM16	19965.05	-25.56	-13	PASS
LTE Band4	1.4	20175	6	#0	QAM16	19068.40	-25.77	-13	PASS
LTE Band4	1.4	20393	1	#0	QAM16	19050.93	-25.75	-13	PASS
LTE Band4	1.4	20393	6	#0	QAM16	17092.87	-25.62	-13	PASS
LTE Band4	3	19965	1	#0	QAM16	18943.09	-26.16	-13	PASS
LTE Band4	3	19965	15	#0	QAM16	19960.56	-25.51	-13	PASS
LTE Band4	3	20175	1	#0	QAM16	18512.24	-25.91	-13	PASS
LTE Band4	3	20175	15	#0	QAM16	19946.08	-25.53	-13	PASS
LTE Band4	3	20385	1	#0	QAM16	18387.92	-25.63	-13	PASS
LTE Band4	3	20385	15	#0	QAM16	19774.84	-25.46	-13	PASS
LTE Band4	5	19975	1	#0	QAM16	17821.27	-25.51	-13	PASS
LTE Band4	5	19975	25	#0	QAM16	19865.20	-25.18	-13	PASS
LTE Band4	5	20175	1	#0	QAM16	19914.13	-25.86	-13	PASS
LTE Band4	5	20175	25	#0	QAM16	19916.63	-25.36	-13	PASS
LTE Band4	5	20375	1	#0	QAM16	19971.54	-25.36	-13	PASS
LTE Band4	5	20375	25	#0	QAM16	19878.68	-26.03	-13	PASS

LTE Band4	10	20000	1	#0	QAM16	19757.36	-26.03	-13	PASS
LTE Band4	10	20000	50	#0	QAM16	19857.21	-25.41	-13	PASS
LTE Band4	10	20175	1	#0	QAM16	19934.60	-25.50	-13	PASS
LTE Band4	10	20175	50	#0	QAM16	19951.57	-25.94	-13	PASS
LTE Band4	10	20350	1	#0	QAM16	19782.33	-24.76	-13	PASS
LTE Band4	10	20350	50	#0	QAM16	19975.54	-25.53	-13	PASS
LTE Band4	15	20025	1	#0	QAM16	17786.82	-25.01	-13	PASS
LTE Band4	15	20025	75	#0	QAM16	19910.63	-25.53	-13	PASS
LTE Band4	15	20175	1	#0	QAM16	17853.72	-25.39	-13	PASS
LTE Band4	15	20175	75	#0	QAM16	17046.94	-24.85	-13	PASS
LTE Band4	15	20325	1	#0	QAM16	19823.76	-25.06	-13	PASS
LTE Band4	15	20325	75	#0	QAM16	19905.14	-24.97	-13	PASS
LTE Band4	20	20050	1	#0	QAM16	19943.09	-26.11	-13	PASS
LTE Band4	20	20050	100	#0	QAM16	19919.62	-24.95	-13	PASS
LTE Band4	20	20175	1	#0	QAM16	19921.62	-25.19	-13	PASS
LTE Band4	20	20175	100	#0	QAM16	19941.59	-25.14	-13	PASS
LTE Band4	20	20300	1	#0	QAM16	19564.15	-25.70	-13	PASS
LTE Band4	20	20300	100	#0	QAM16	19902.65	-26.24	-13	PASS
LTE Band7	5	20775	1	#0	QPSK	25979.22	-28.85	-25	PASS
LTE Band7	5	20775	25	#0	QPSK	25964.29	-29.25	-25	PASS
LTE Band7	5	20775	1	#0	QAM16	25809.12	-28.99	-25	PASS
LTE Band7	5	20775	25	#0	QAM16	25993.51	-29.31	-25	PASS

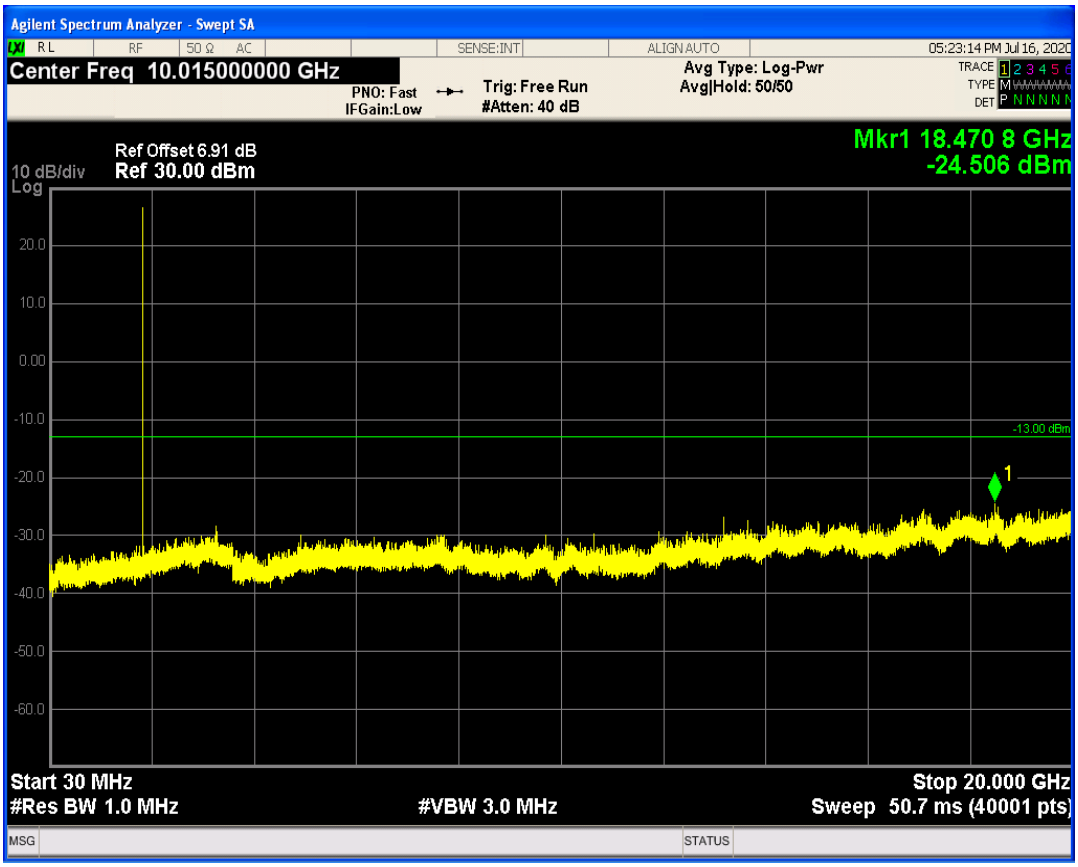
LTE Band7	5	21100	1	#0	QPSK	25981.82	-29.51	-25	PASS
LTE Band7	5	21100	25	#0	QPSK	25961.69	-28.79	-25	PASS
LTE Band7	5	21100	1	#0	QAM16	25968.19	-27.83	-25	PASS
LTE Band7	5	21100	25	#0	QAM16	25874.69	-28.93	-25	PASS
LTE Band7	5	21425	1	#0	QPSK	25480.60	-29.68	-25	PASS
LTE Band7	5	21425	25	#0	QPSK	25421.52	-29.04	-25	PASS
LTE Band7	5	21425	1	#0	QAM16	25931.18	-29.52	-25	PASS
LTE Band7	5	21425	25	#0	QAM16	25897.42	-29.28	-25	PASS
LTE Band7	10	20800	1	#0	QPSK	25880.54	-28.82	-25	PASS
LTE Band7	10	20800	50	#0	QPSK	25500.08	-28.79	-25	PASS
LTE Band7	10	20800	1	#0	QAM16	25500.73	-27.74	-25	PASS
LTE Band7	10	20800	50	#0	QAM16	23732.17	-29.58	-25	PASS
LTE Band7	10	21100	1	#0	QPSK	25861.71	-28.99	-25	PASS
LTE Band7	10	21100	50	#0	QPSK	25990.26	-28.60	-25	PASS
LTE Band7	10	21100	1	#0	QAM16	25879.24	-29.51	-25	PASS
LTE Band7	10	21100	50	#0	QAM16	25864.31	-28.94	-25	PASS
LTE Band7	10	21400	1	#0	QPSK	25845.48	-28.27	-25	PASS
LTE Band7	10	21400	50	#0	QPSK	25462.42	-28.79	-25	PASS
LTE Band7	10	21400	1	#0	QAM16	25987.02	-28.26	-25	PASS
LTE Band7	10	21400	50	#0	QAM16	25921.44	-29.17	-25	PASS
LTE Band7	15	20825	1	#0	QPSK	25990.26	-28.22	-25	PASS
LTE Band7	15	20825	75	#0	QPSK	25995.46	-29.62	-25	PASS

LTE Band7	15	20825	1	#0	QAM16	25933.13	-29.15	-25	PASS
LTE Band7	15	20825	75	#0	QAM16	25846.78	-29.25	-25	PASS
LTE Band7	15	21100	1	#0	QPSK	25528.64	-29.18	-25	PASS
LTE Band7	15	21100	75	#0	QPSK	25465.67	-28.83	-25	PASS
LTE Band7	15	21100	1	#0	QAM16	25505.92	-29.06	-25	PASS
LTE Band7	15	21100	75	#0	QAM16	25914.30	-29.30	-25	PASS
LTE Band7	15	21375	1	#0	QPSK	25974.68	-29.49	-25	PASS
LTE Band7	15	21375	75	#0	QPSK	25964.94	-29.12	-25	PASS
LTE Band7	15	21375	1	#0	QAM16	25988.31	-28.71	-25	PASS
LTE Band7	15	21375	75	#0	QAM16	25941.57	-28.51	-25	PASS
LTE Band7	20	20850	1	#0	QPSK	25991.56	-29.14	-25	PASS
LTE Band7	20	20850	100	#0	QPSK	25986.37	-28.82	-25	PASS
LTE Band7	20	20850	1	#0	QAM16	25988.96	-29.57	-25	PASS
LTE Band7	20	20850	100	#0	QAM16	25877.94	-29.11	-25	PASS
LTE Band7	20	21100	1	#0	QPSK	25985.07	-28.71	-25	PASS
LTE Band7	20	21100	100	#0	QPSK	25989.61	-28.48	-25	PASS
LTE Band7	20	21100	1	#0	QAM16	25719.52	-29.13	-25	PASS
LTE Band7	20	21100	100	#0	QAM16	25519.56	-29.31	-25	PASS
LTE Band7	20	21350	1	#0	QPSK	25929.88	-29.00	-25	PASS
LTE Band7	20	21350	100	#0	QPSK	25964.29	-28.50	-25	PASS
LTE Band7	20	21350	1	#0	QAM16	25978.57	-29.18	-25	PASS
LTE Band7	20	21350	100	#0	QAM16	25922.09	-29.05	-25	PASS

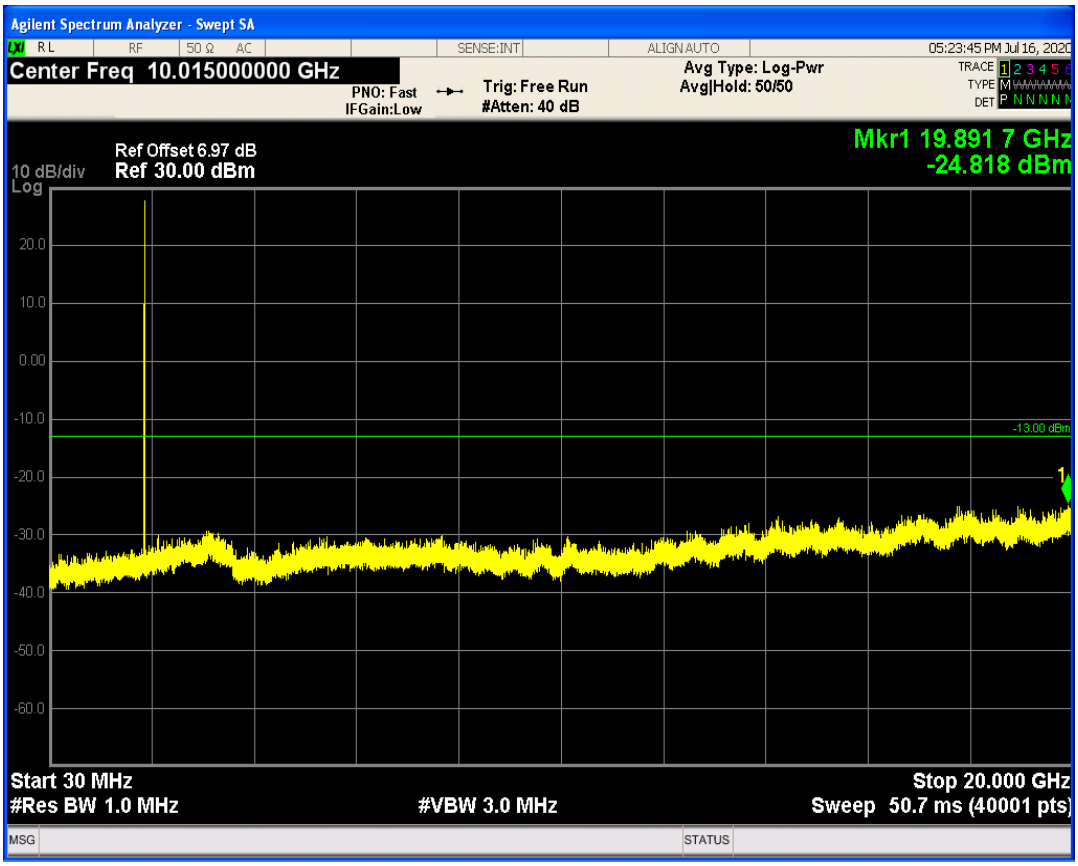
LTE Band2 QAM16 BW=1.4MHz Channel=18607 RB Size=1 Position=#0



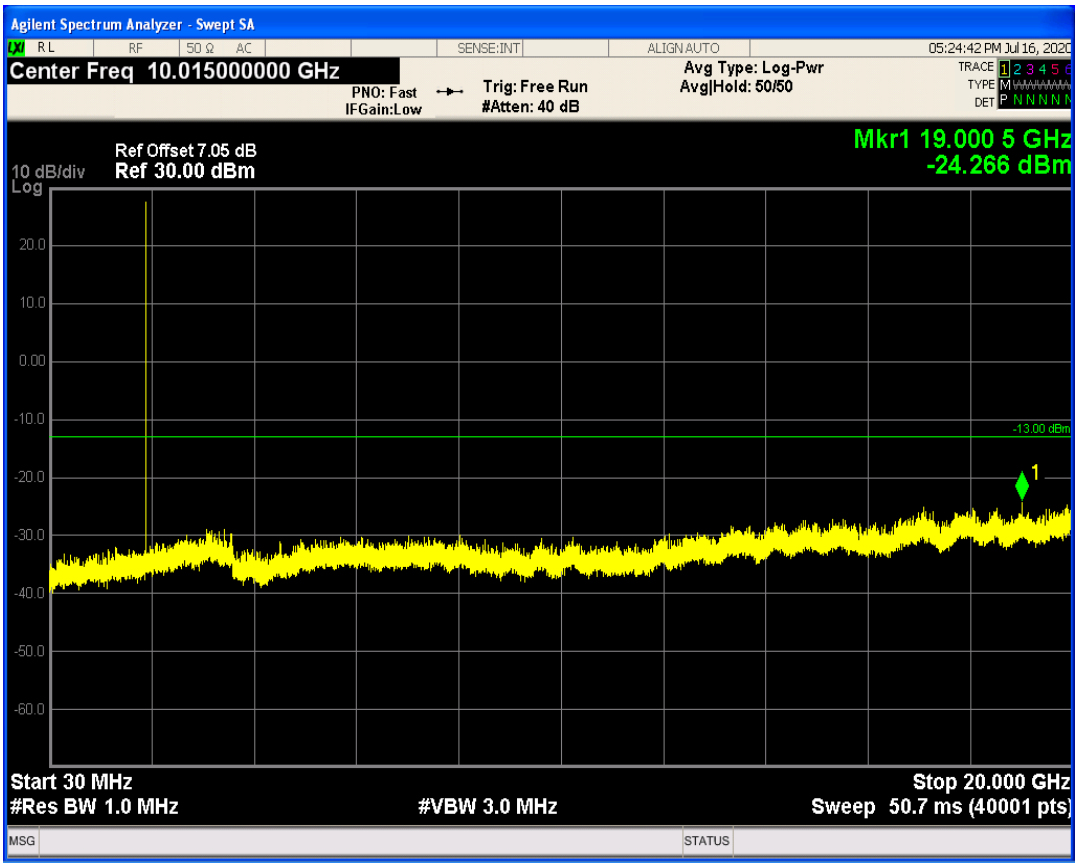
LTE Band2 QAM16 BW=1.4MHz Channel=18607 RB Size=6 Position=#0



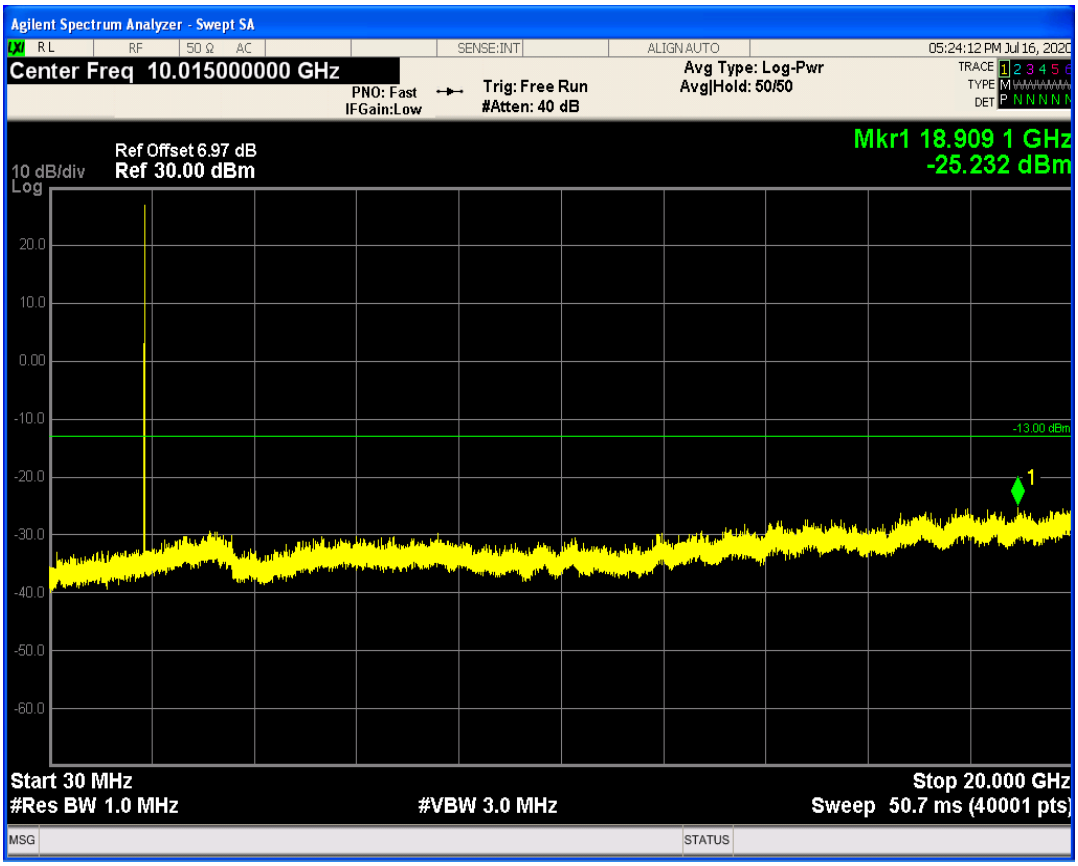
LTE Band2 QAM16 BW=1.4MHz Channel=18900 RB Size=1 Position=#0



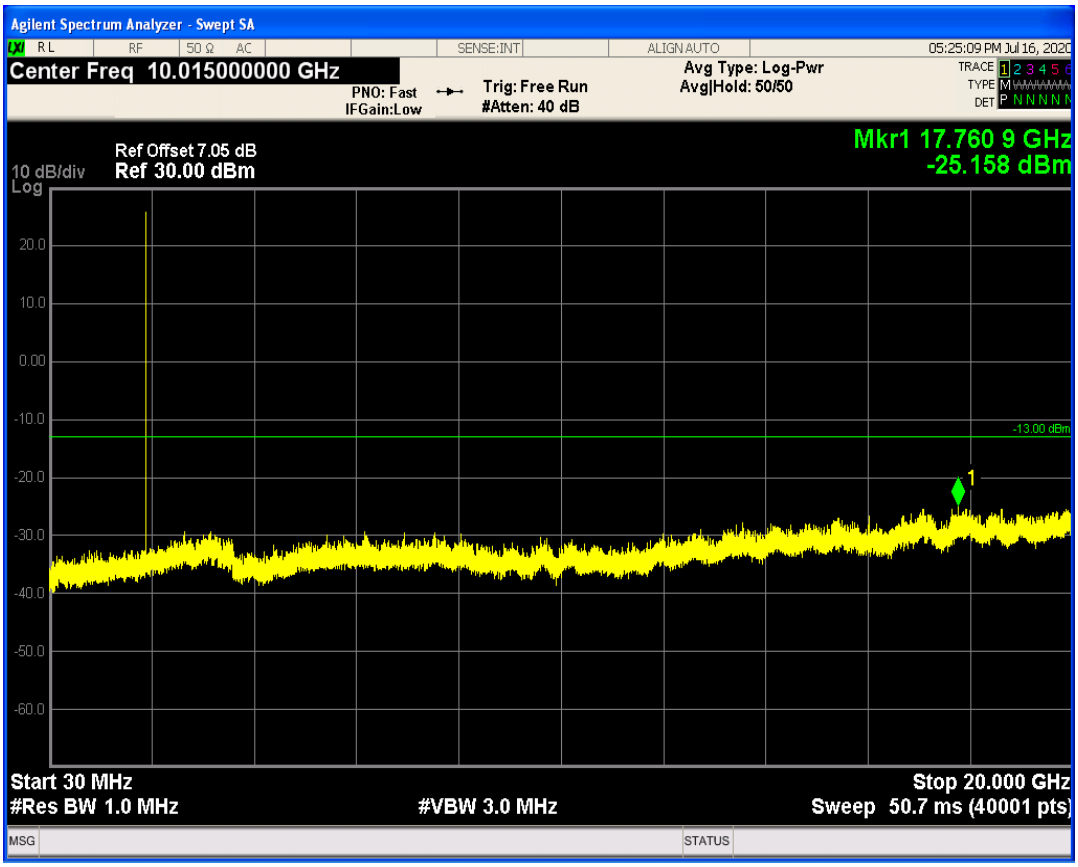
LTE Band2 QAM16 BW=1.4MHz Channel=19193 RB Size=1 Position=#0



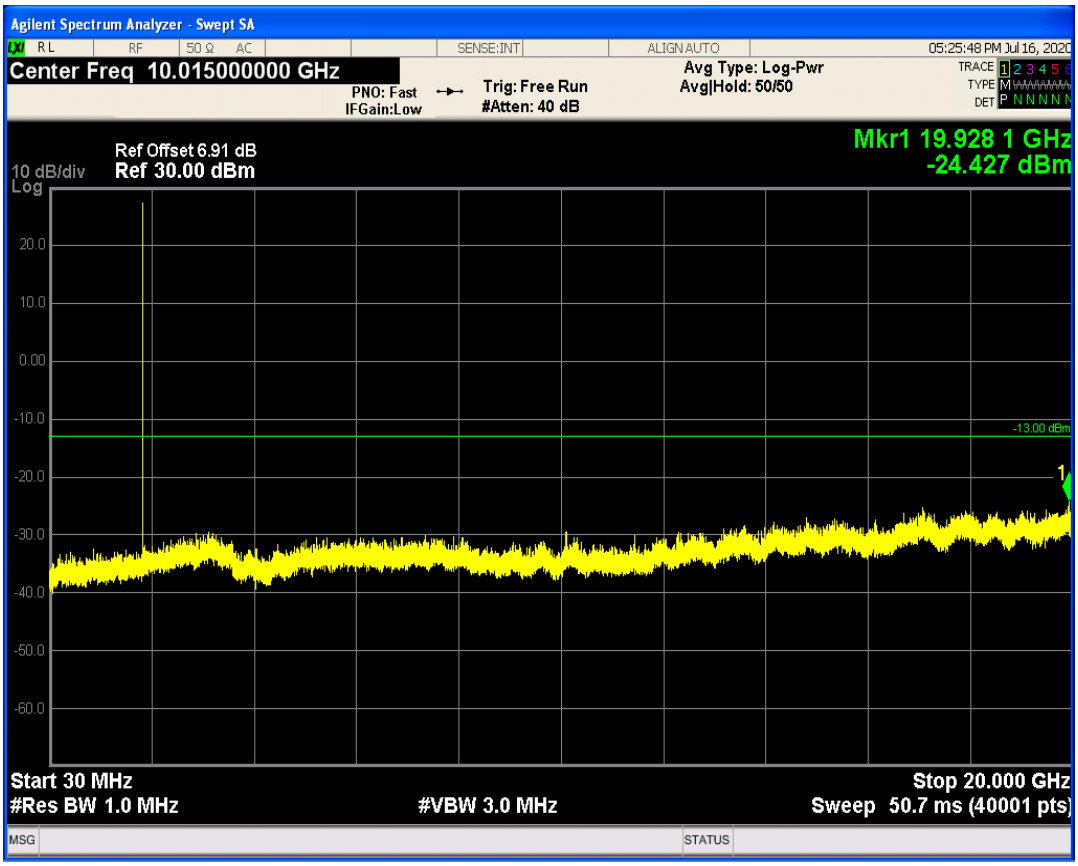
LTE Band2 QAM16 BW=1.4MHz Channel=18900 RB Size=6 Position=#0



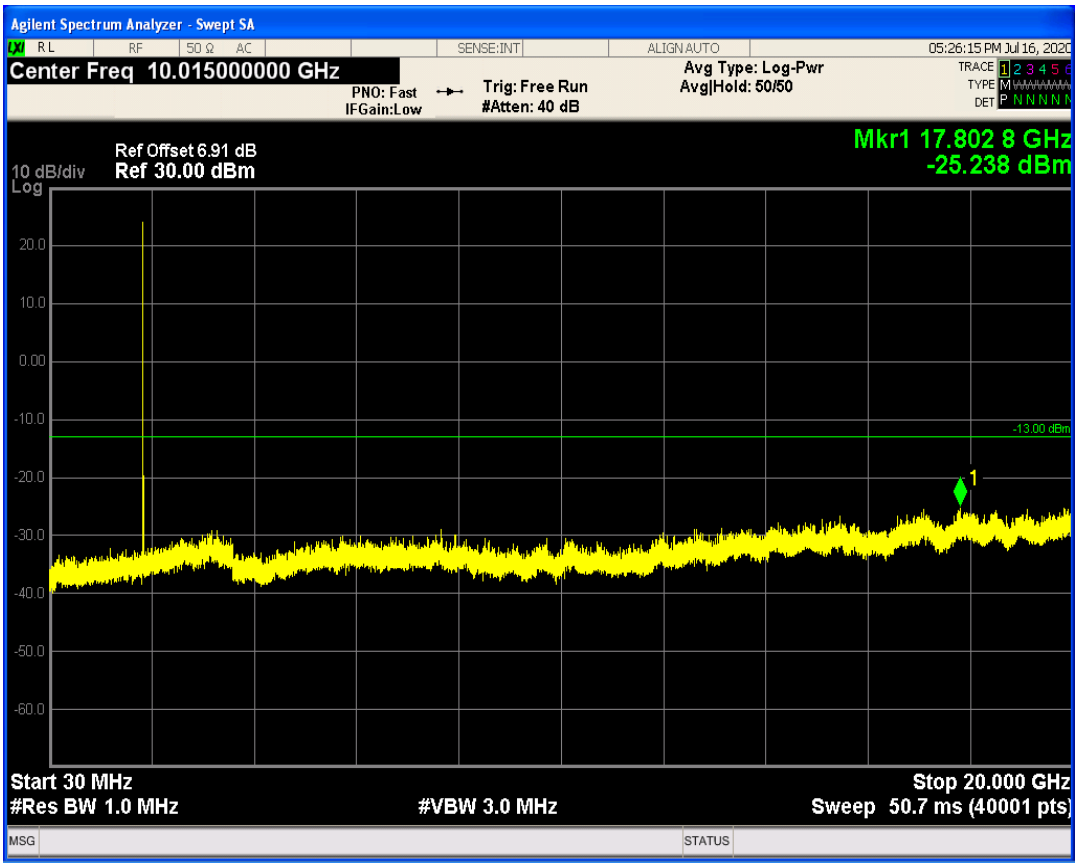
LTE Band2 QAM16 BW=1.4MHz Channel=19193 RB Size=6 Position=#0



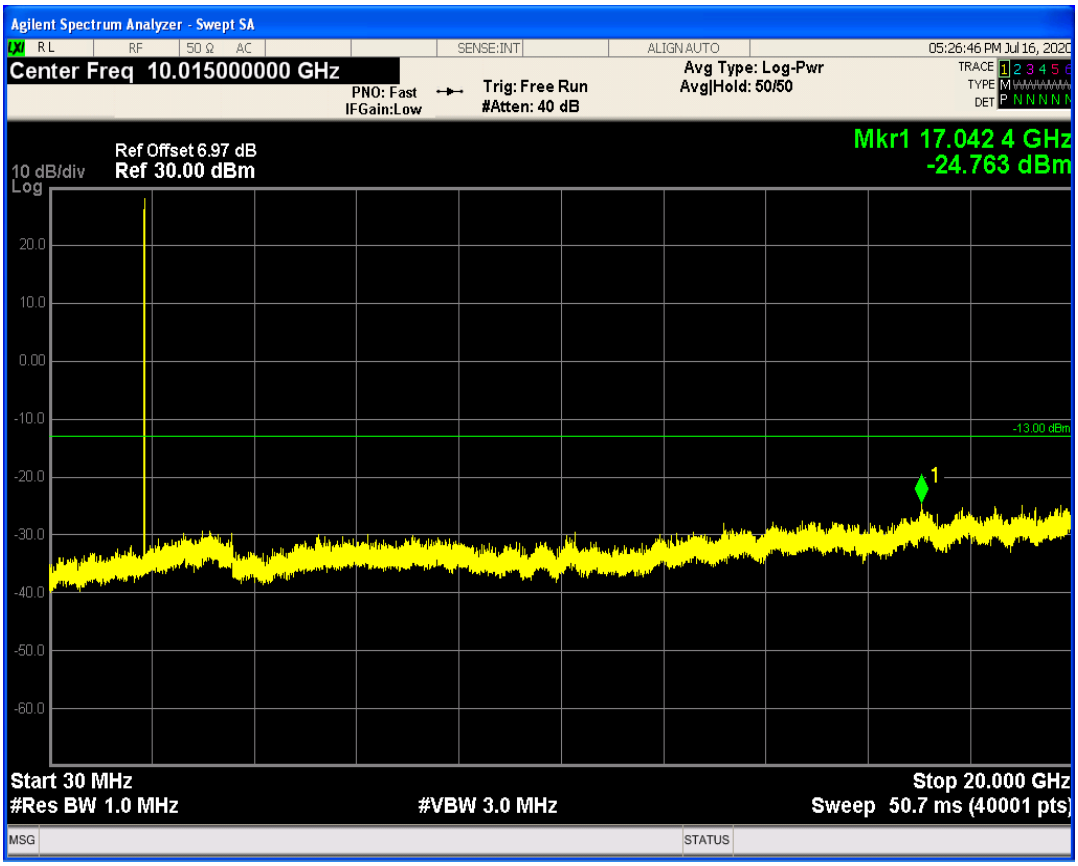
LTE Band2 QAM16 BW=3MHz Channel=18615 RB Size=1 Position=#0



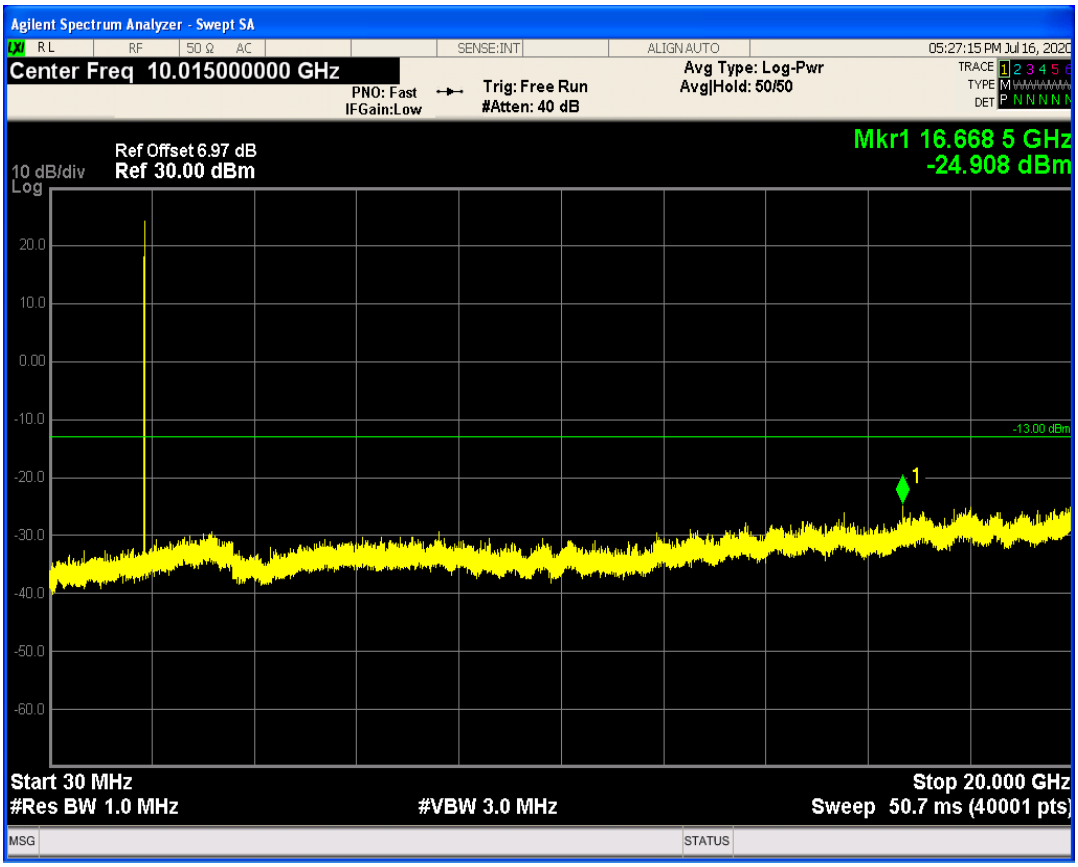
LTE Band2 QAM16 BW=3MHz Channel=18615 RB Size=15 Position=#0



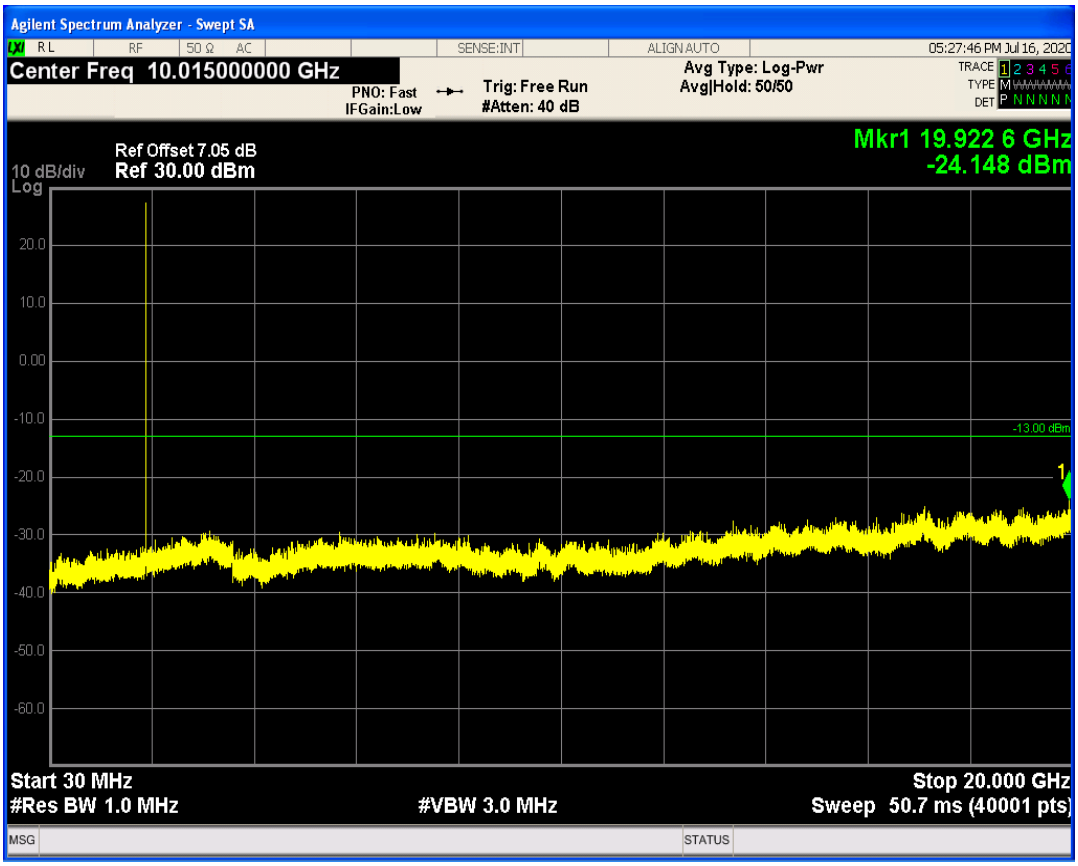
LTE Band2 QAM16 BW=3MHz Channel=18900 RB Size=1 Position=#0



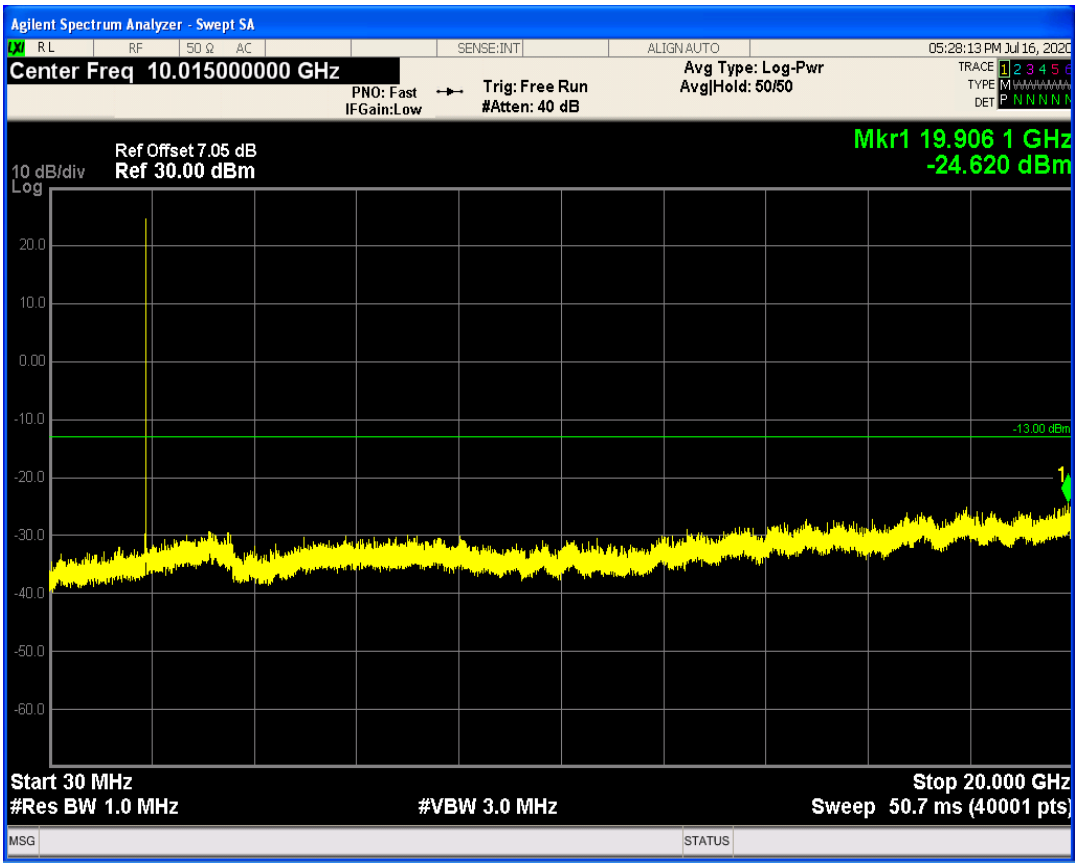
LTE Band2 QAM16 BW=3MHz Channel=18900 RB Size=15 Position=#0



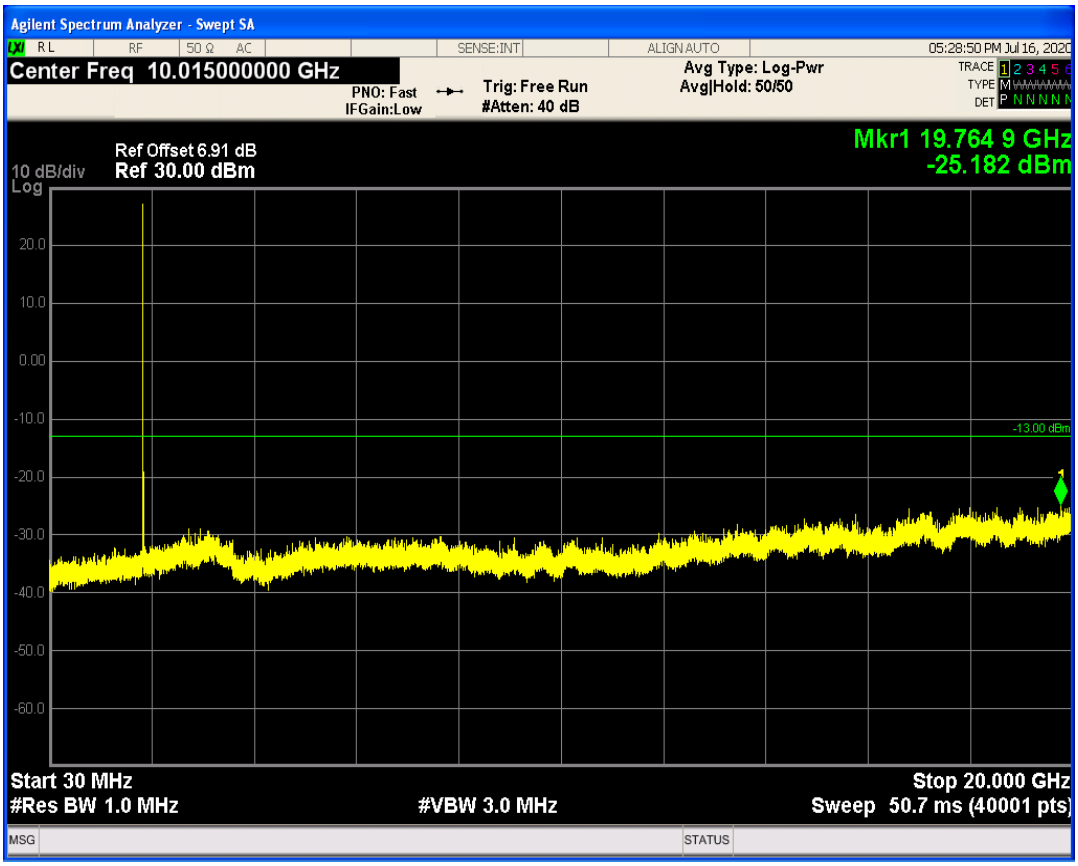
LTE Band2 QAM16 BW=3MHz Channel=19185 RB Size=1 Position=#0



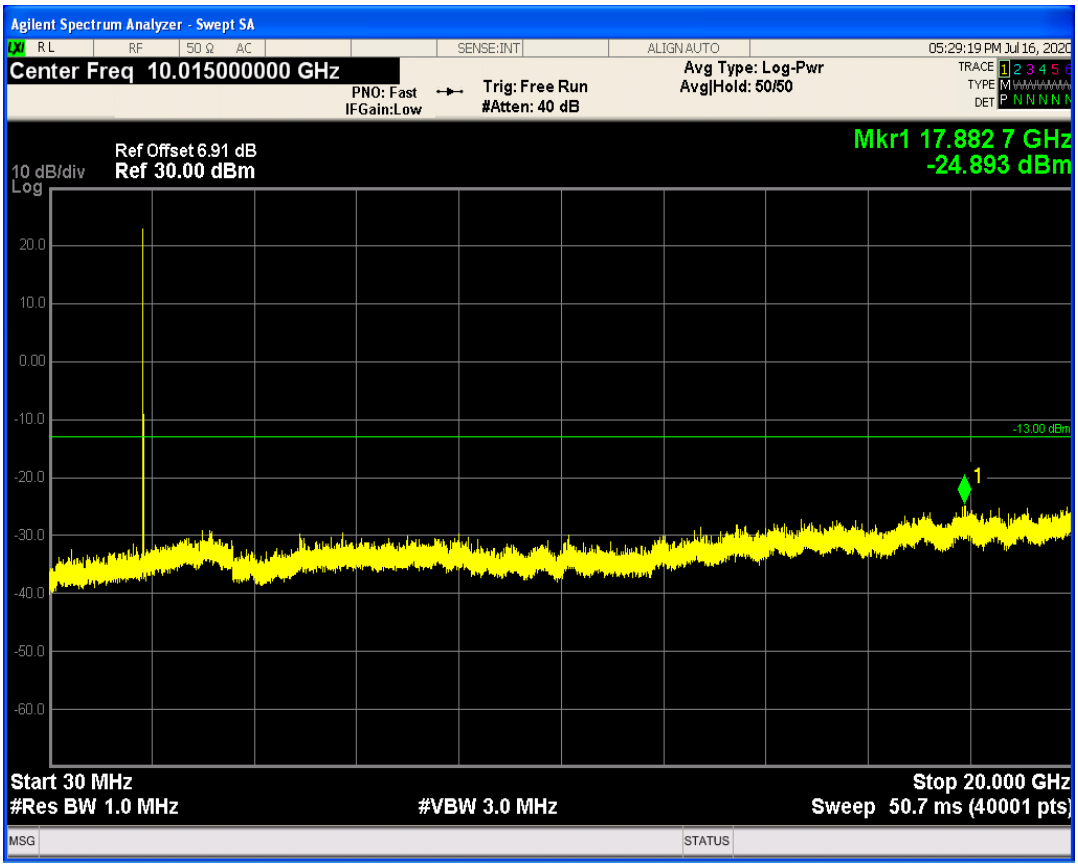
LTE Band2 QAM16 BW=3MHz Channel=19185 RB Size=15 Position=#0



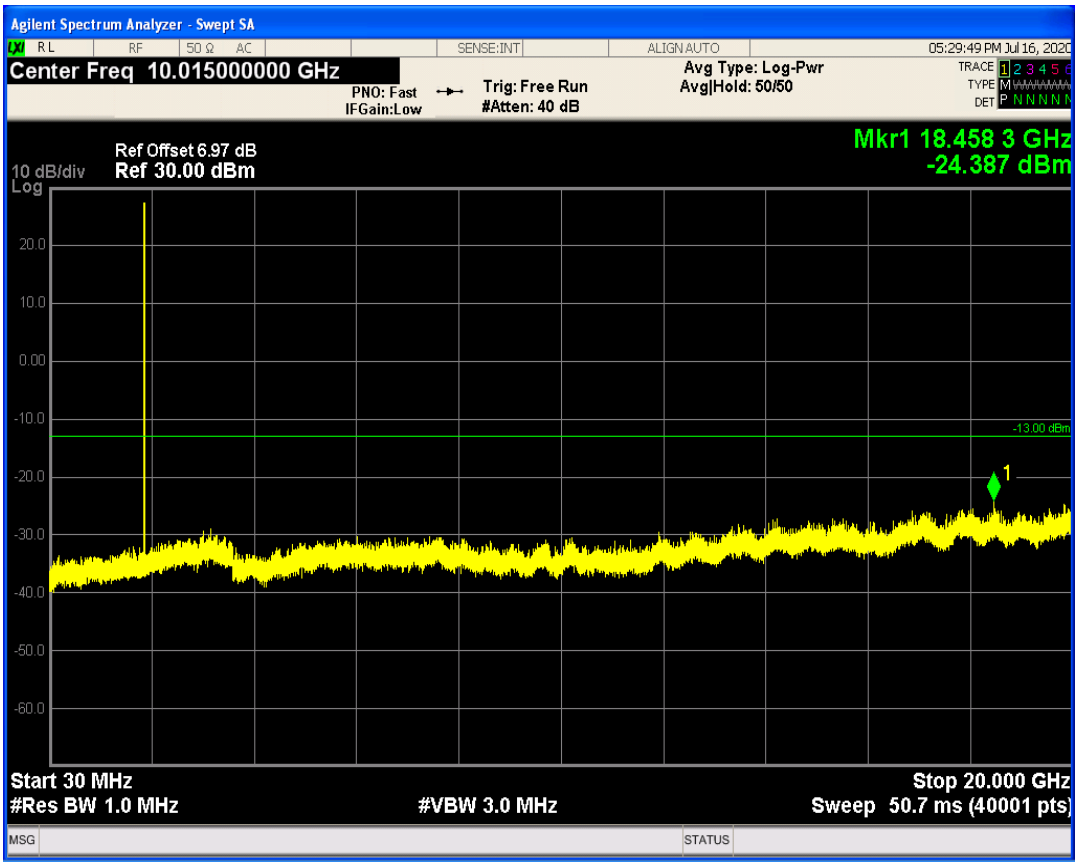
LTE Band2 QAM16 BW=5MHz Channel=18625 RB Size=1 Position=#0



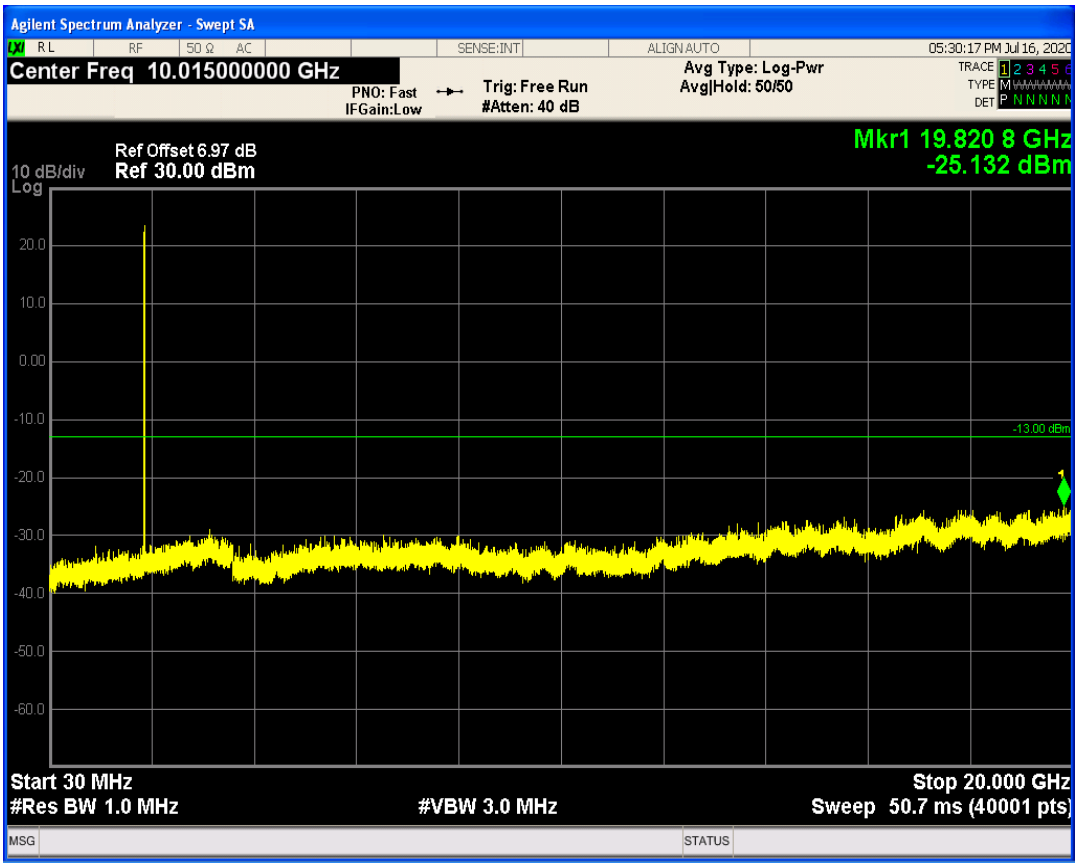
LTE Band2 QAM16 BW=5MHz Channel=18625 RB Size=25 Position=#0



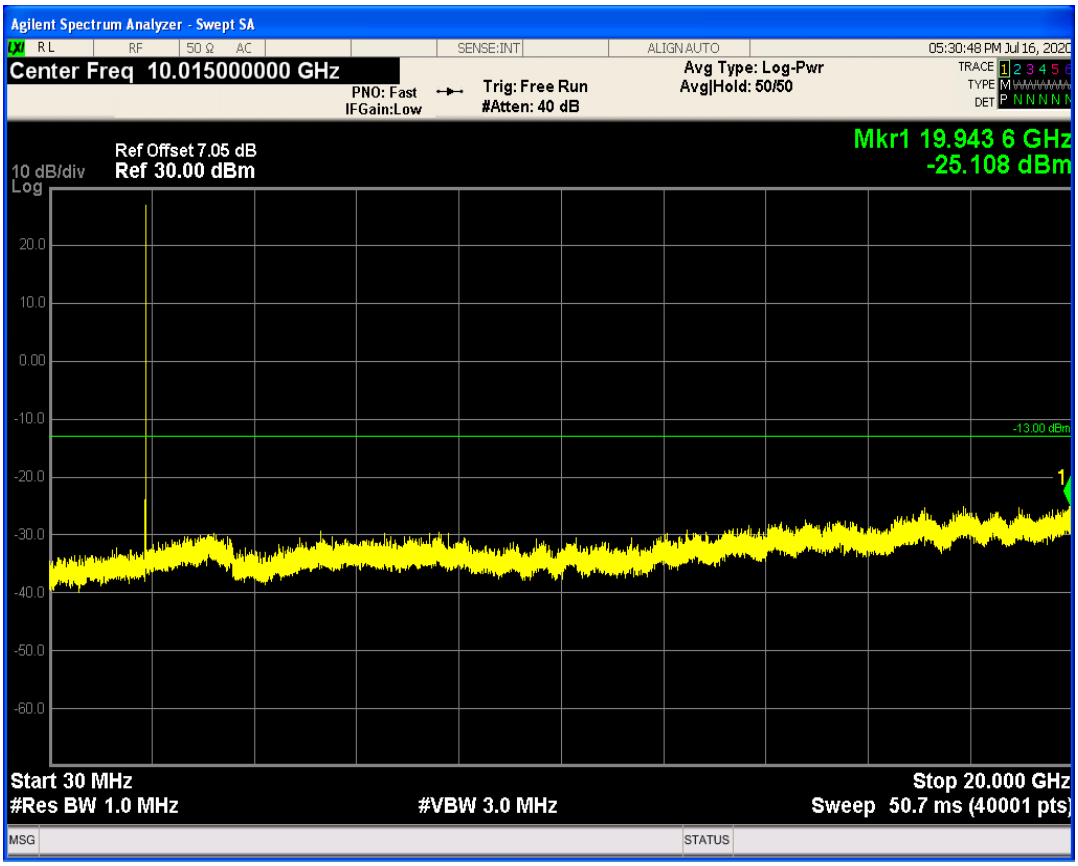
LTE Band2 QAM16 BW=5MHz Channel=18900 RB Size=1 Position=#0



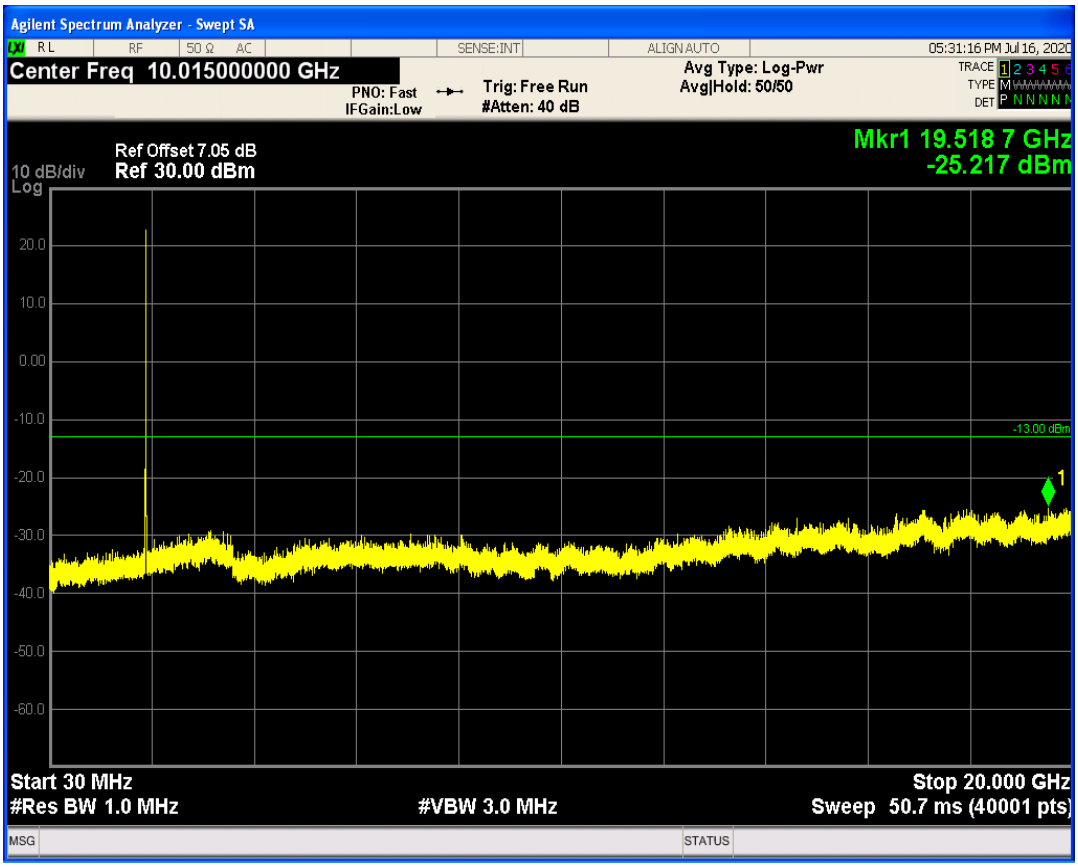
LTE Band2 QAM16 BW=5MHz Channel=18900 RB Size=25 Position=#0



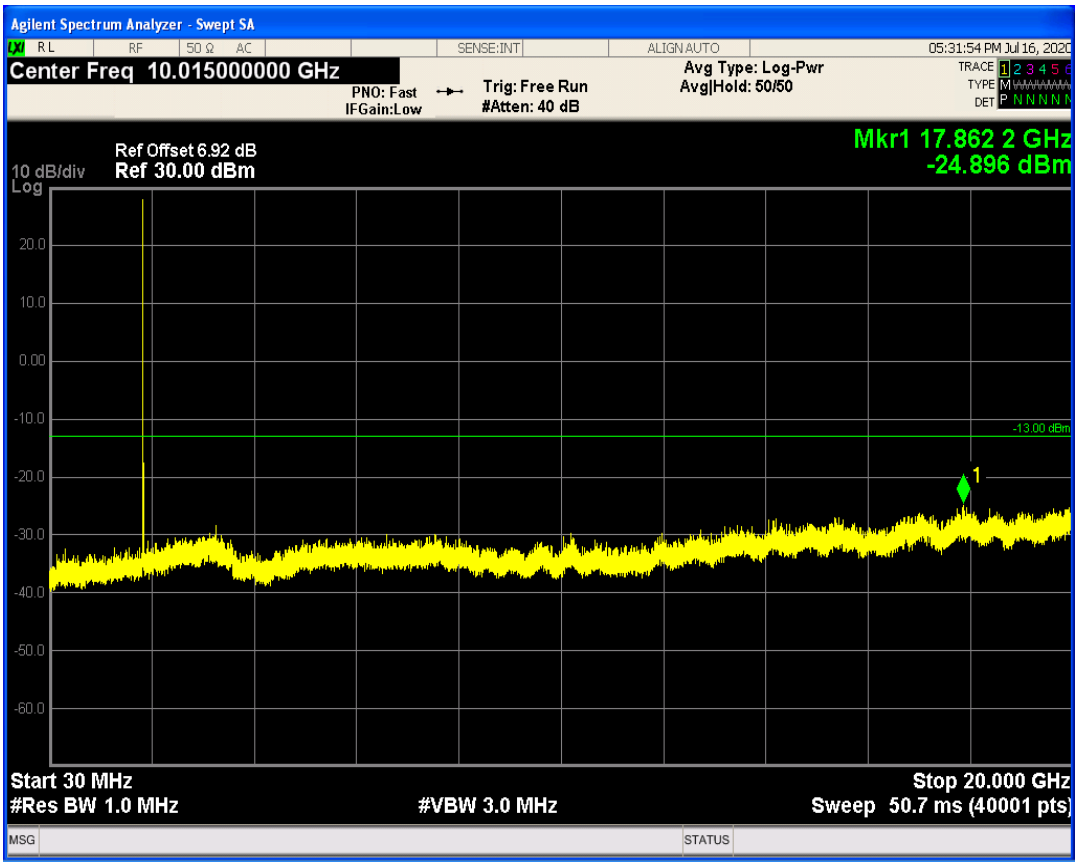
LTE Band2 QAM16 BW=5MHz Channel=19175 RB Size=1 Position=#0



LTE Band2 QAM16 BW=5MHz Channel=19175 RB Size=25 Position=#0



LTE Band2 QAM16 BW=10MHz Channel=18650 RB Size=1 Position=#0



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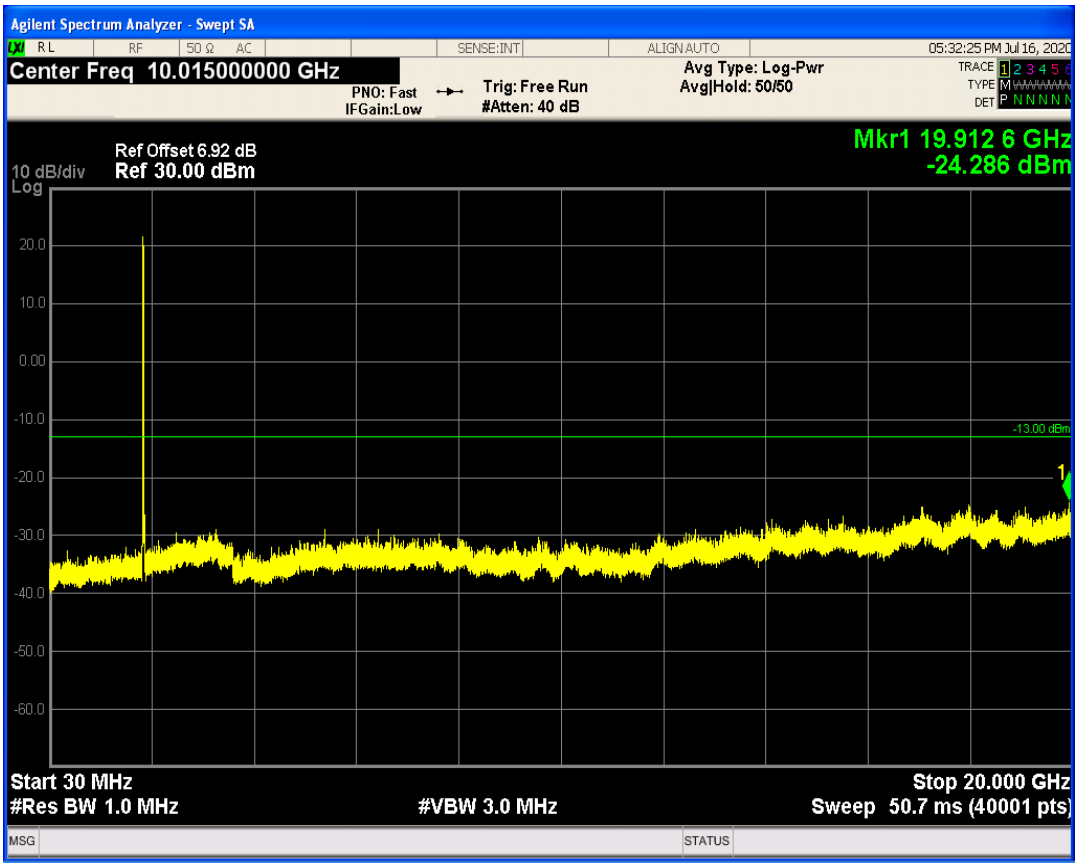
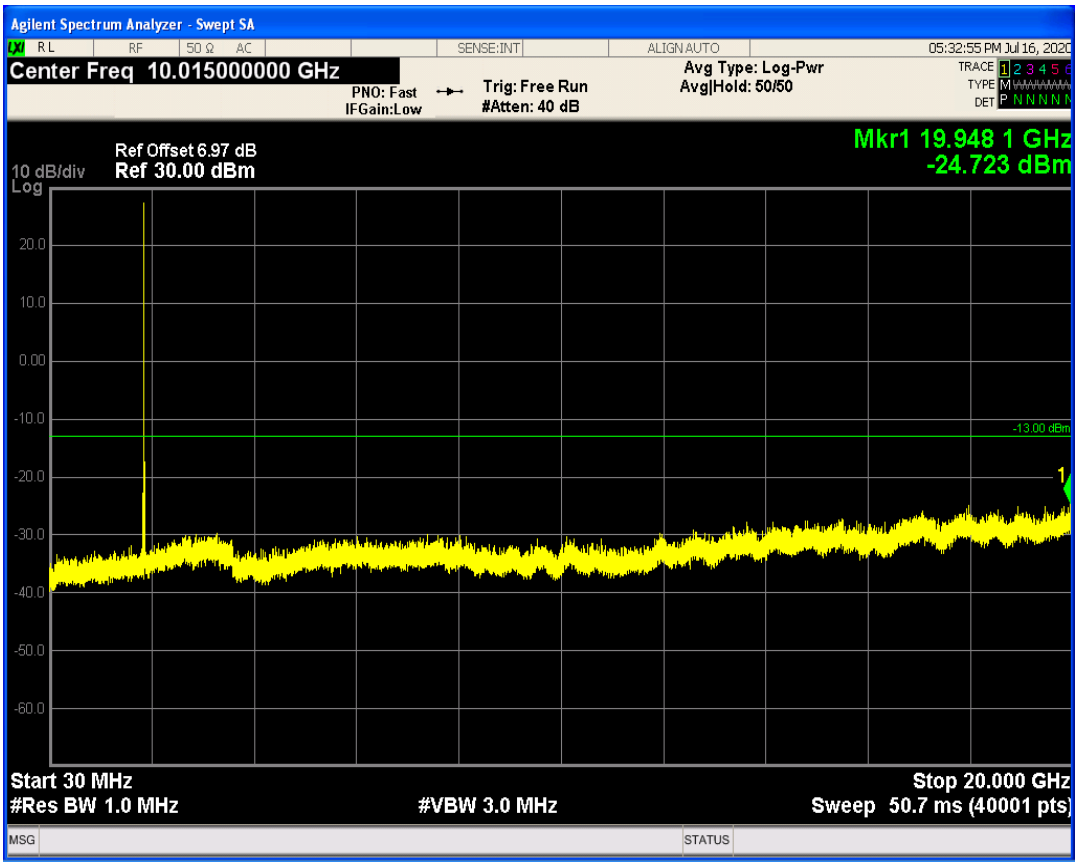
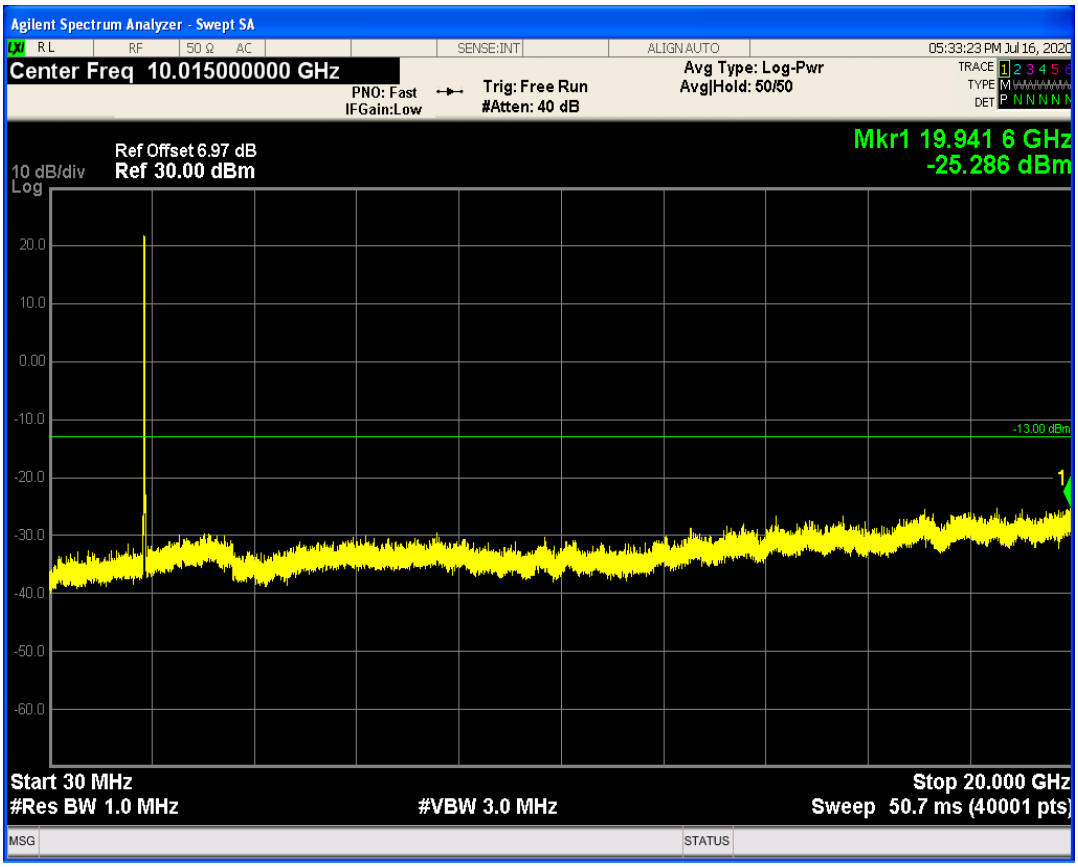


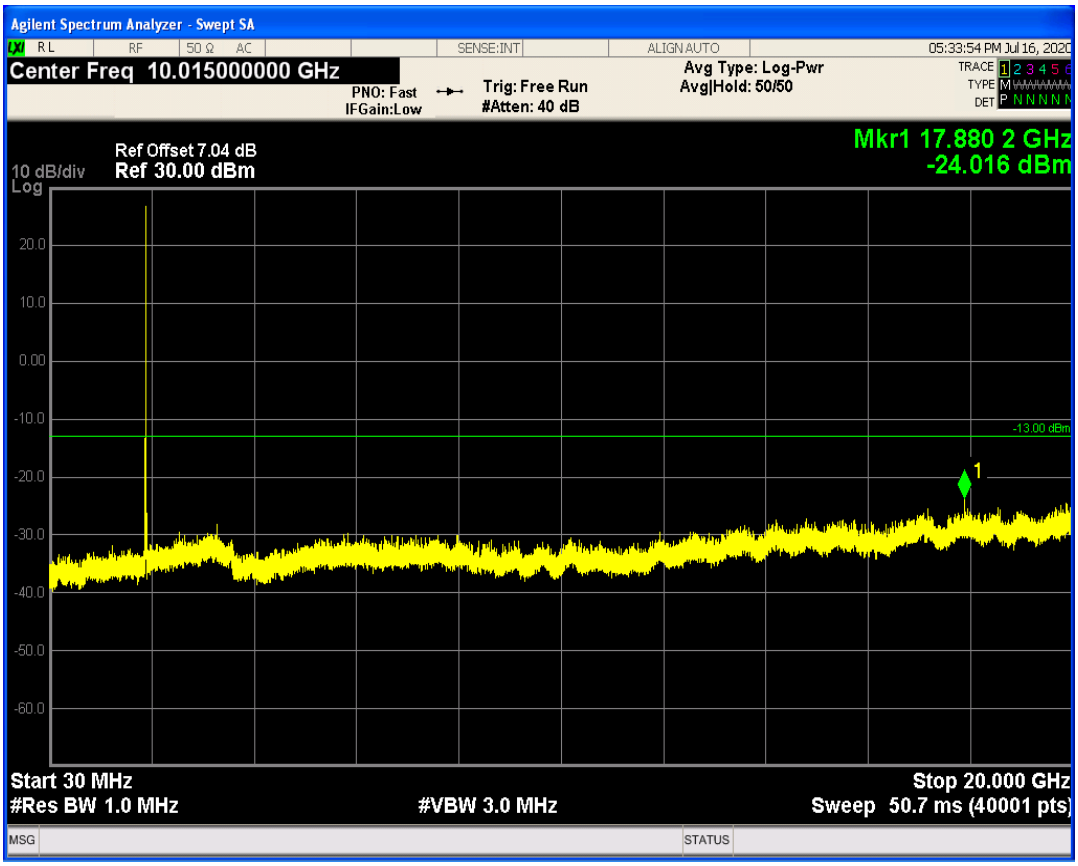
LTE Band2 QAM16 BW=10MHz Channel=18900 RB Size=1 Position=#0



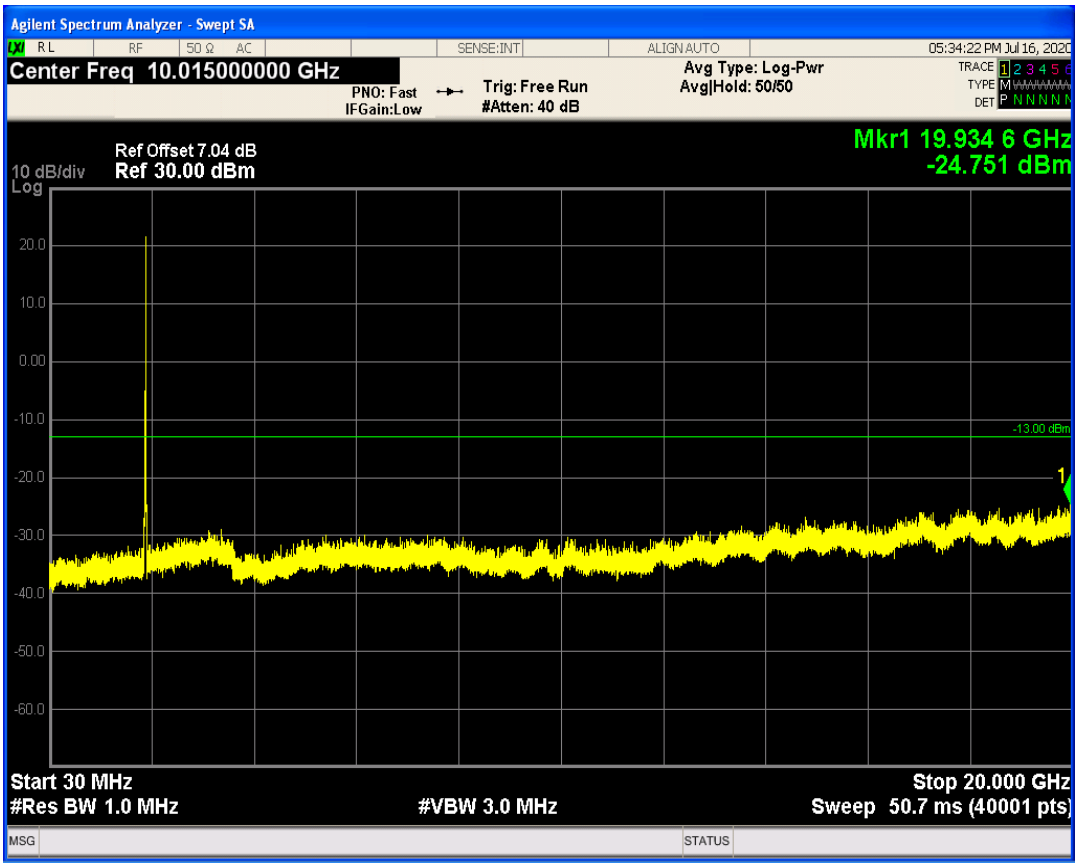
LTE Band2 QAM16 BW=10MHz Channel=18900 RB Size=50 Position=#0



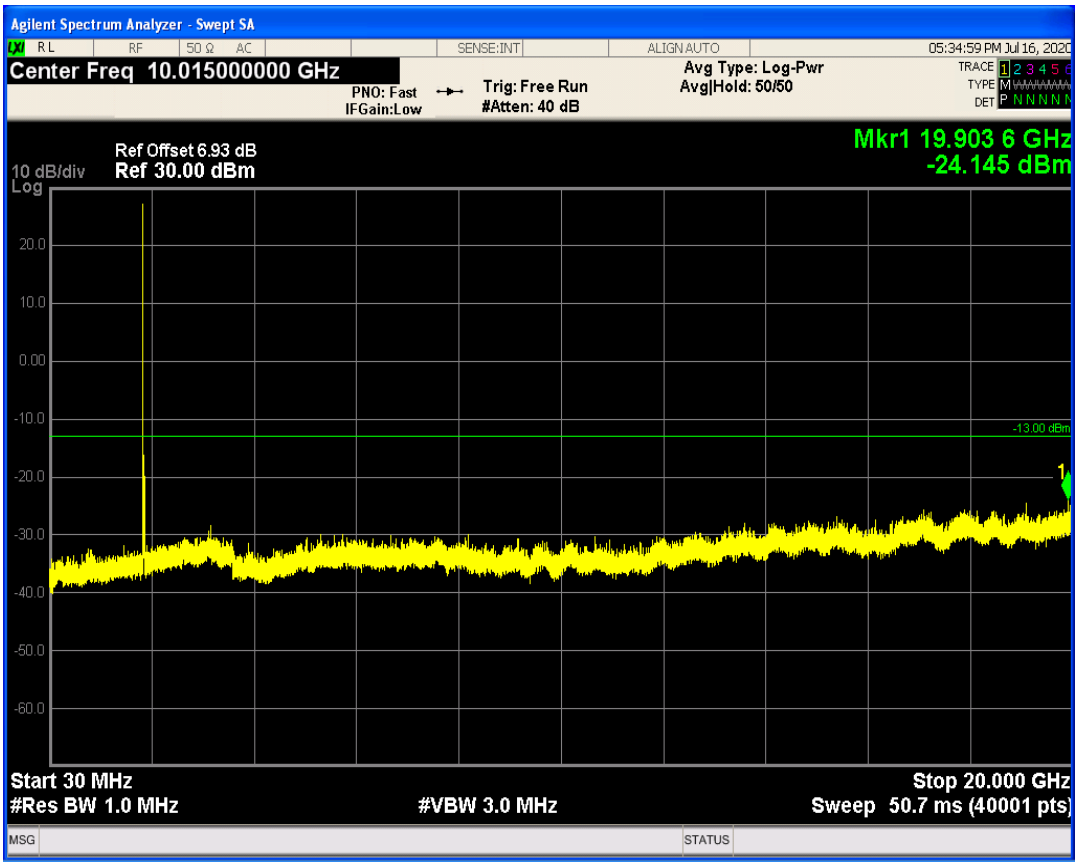
LTE Band2 QAM16 BW=10MHz Channel=19150 RB Size=1 Position=#0



LTE Band2 QAM16 BW=10MHz Channel=19150 RB Size=50 Position=#0



LTE Band2 QAM16 BW=15MHz Channel=18675 RB Size=1 Position=#0



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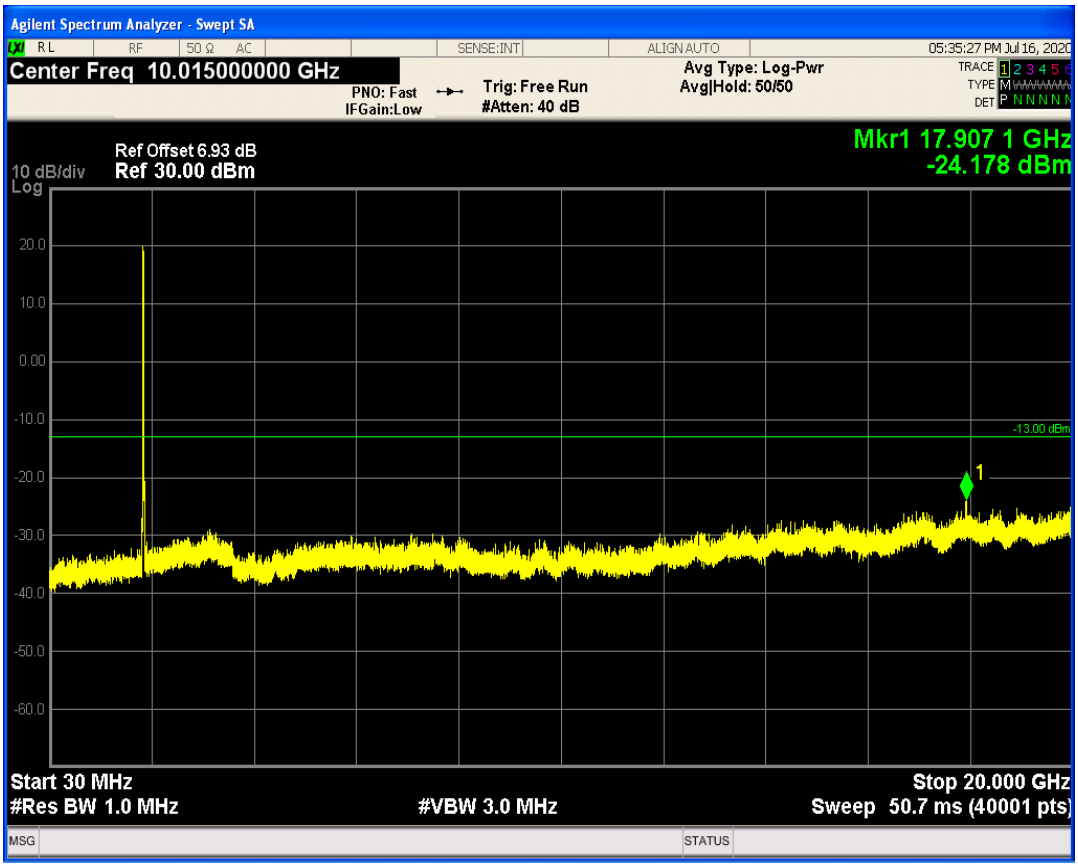
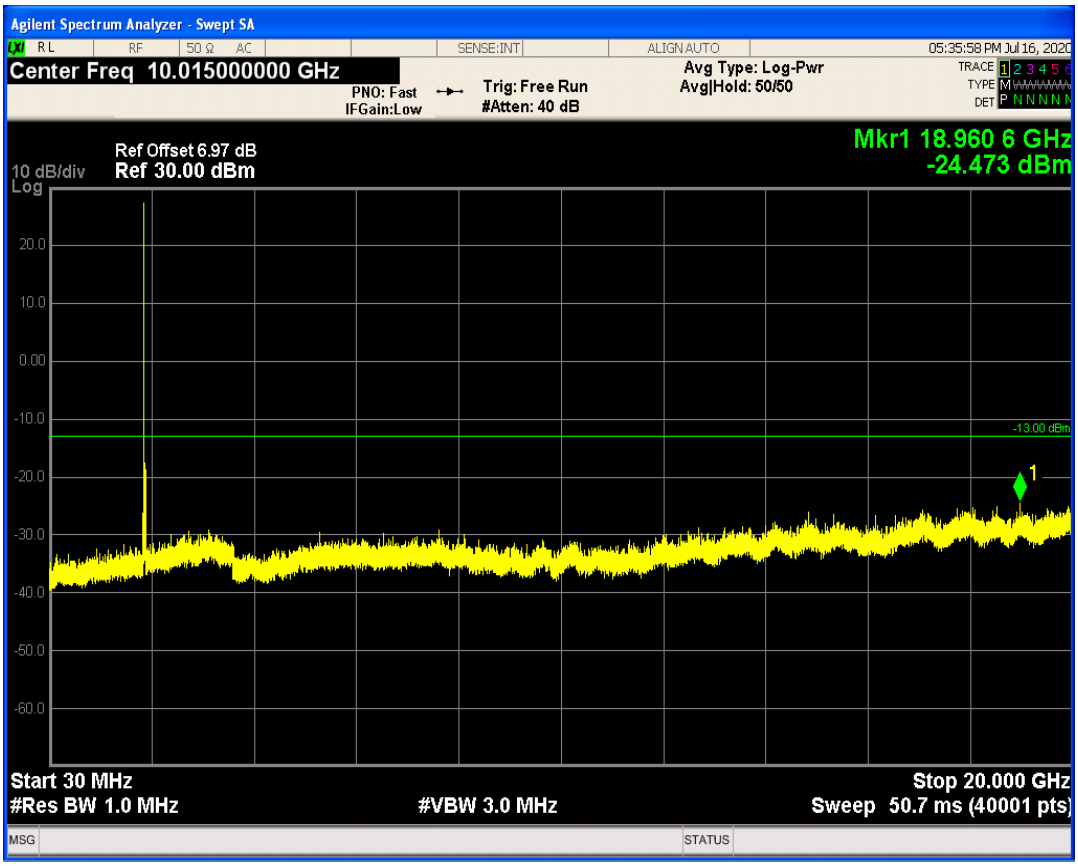
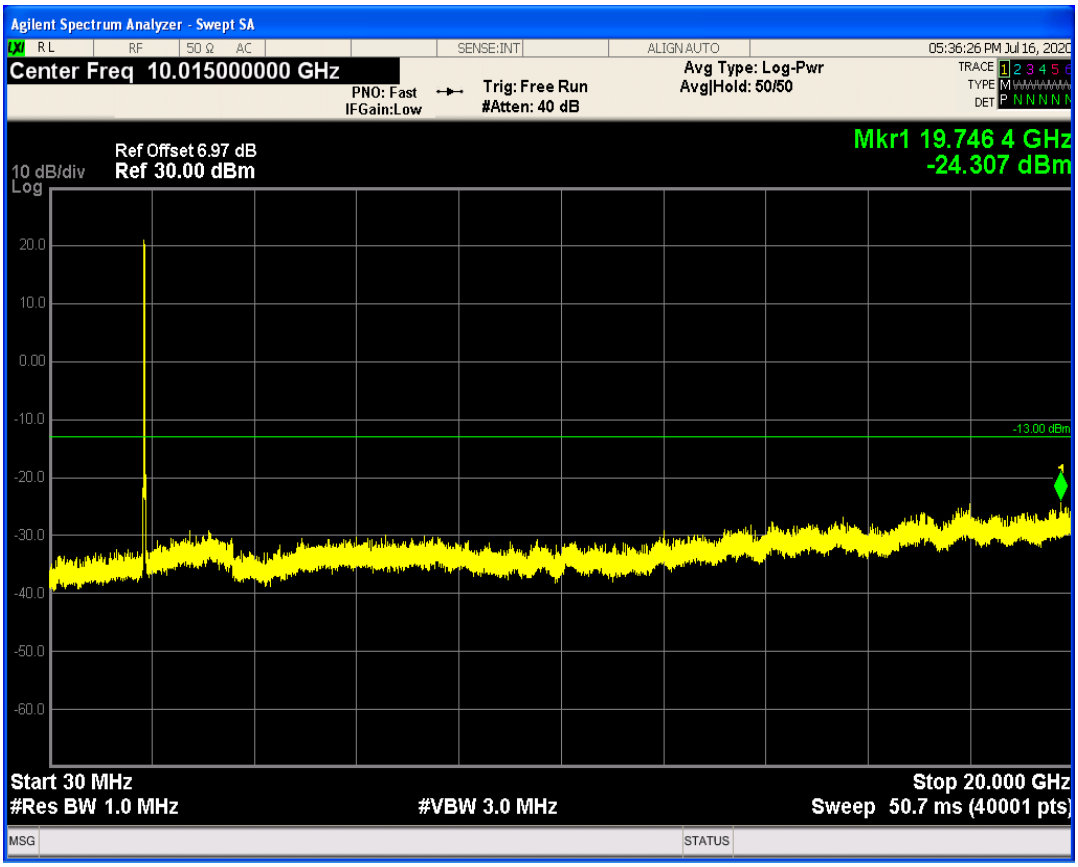


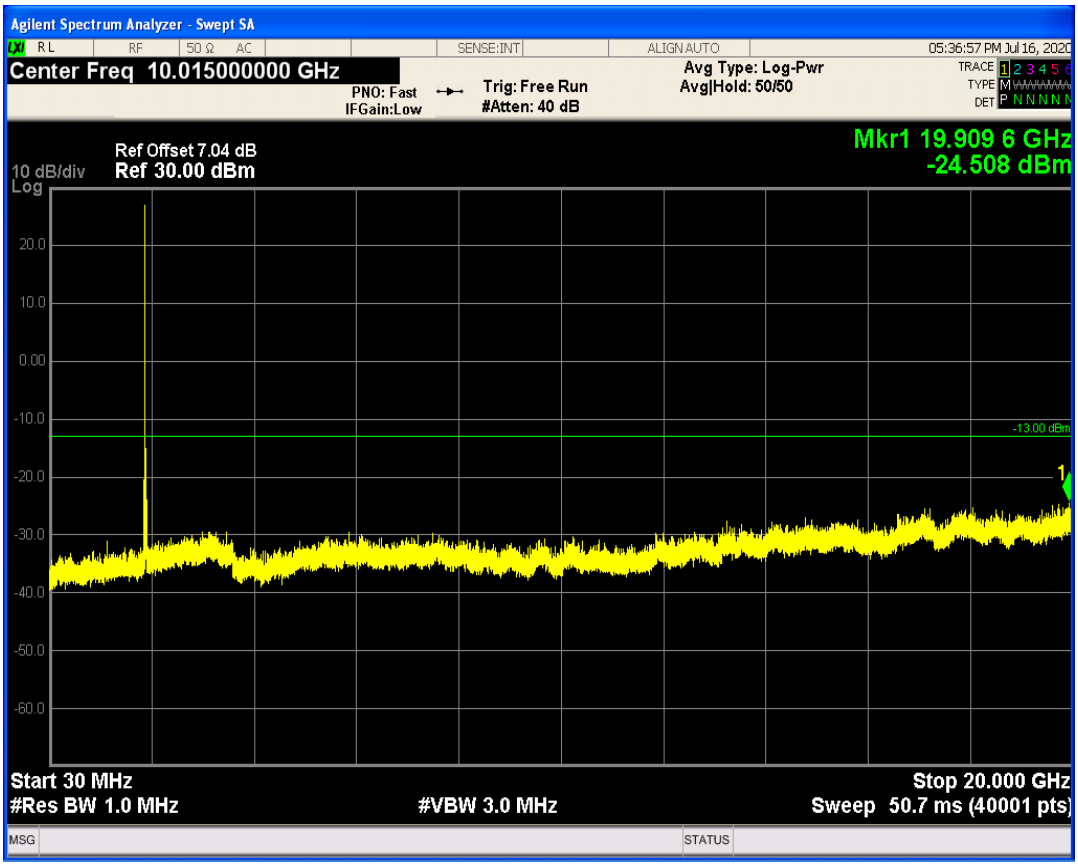
LTE Band2 QAM16 BW=15MHz Channel=18900 RB Size=1 Position=#0



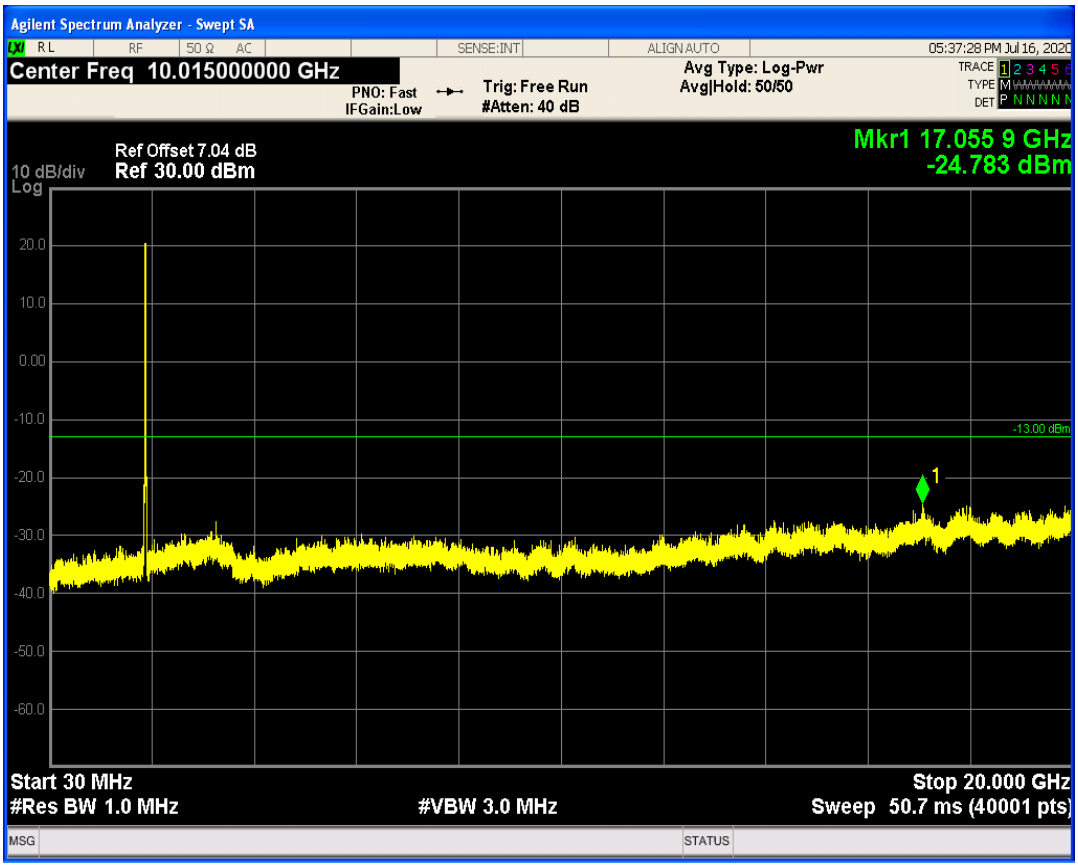
LTE Band2 QAM16 BW=15MHz Channel=18900 RB Size=75 Position=#0



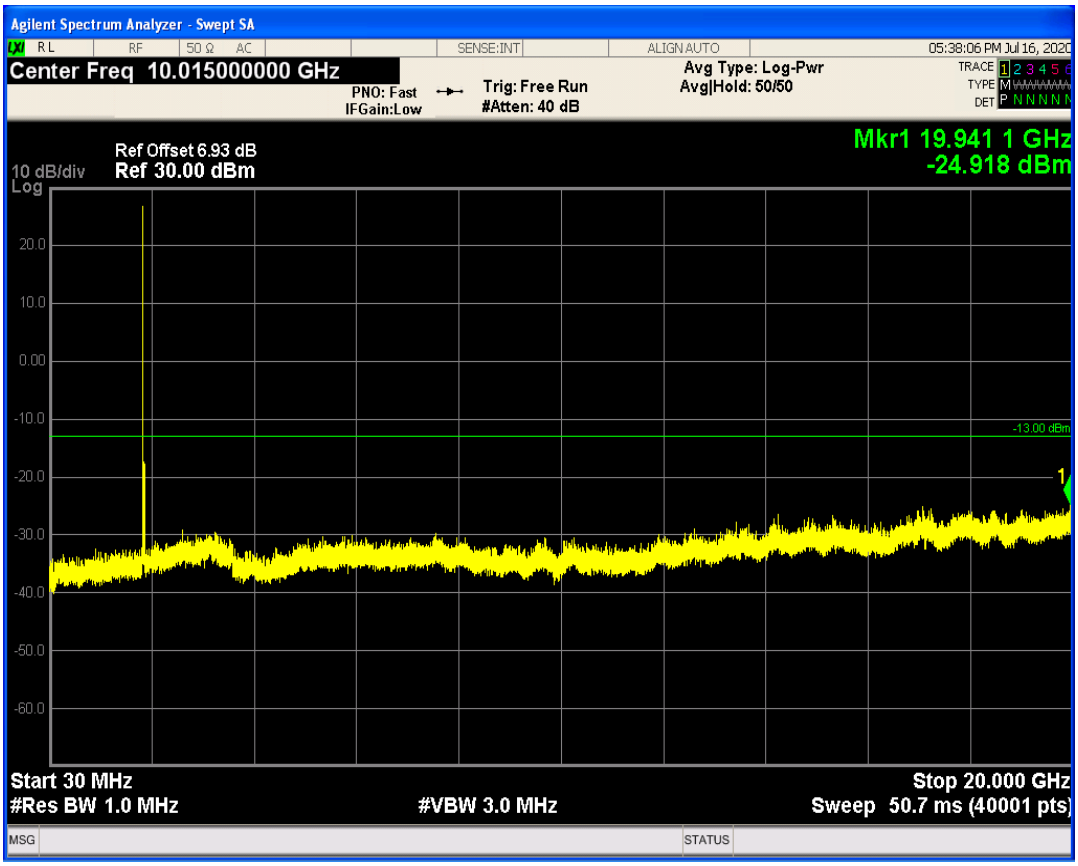
LTE Band2 QAM16 BW=15MHz Channel=19125 RB Size=1 Position=#0



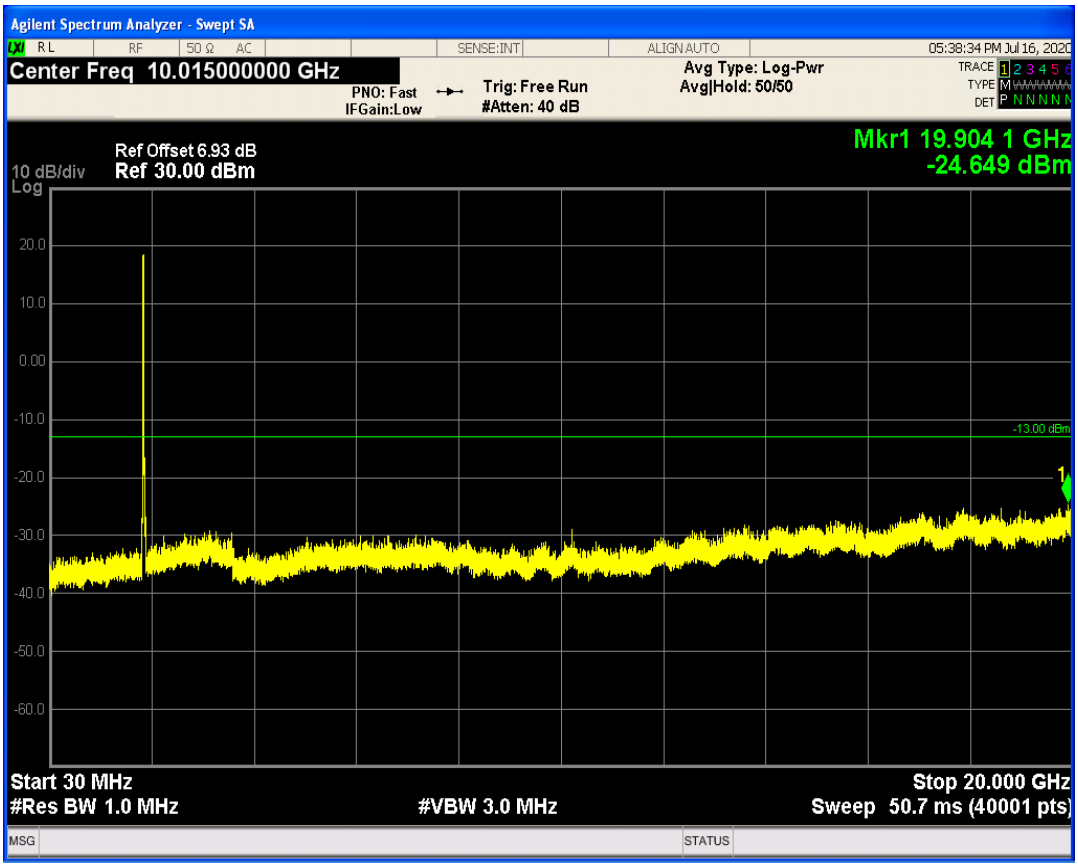
LTE Band2 QAM16 BW=15MHz Channel=19125 RB Size=75 Position=#0



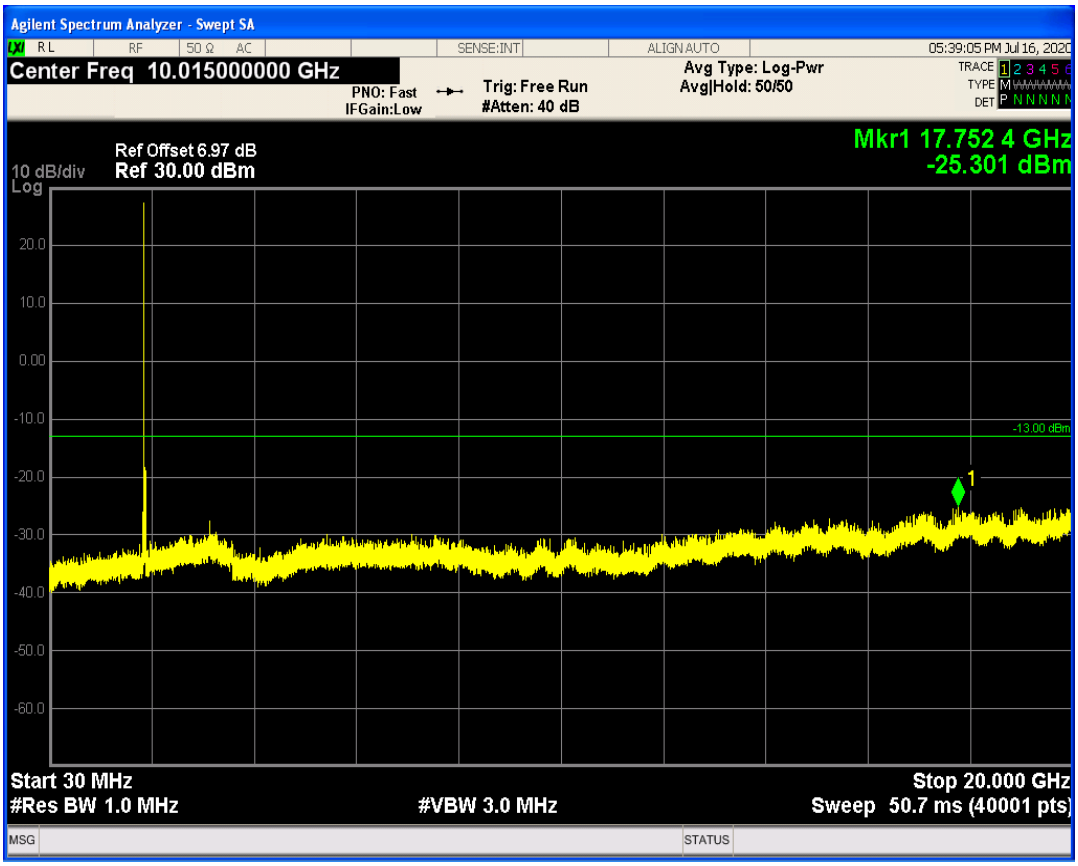
LTE Band2 QAM16 BW=20MHz Channel=18700 RB Size=1 Position=#0



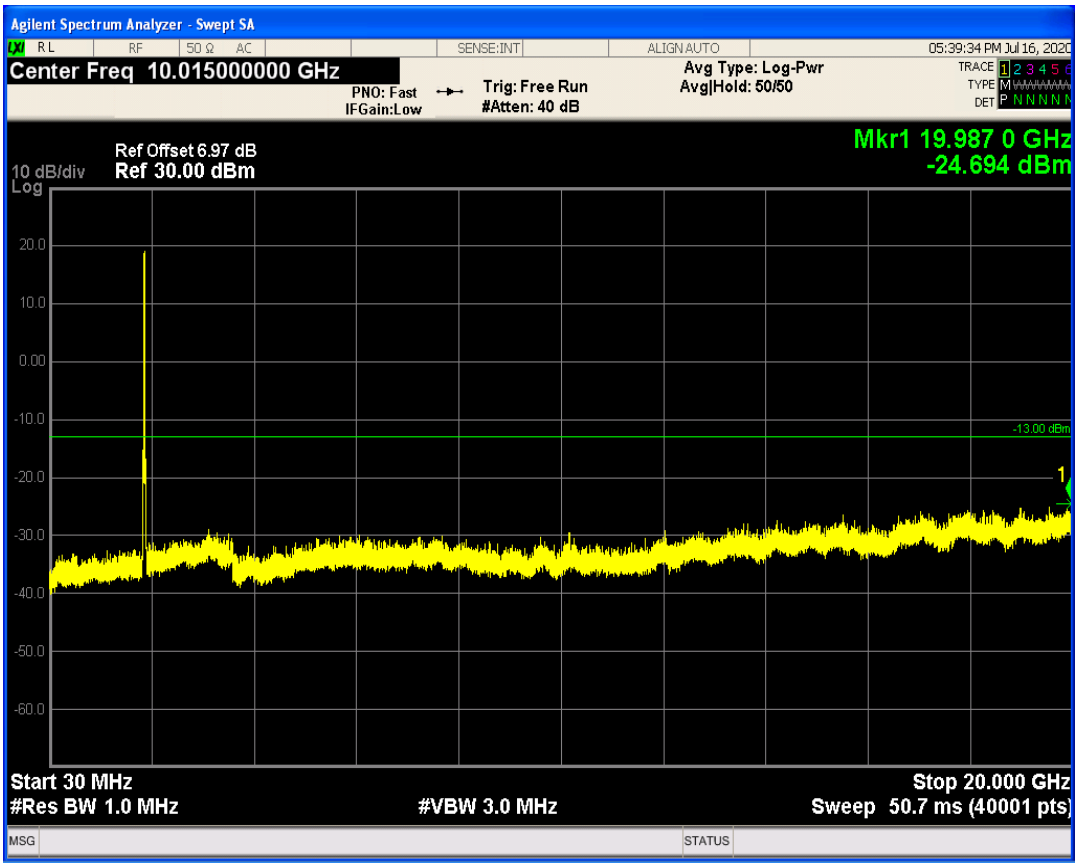
LTE Band2 QAM16 BW=20MHz Channel=18700 RB Size=100 Position=#0



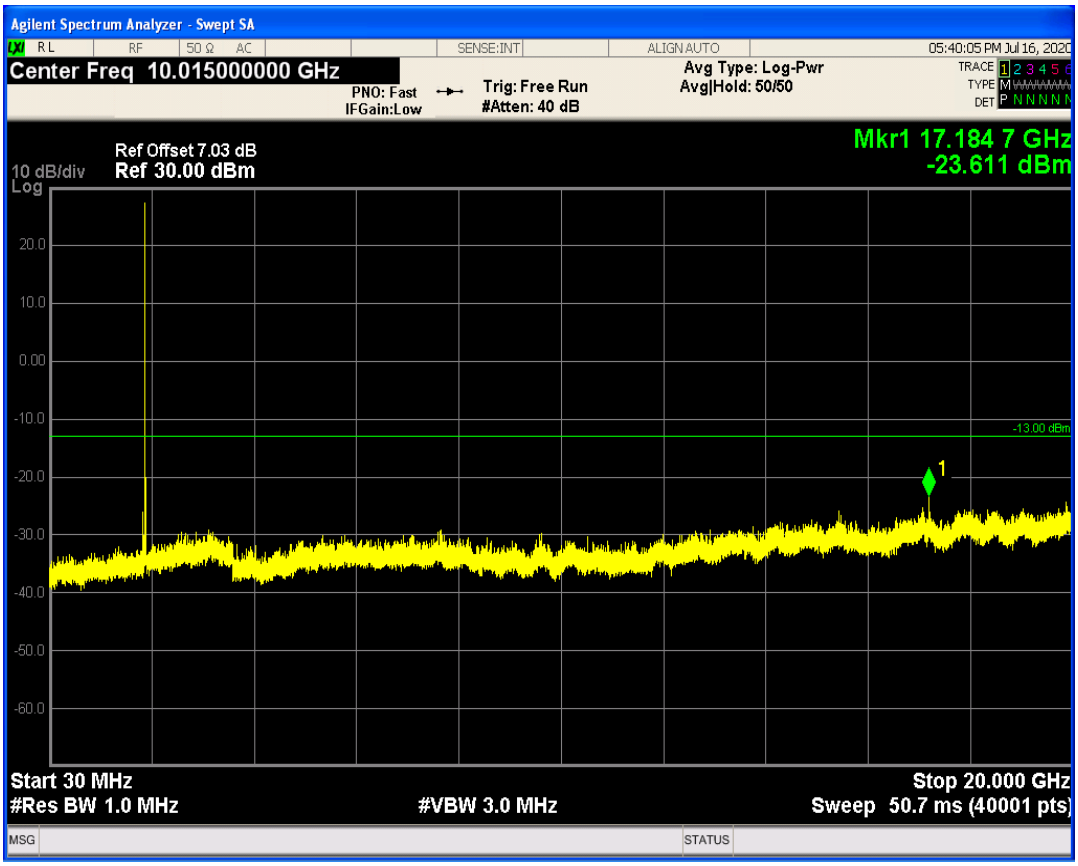
LTE Band2 QAM16 BW=20MHz Channel=18900 RB Size=1 Position=#0



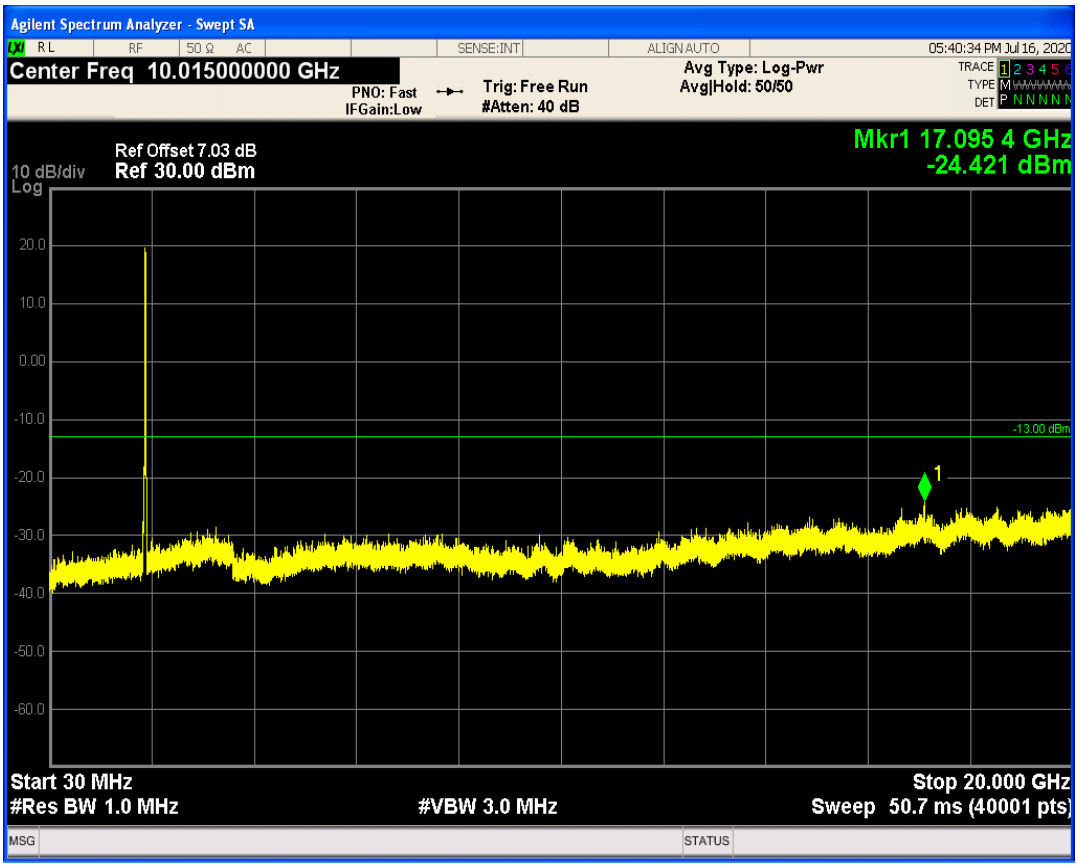
LTE Band2 QAM16 BW=20MHz Channel=18900 RB Size=100 Position=#0



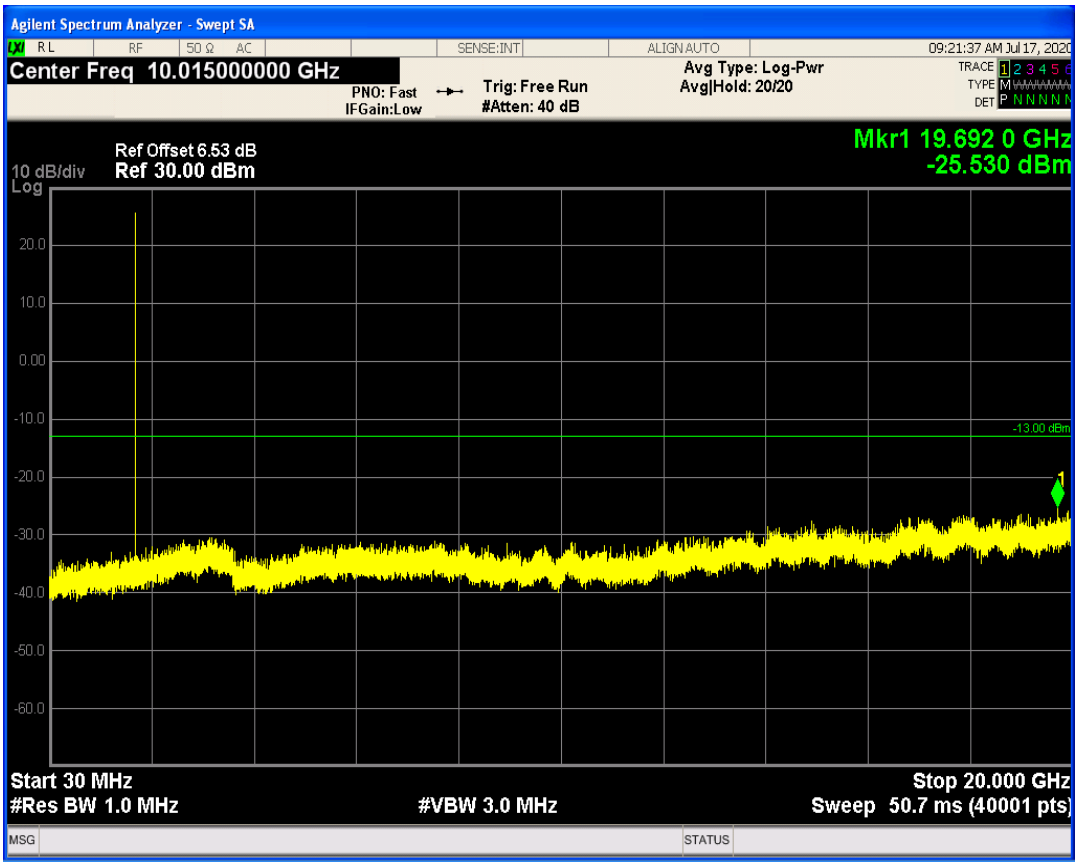
LTE Band2 QAM16 BW=20MHz Channel=19100 RB Size=1 Position=#0



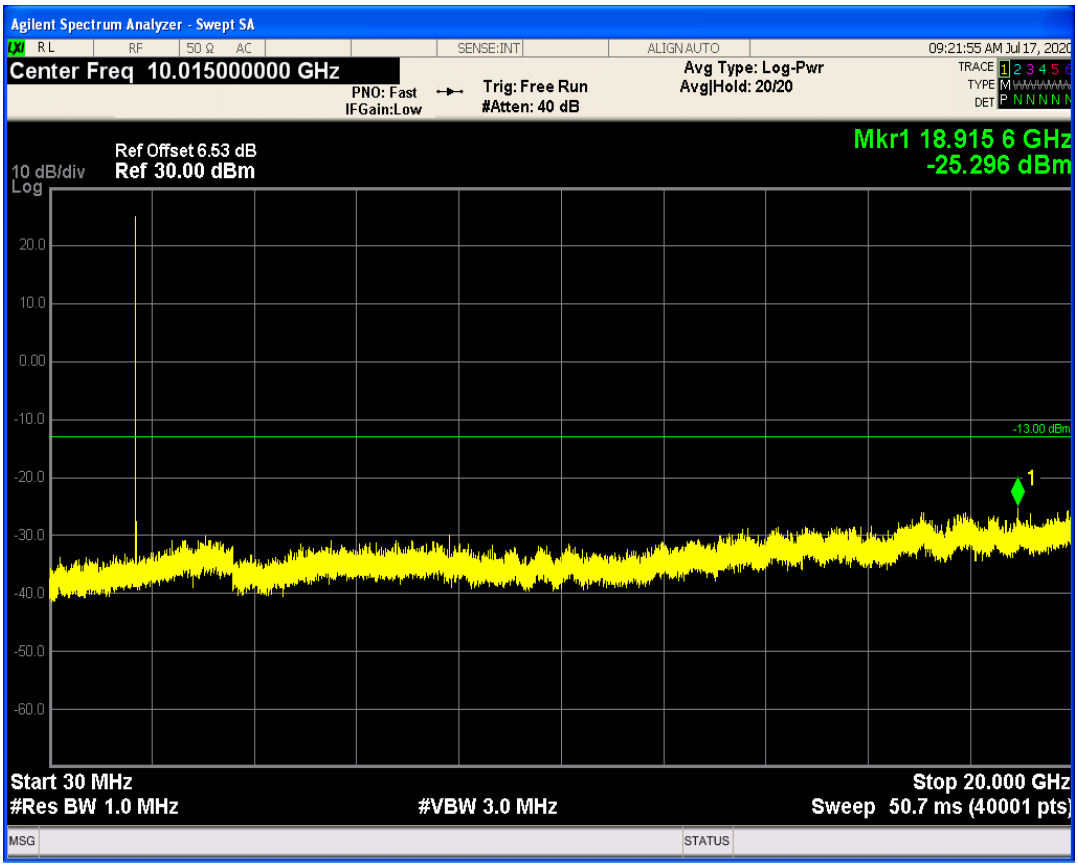
LTE Band2 QAM16 BW=20MHz Channel=19100 RB Size=100 Position=#0



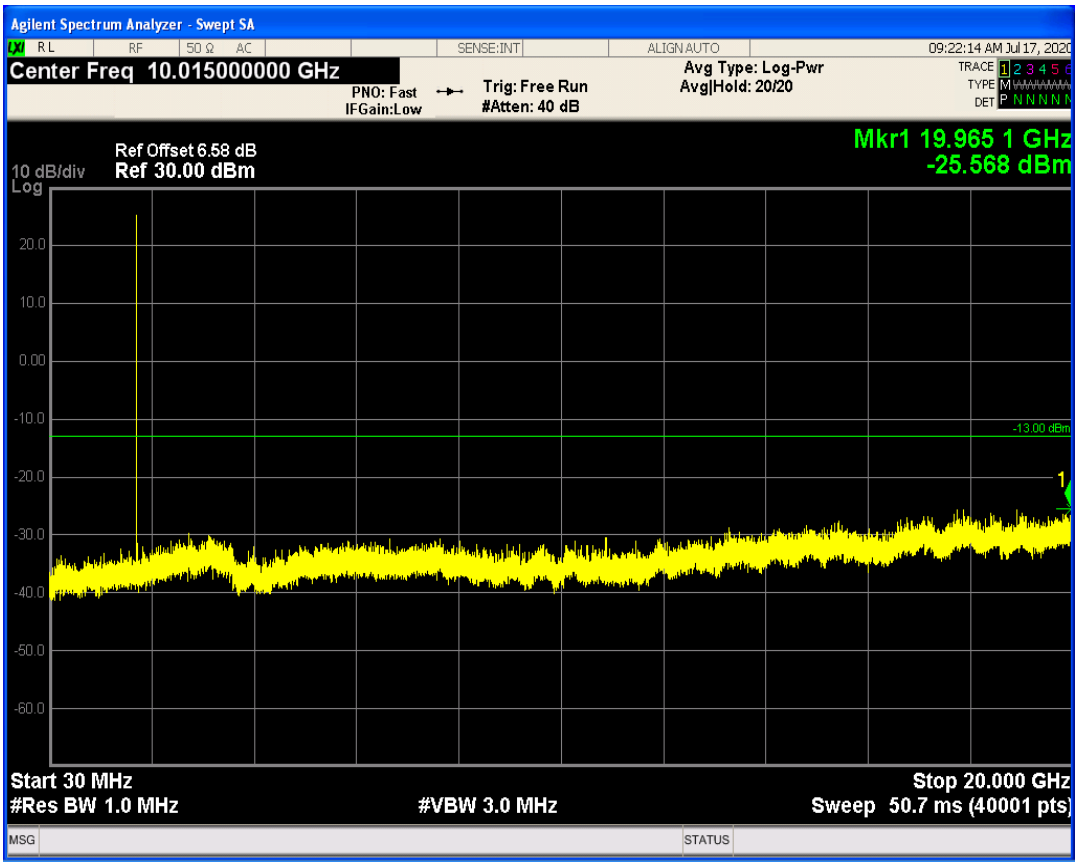
LTE Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=1 Position=#0



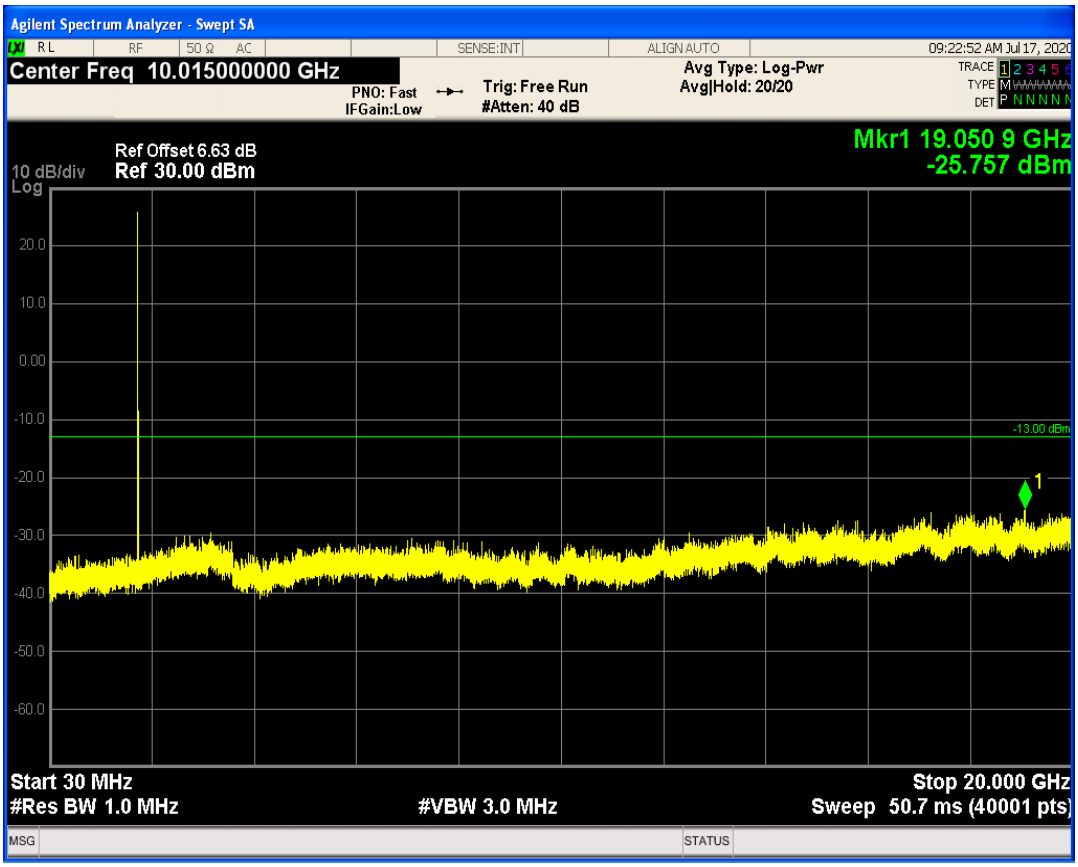
LTE Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



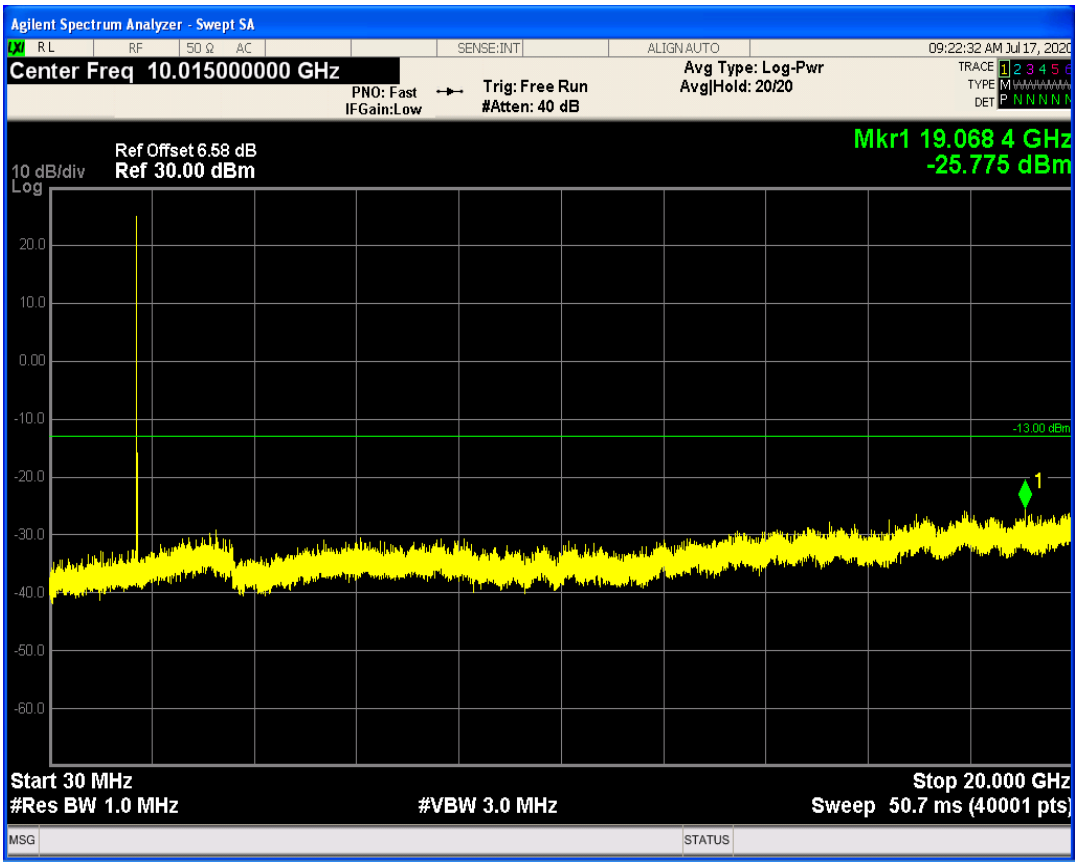
LTE Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=1 Position=#0



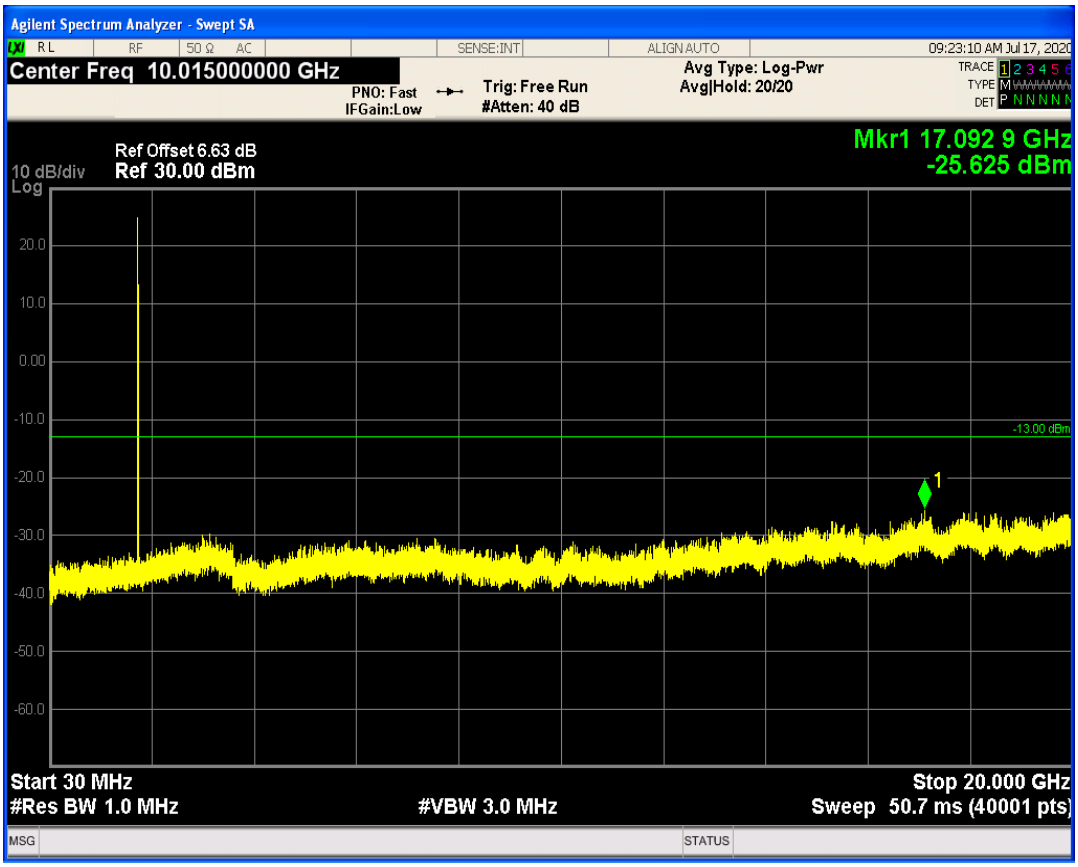
LTE Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=1 Position=#0



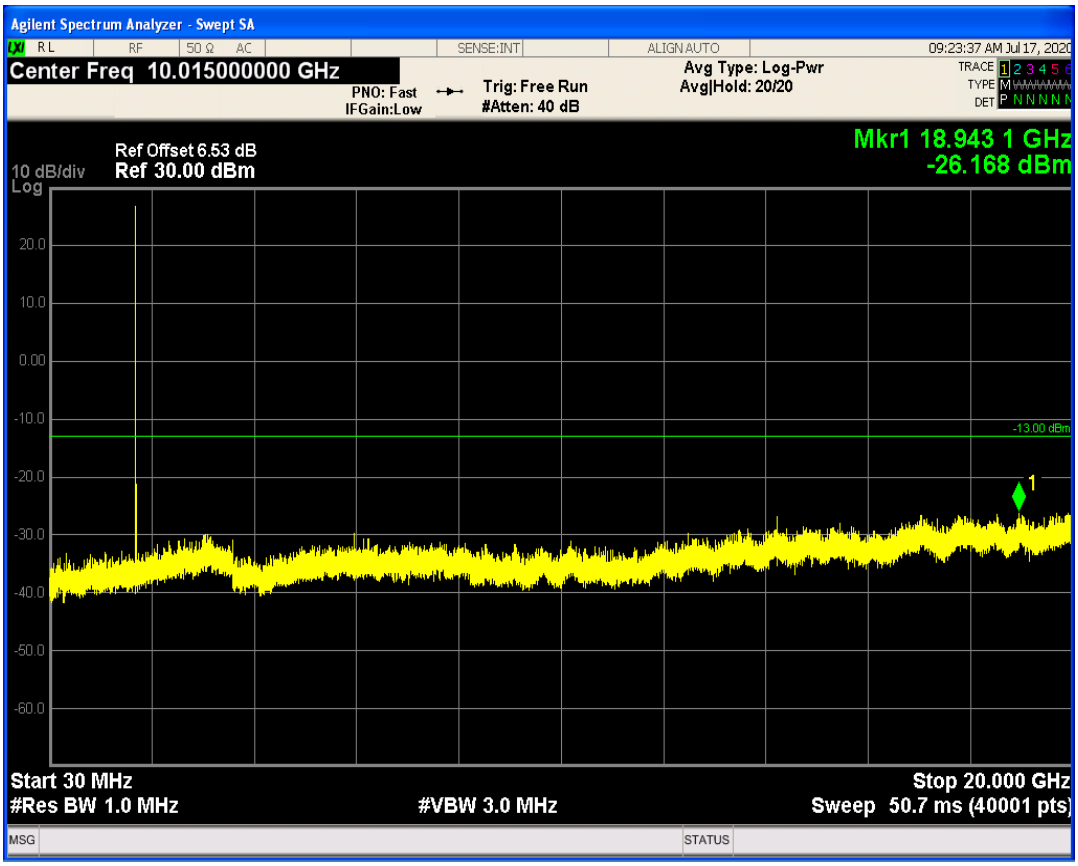
LTE Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=6 Position=#0



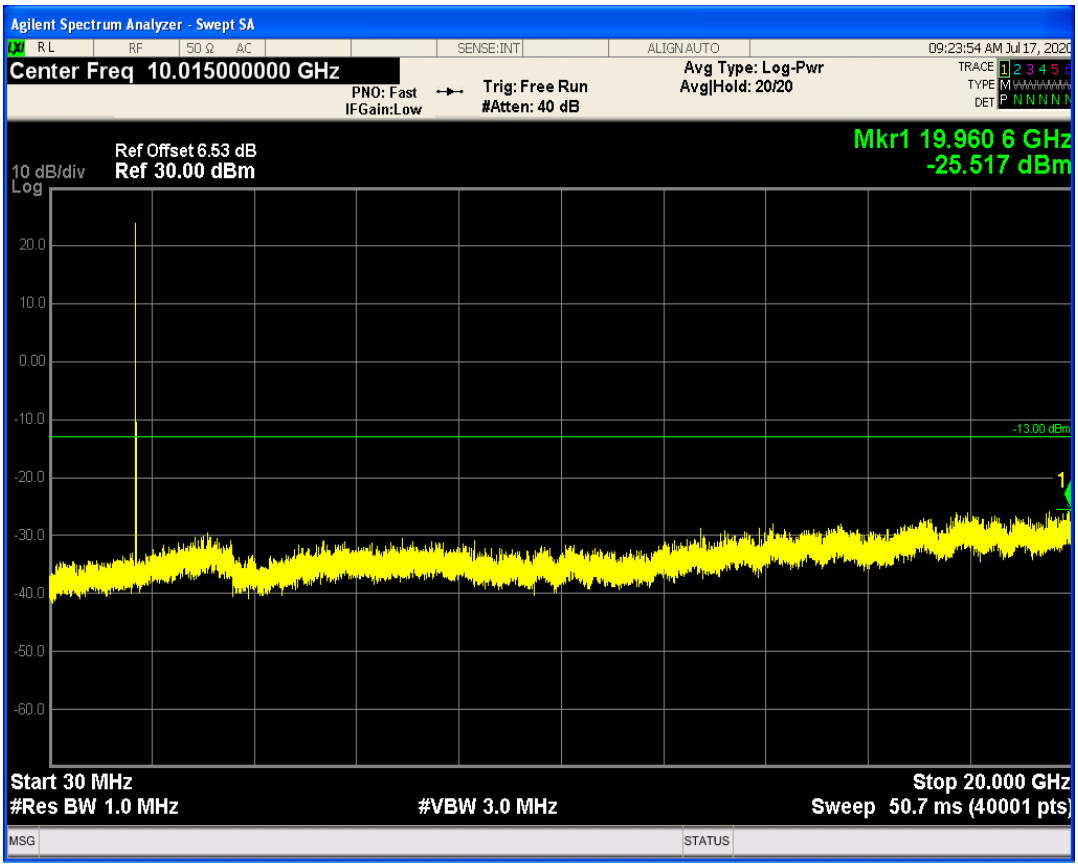
LTE Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



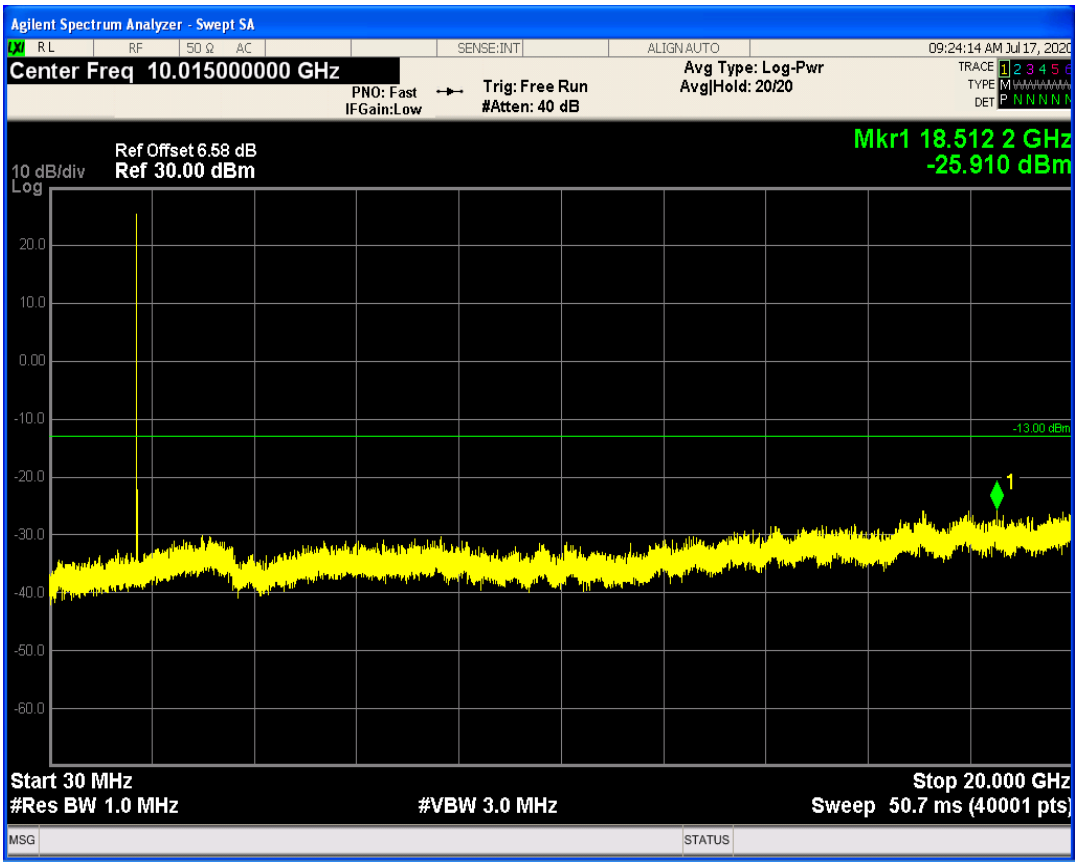
LTE Band4 QAM16 BW=3MHz Channel=19965 RB Size=1 Position=#0



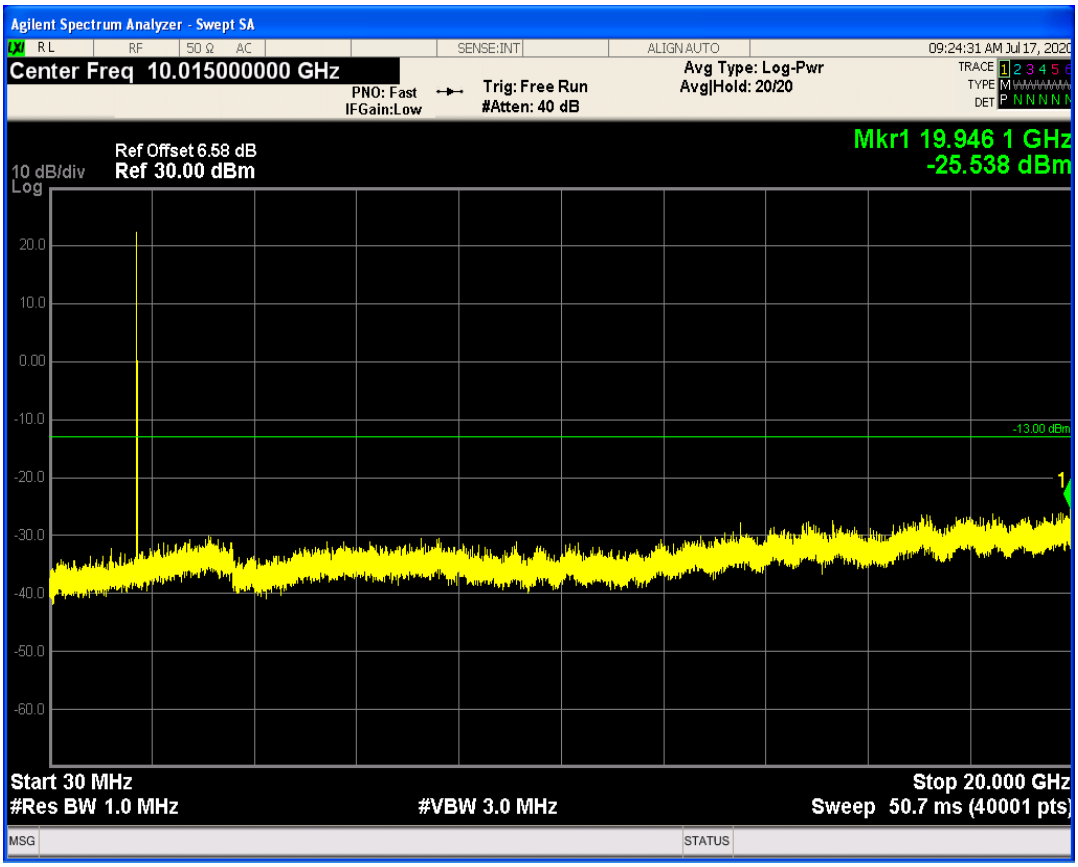
LTE Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



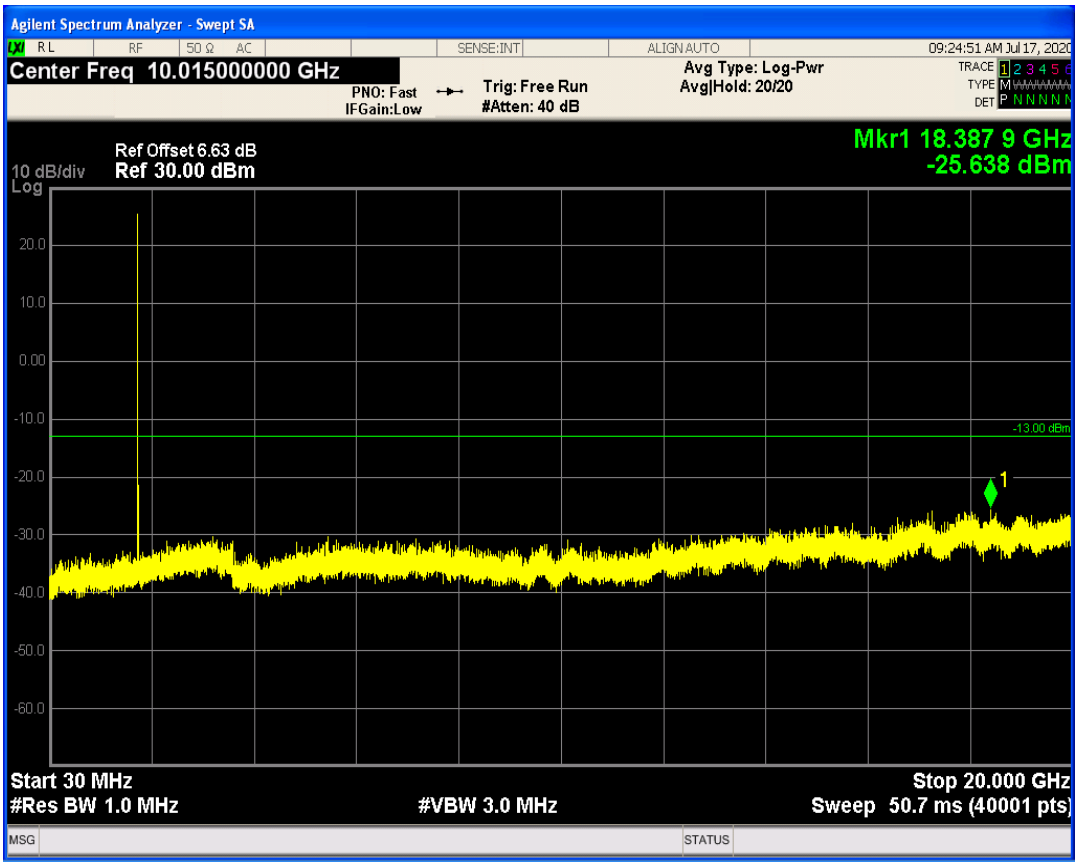
LTE Band4 QAM16 BW=3MHz Channel=20175 RB Size=1 Position=#0



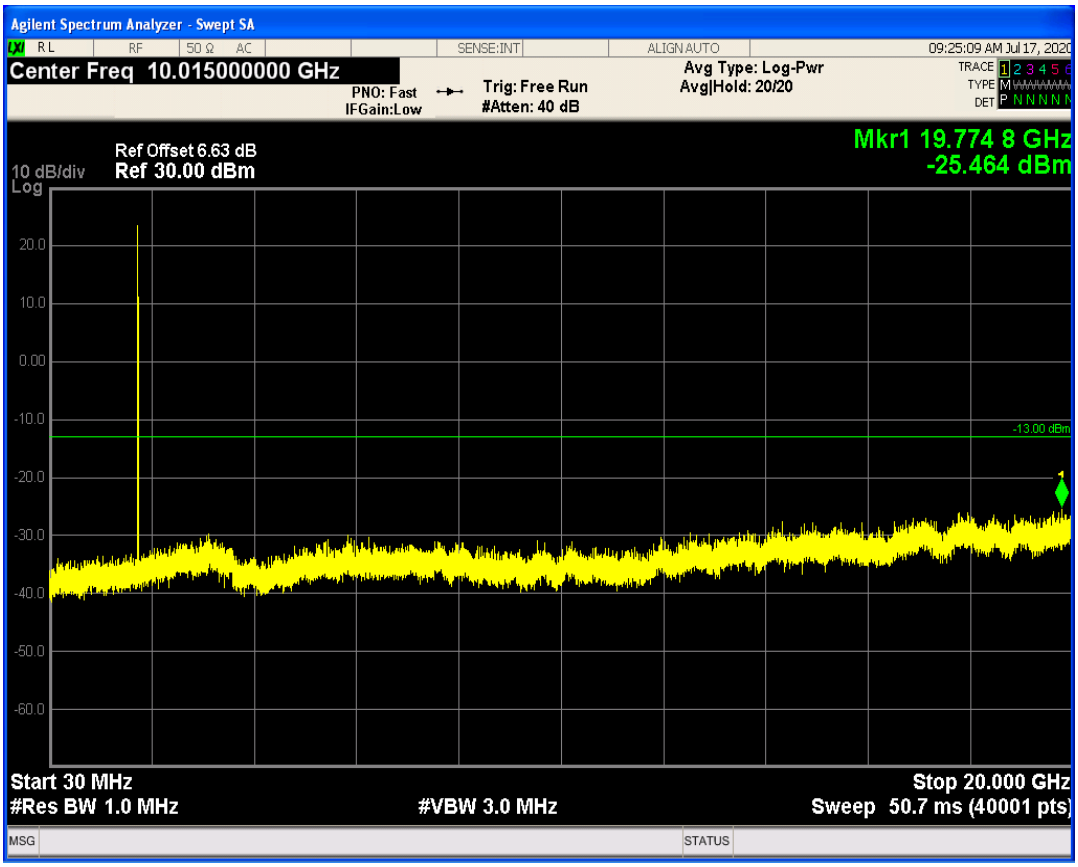
LTE Band4 QAM16 BW=3MHz Channel=20175 RB Size=15 Position=#0



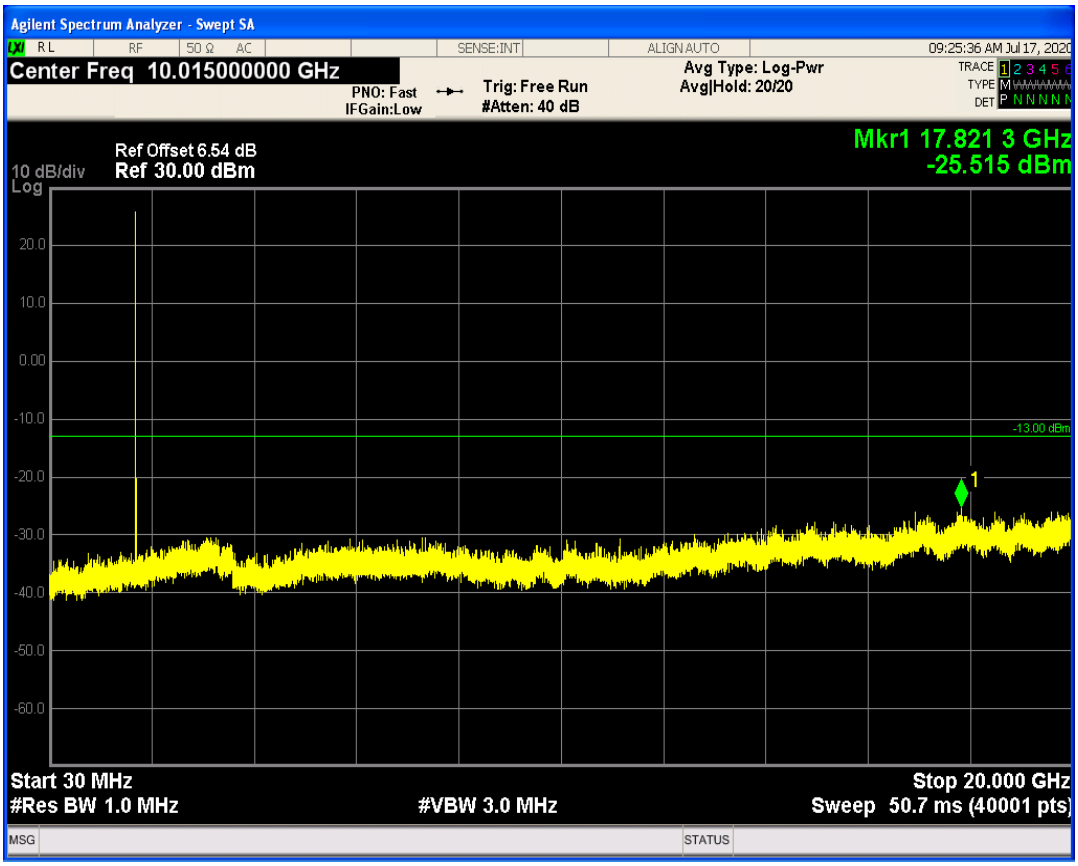
LTE Band4 QAM16 BW=3MHz Channel=20385 RB Size=1 Position=#0



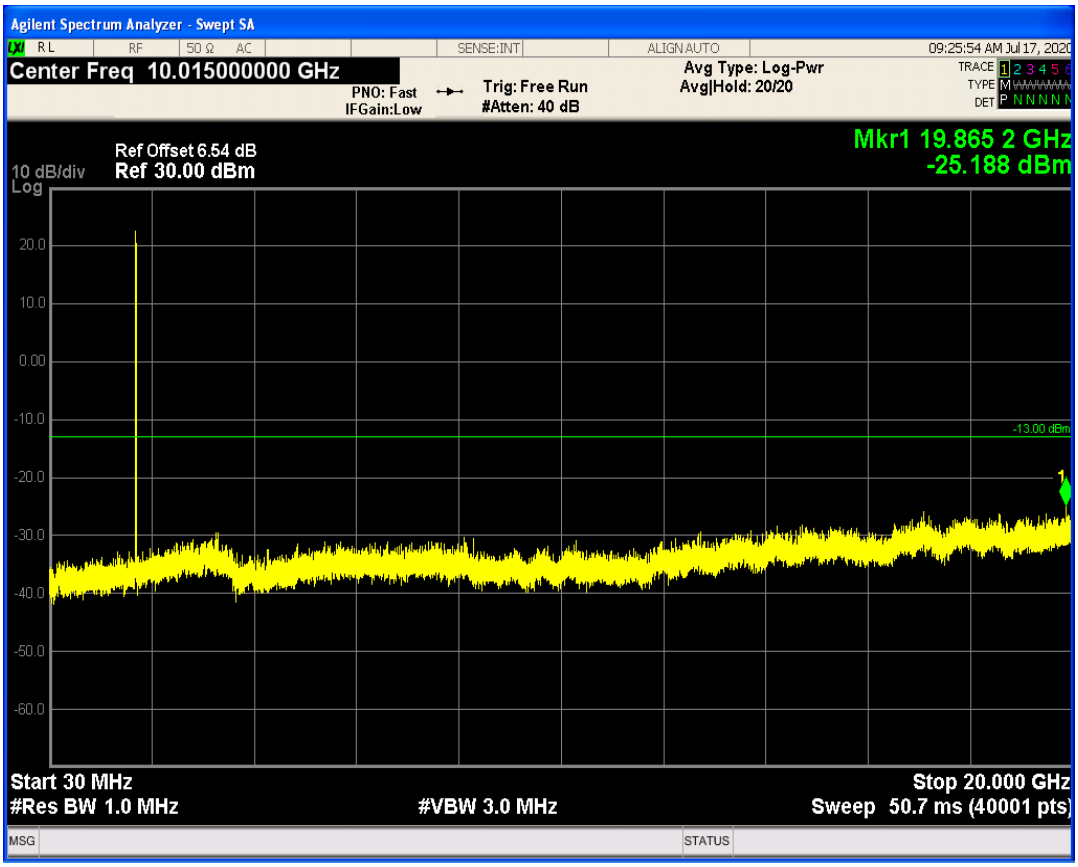
LTE Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



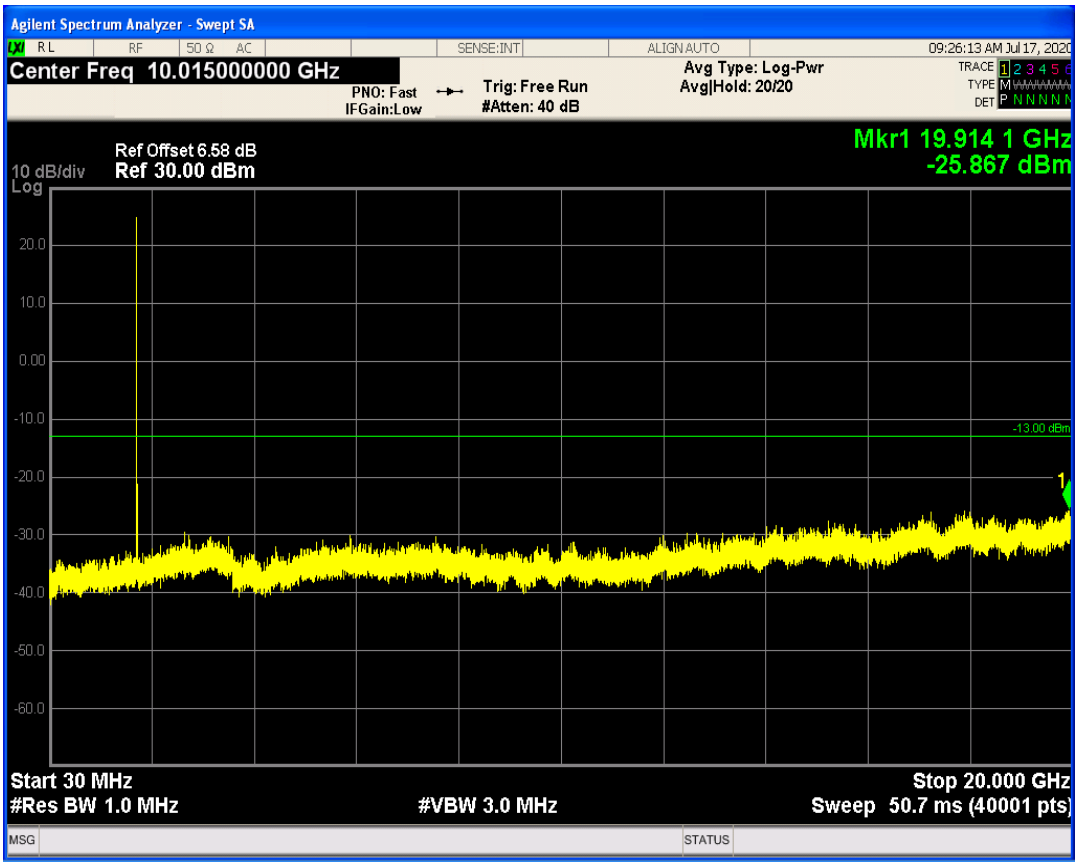
LTE Band4 QAM16 BW=5MHz Channel=19975 RB Size=1 Position=#0



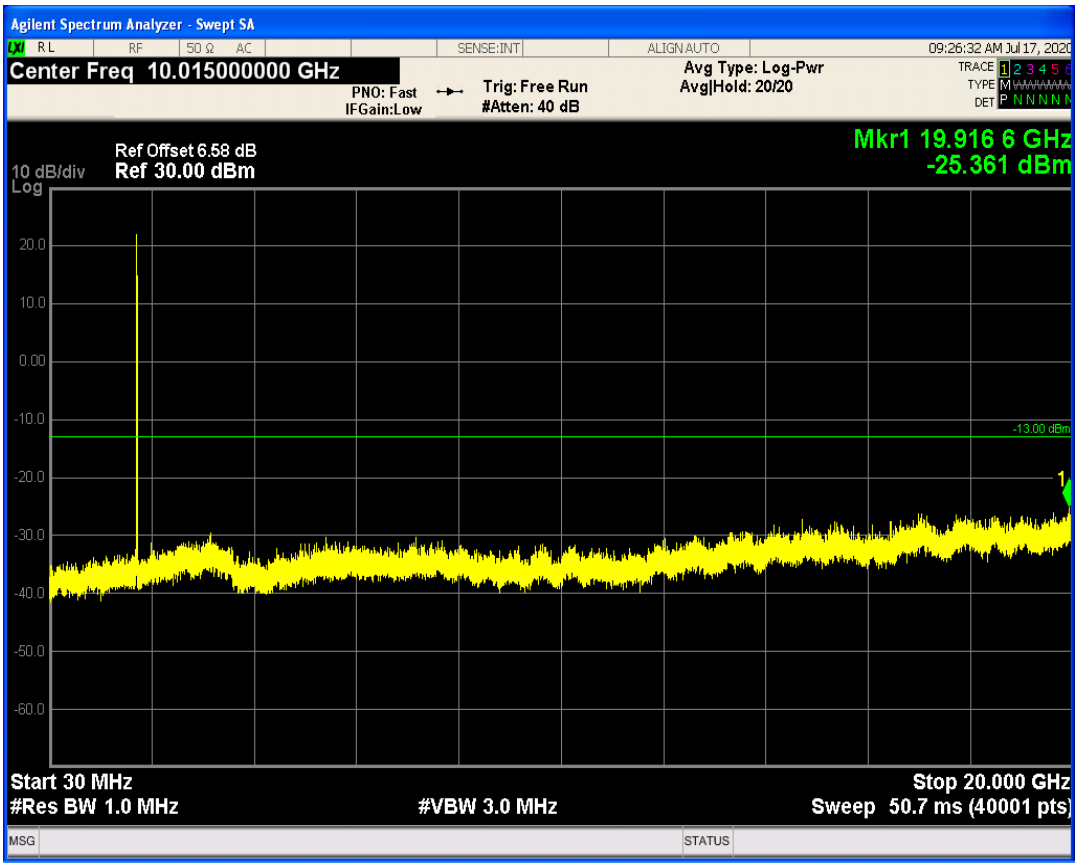
LTE Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



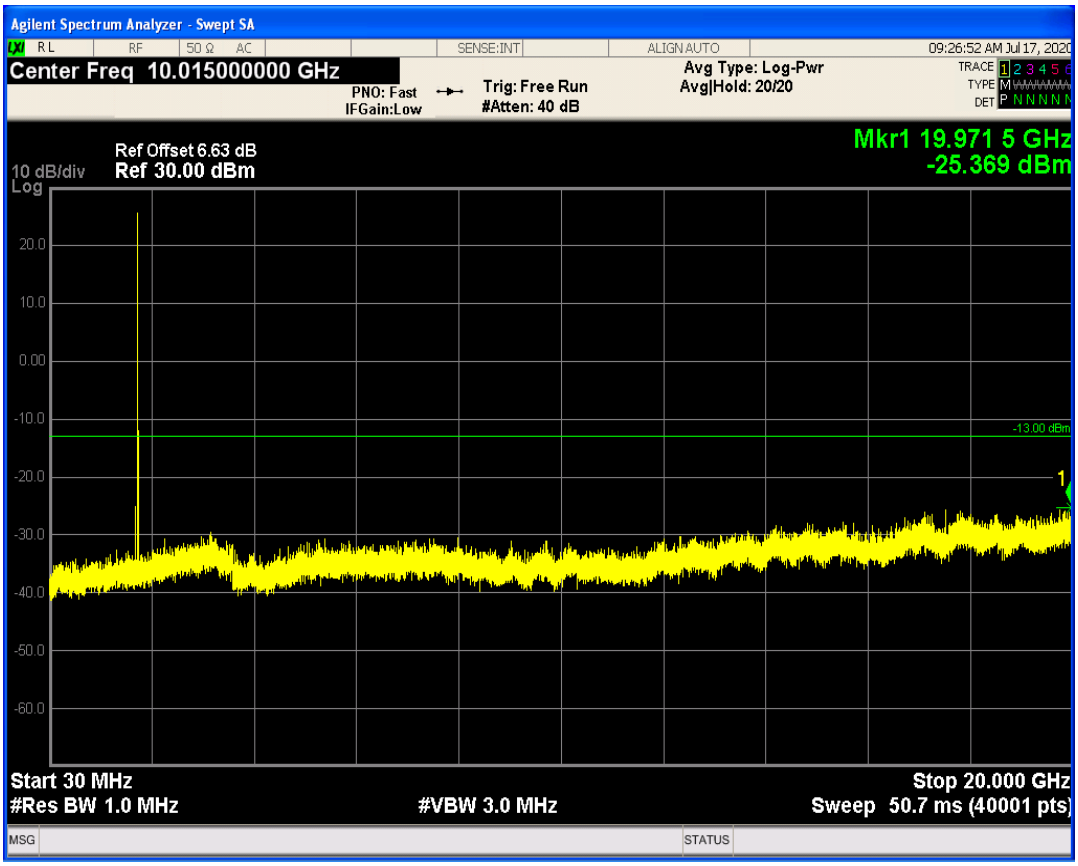
LTE Band4 QAM16 BW=5MHz Channel=20175 RB Size=1 Position=#0



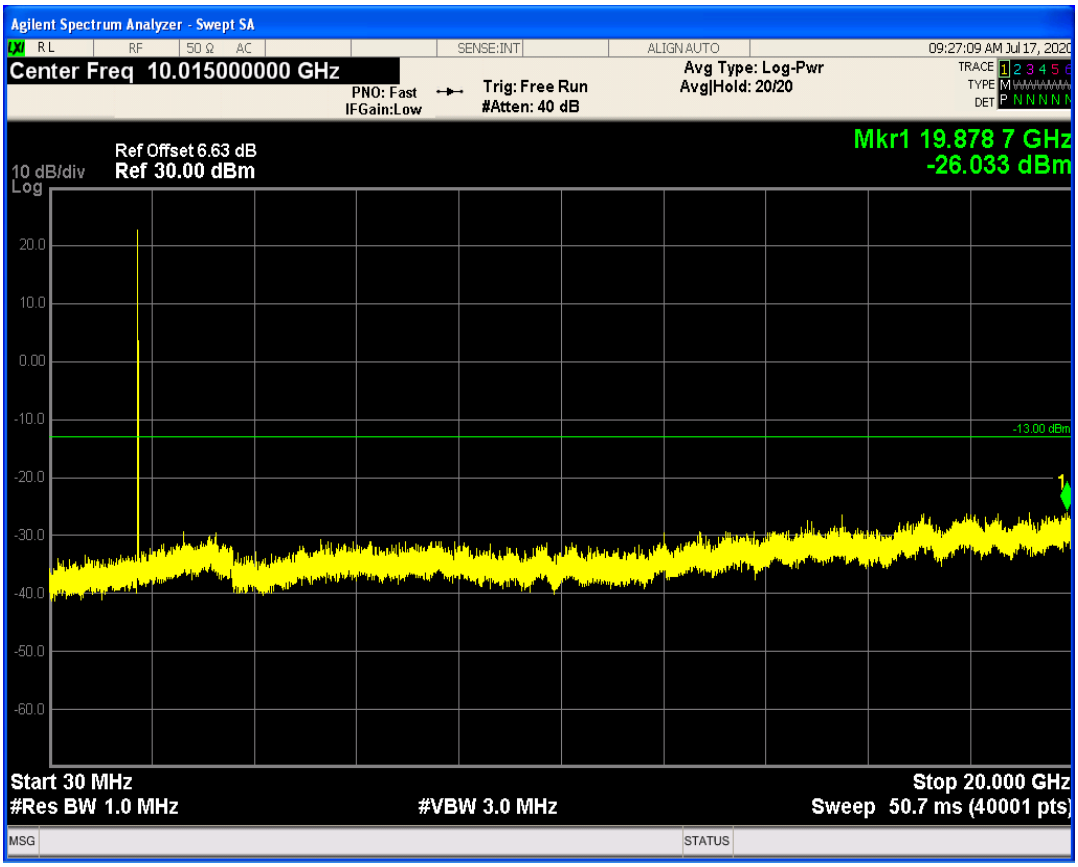
LTE Band4 QAM16 BW=5MHz Channel=20175 RB Size=25 Position=#0



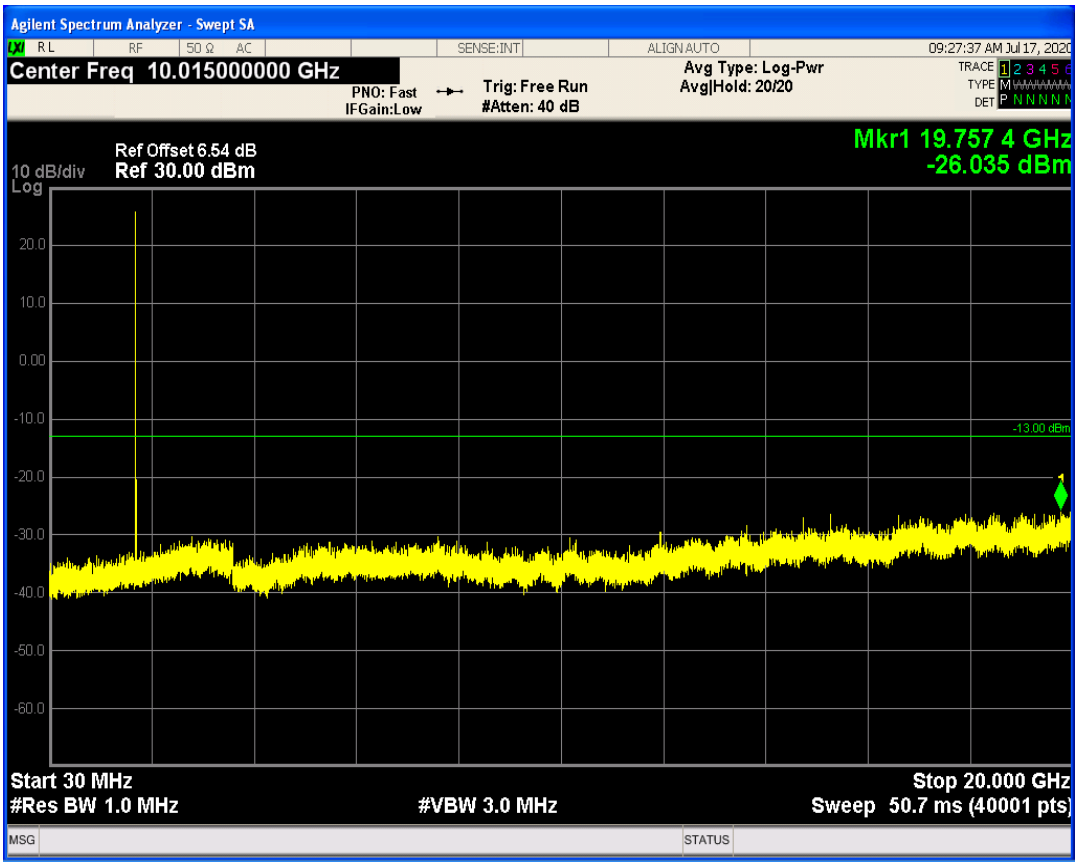
LTE Band4 QAM16 BW=5MHz Channel=20375 RB Size=1 Position=#0



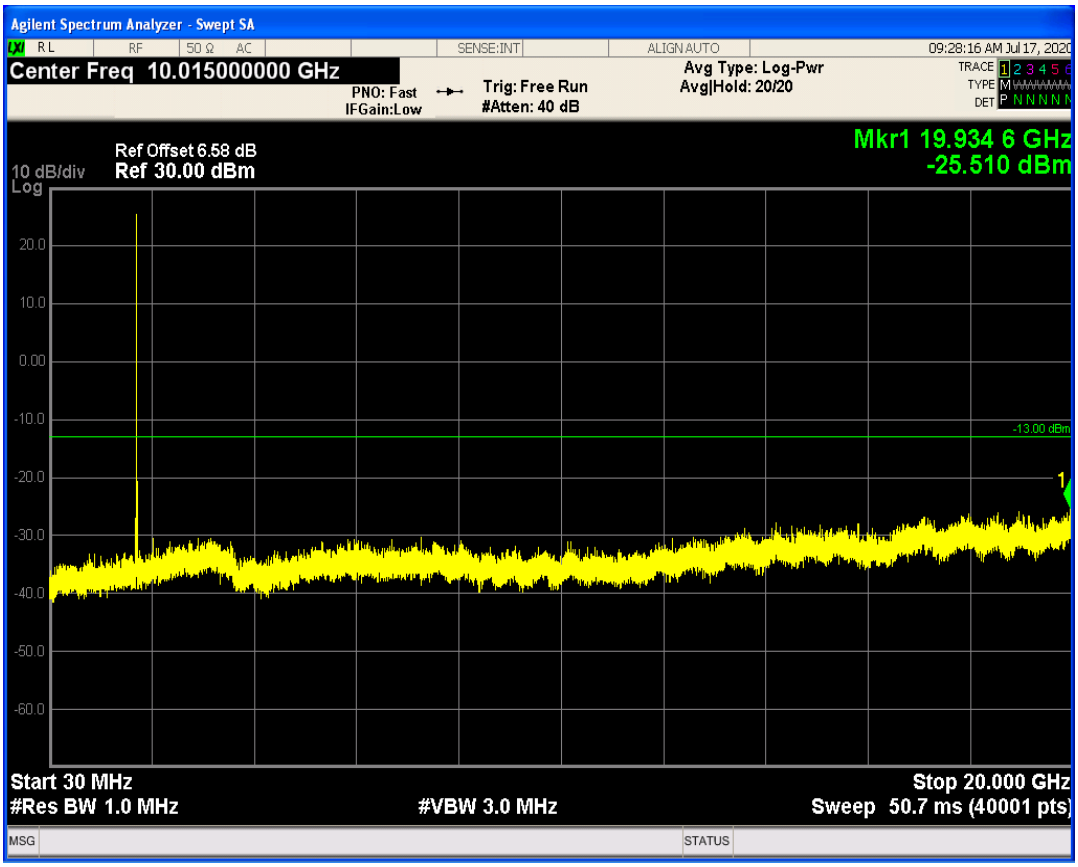
LTE Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



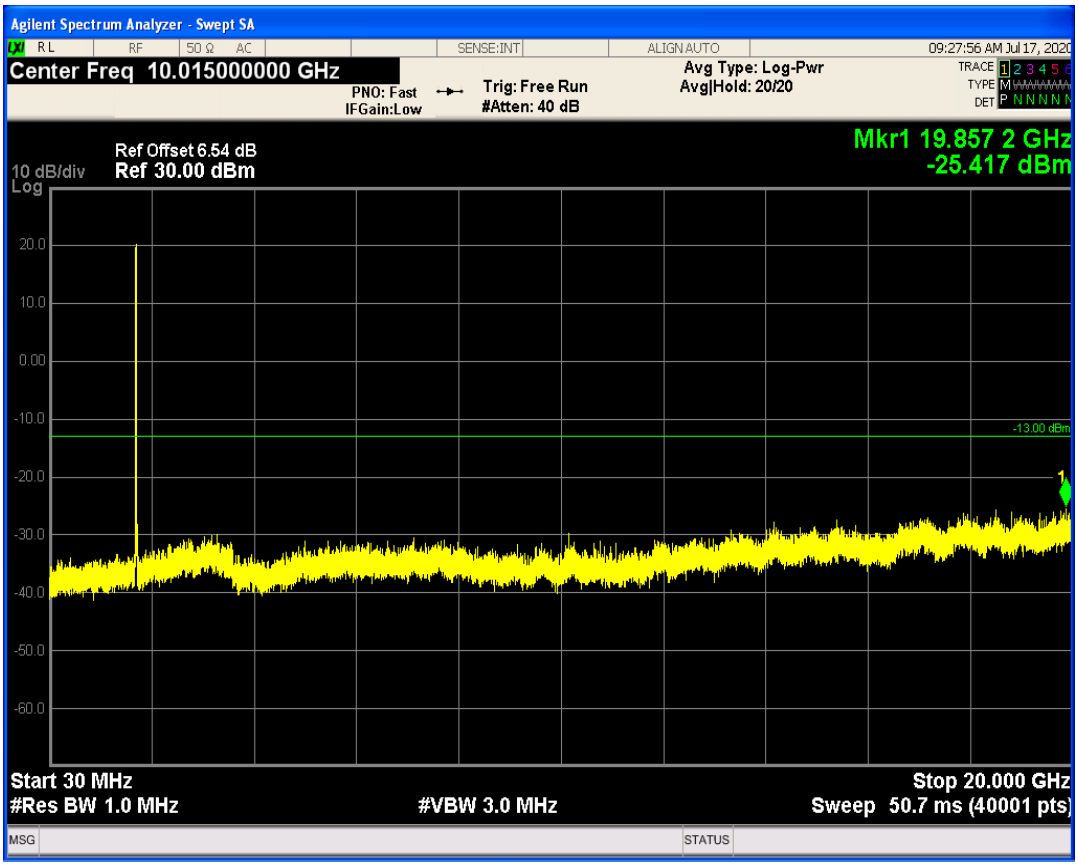
LTE Band4 QAM16 BW=10MHz Channel=20000 RB Size=1 Position=#0



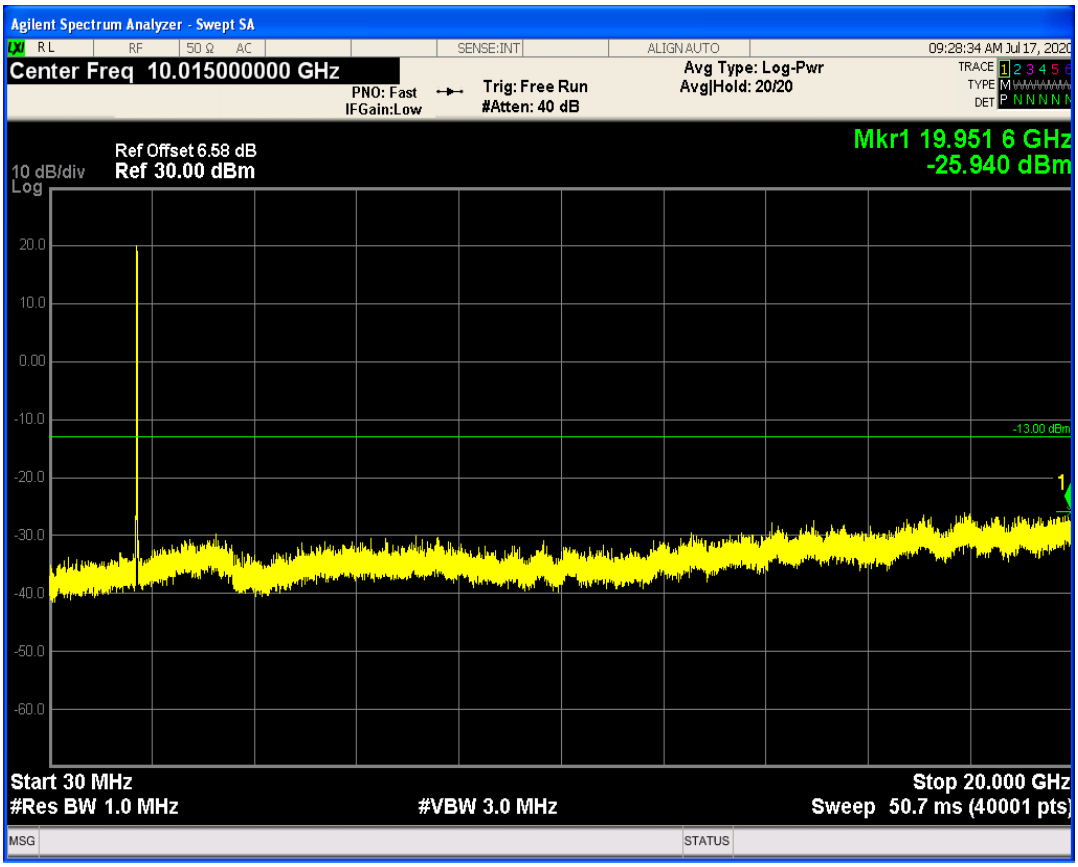
LTE Band4 QAM16 BW=10MHz Channel=20175 RB Size=1 Position=#0



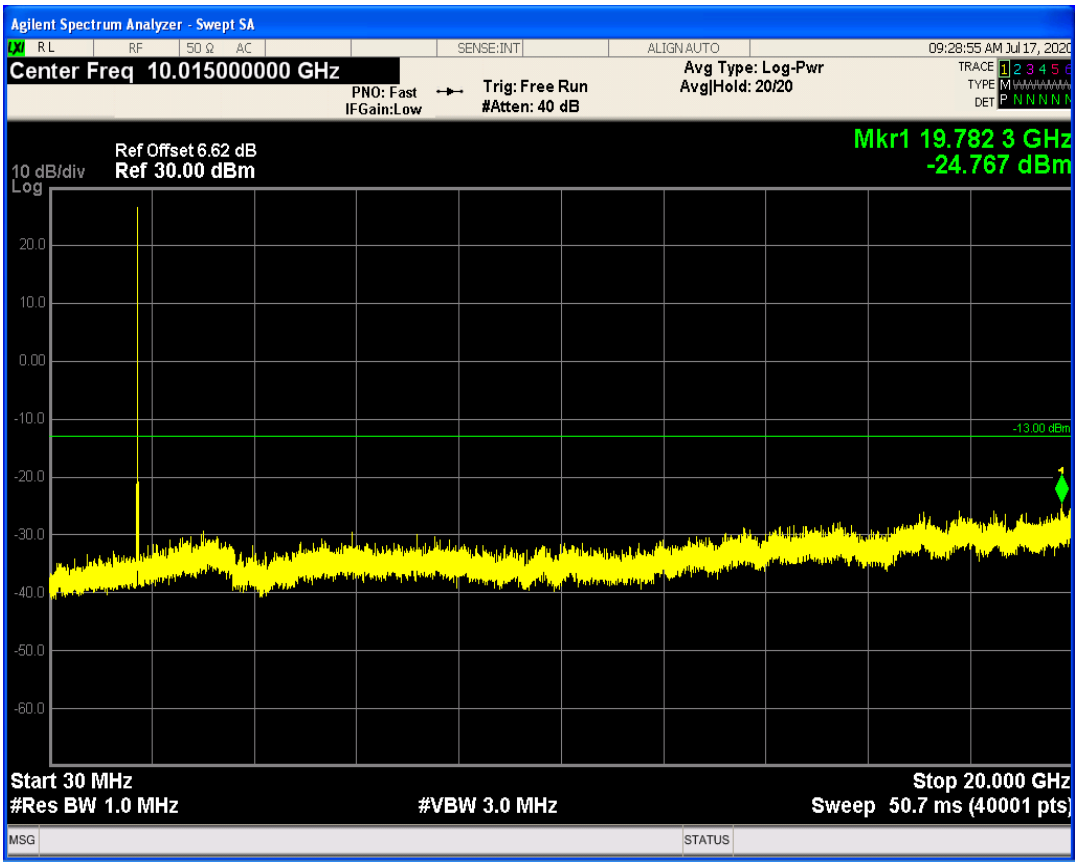
LTE Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0



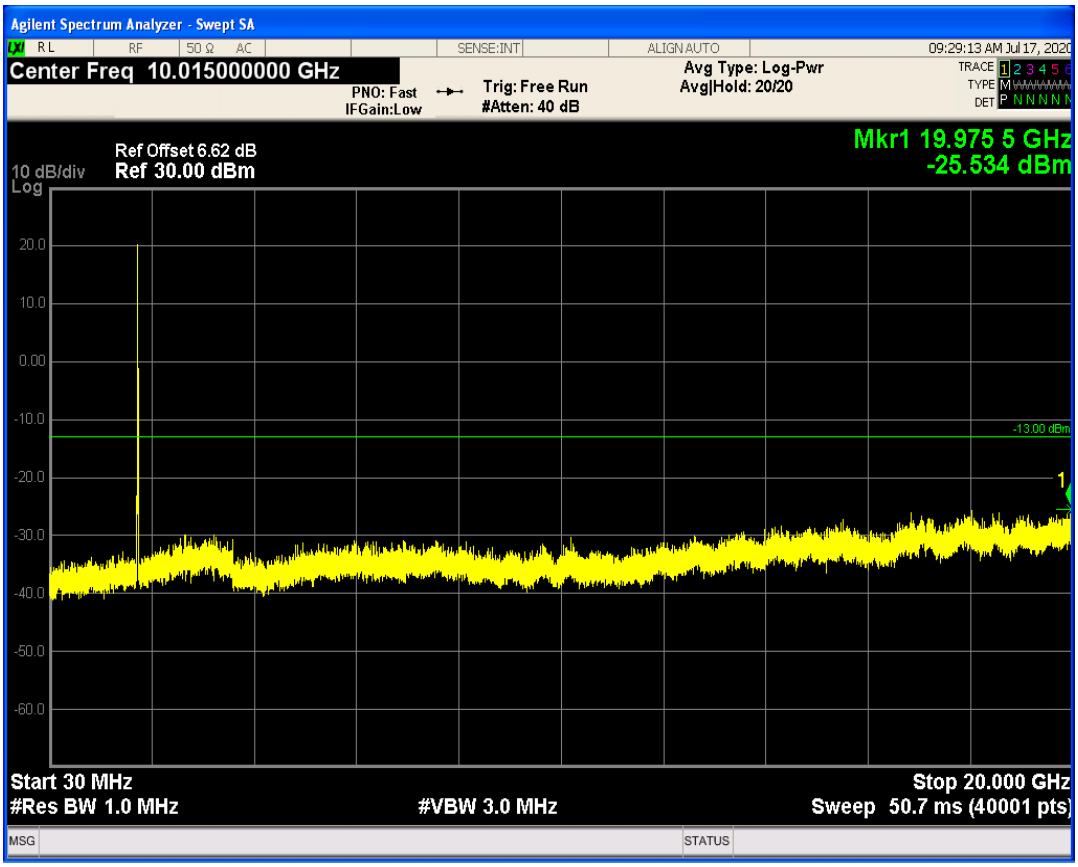
LTE Band4 QAM16 BW=10MHz Channel=20175 RB Size=50 Position=#0



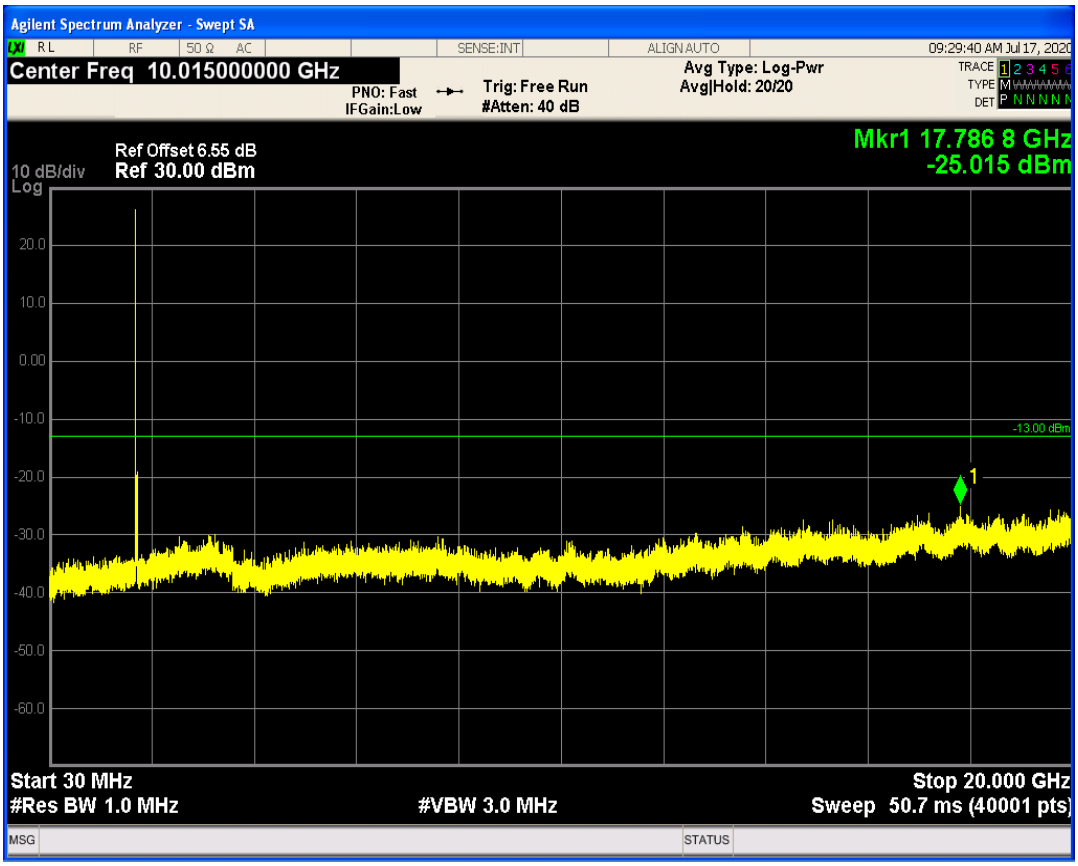
LTE Band4 QAM16 BW=10MHz Channel=20350 RB Size=1 Position=#0



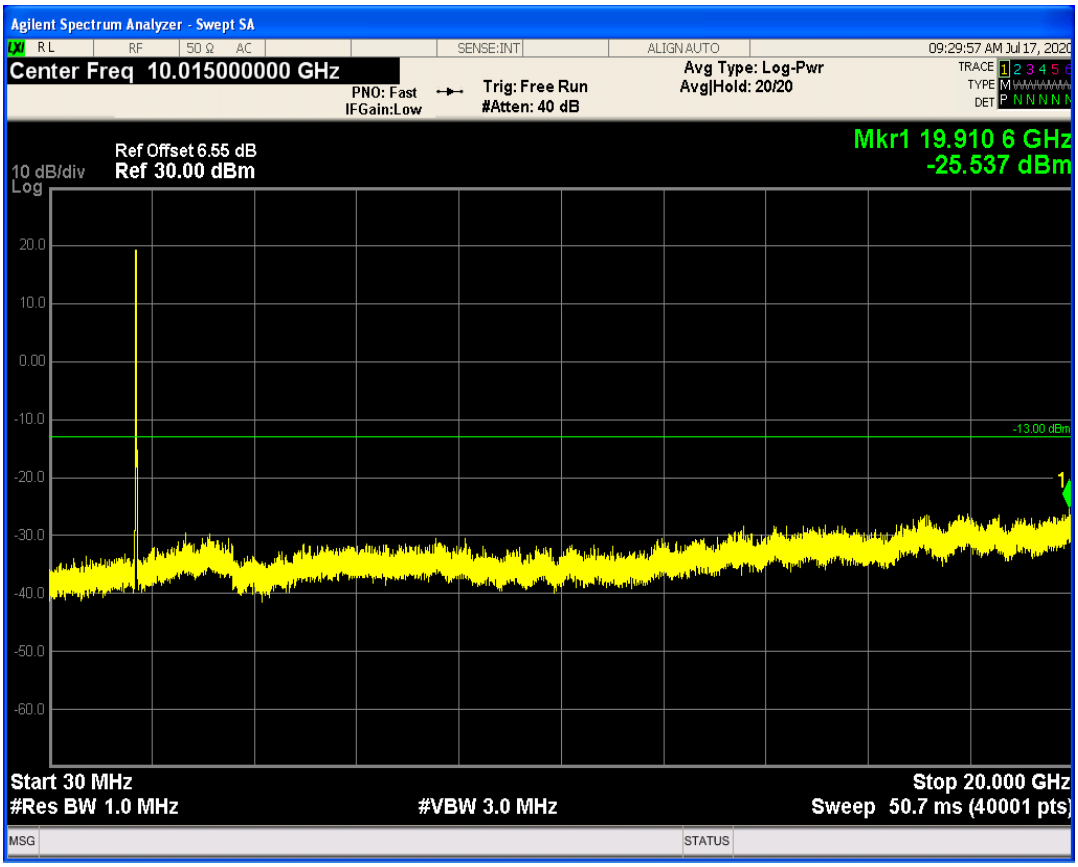
LTE Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0



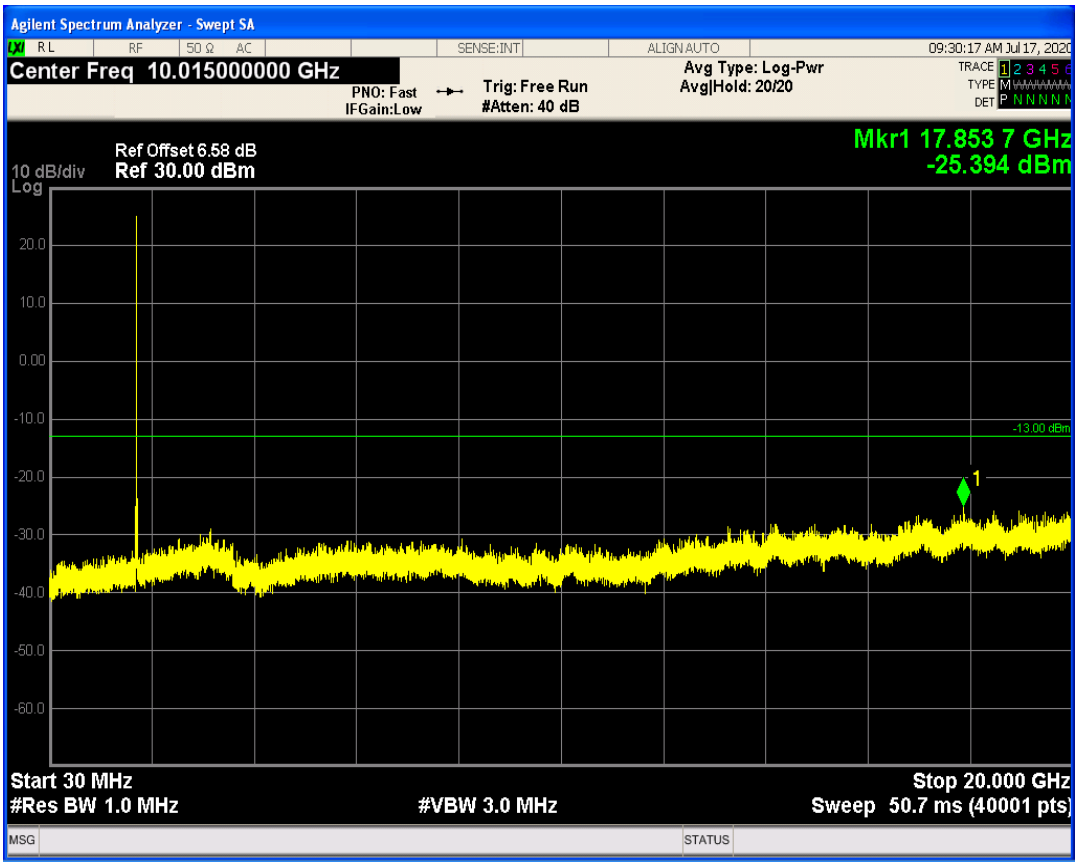
LTE Band4 QAM16 BW=15MHz Channel=20025 RB Size=1 Position=#0



LTE Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0



LTE Band4 QAM16 BW=15MHz Channel=20175 RB Size=1 Position=#0



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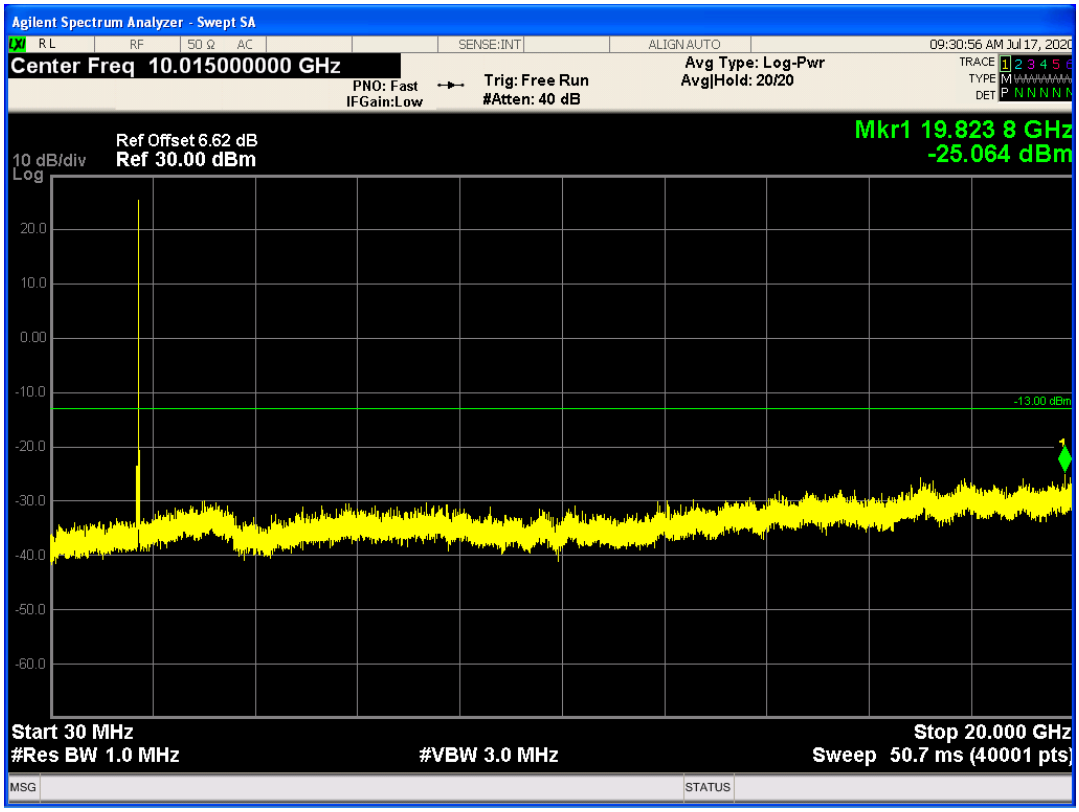

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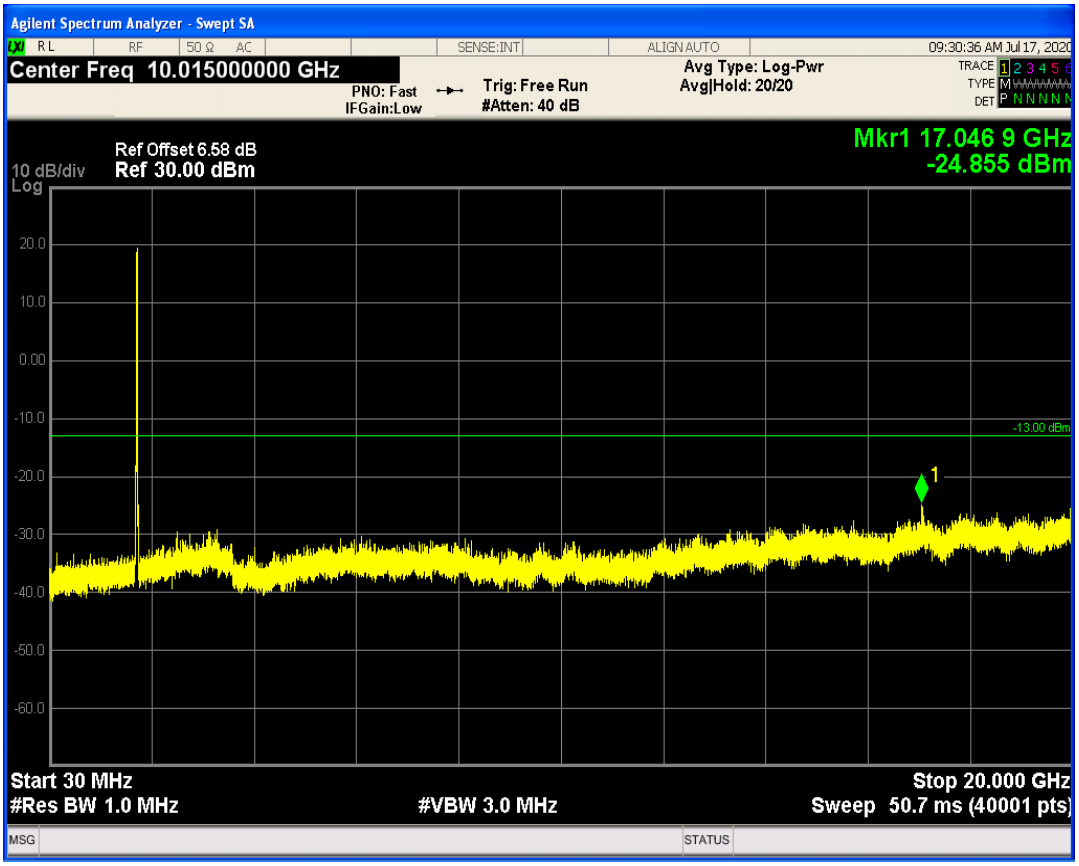

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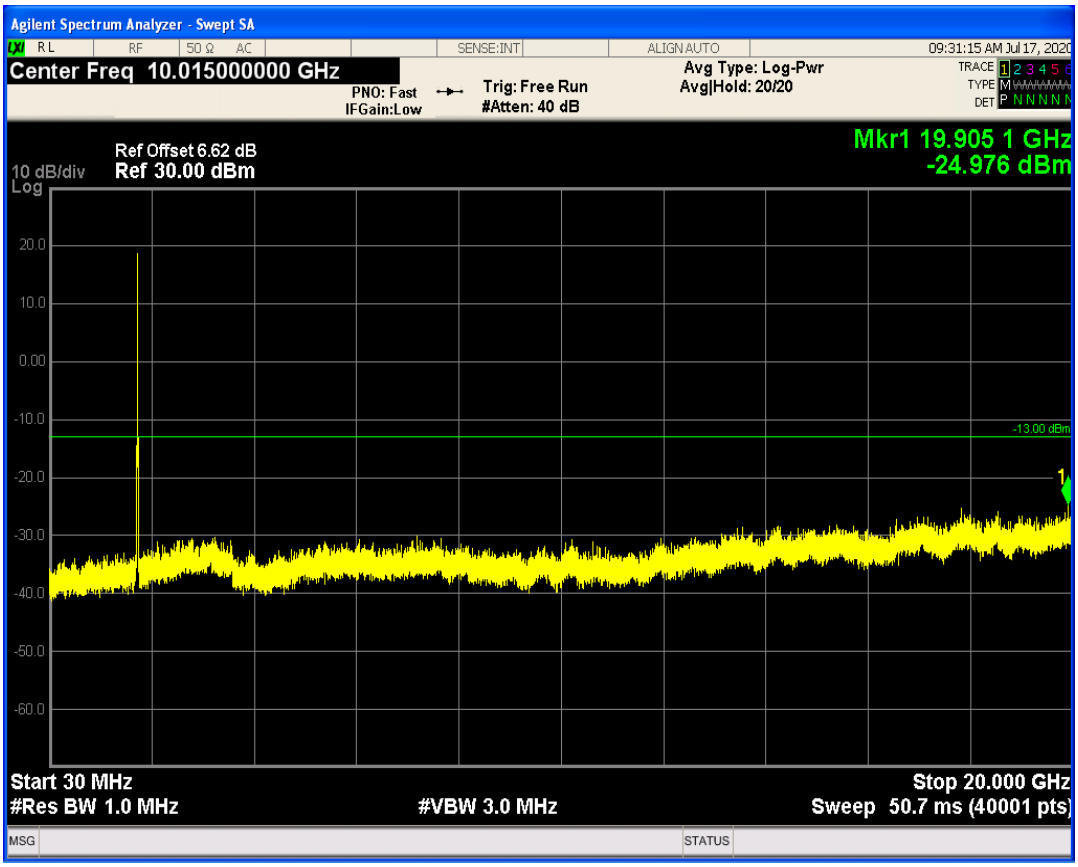

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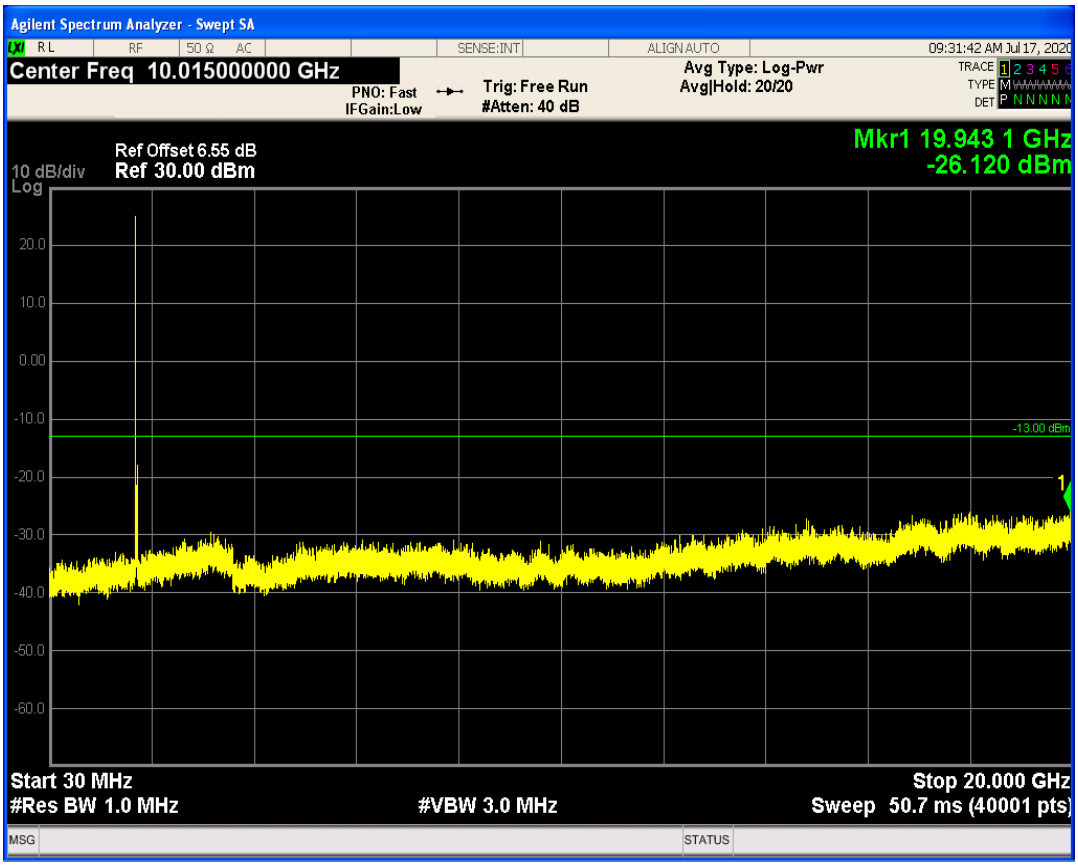
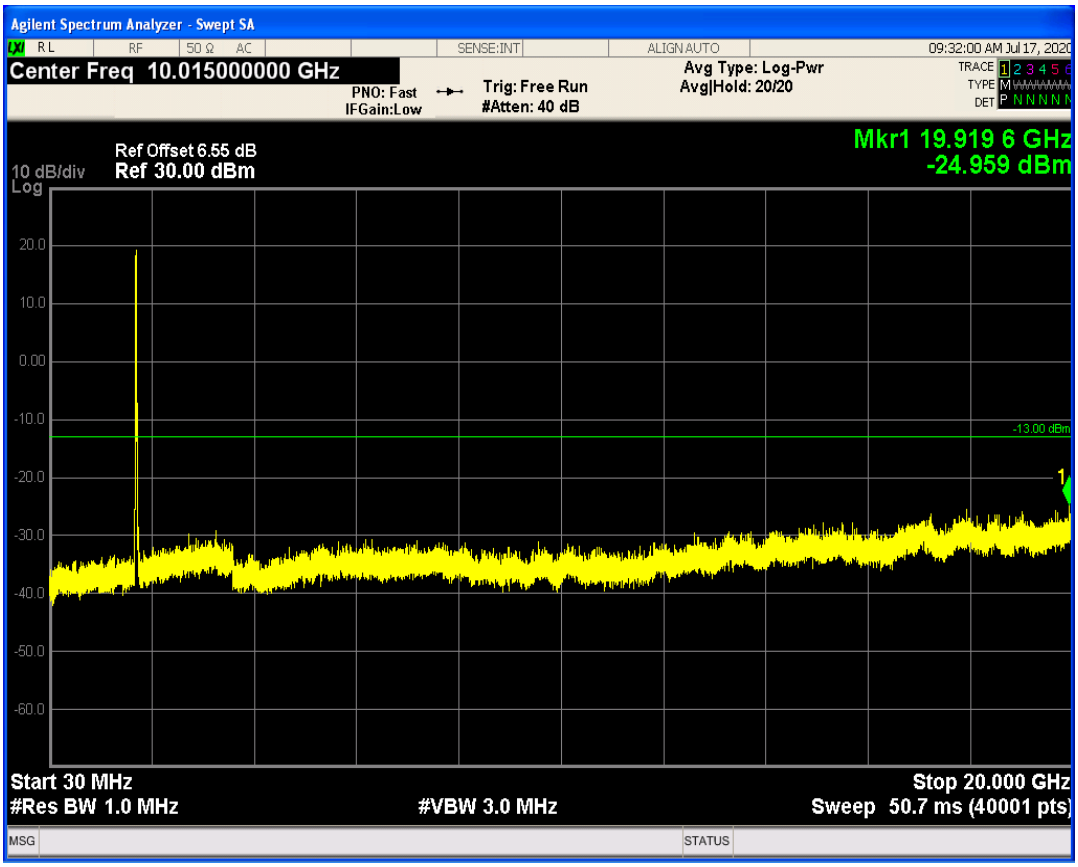
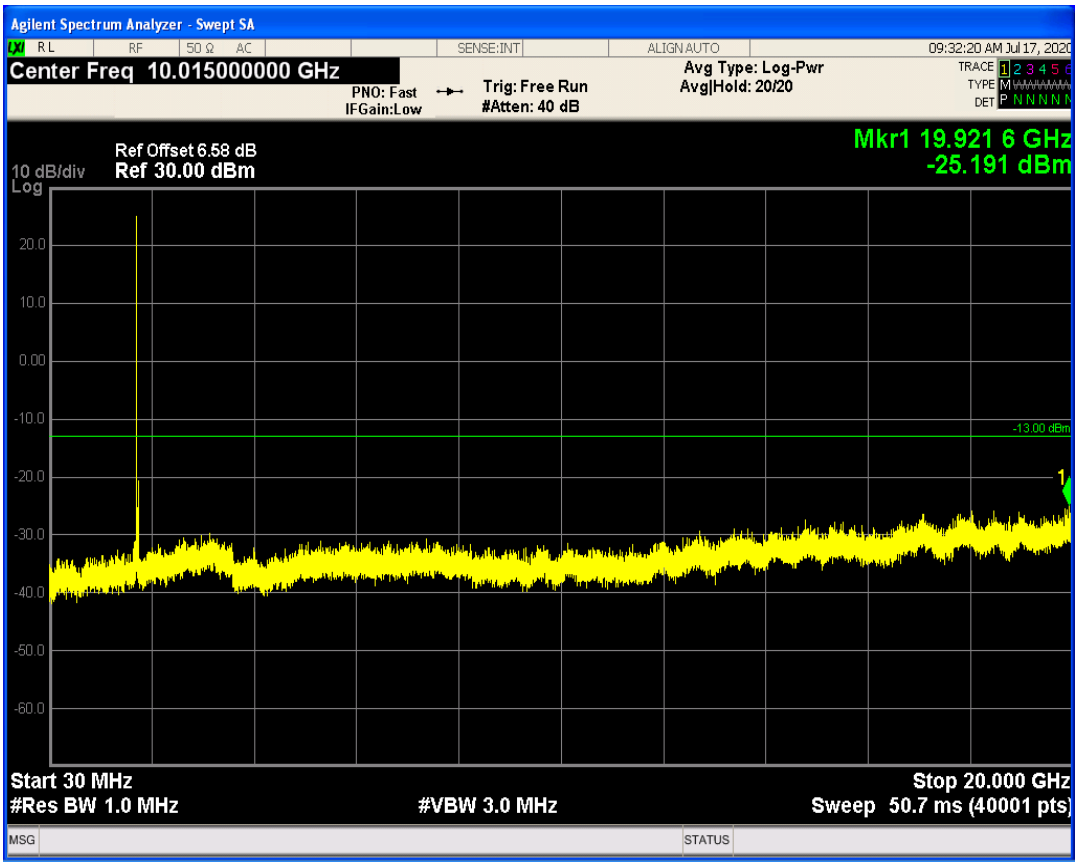


LTE Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0



LTE Band4 QAM16 BW=20MHz Channel=20175 RB Size=1 Position=#0



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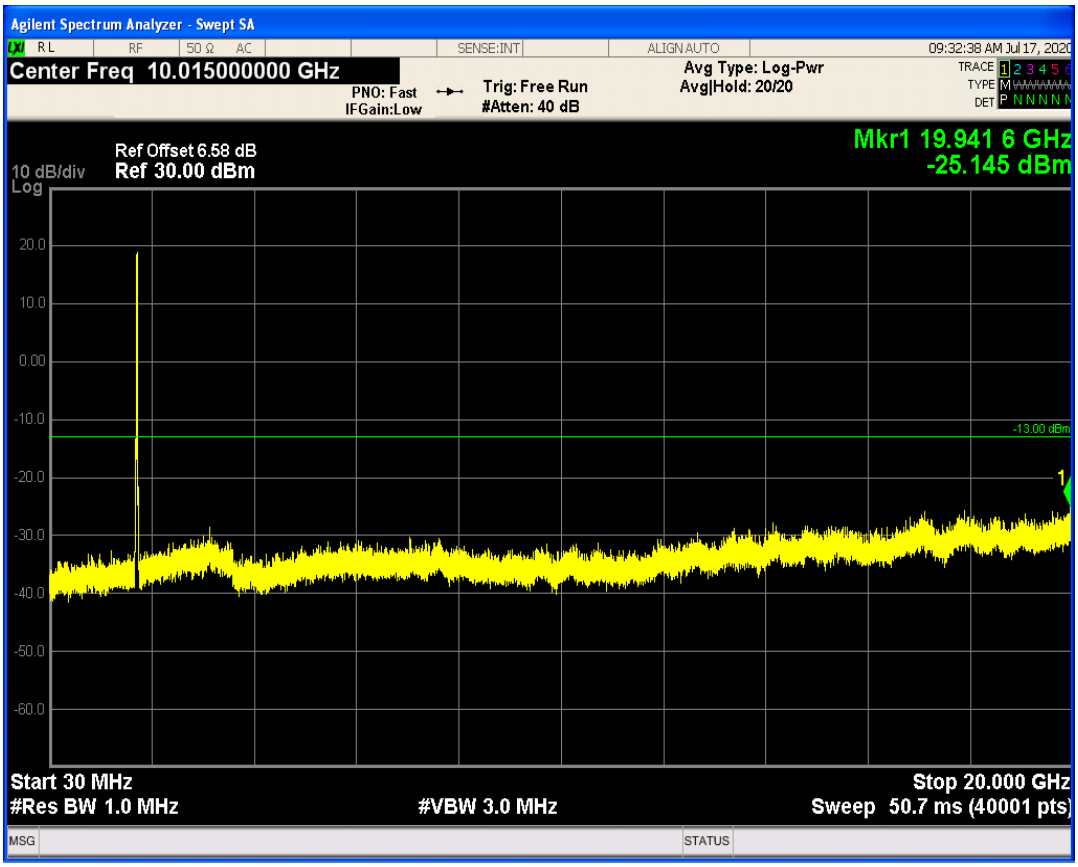

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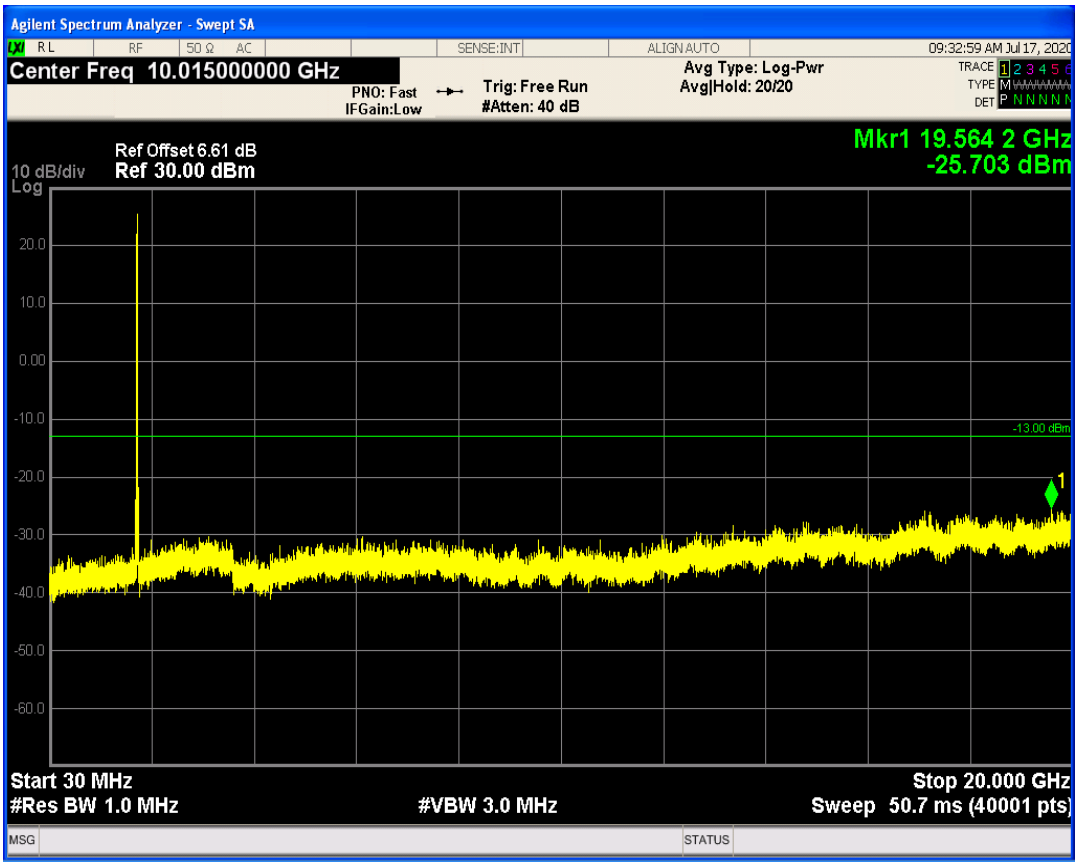
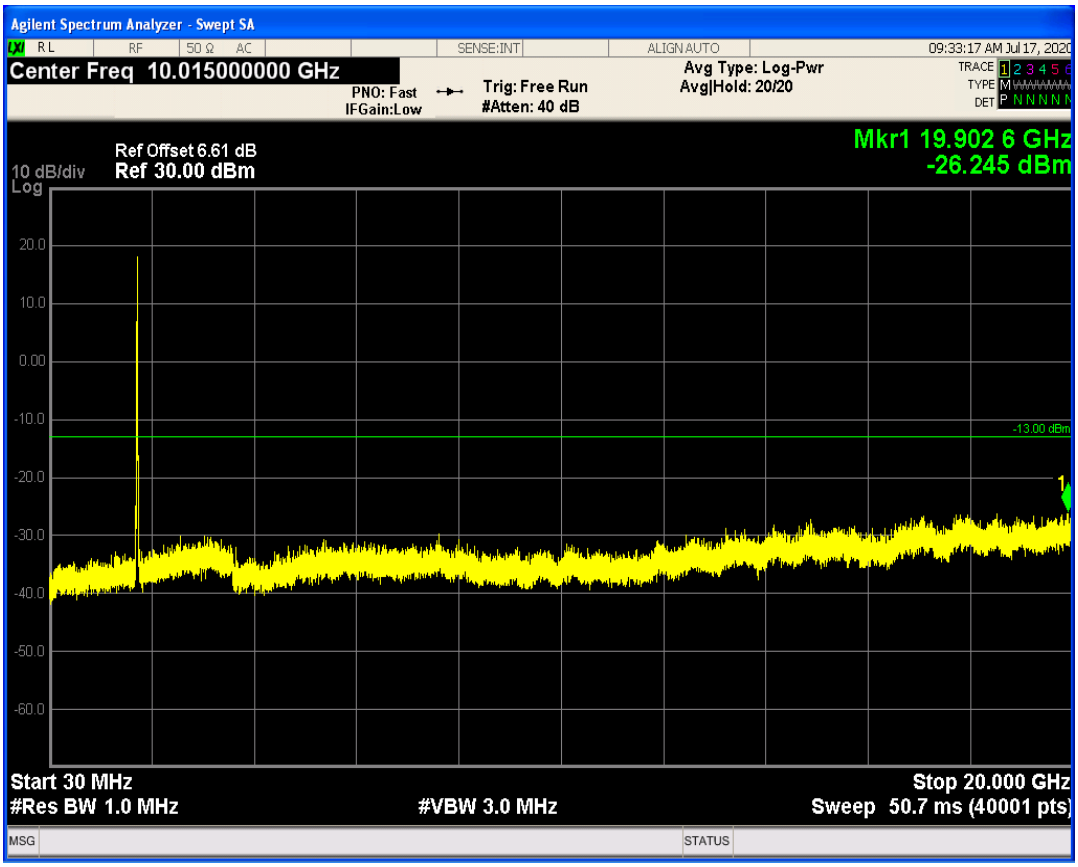
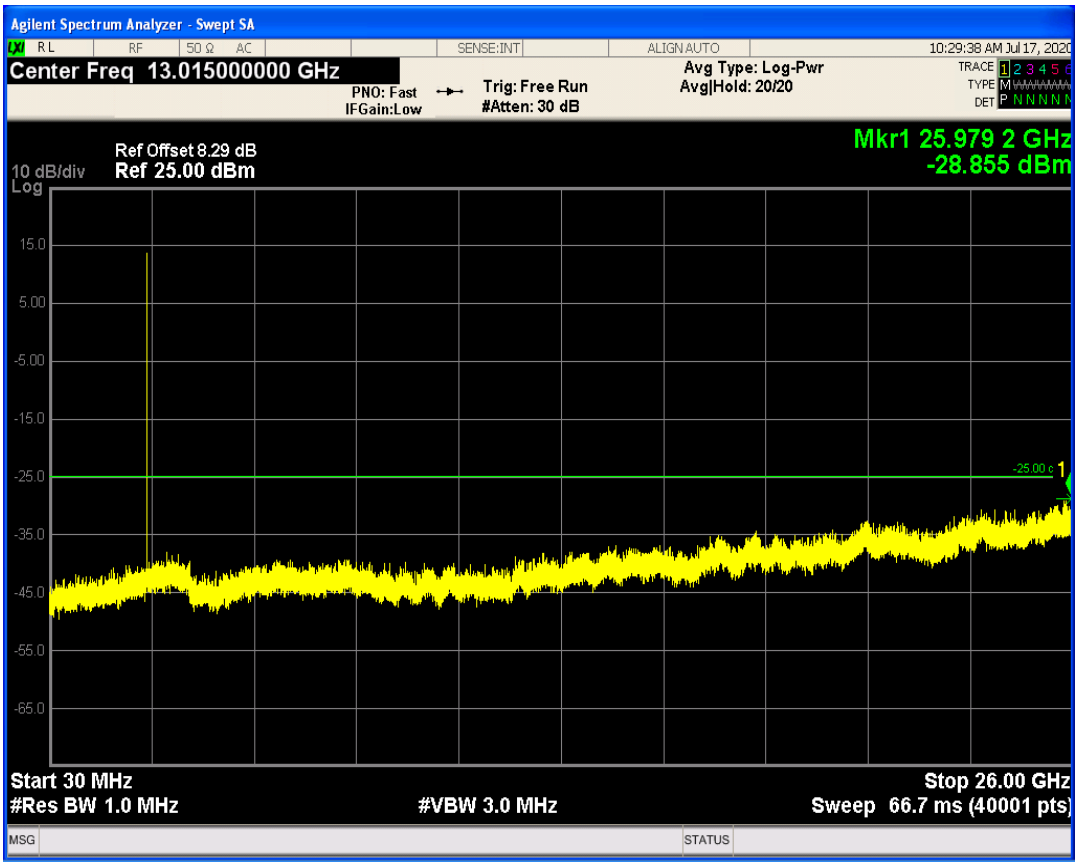


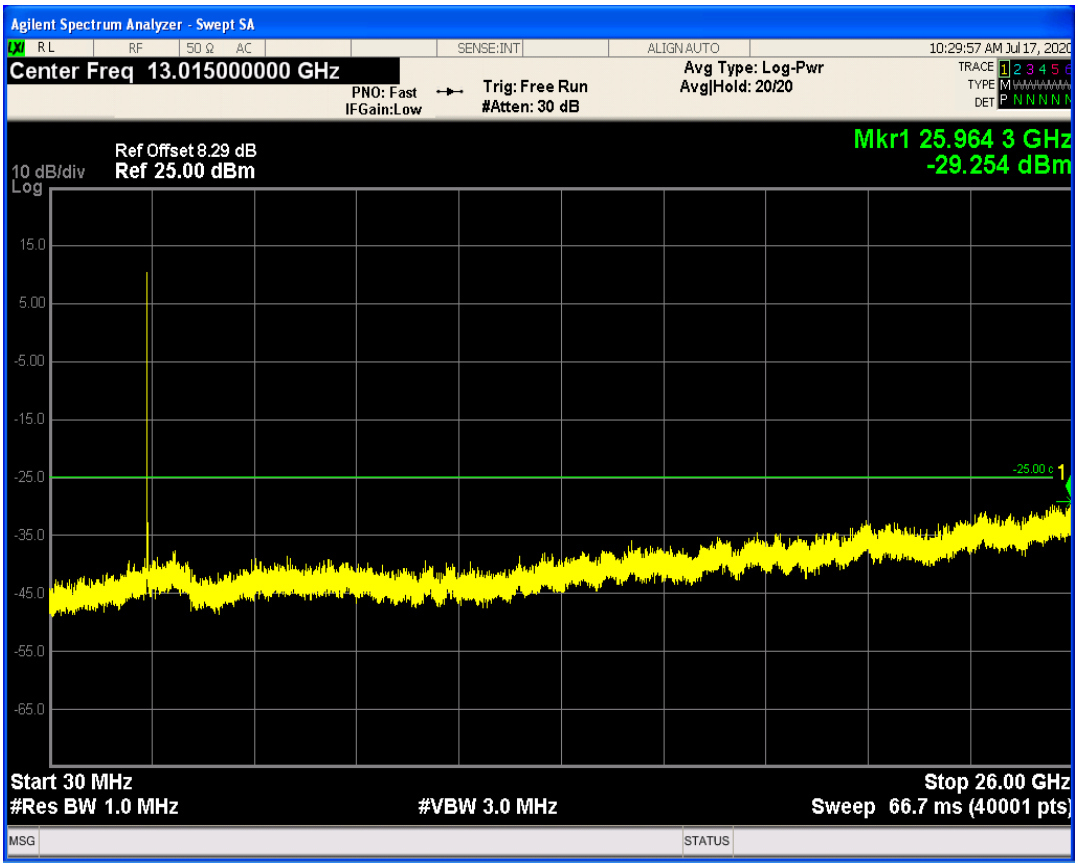
LTE Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0



LTE Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0



LTE Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



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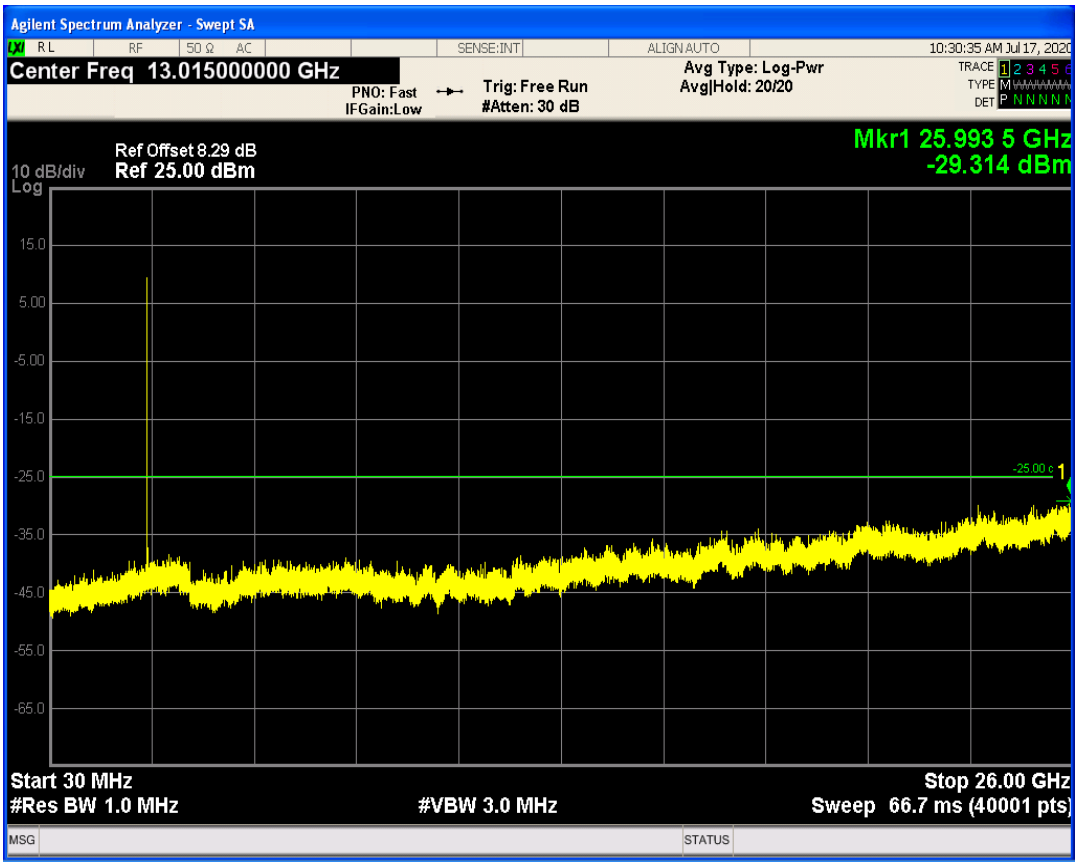

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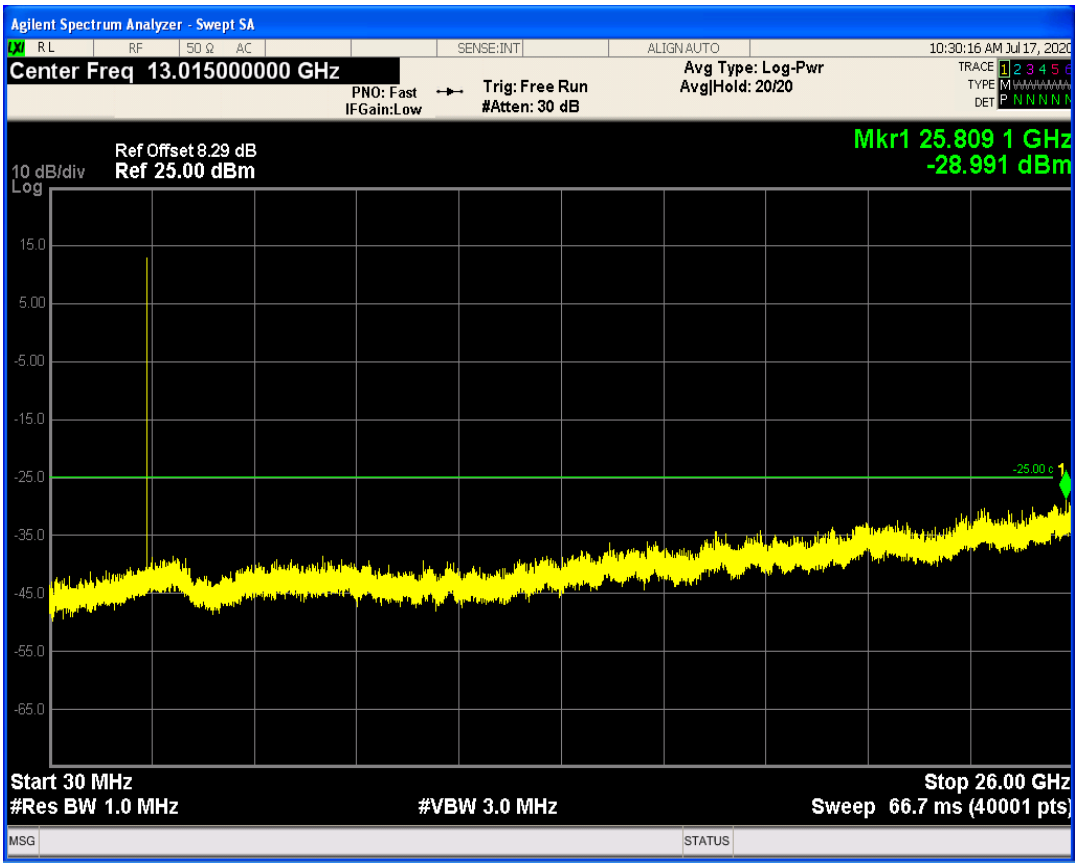
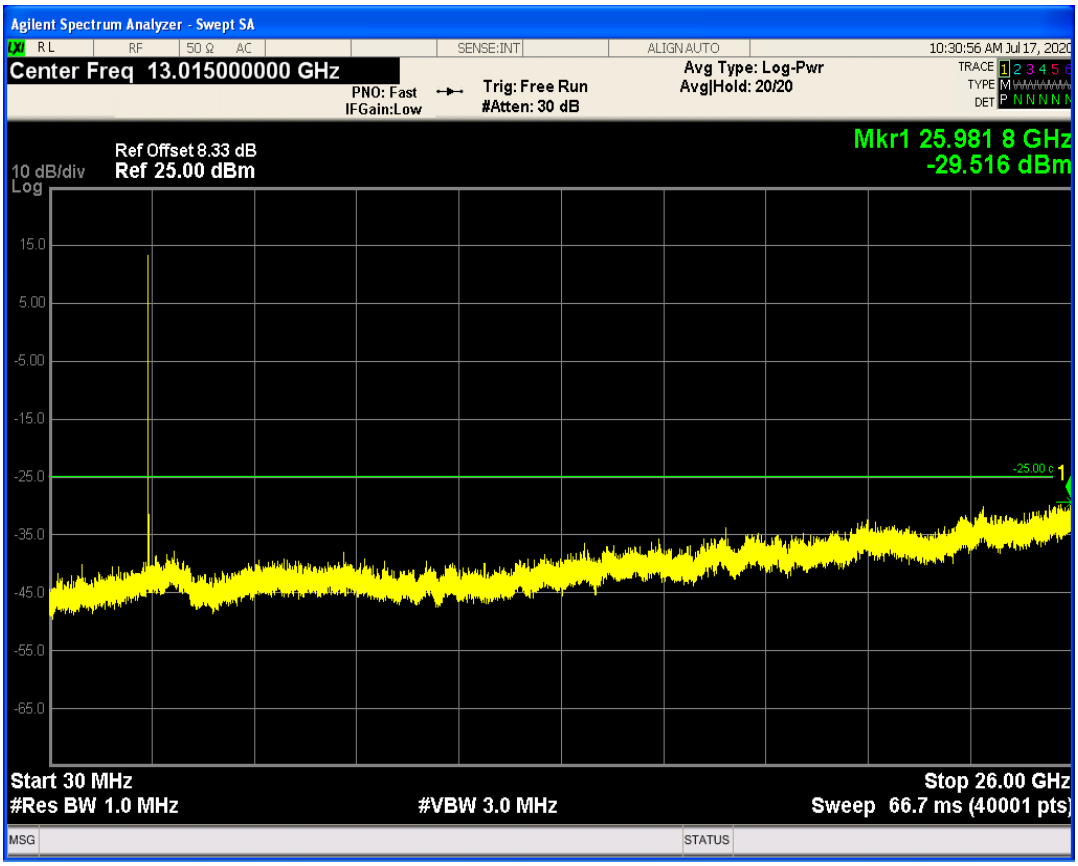


LTE Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



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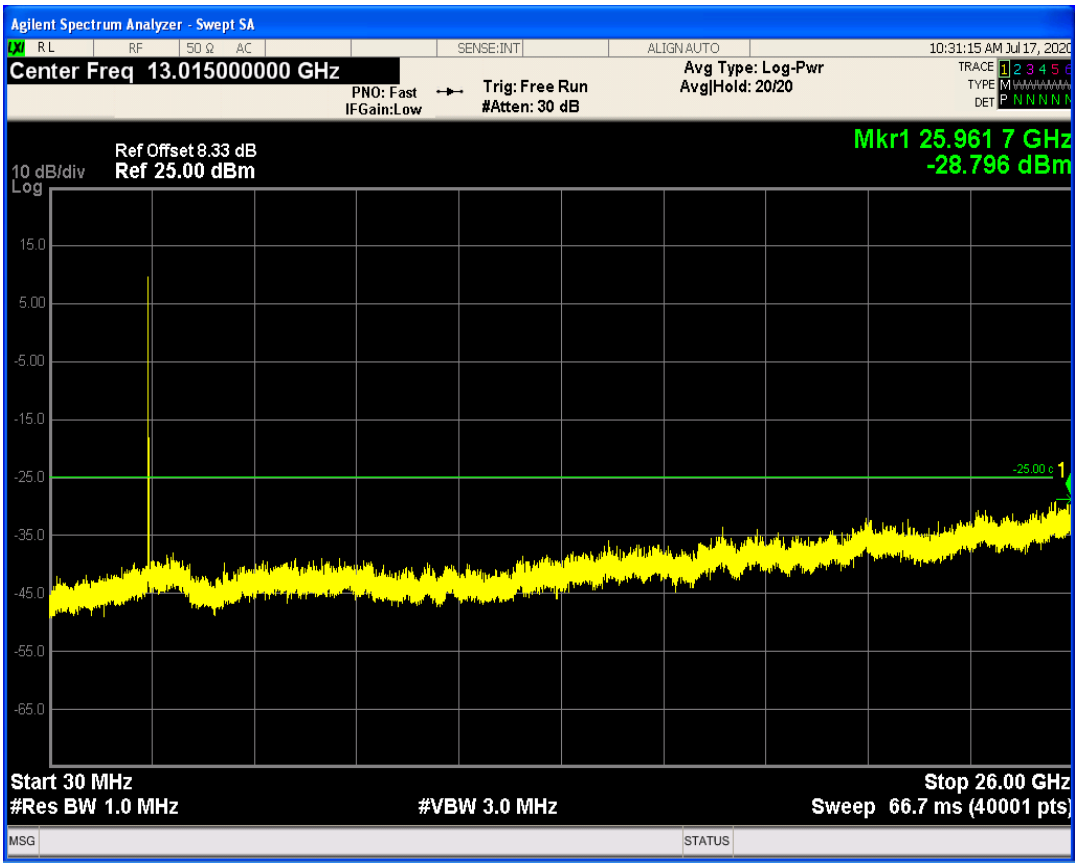

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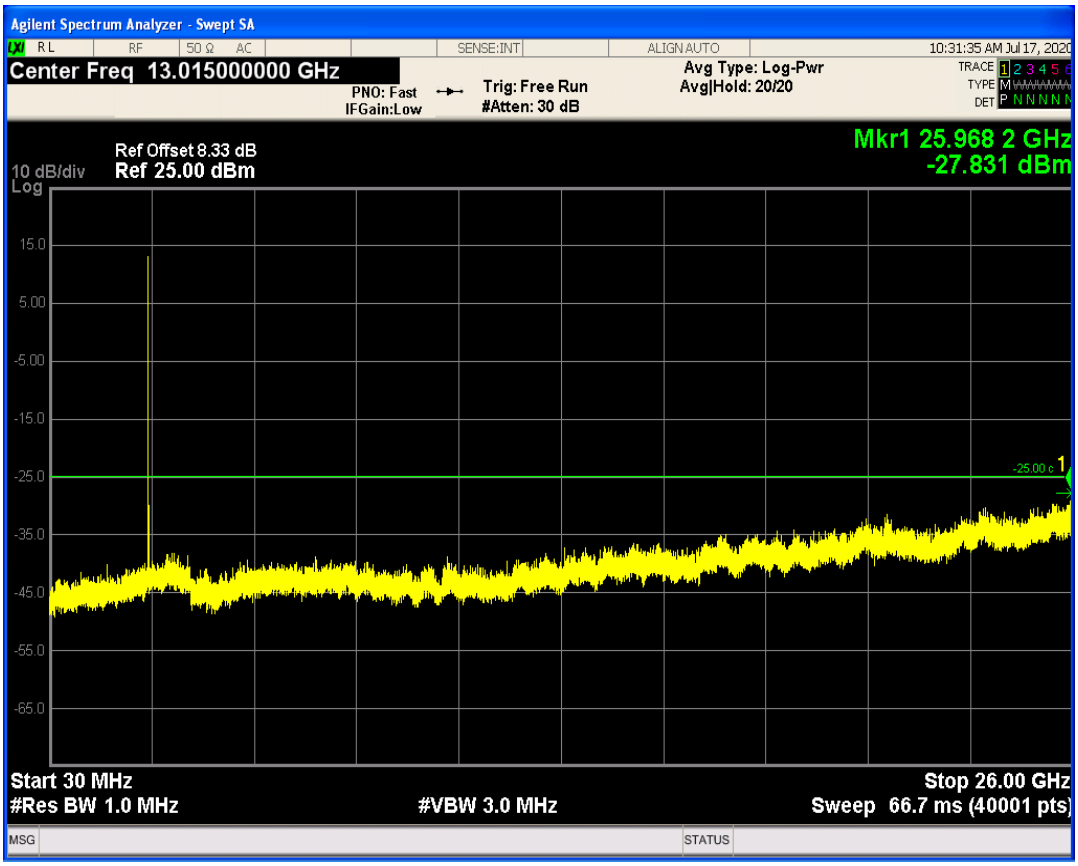

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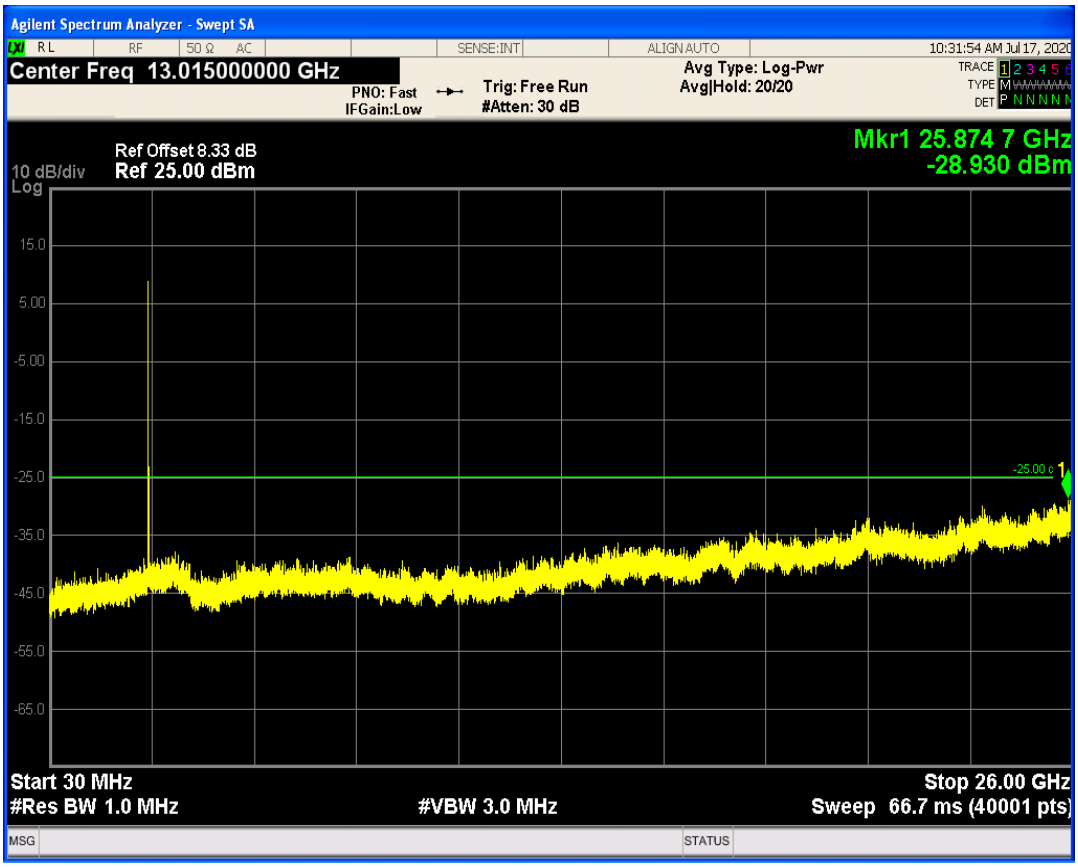
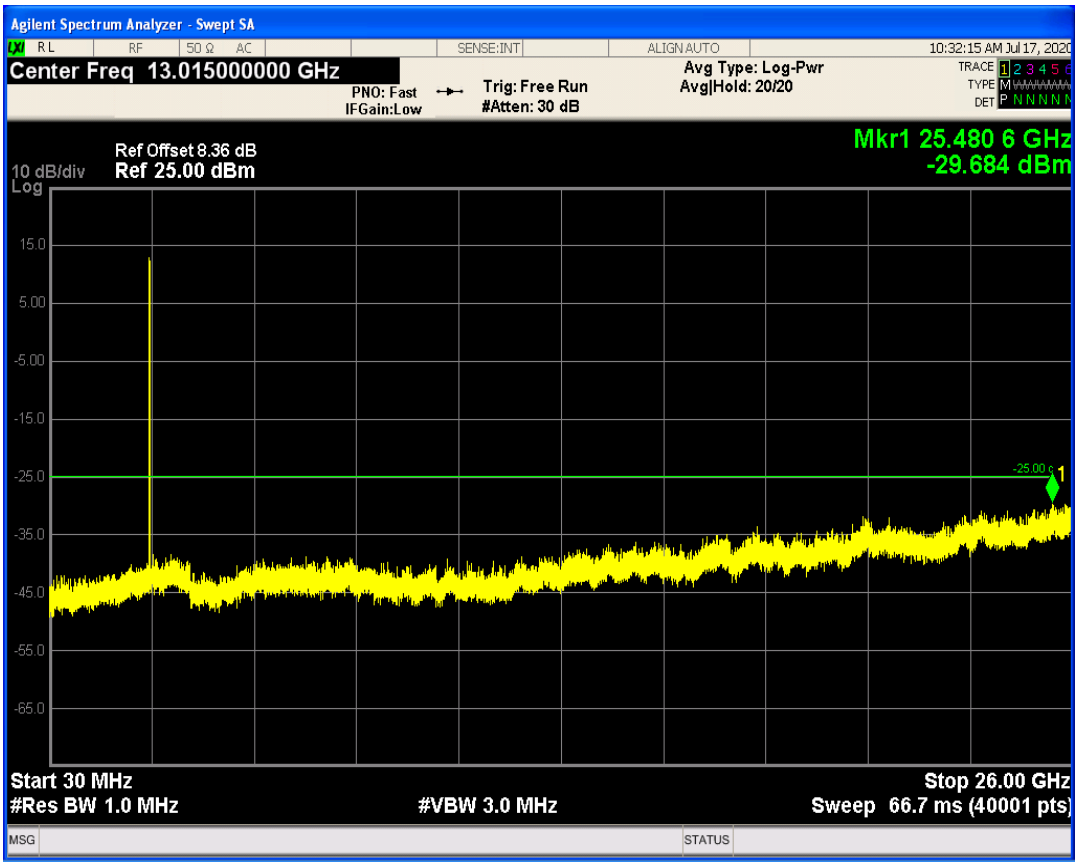


LTE Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0



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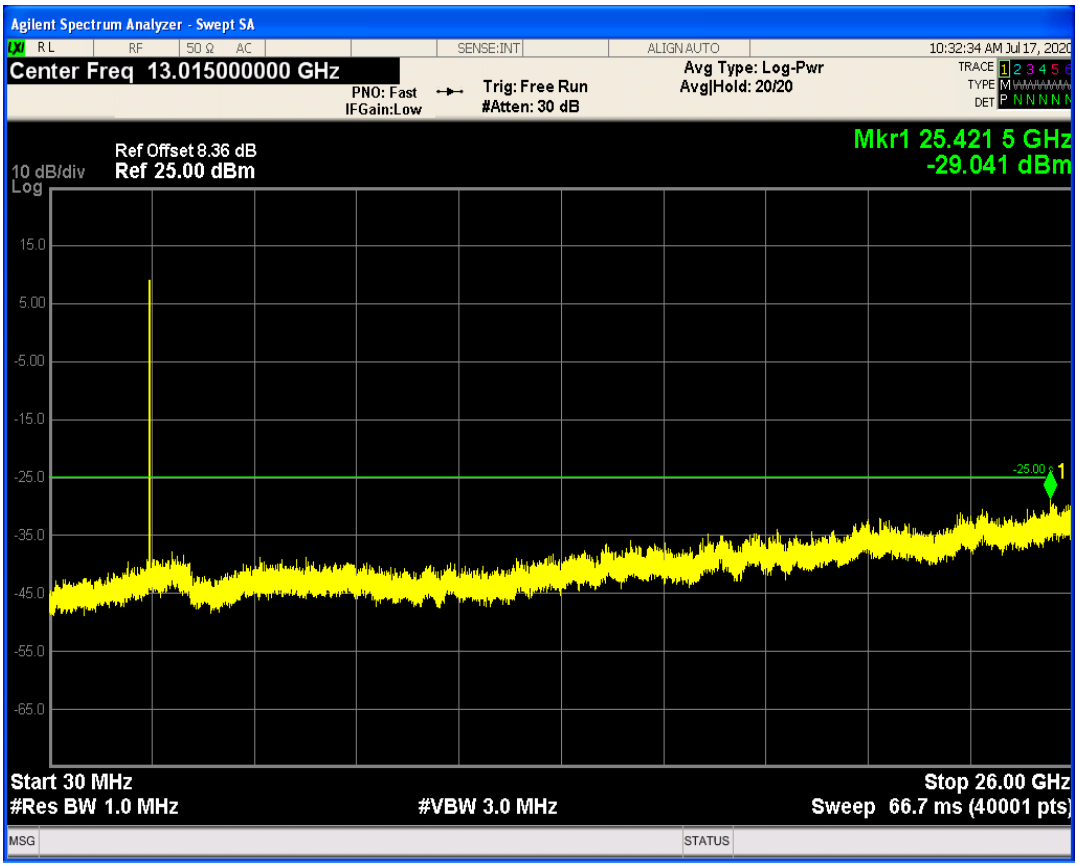

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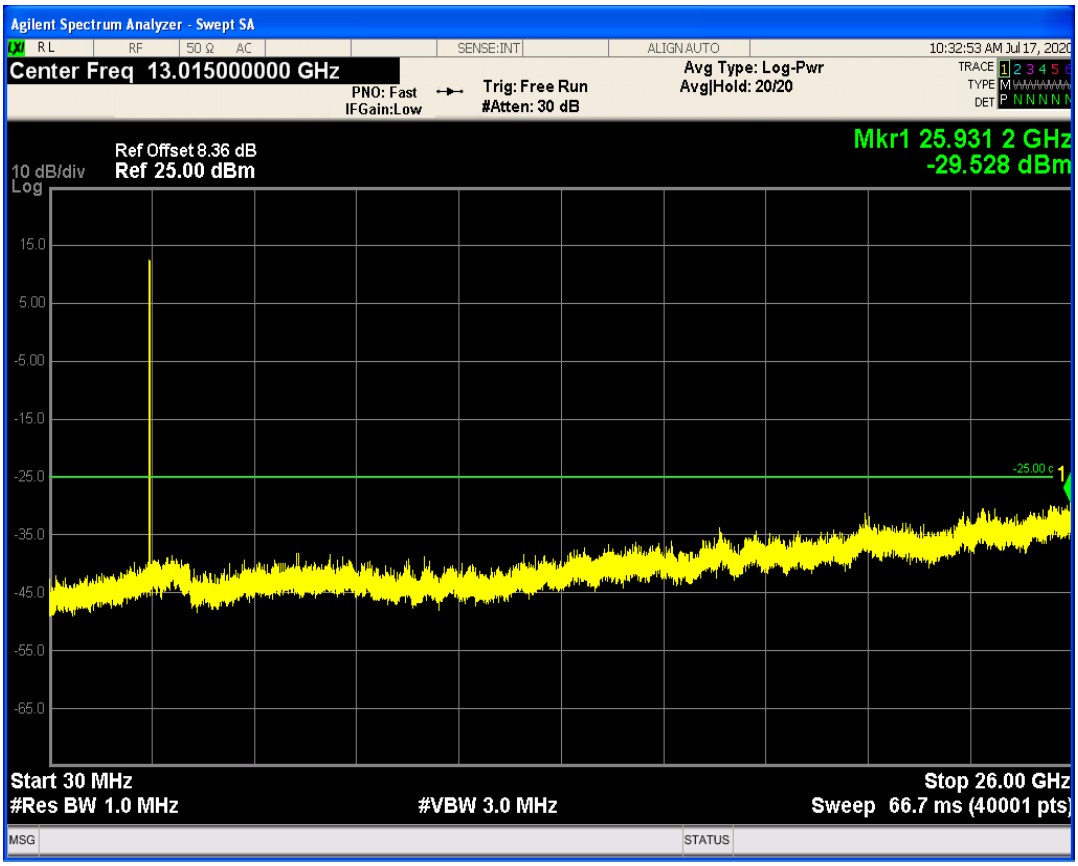

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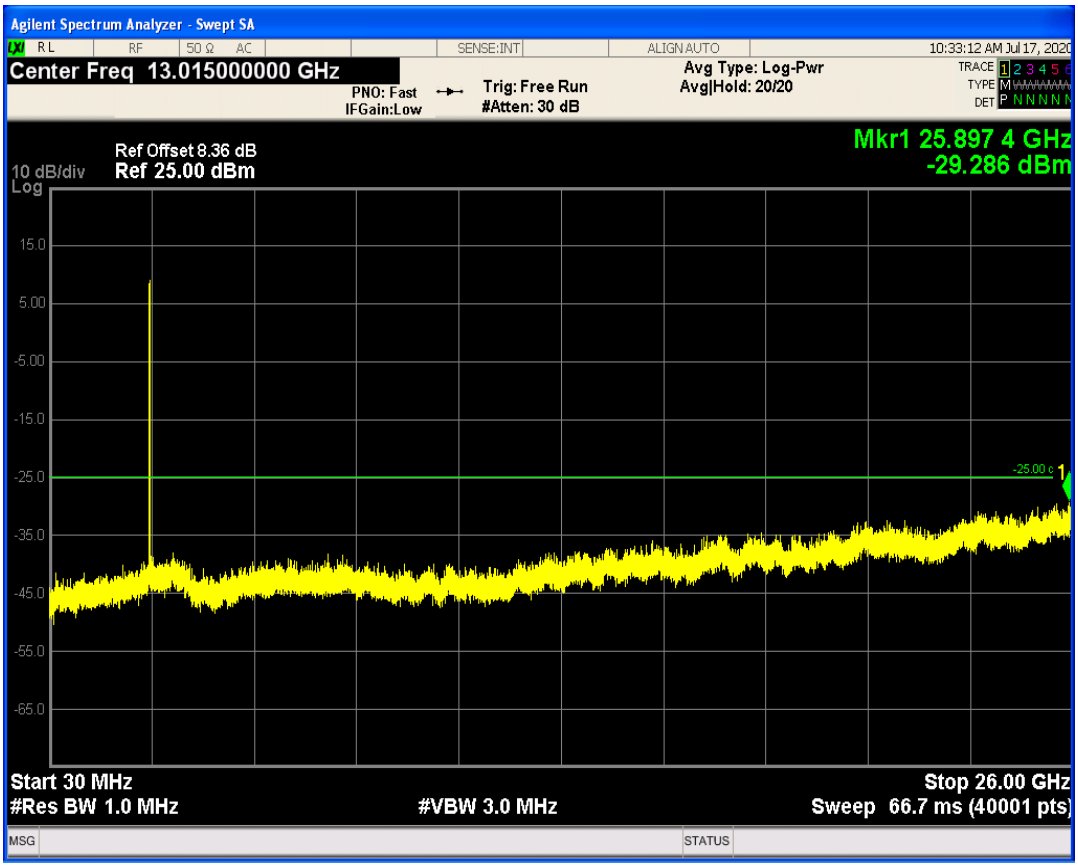
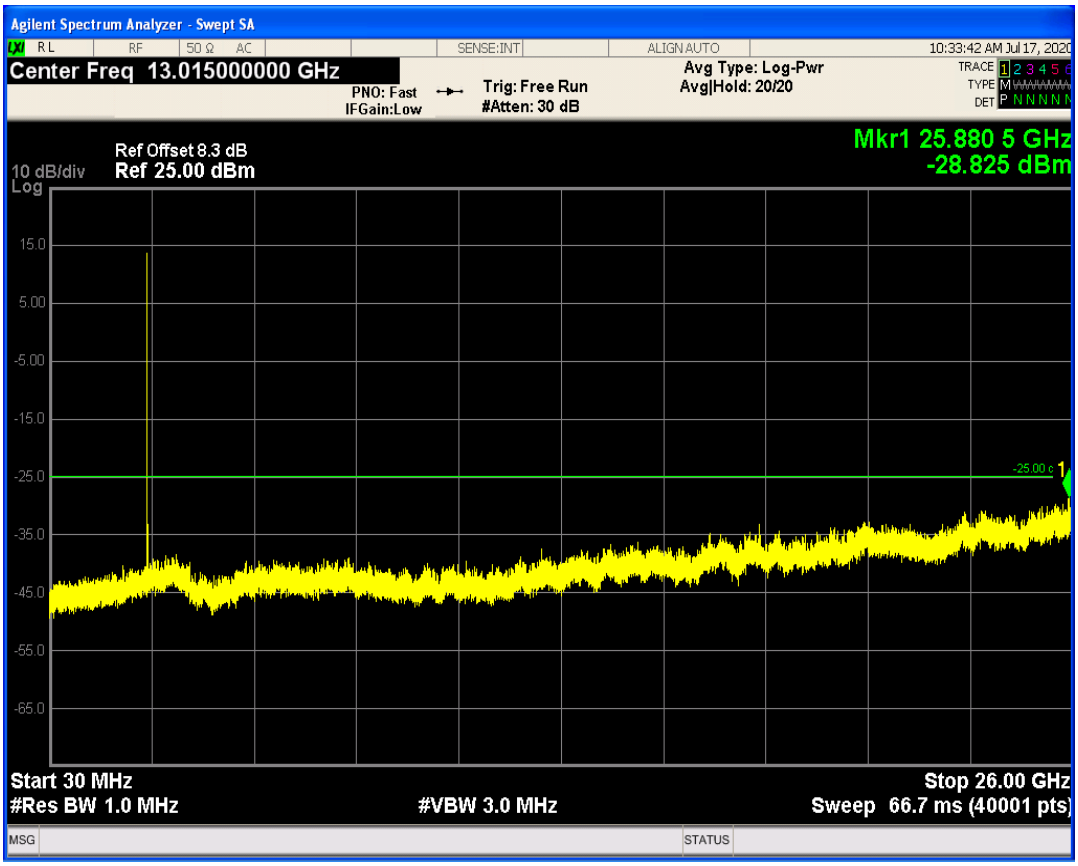


LTE Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0



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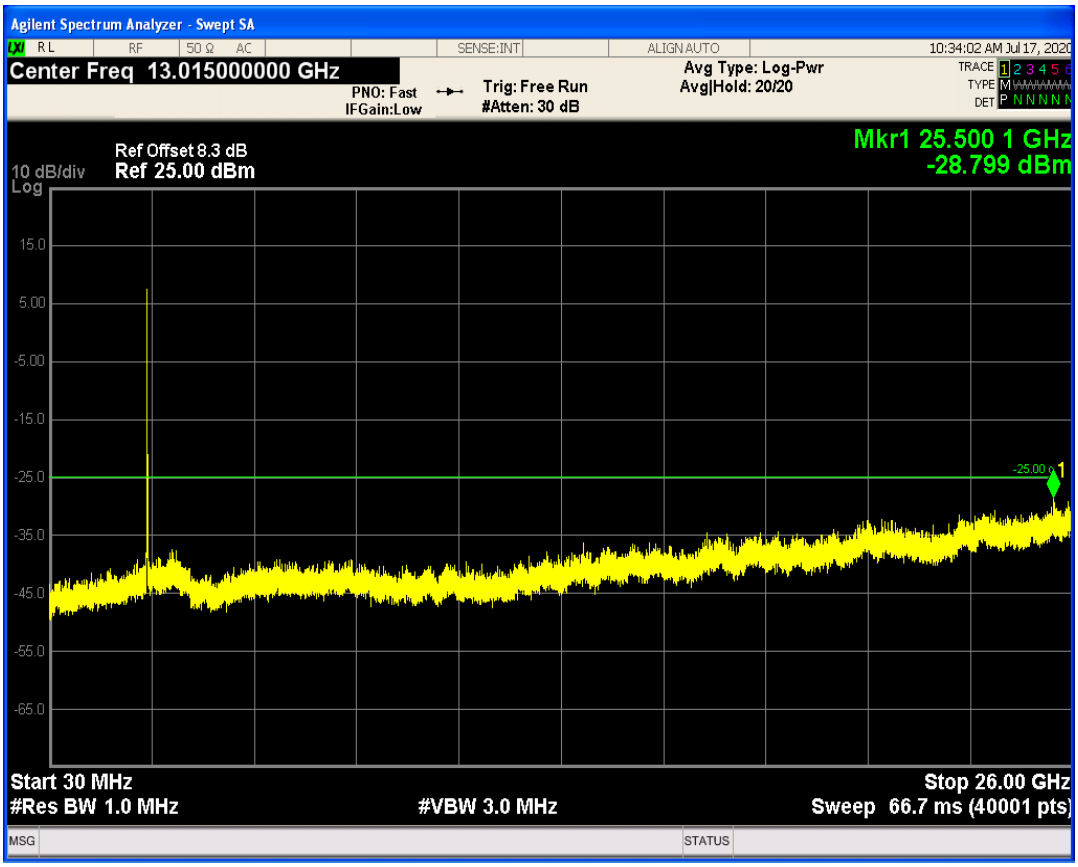

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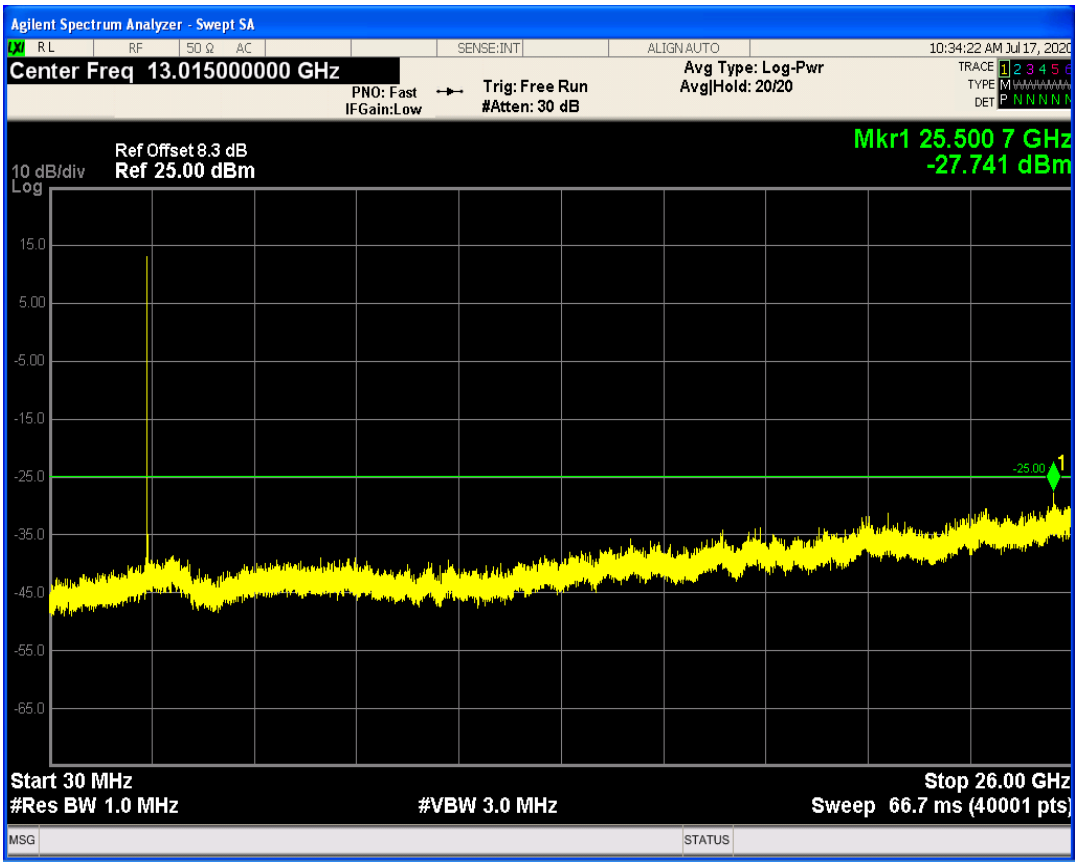

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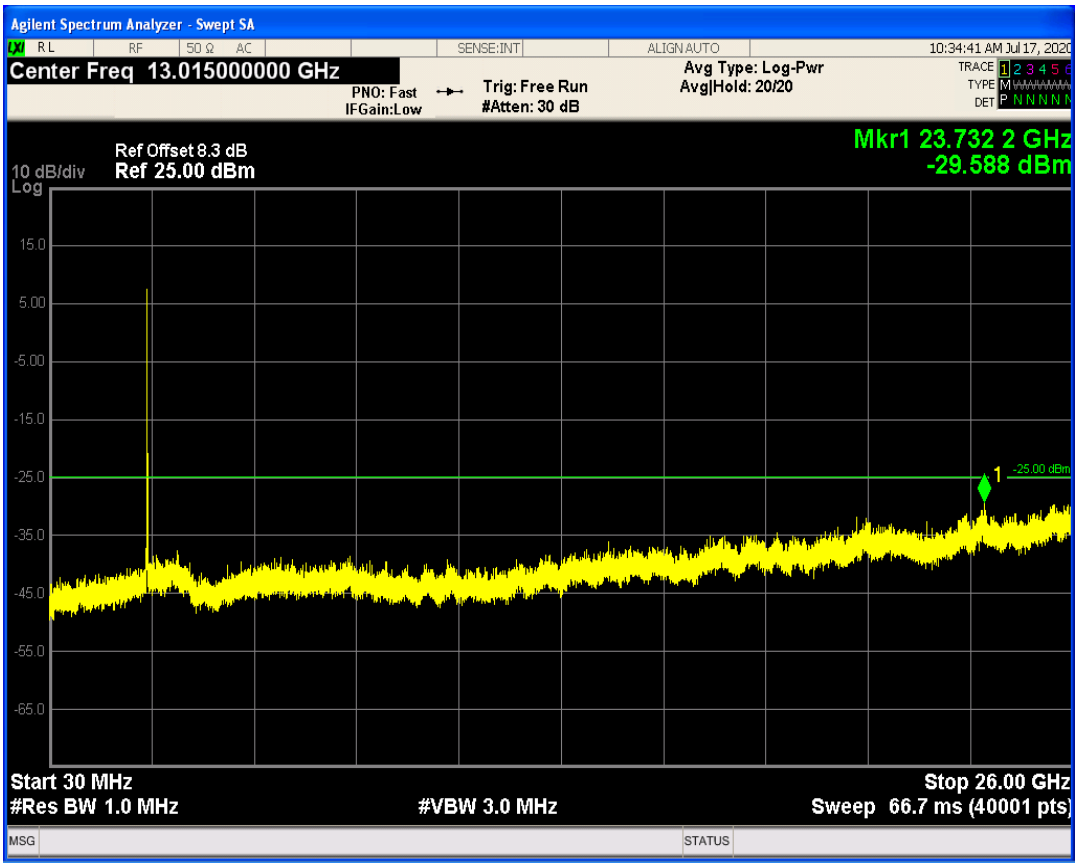
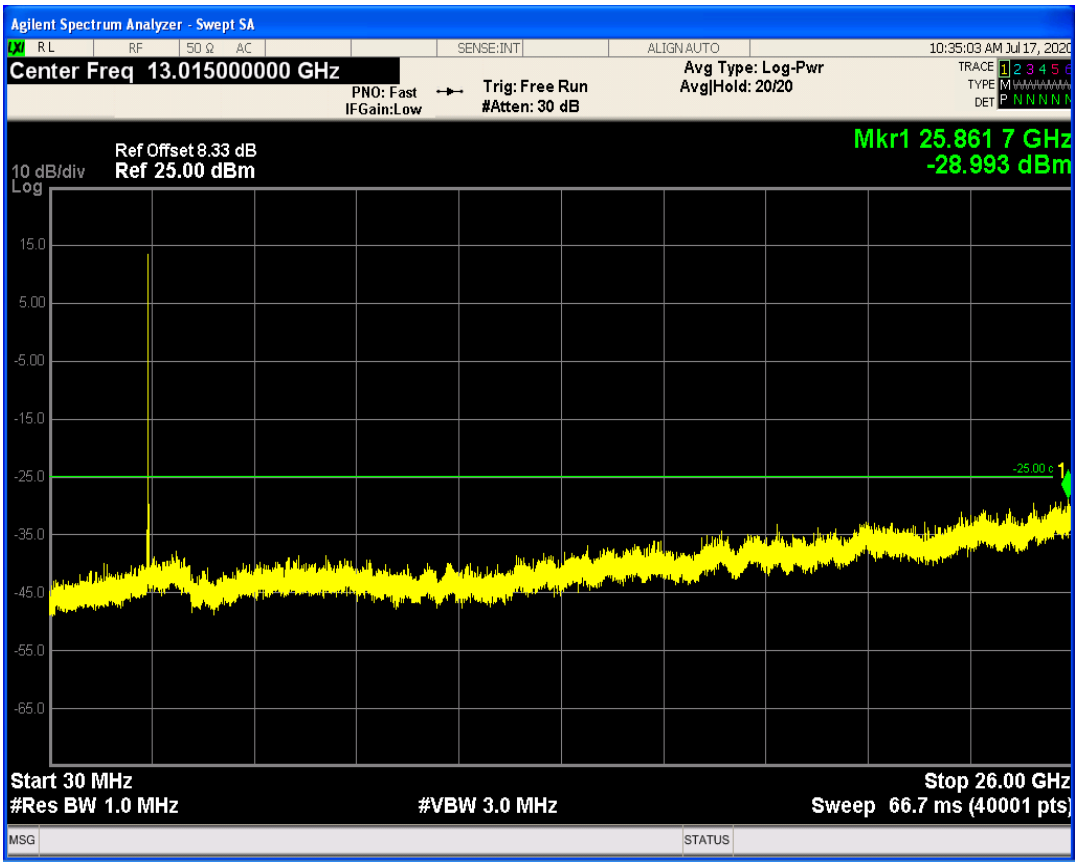
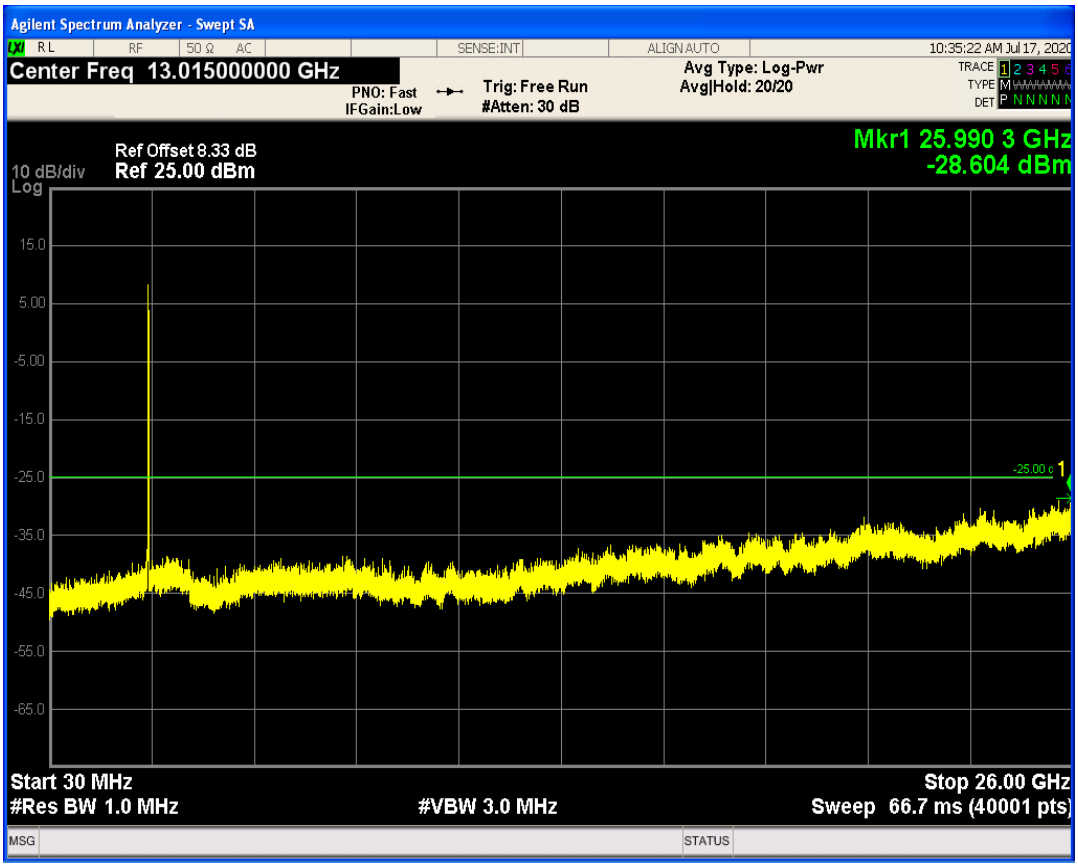


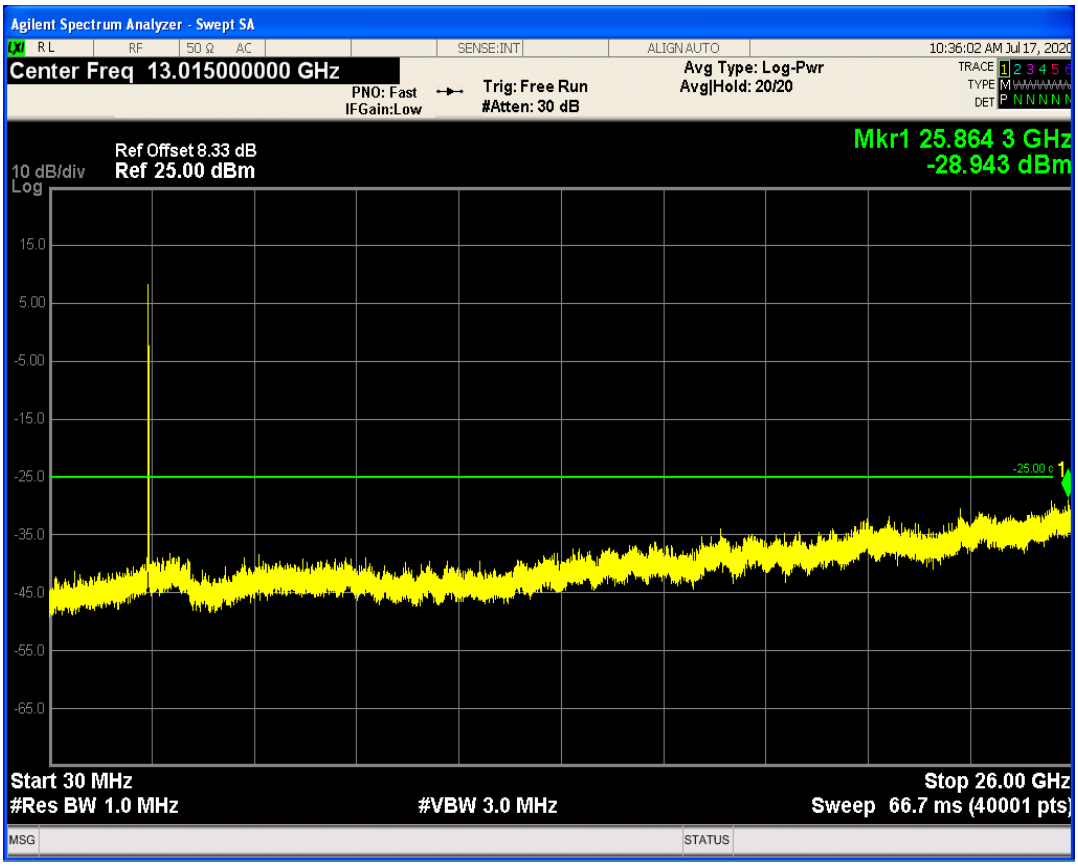
LTE Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



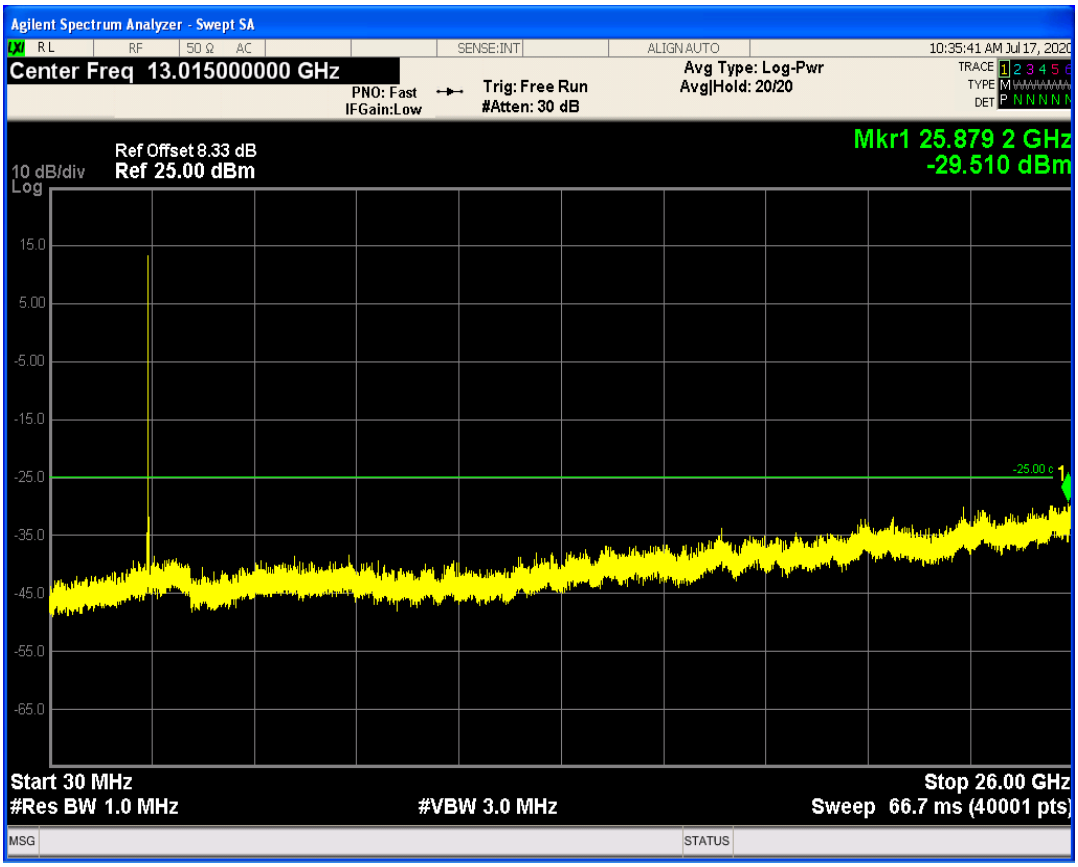
LTE Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



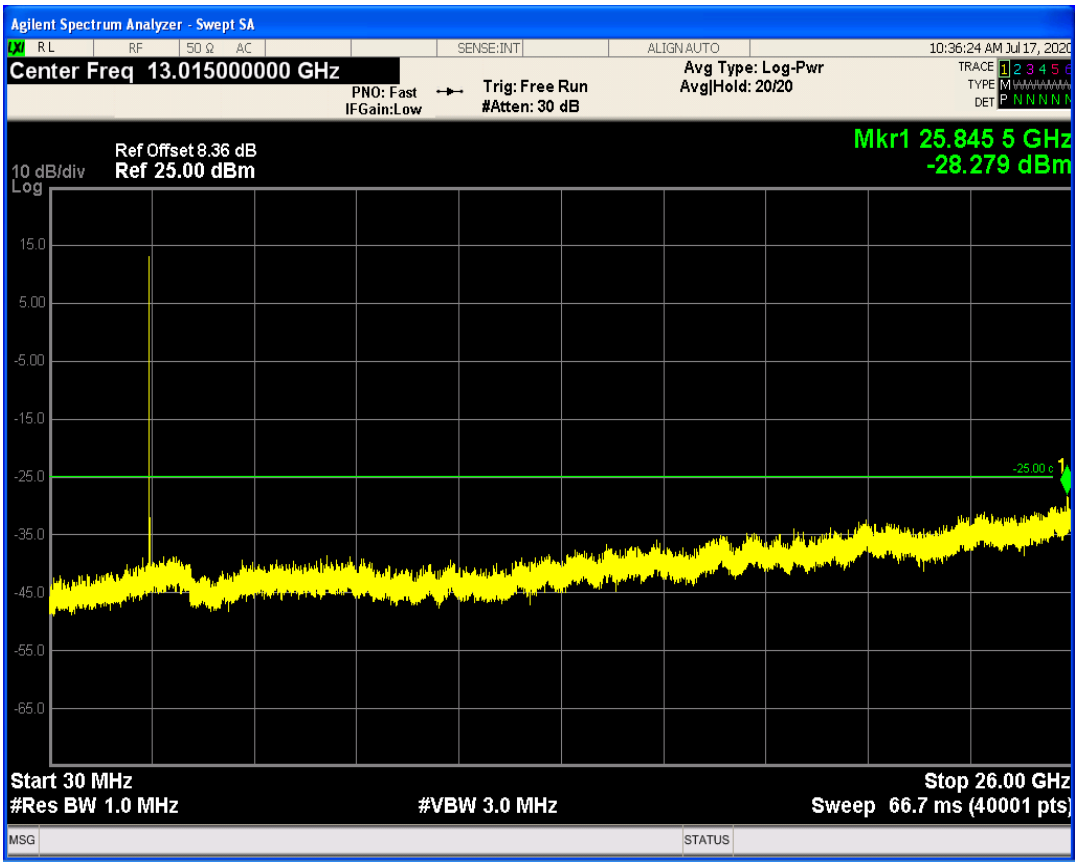
LTE Band7 QAM16 BW=10MHz Channel=21100 RB Size=50 Position=#0



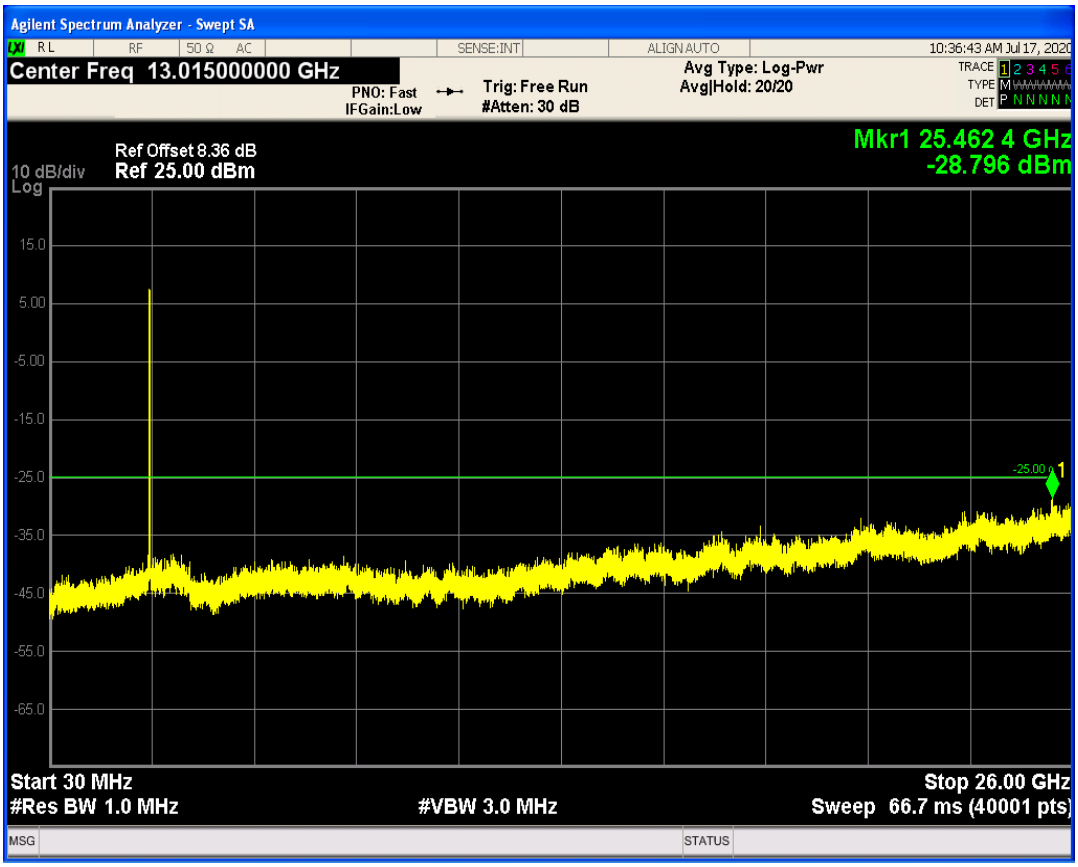
LTE Band7 QAM16 BW=10MHz Channel=21100 RB Size=1 Position=#0



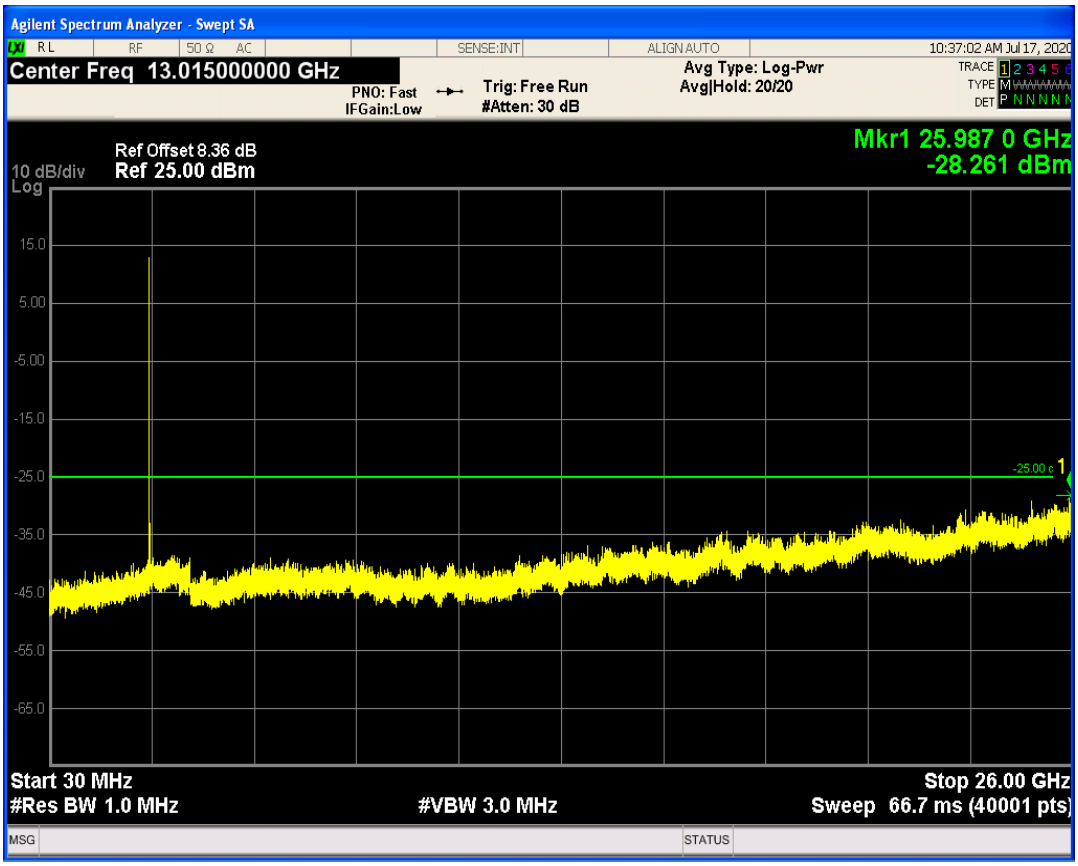
LTE Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0



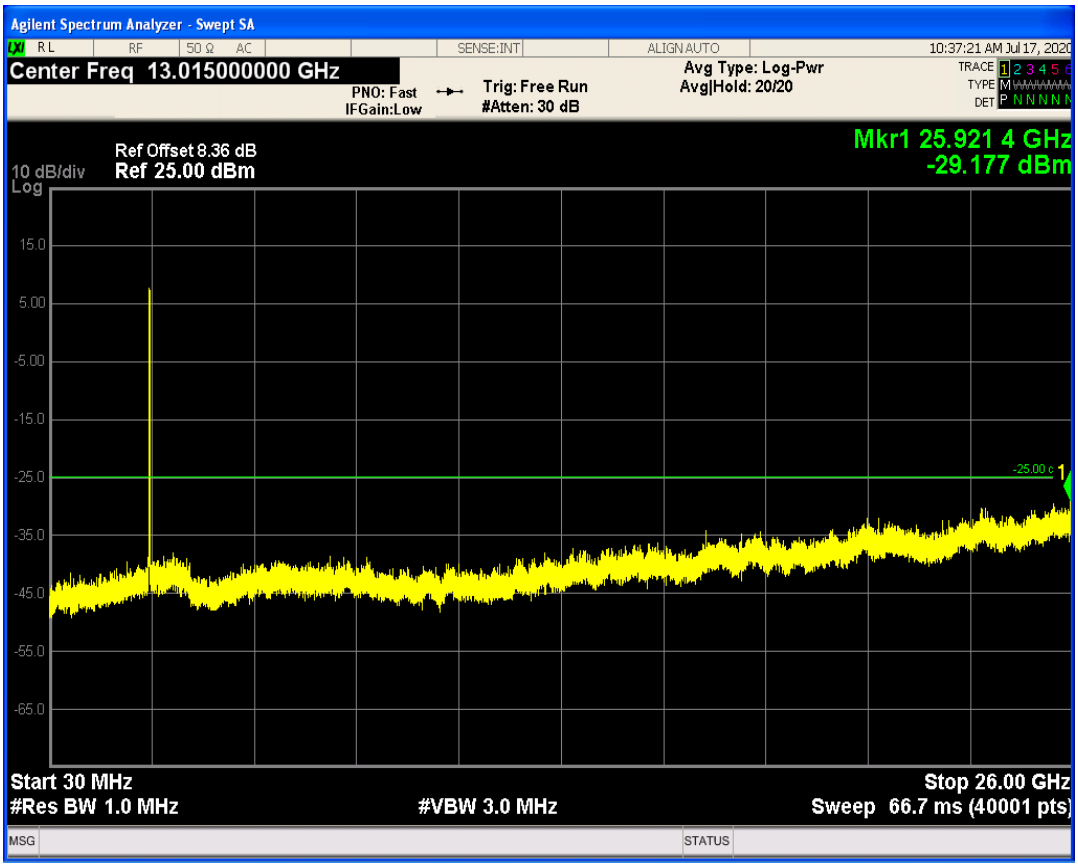
LTE Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



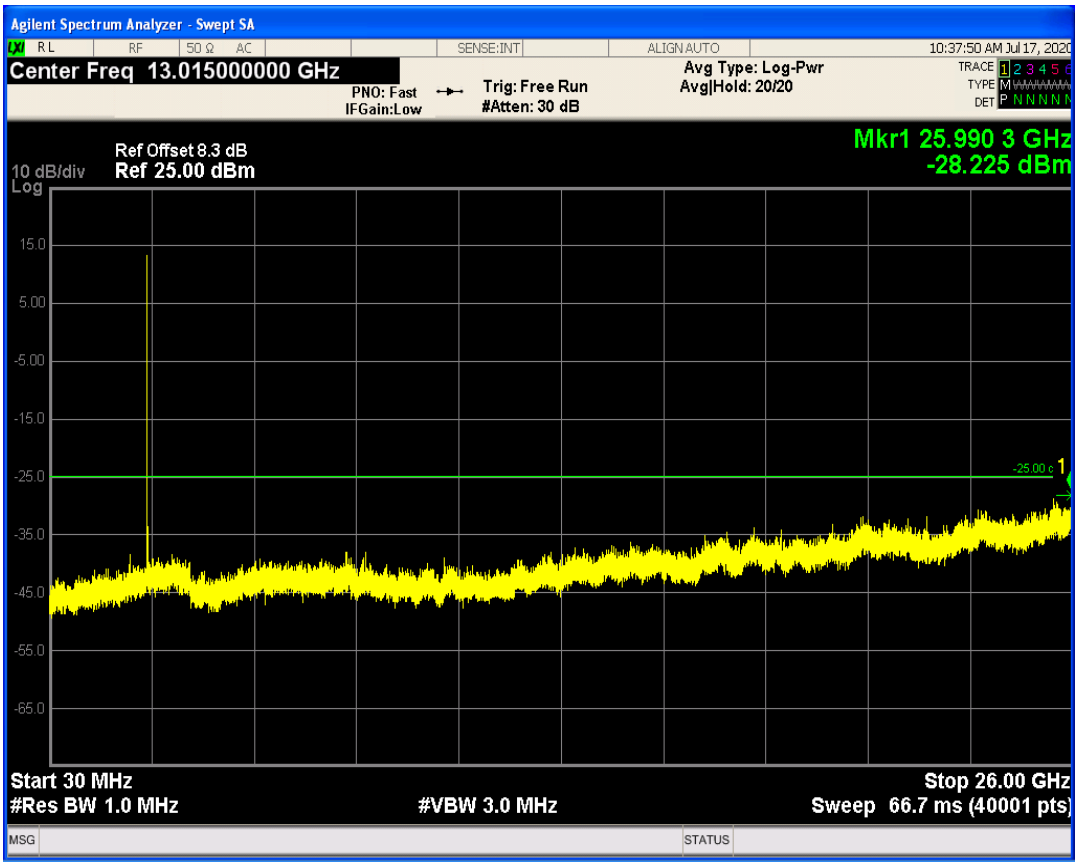
LTE Band7 QAM16 BW=10MHz Channel=21400 RB Size=1 Position=#0



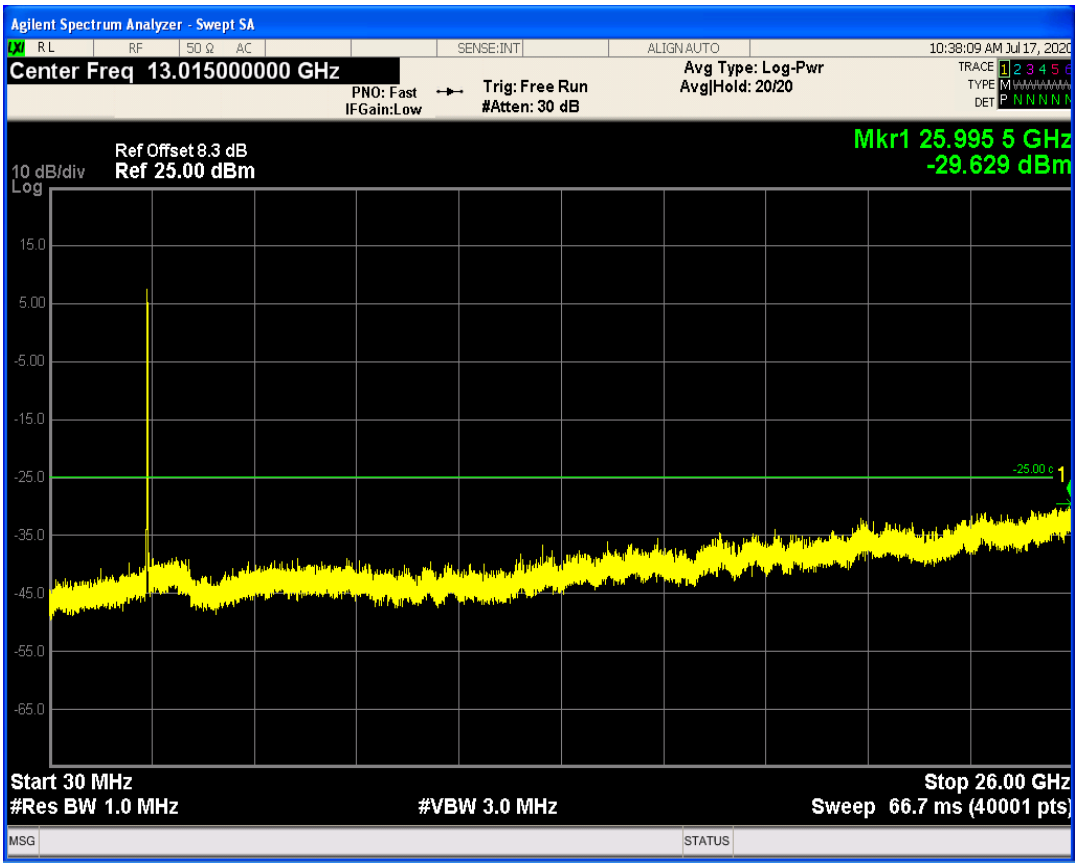
LTE Band7 QAM16 BW=10MHz Channel=21400 RB Size=50 Position=#0



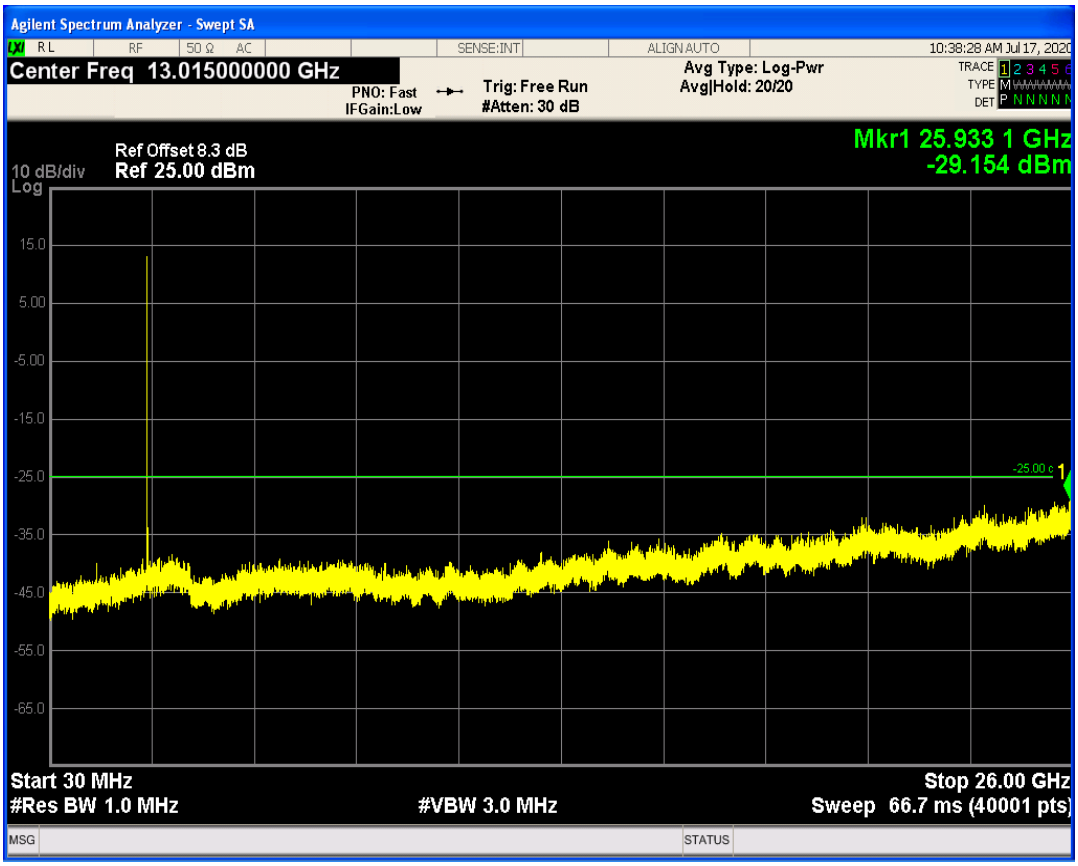
LTE Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0



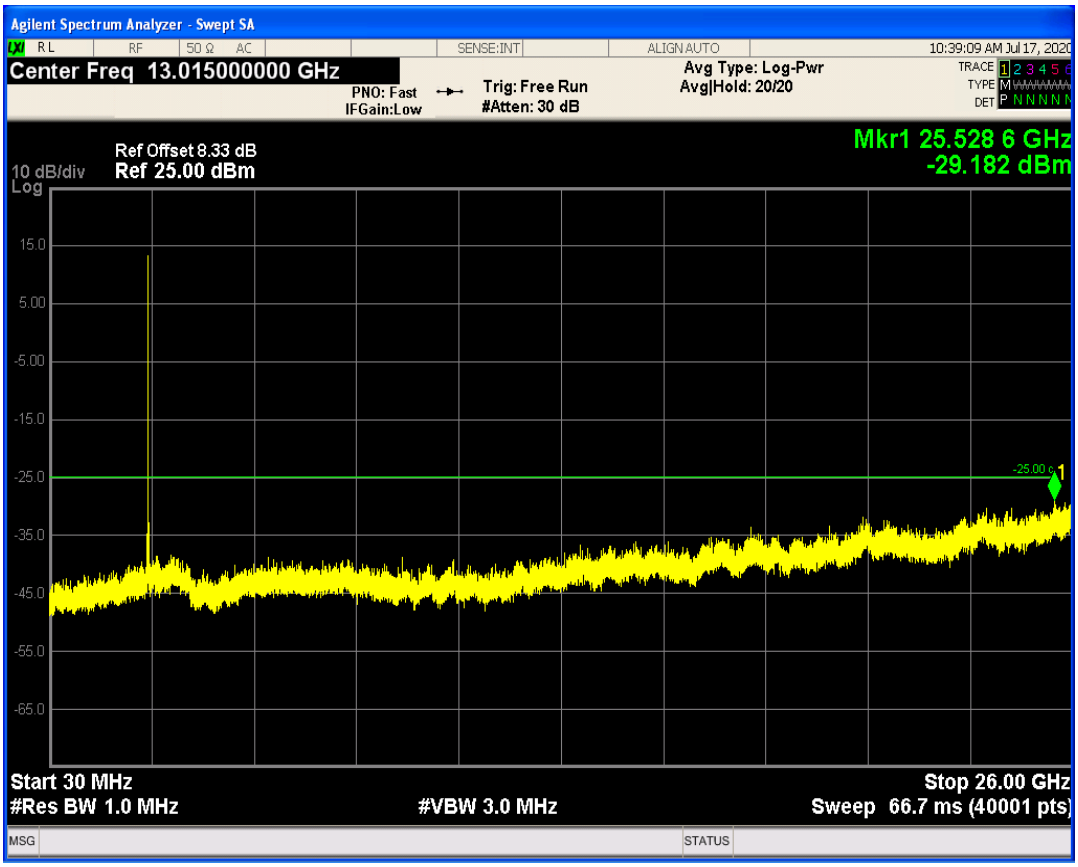
LTE Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



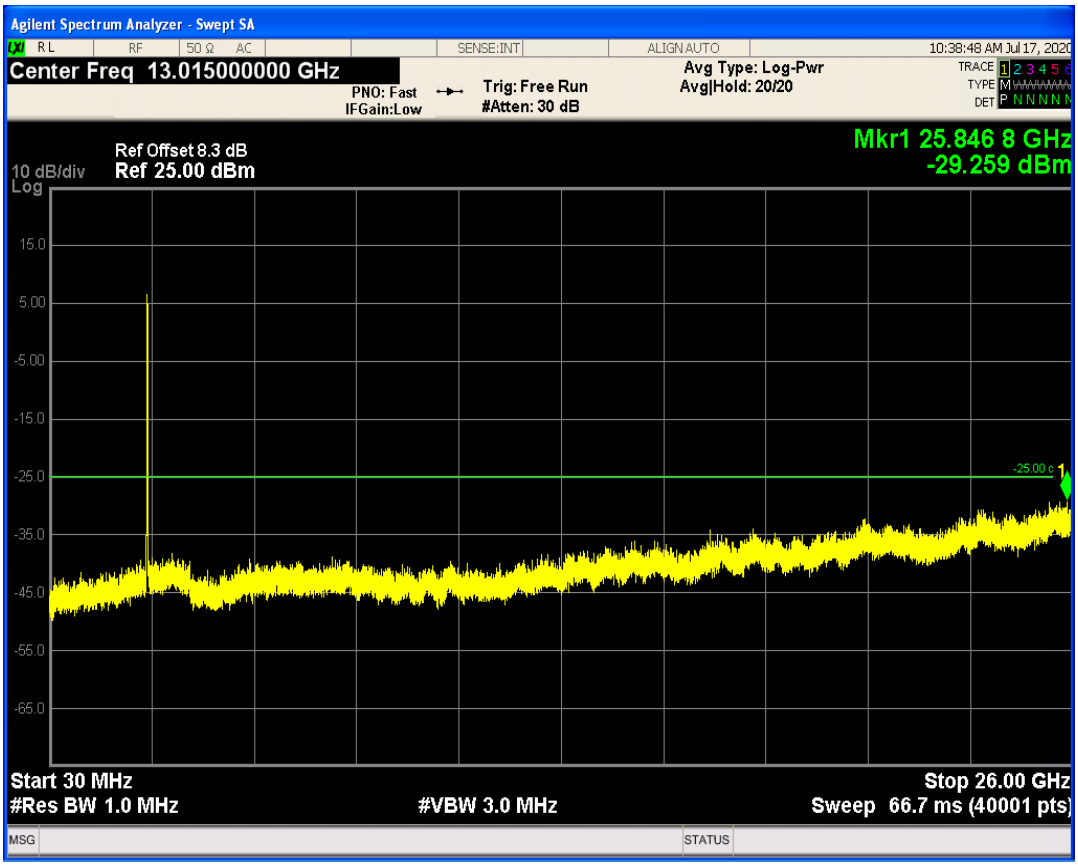
LTE Band7 QAM16 BW=15MHz Channel=20825 RB Size=1 Position=#0



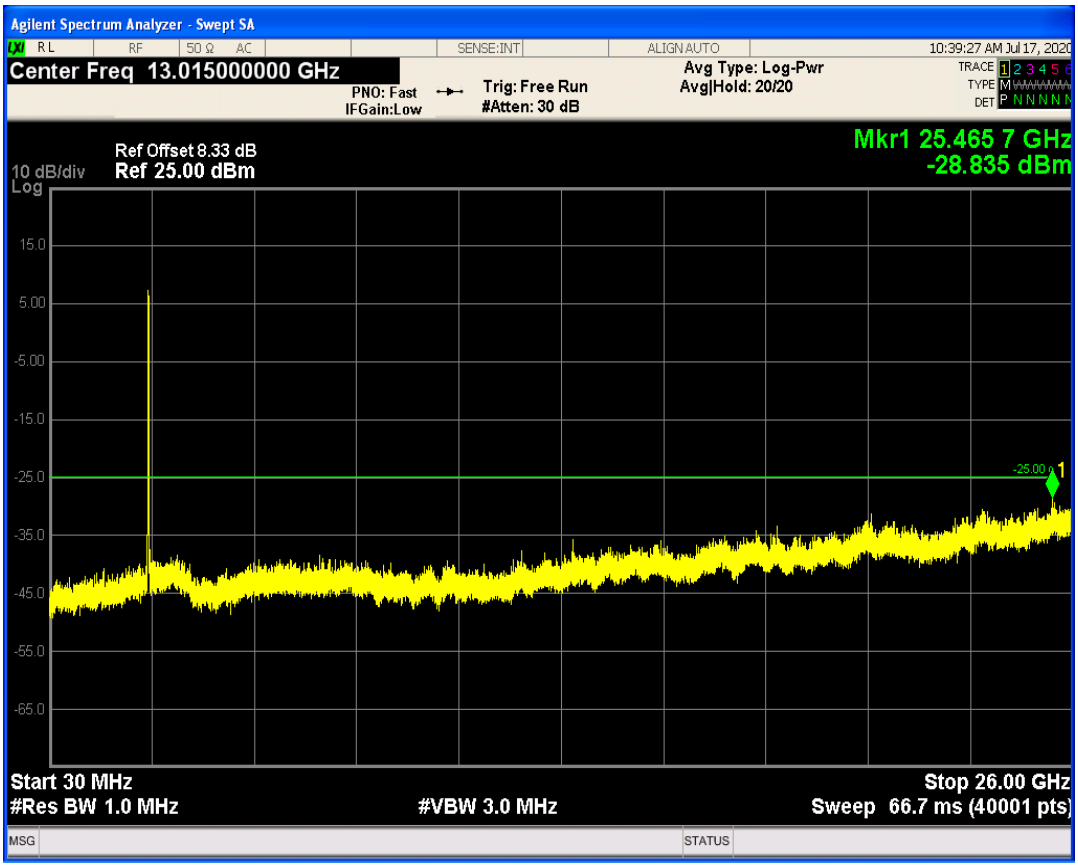
LTE Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



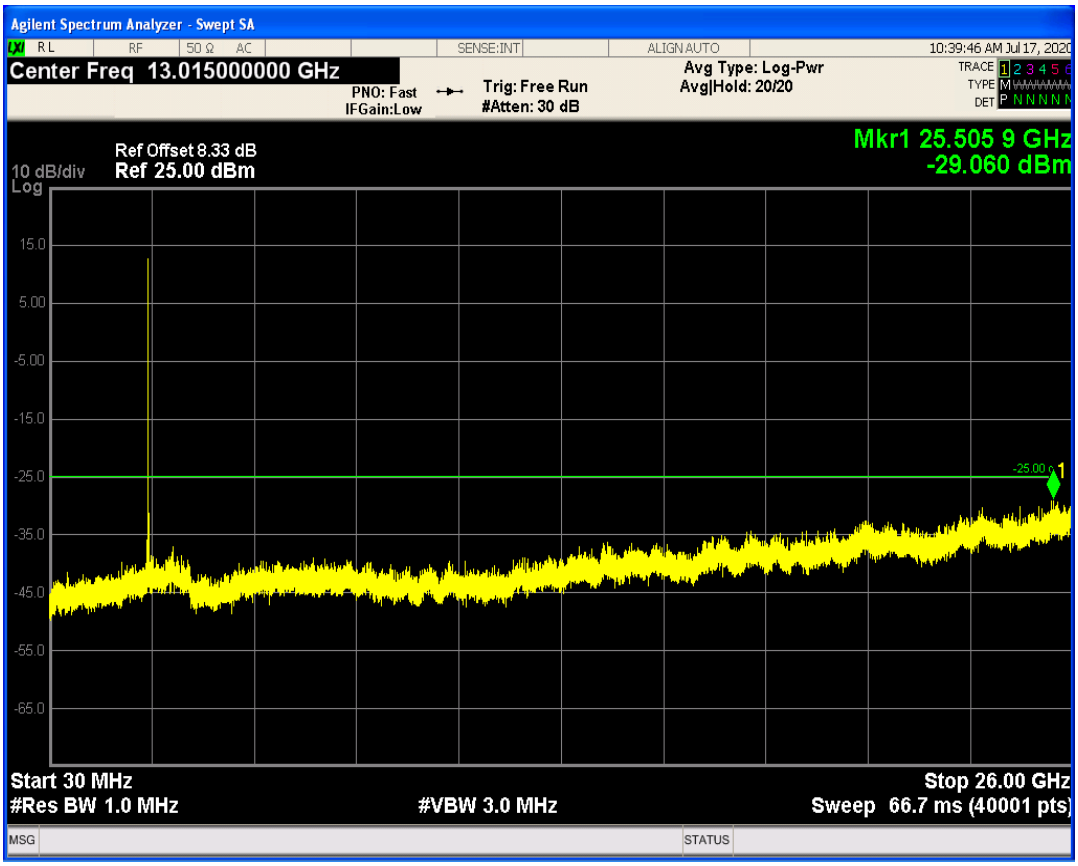
LTE Band7 QAM16 BW=15MHz Channel=20825 RB Size=75 Position=#0



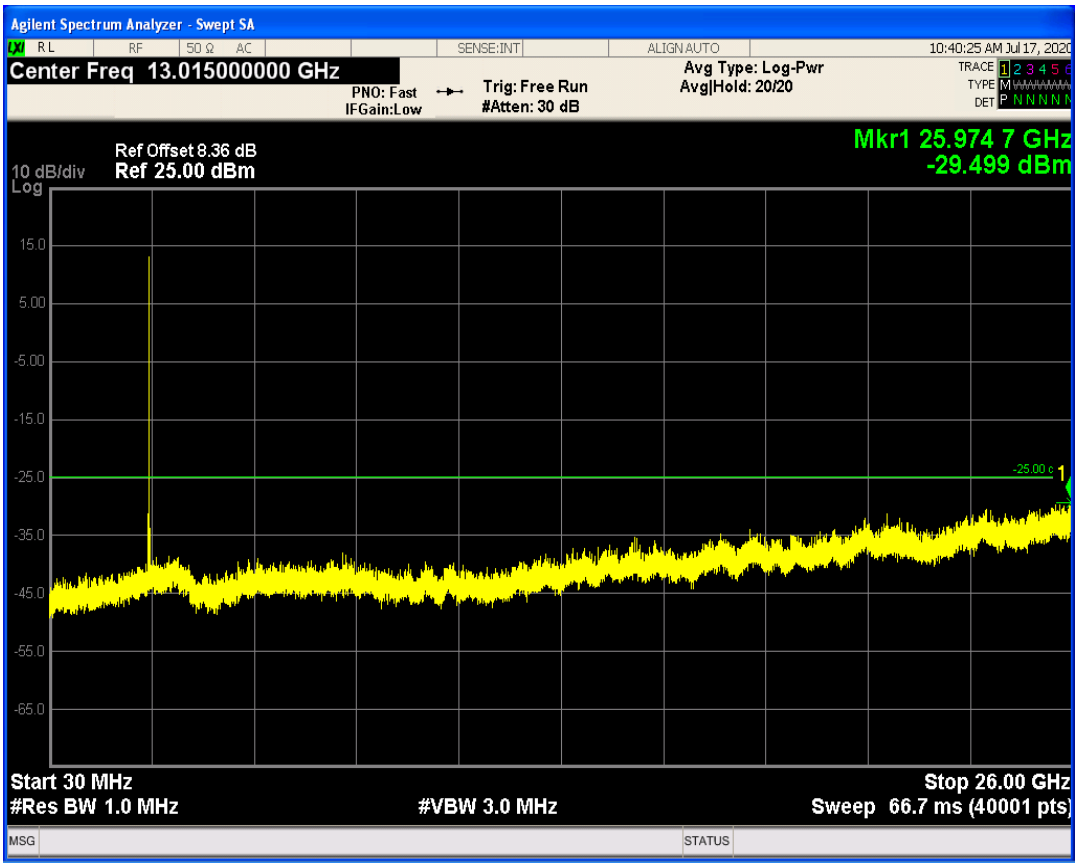
LTE Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



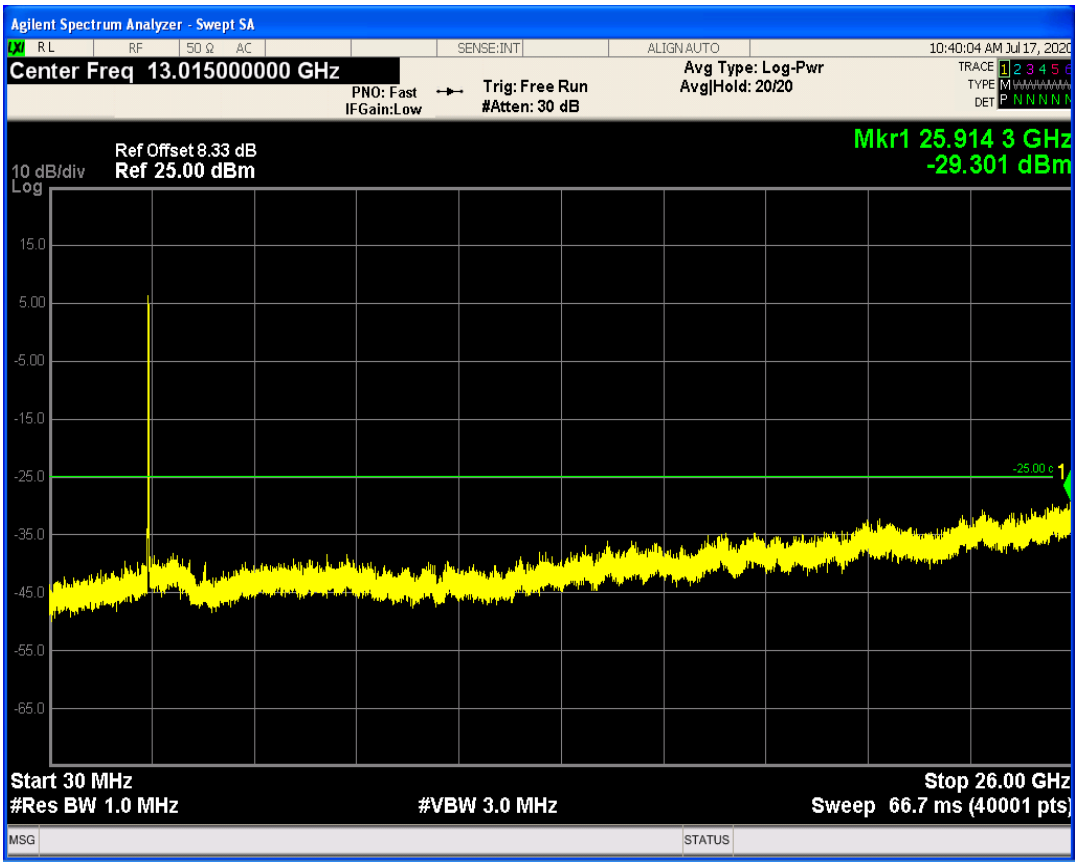
LTE Band7 QAM16 BW=15MHz Channel=21100 RB Size=1 Position=#0



LTE Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0



LTE Band7 QAM16 BW=15MHz Channel=21100 RB Size=75 Position=#0



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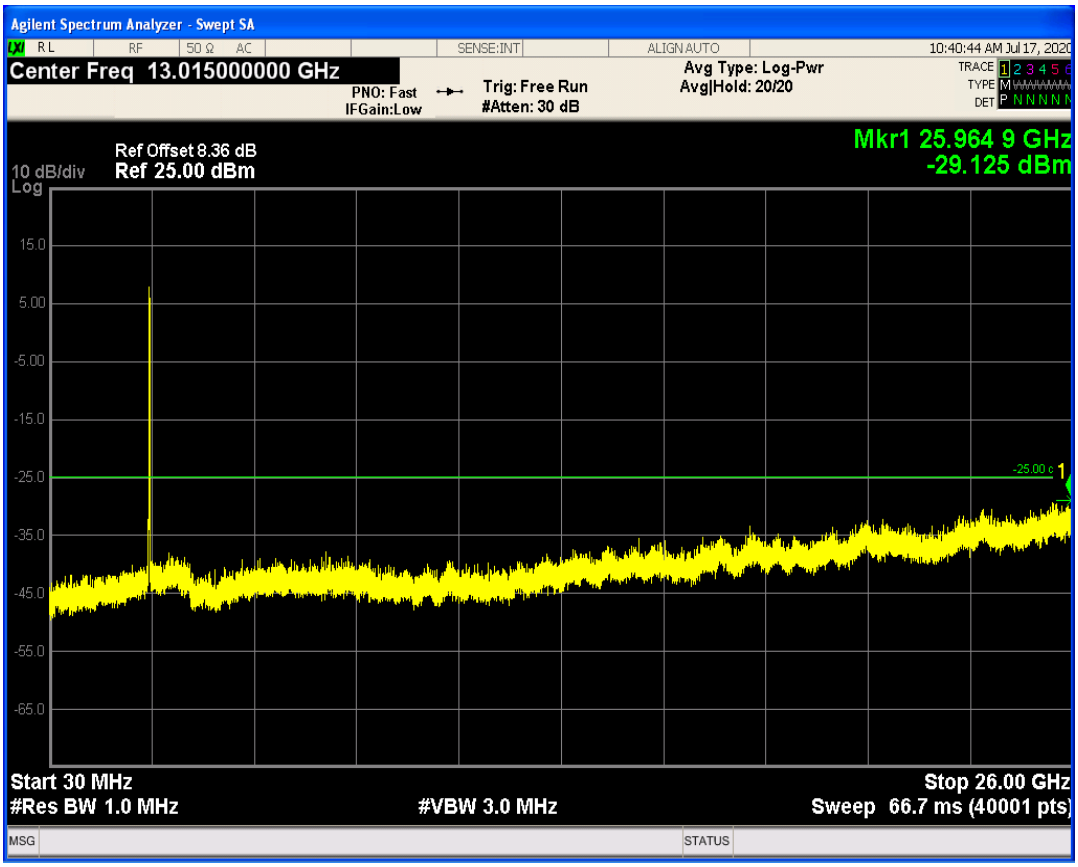

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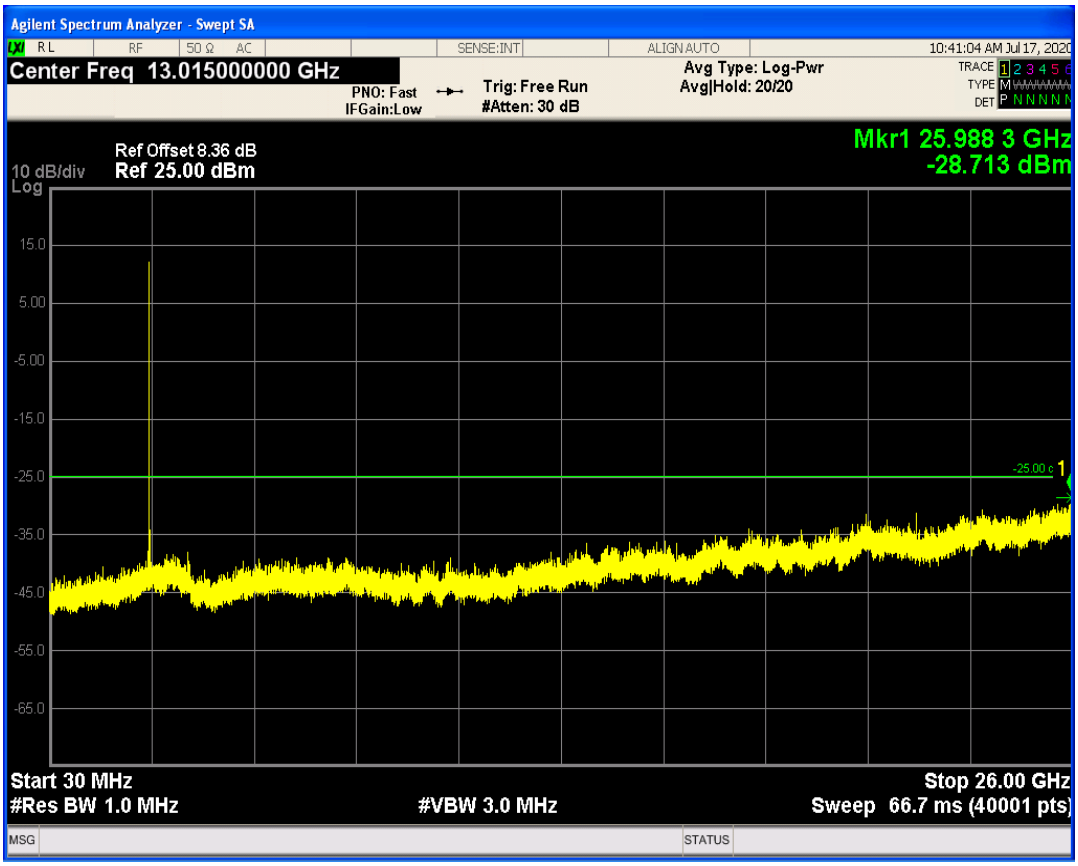
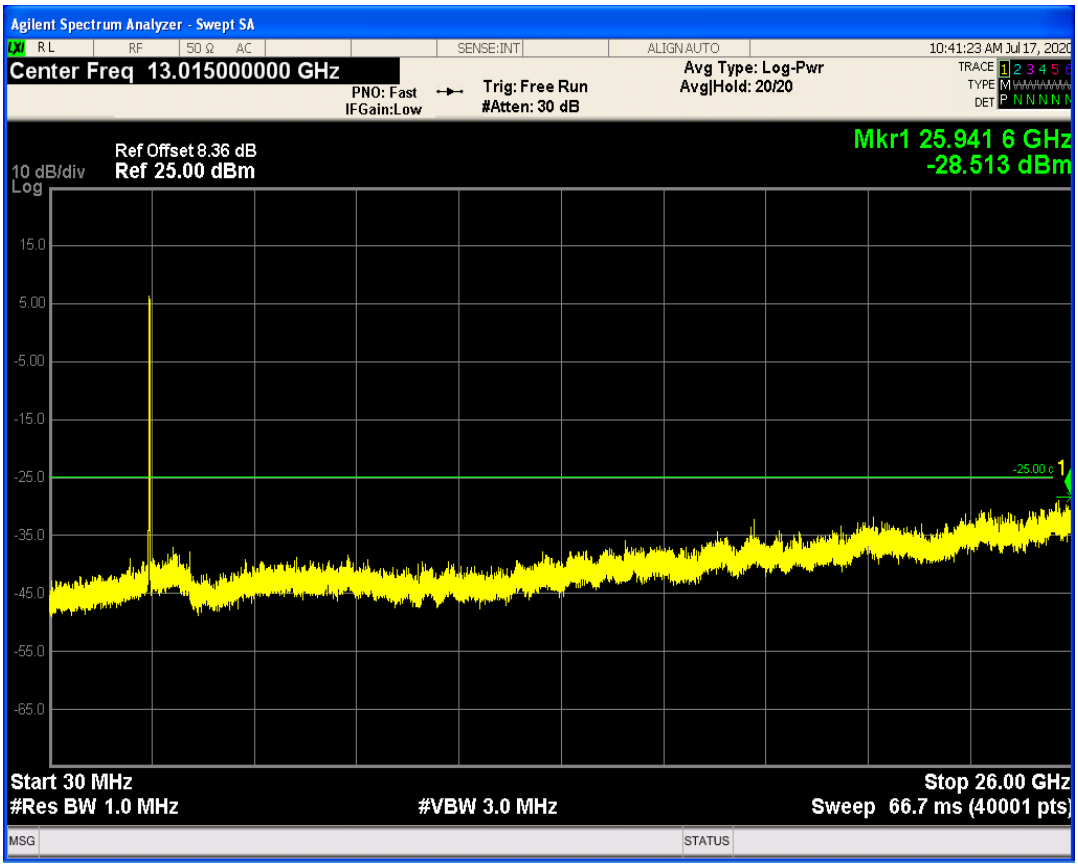
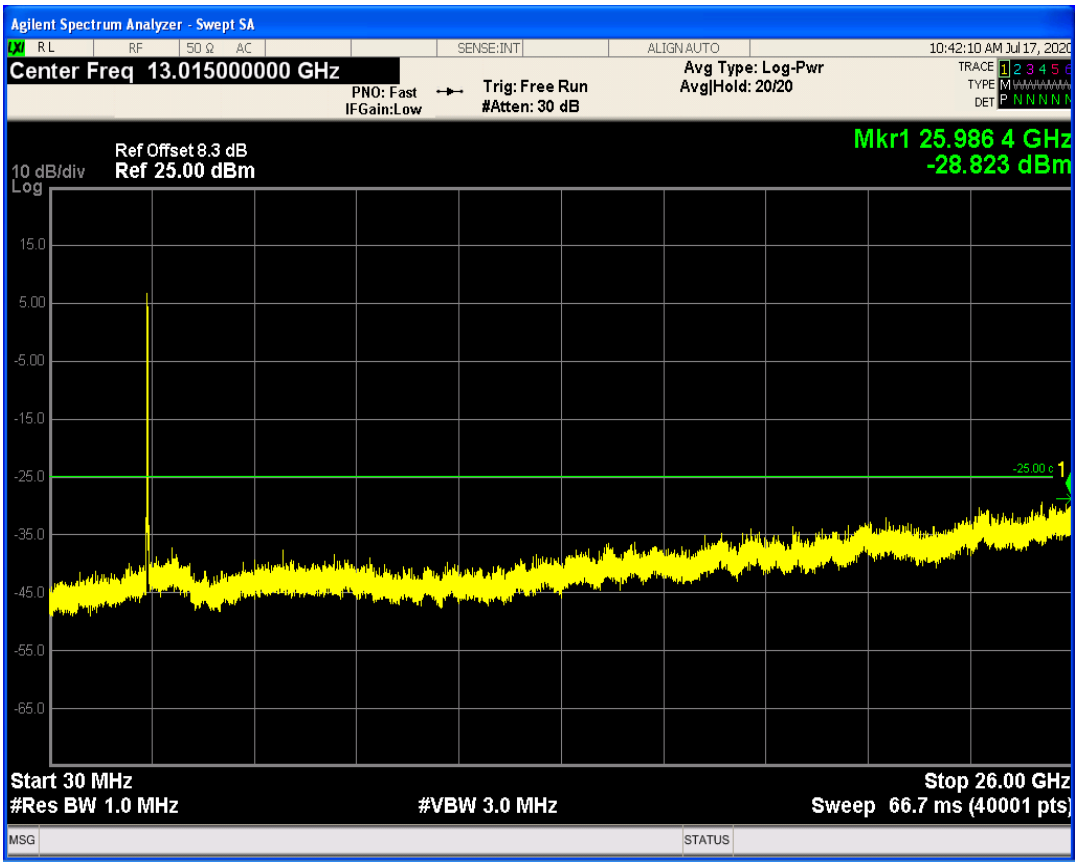


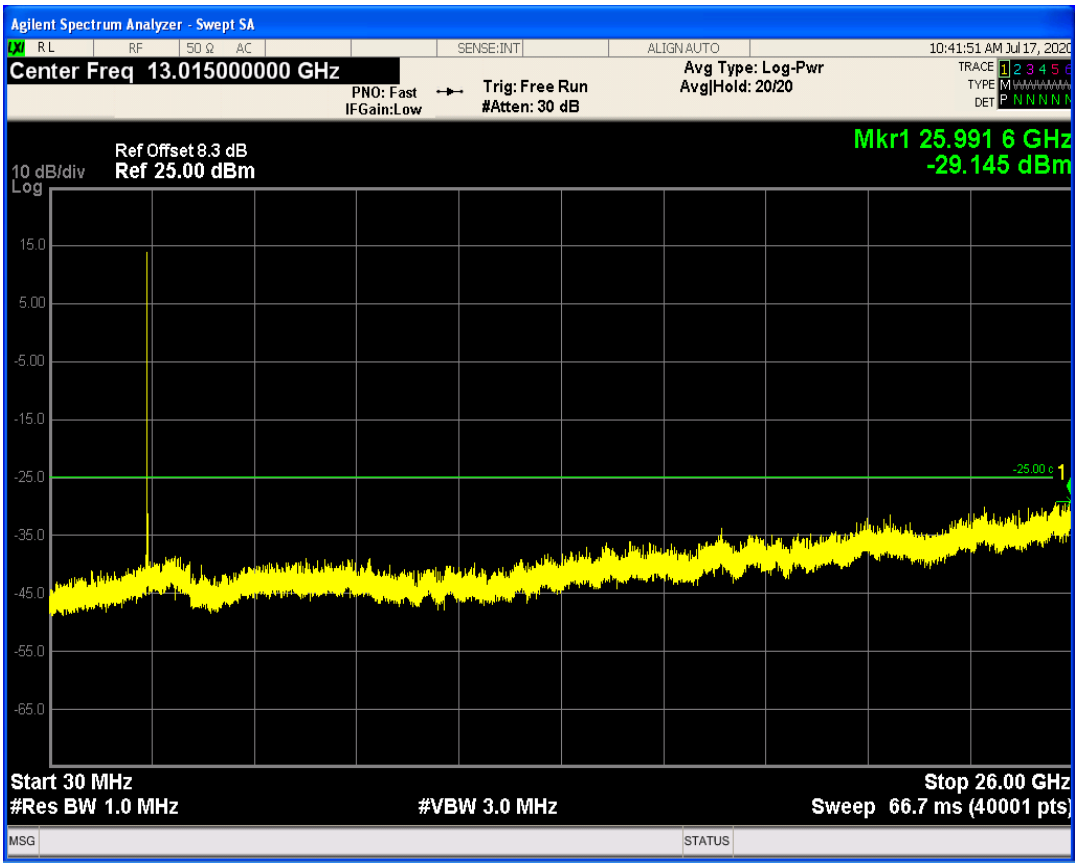
LTE Band7 QAM16 BW=15MHz Channel=21375 RB Size=75 Position=#0



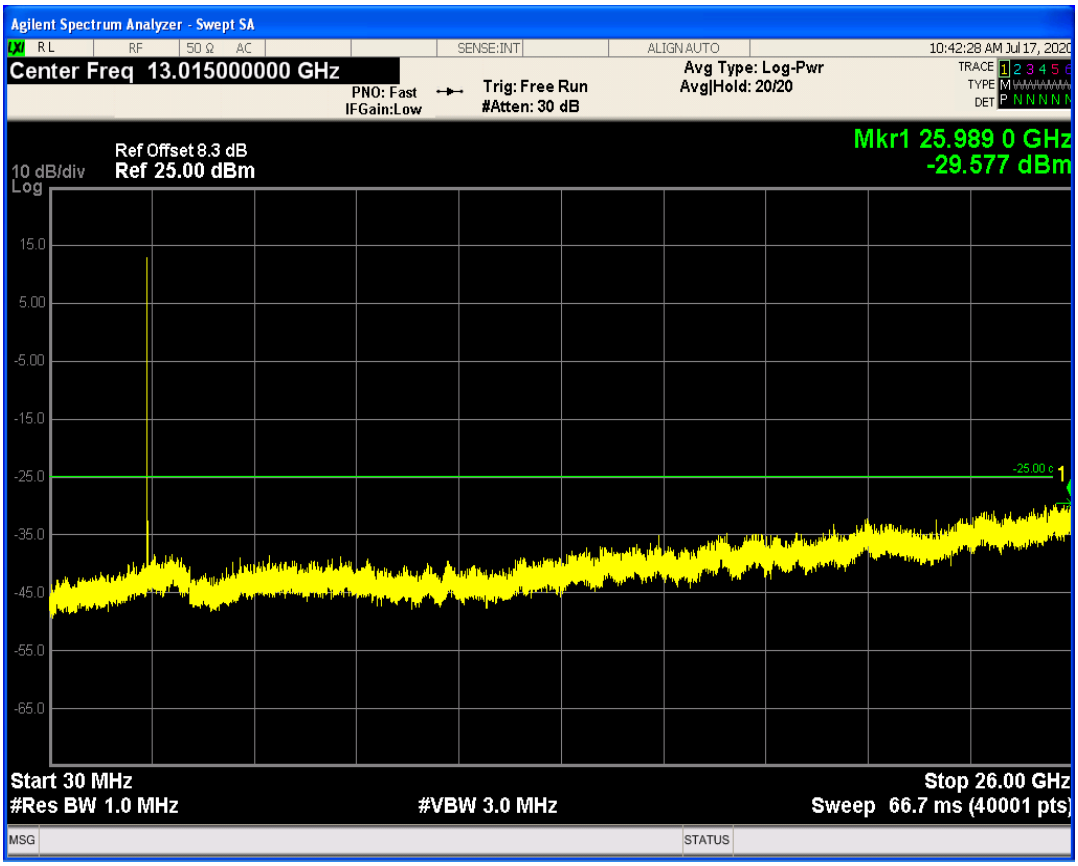
LTE Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



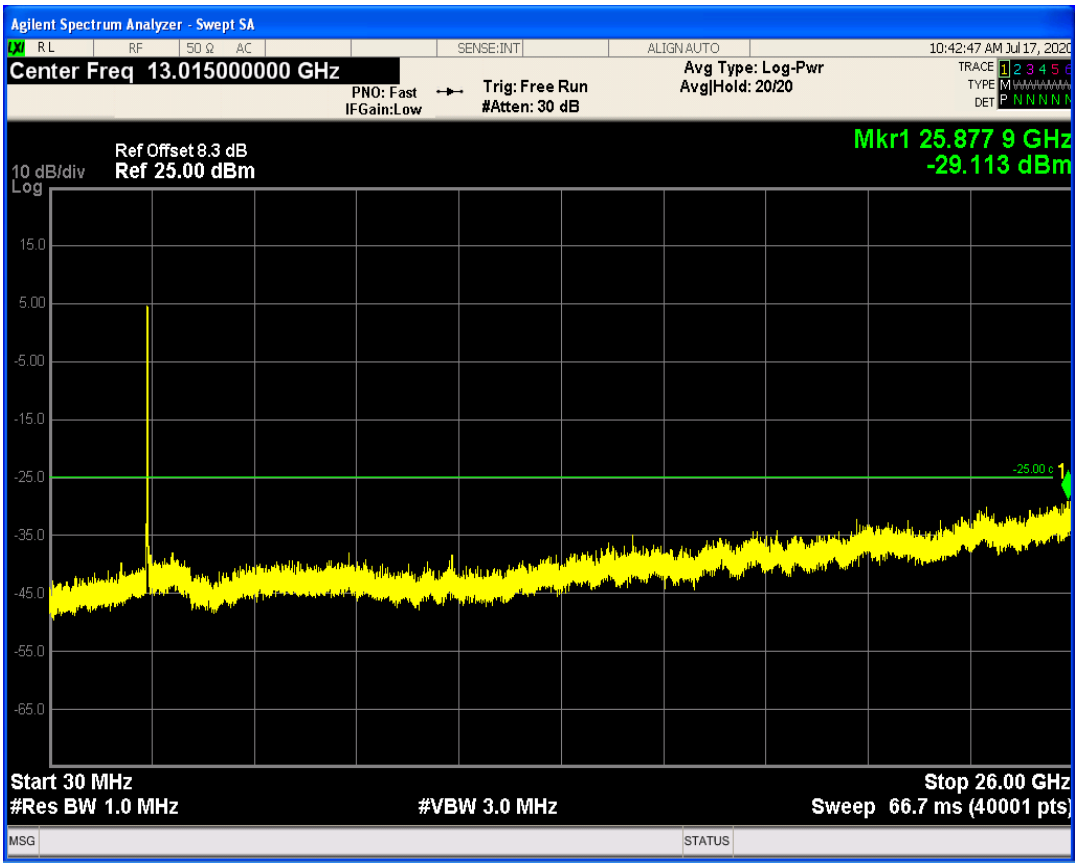
LTE Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0



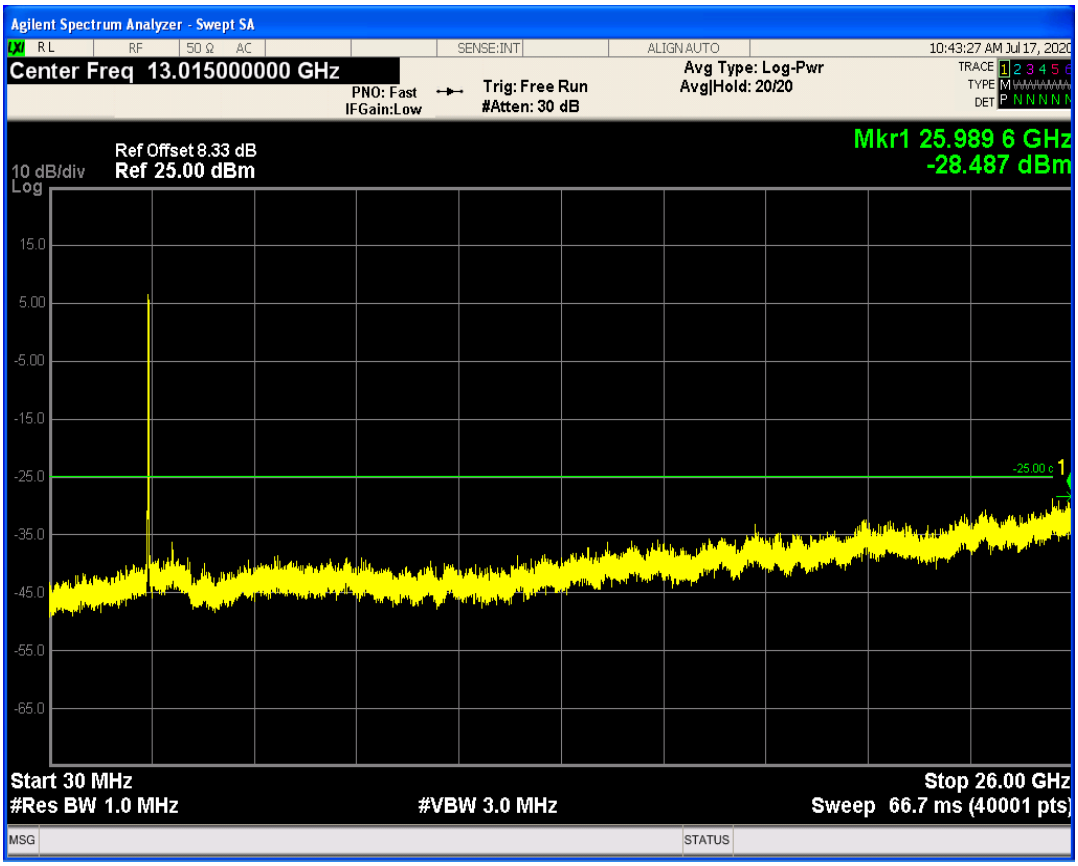
LTE Band7 QAM16 BW=20MHz Channel=20850 RB Size=1 Position=#0



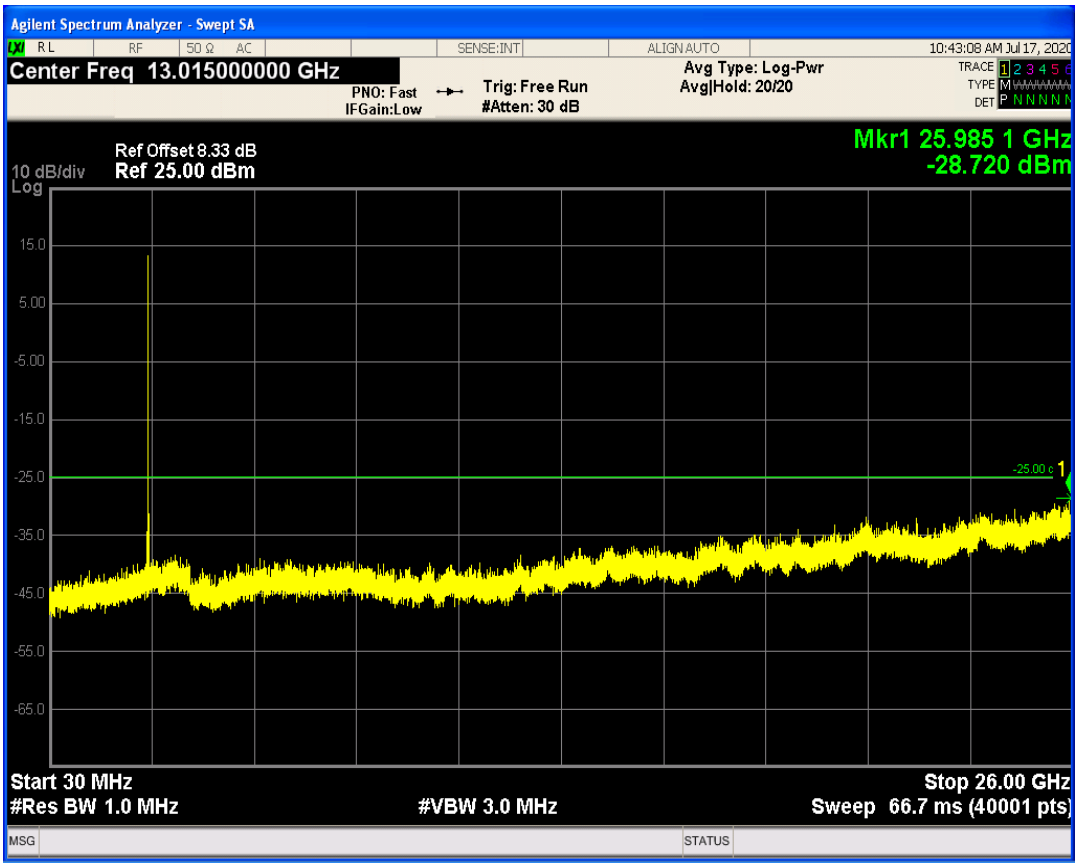
LTE Band7 QAM16 BW=20MHz Channel=20850 RB Size=100 Position=#0



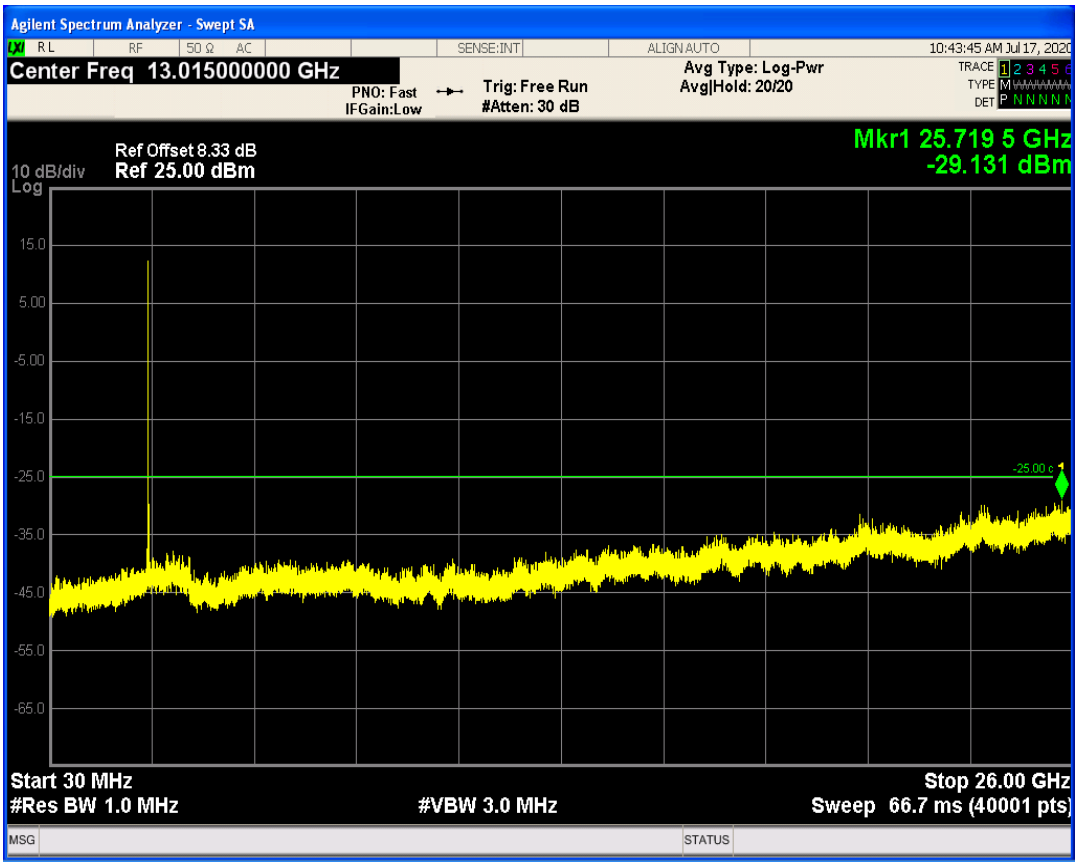
LTE Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



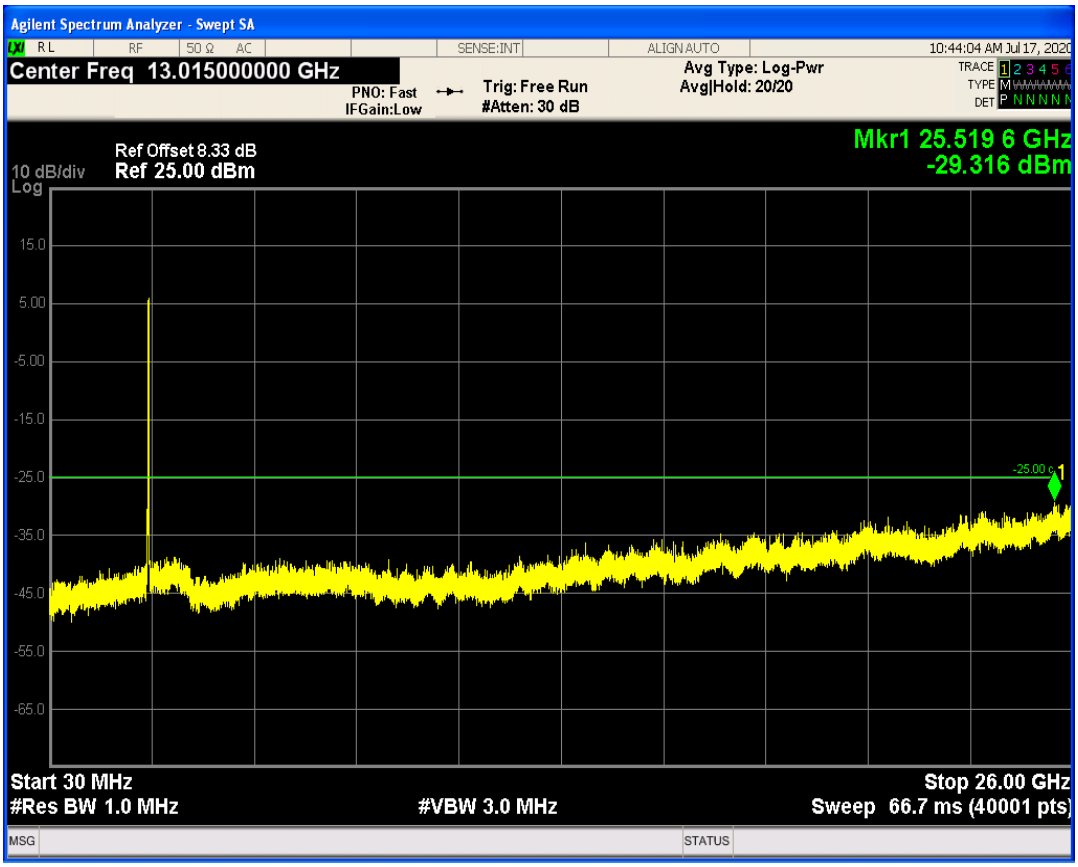
LTE Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0



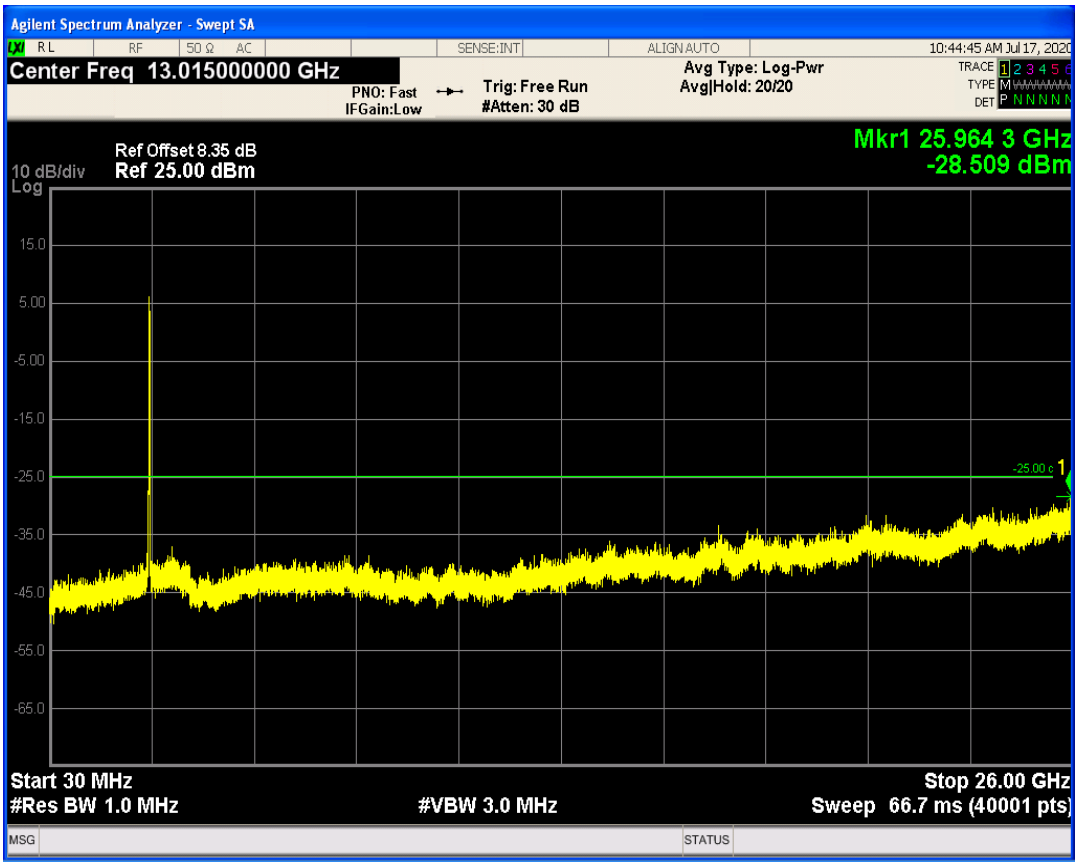
LTE Band7 QAM16 BW=20MHz Channel=21100 RB Size=1 Position=#0



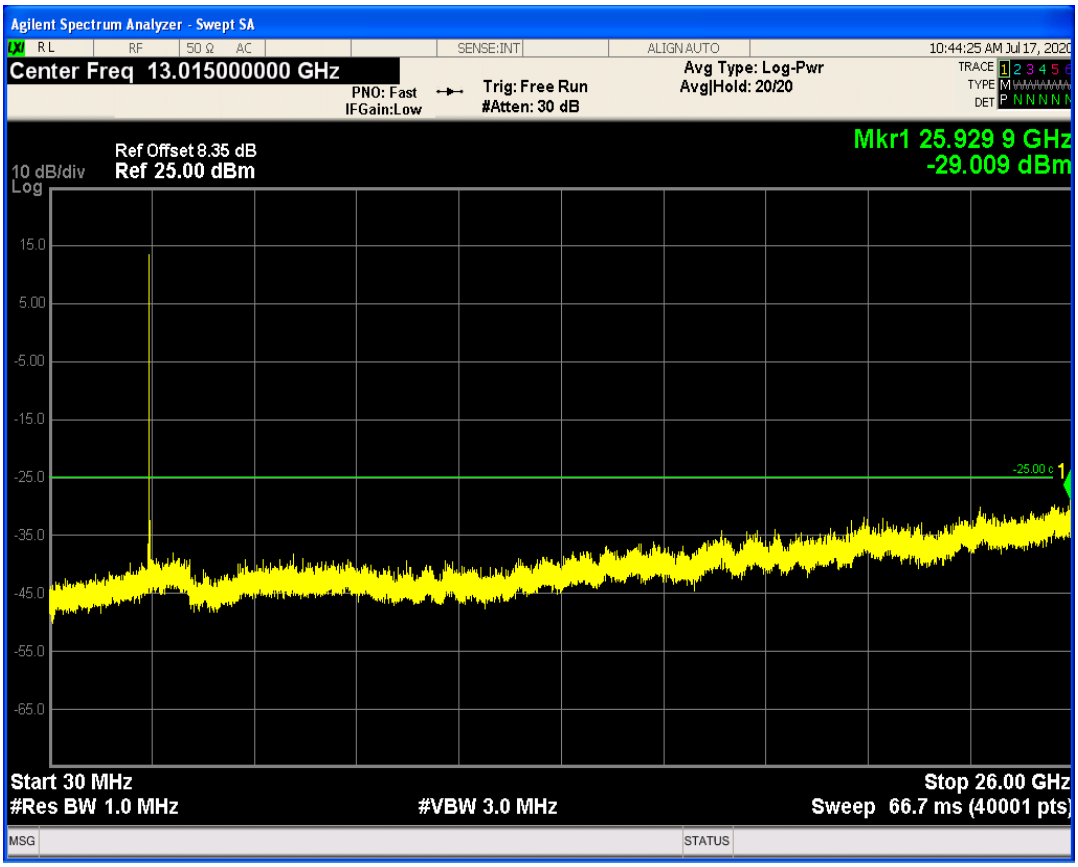
LTE Band7 QAM16 BW=20MHz Channel=21100 RB Size=100 Position=#0



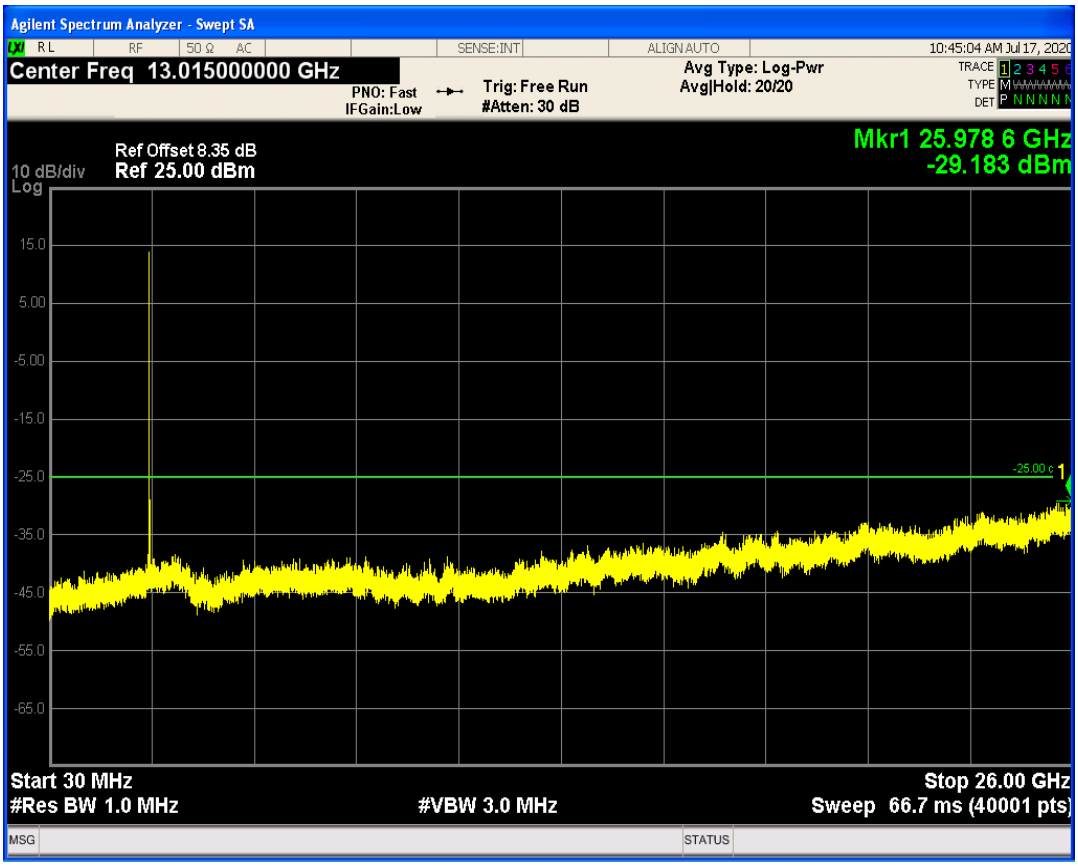
LTE Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



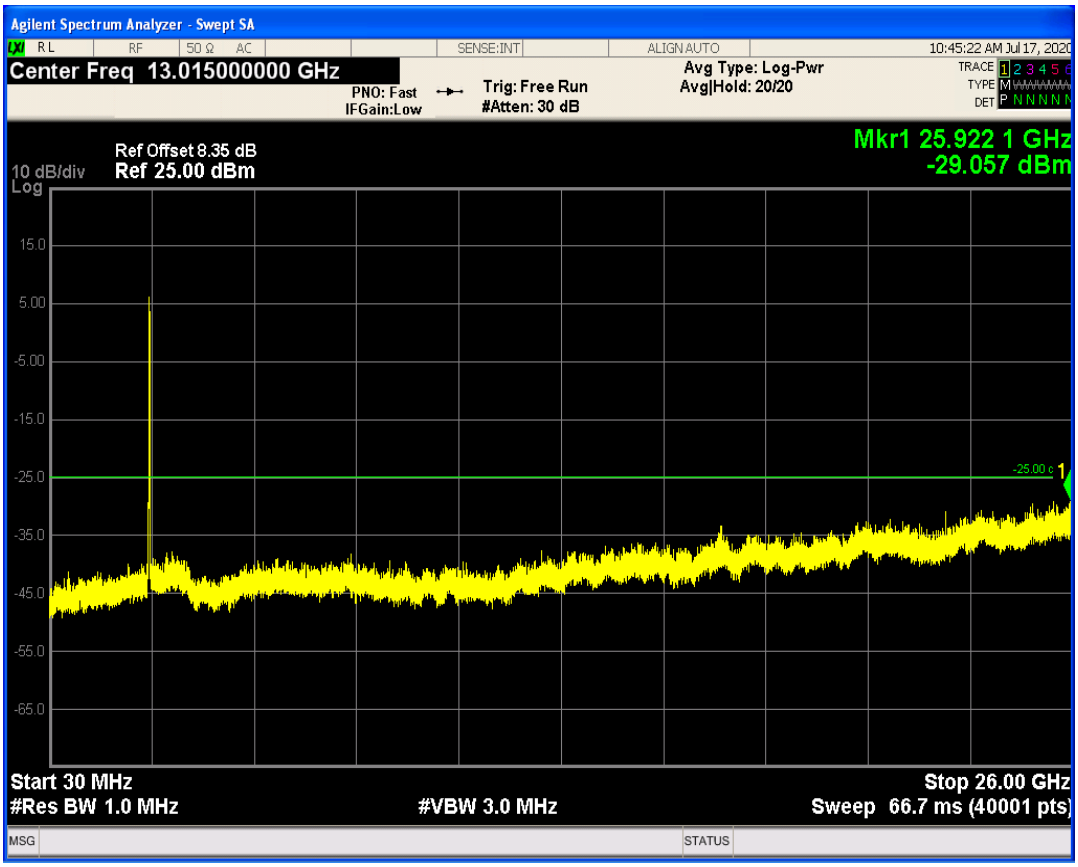
LTE Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#0



LTE Band7 QAM16 BW=20MHz Channel=21350 RB Size=1 Position=#0



LTE Band7 QAM16 BW=20MHz Channel=21350 RB Size=100 Position=#0


Agilent Spectrum Analyzer - Swept SA
R L
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
10:45:22 AM Jul 17, 2020
Center Freq 13.015000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 20/20
TRACE 1 2 3 4 5 6
TYPE M
DET P N N N N N
Ref Offset 8.35 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 25.922 1 GHz
-29.057 dBm
15.0
5.00
-5.00
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-25.00
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 26.00 GHz
Sweep 66.7 ms (40001 pts)
MSG
STATUS