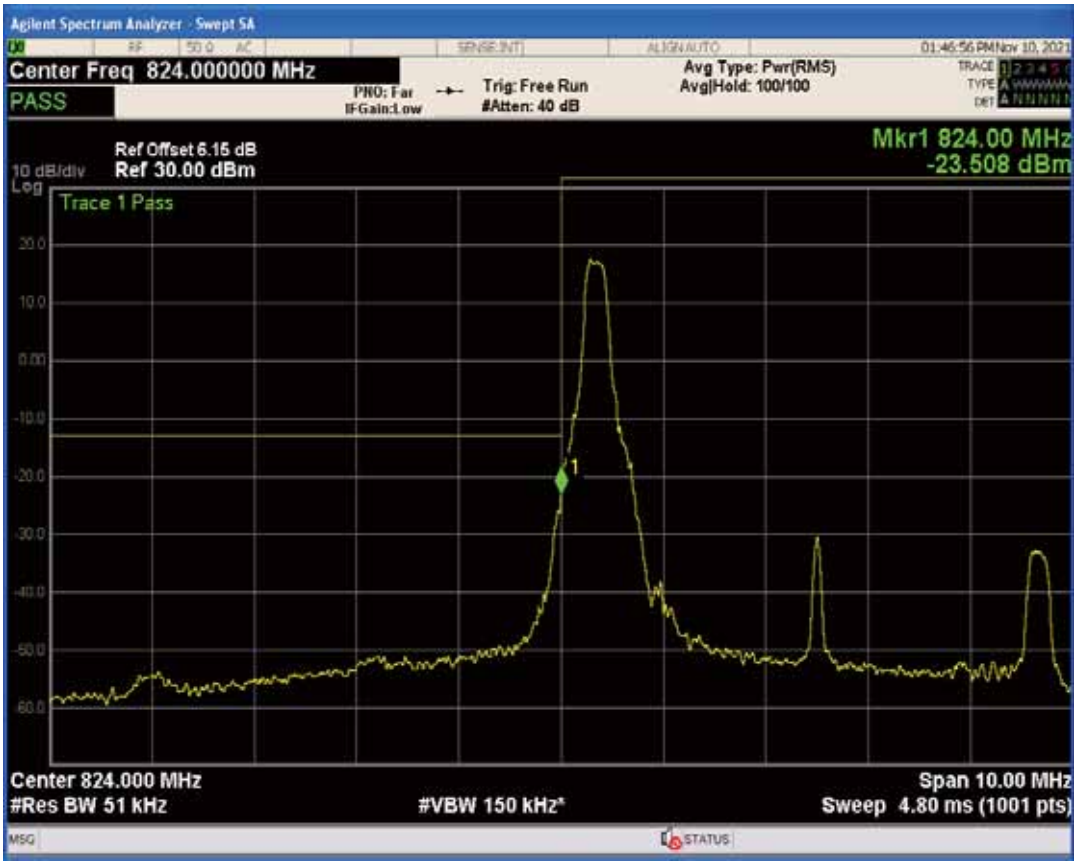
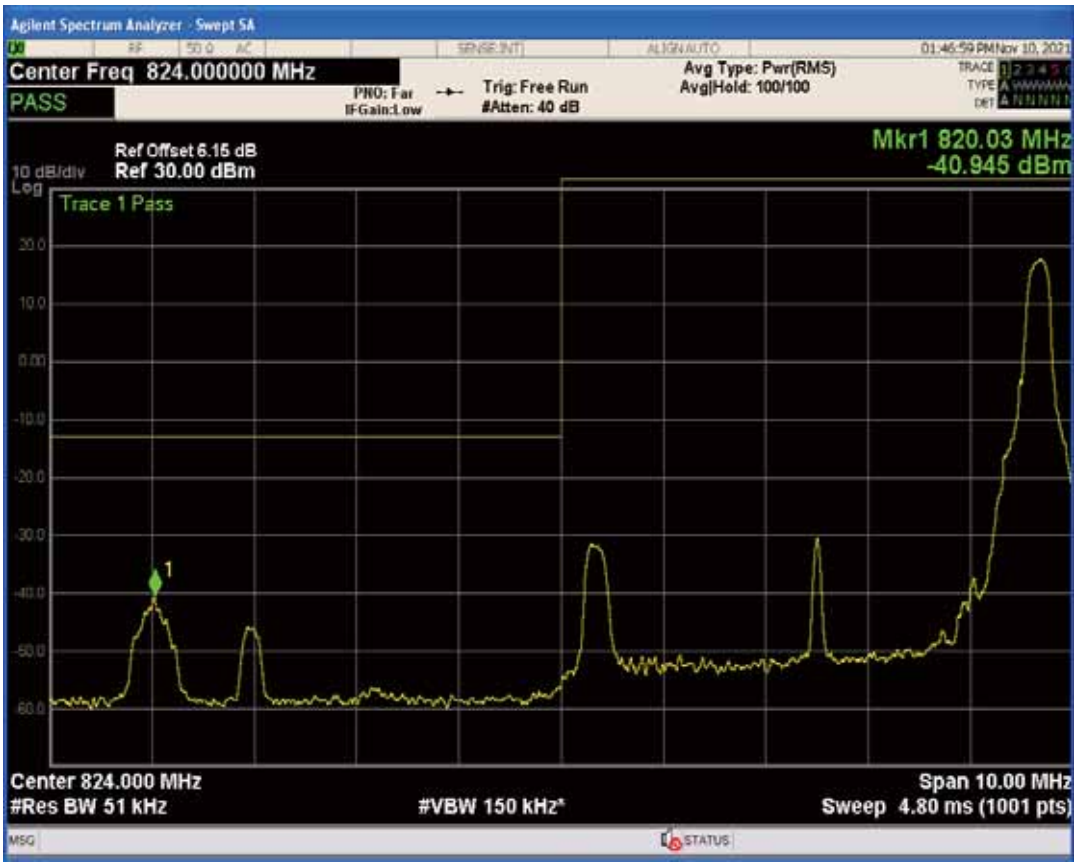
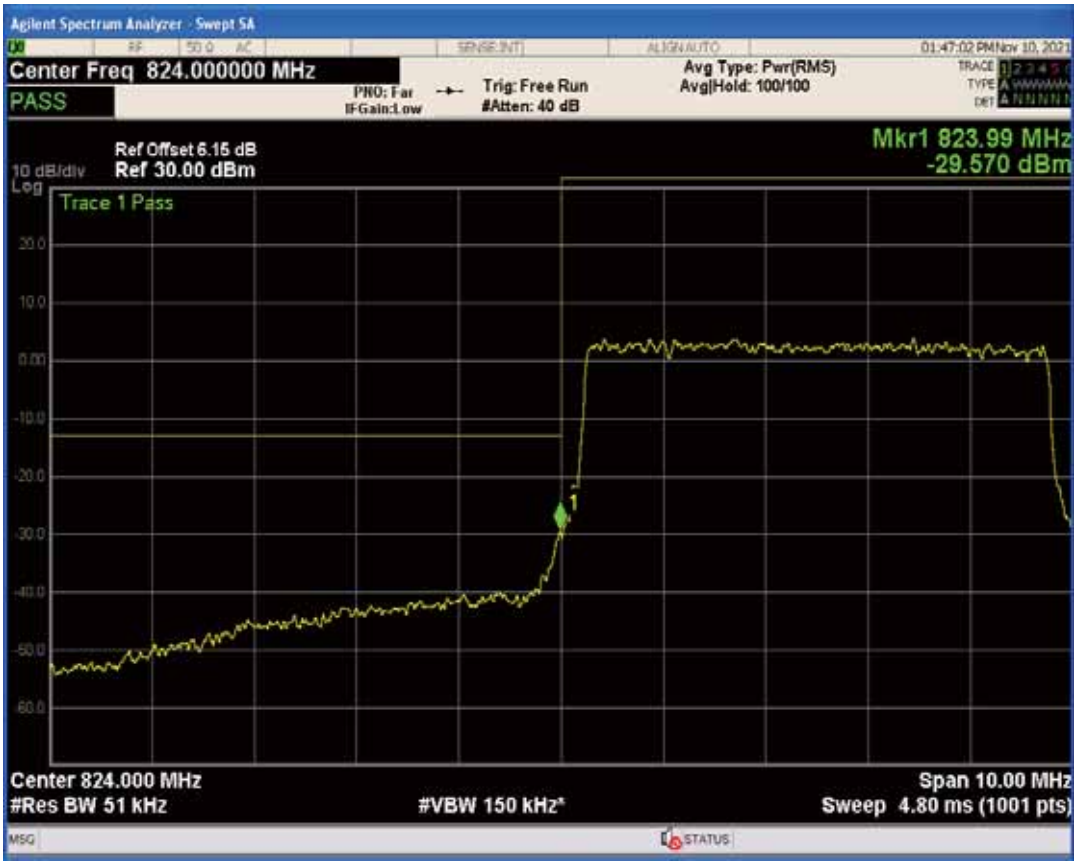


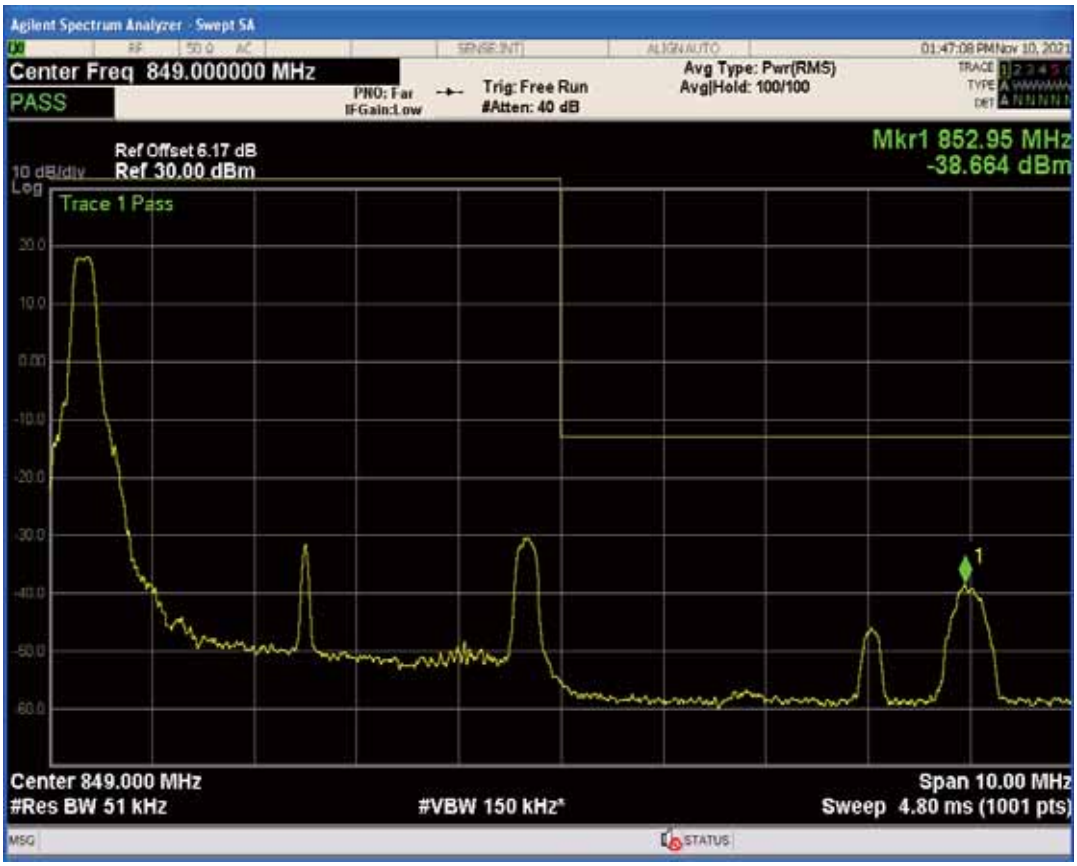
Band5 QAM16 BW=5MHz Channel=20425 RB Size=1 Position=#Max



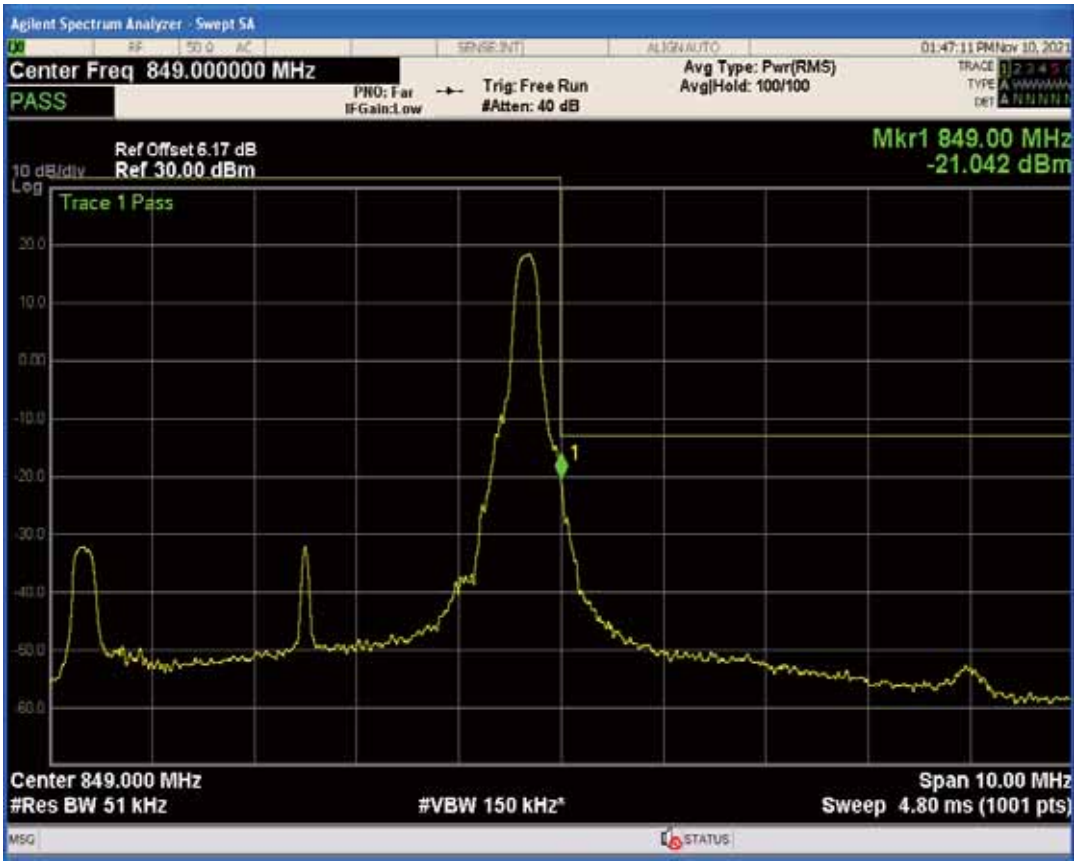
Band5 QAM16 BW=5MHz Channel=20425 RB Size=25 Position=#0



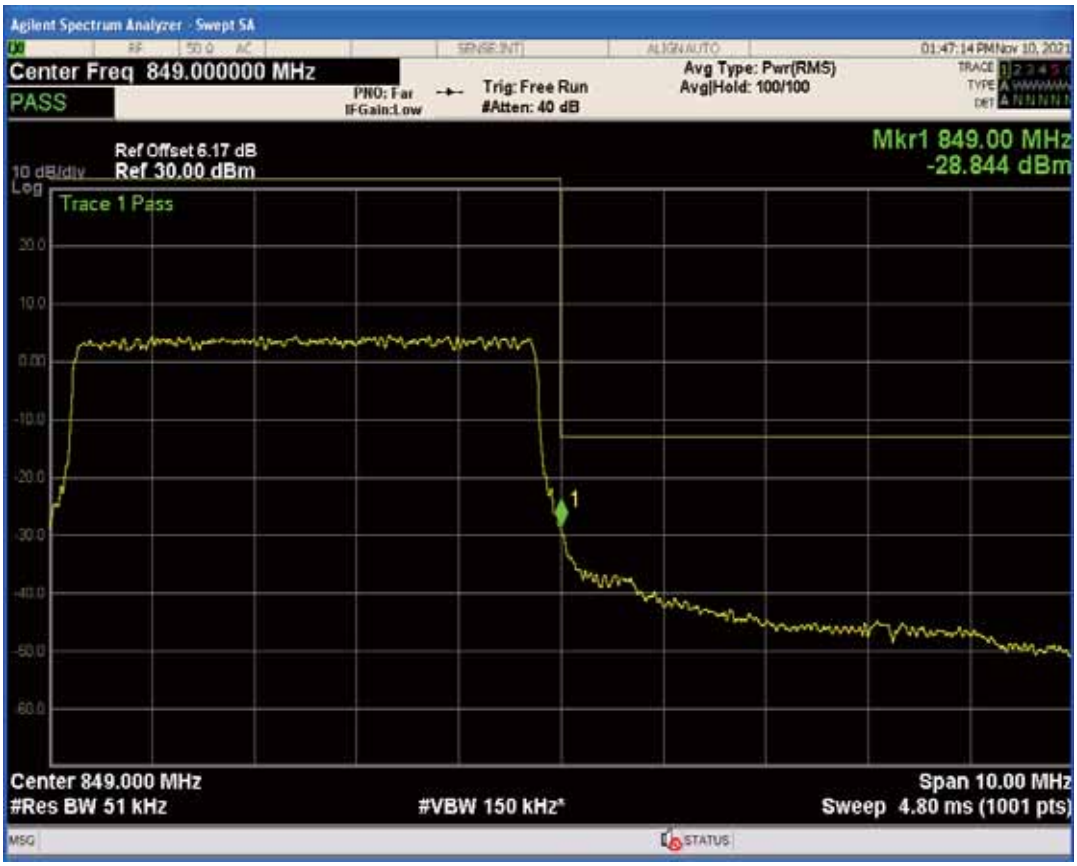
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0



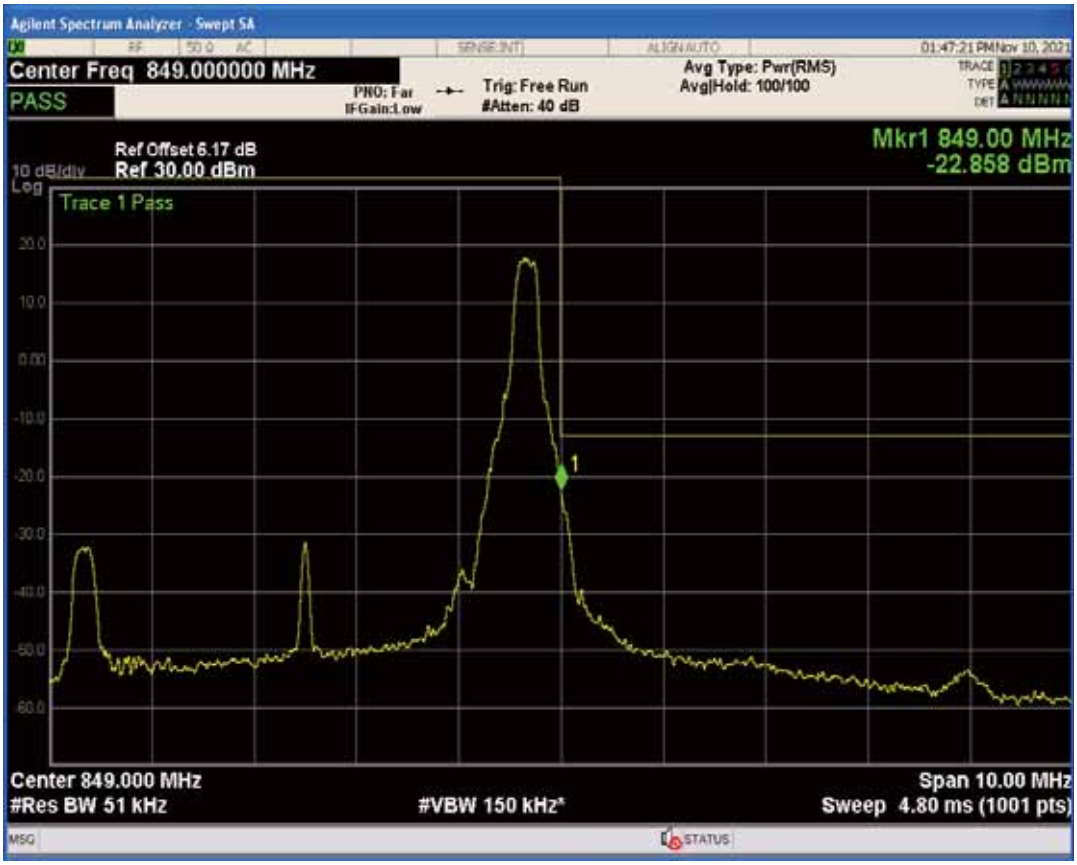
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#Max



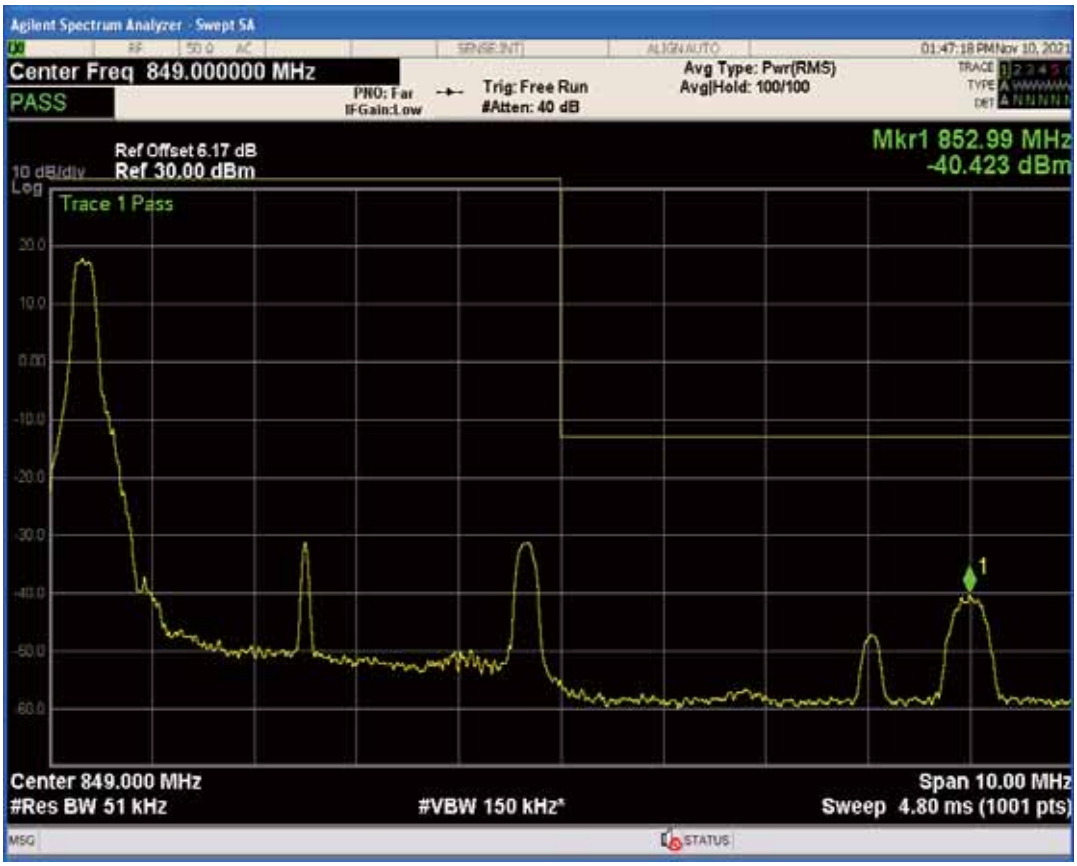
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



Band5 QAM16 BW=5MHz Channel=20625 RB Size=1 Position=#Max

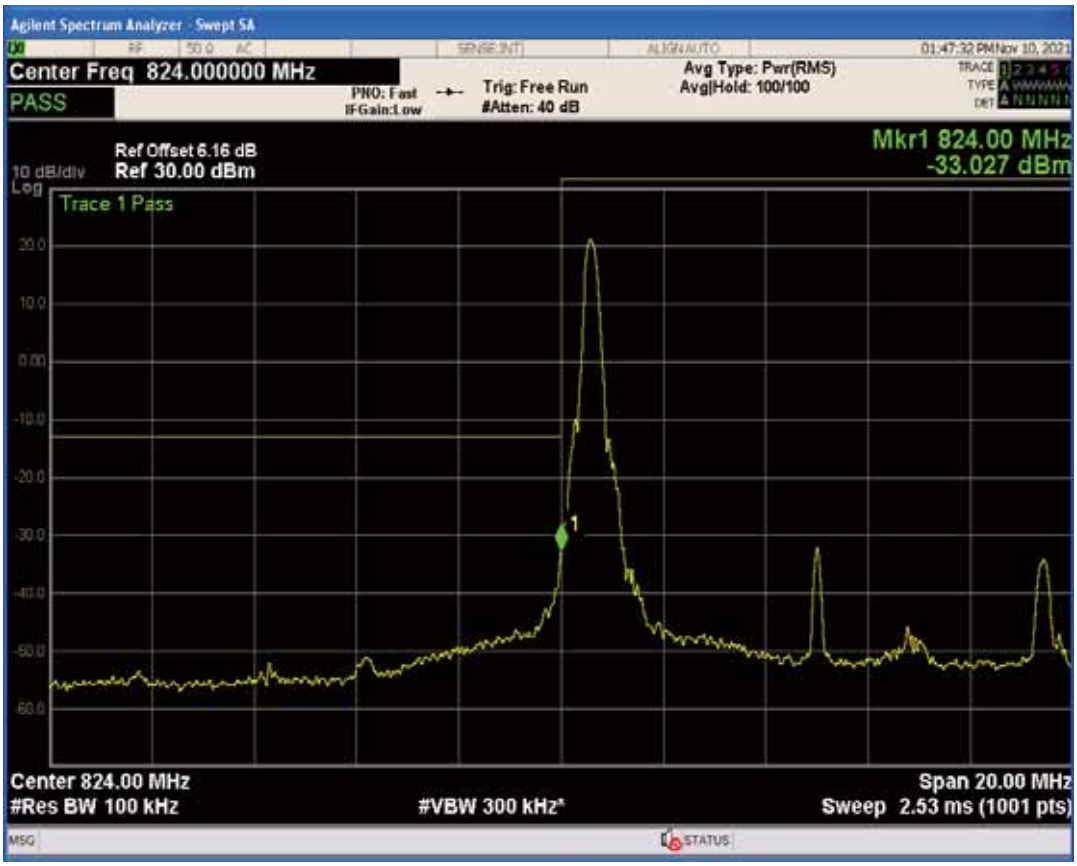


Band5 QAM16 BW=5MHz Channel=20625 RB Size=1 Position=#0

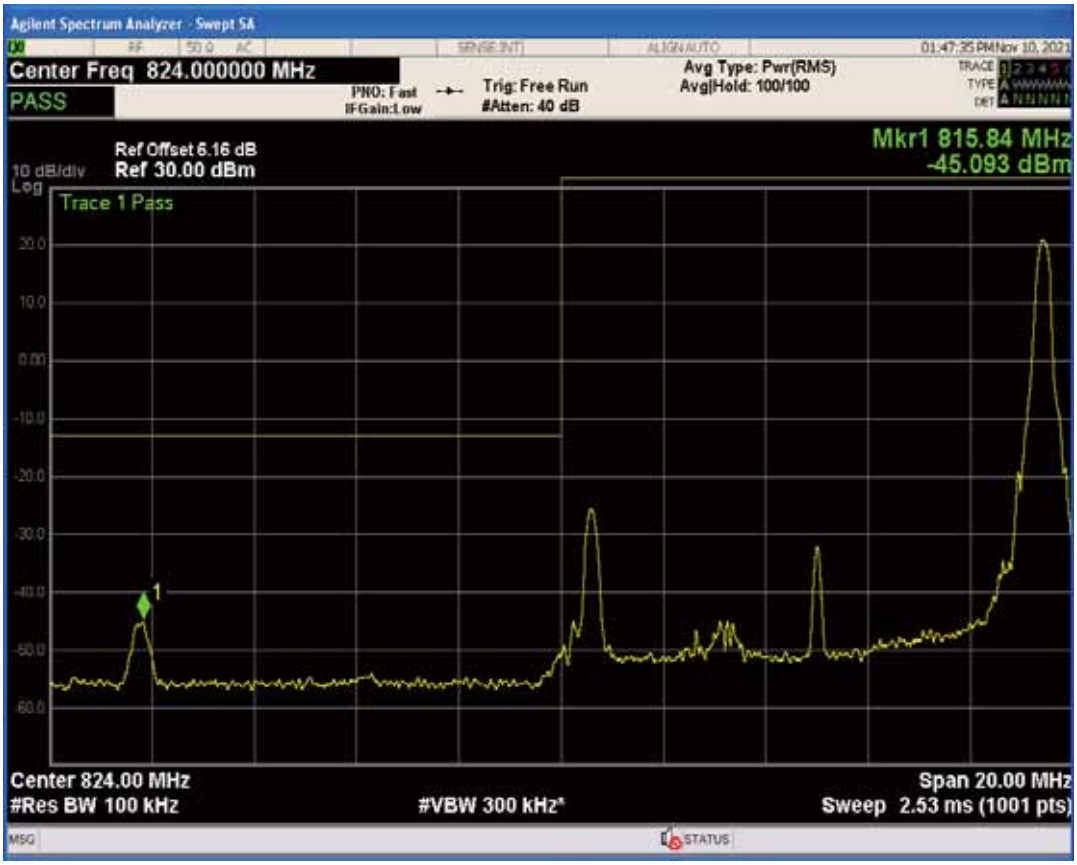


Band5 QAM16 BW=5MHz Channel=20625 RB Size=25 Position=#0

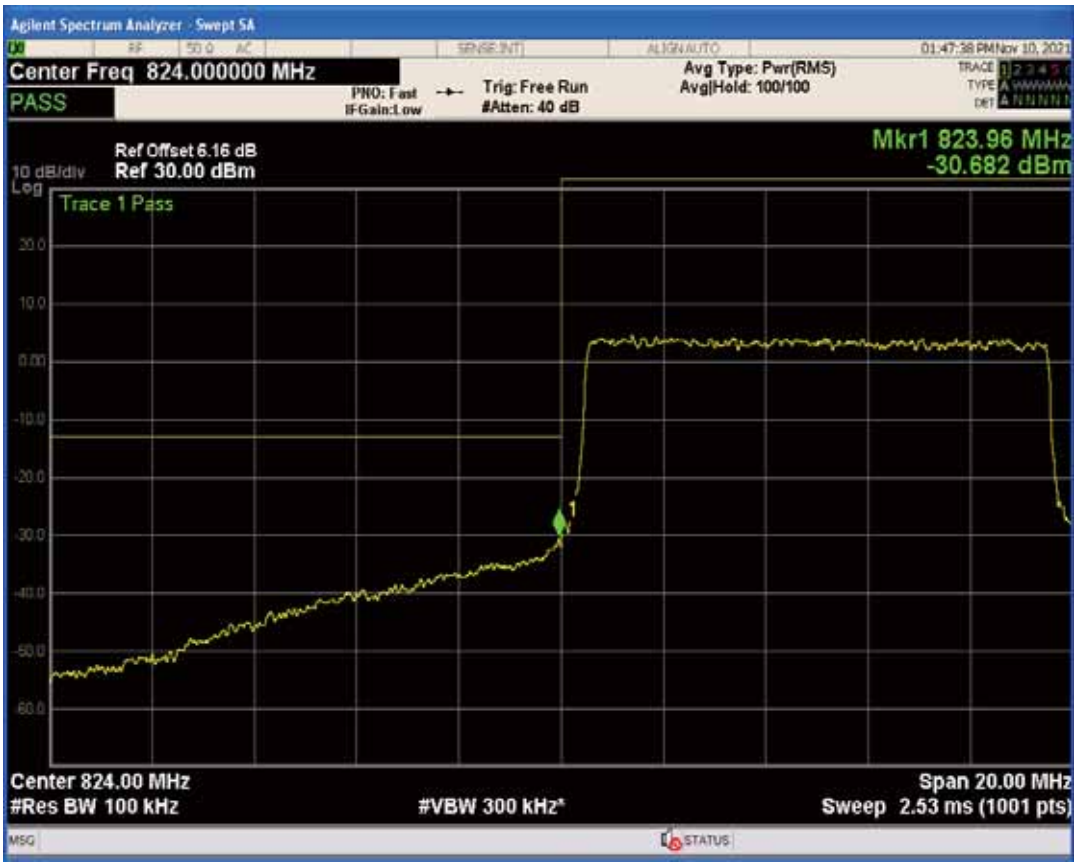
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0



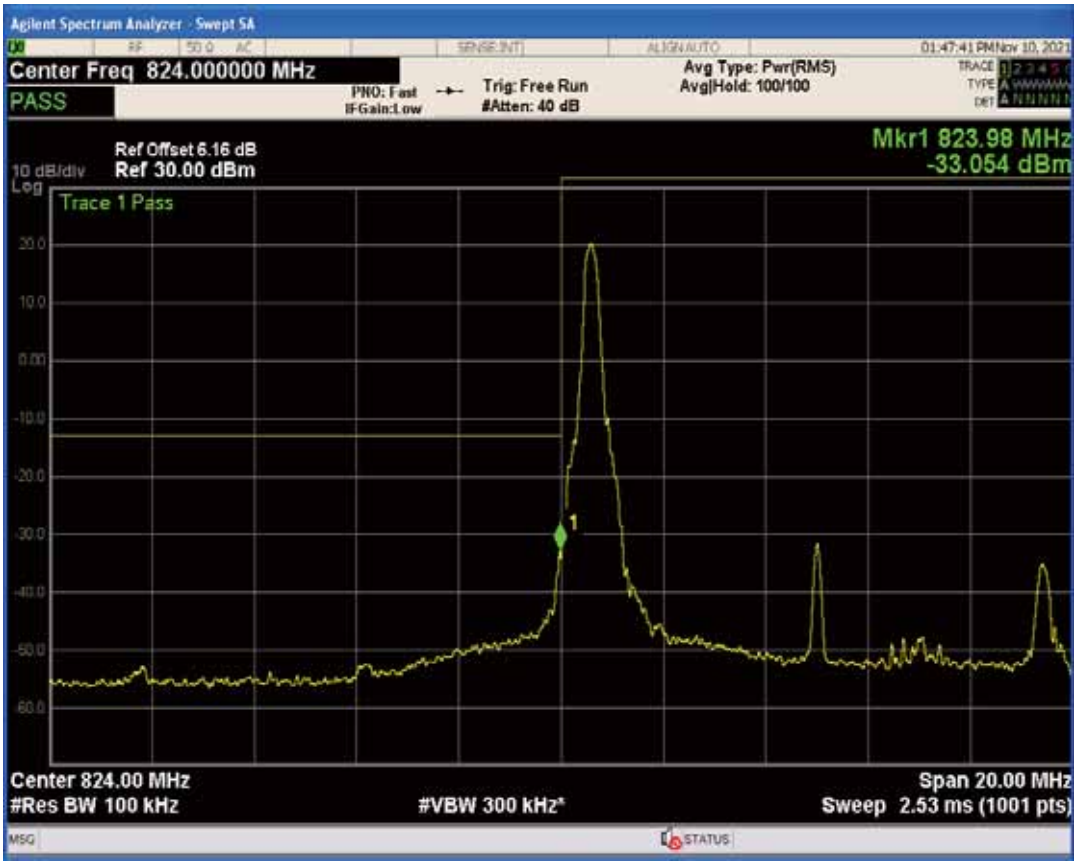
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#Max



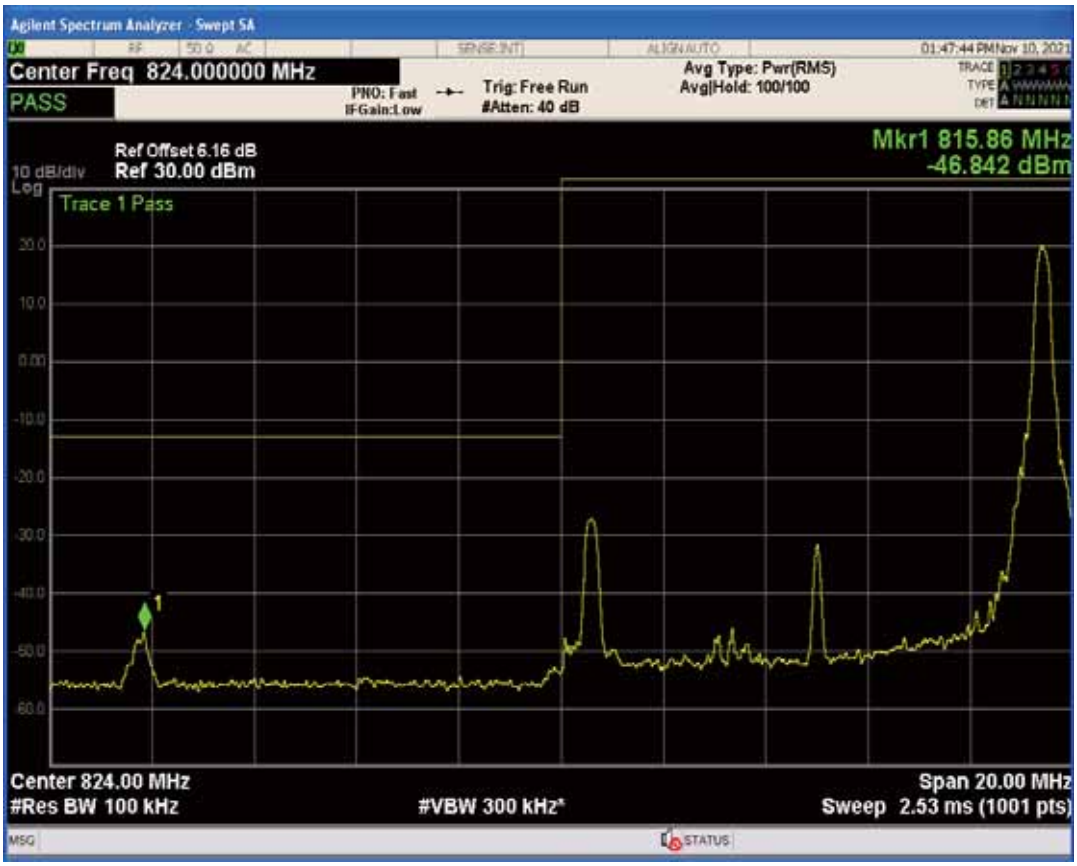
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



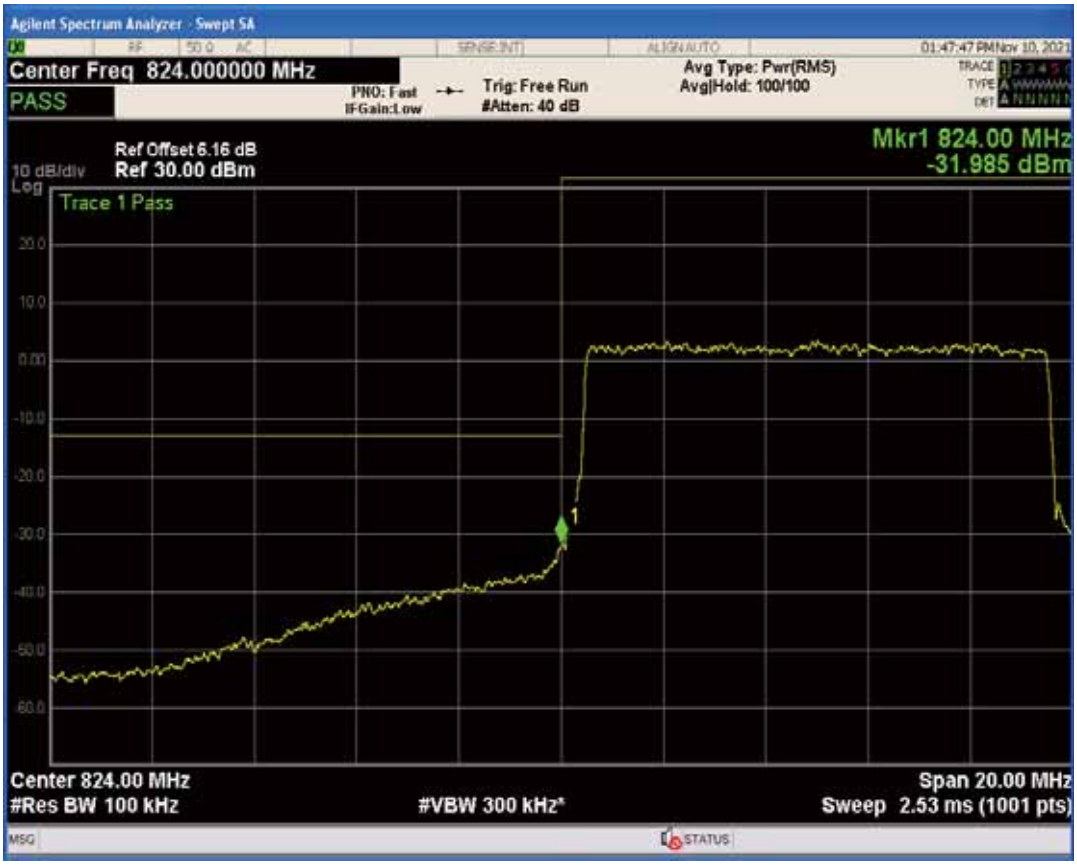
Band5 QAM16 BW=10MHz Channel=20450 RB Size=1 Position=#0



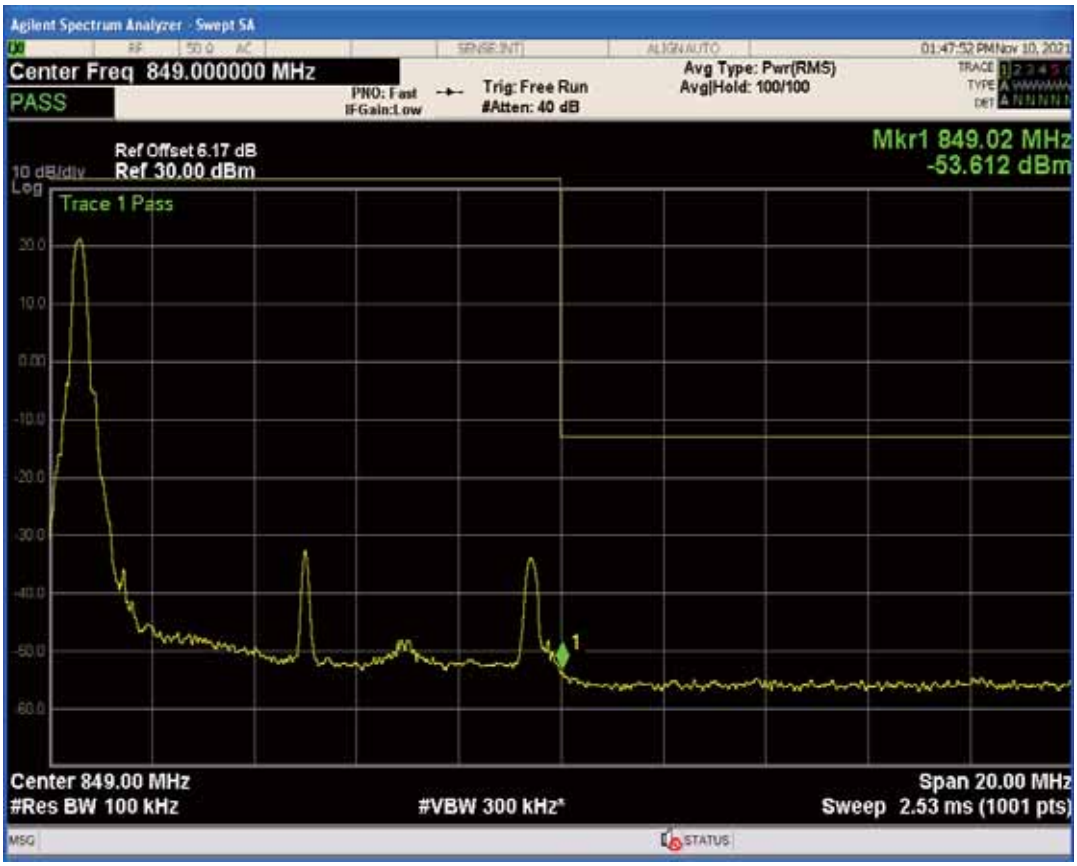
Band5 QAM16 BW=10MHz Channel=20450 RB Size=1 Position=#Max



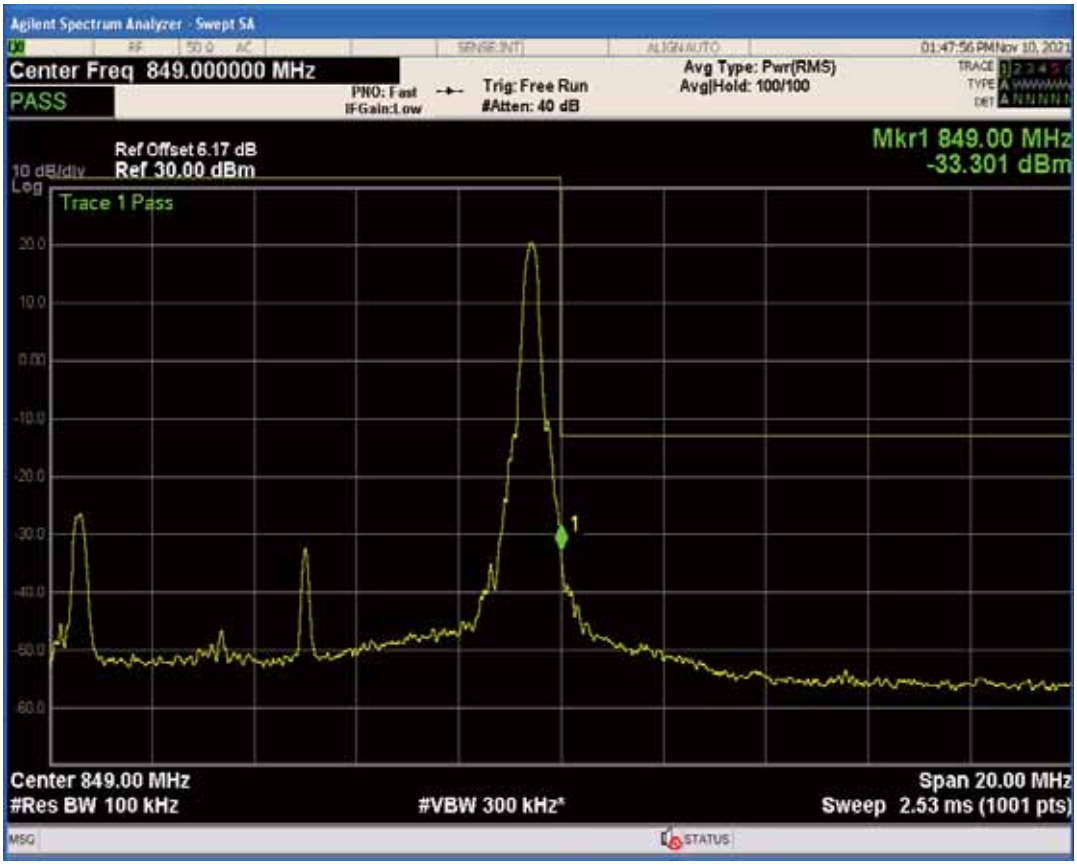
Band5 QAM16 BW=10MHz Channel=20450 RB Size=50 Position=#0



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

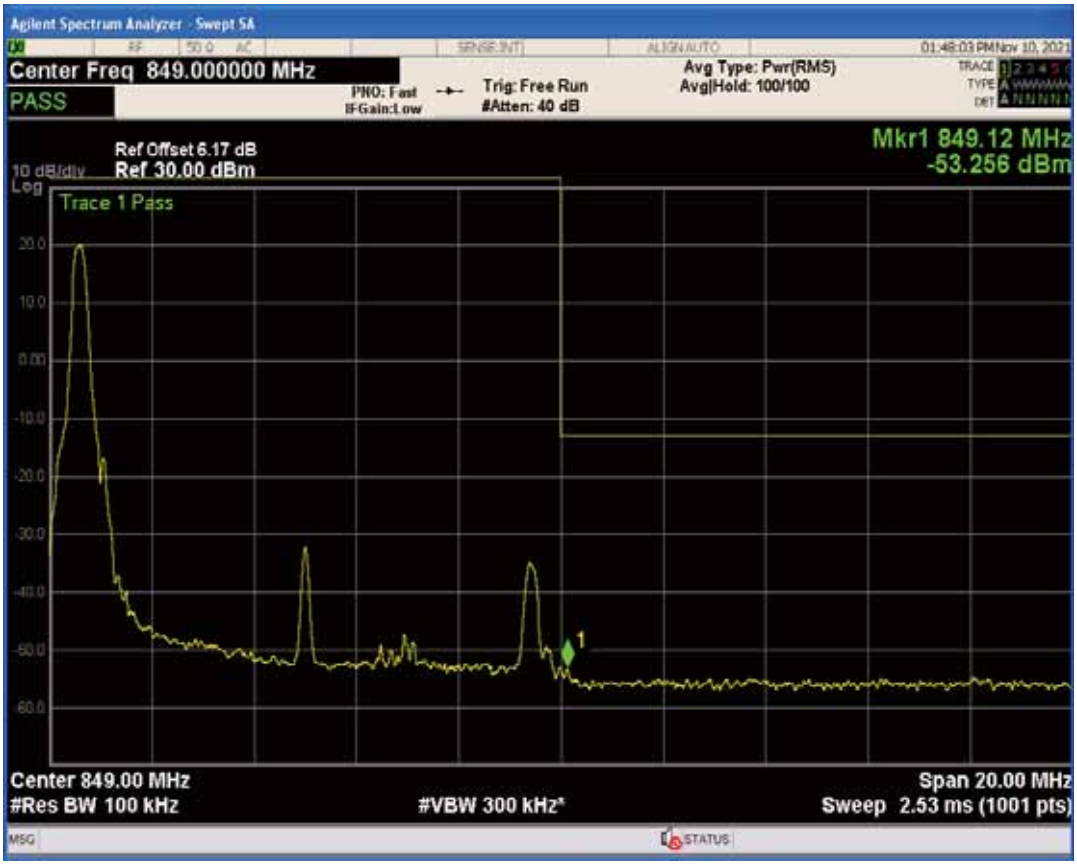


Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#Max

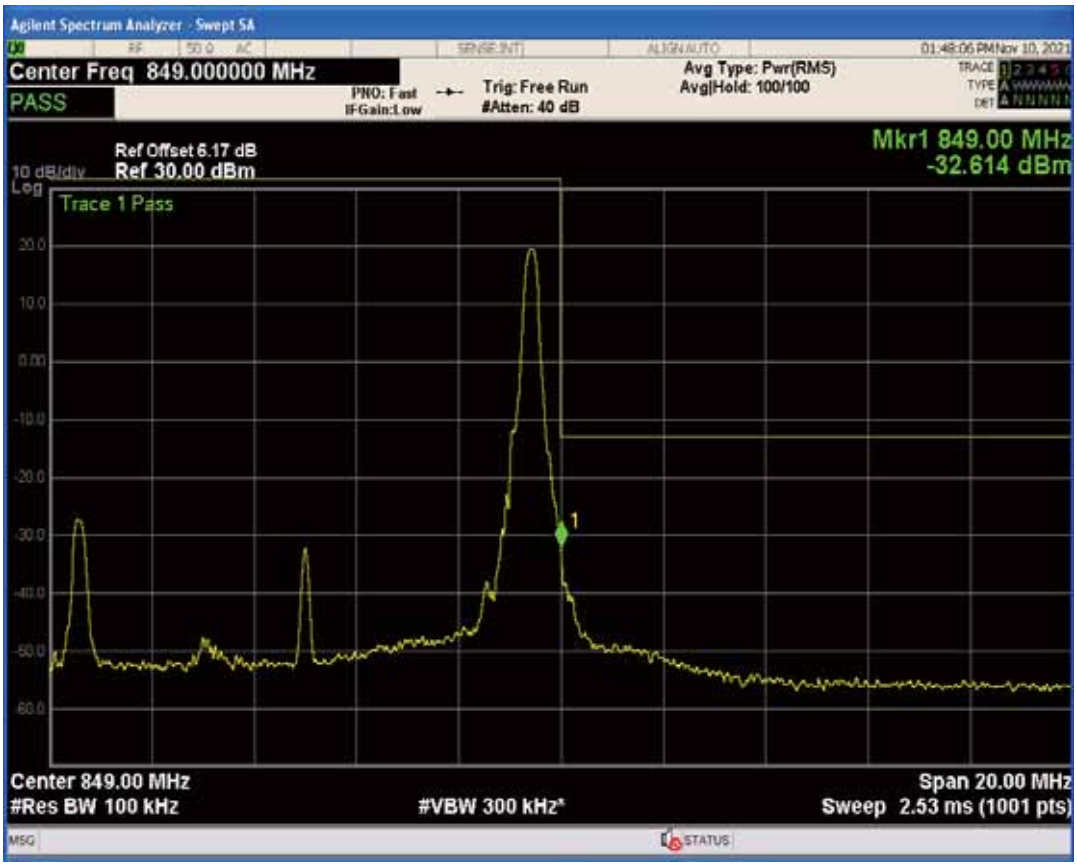


Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0

Band5 QAM16 BW=10MHz Channel=20600 RB Size=1 Position=#0

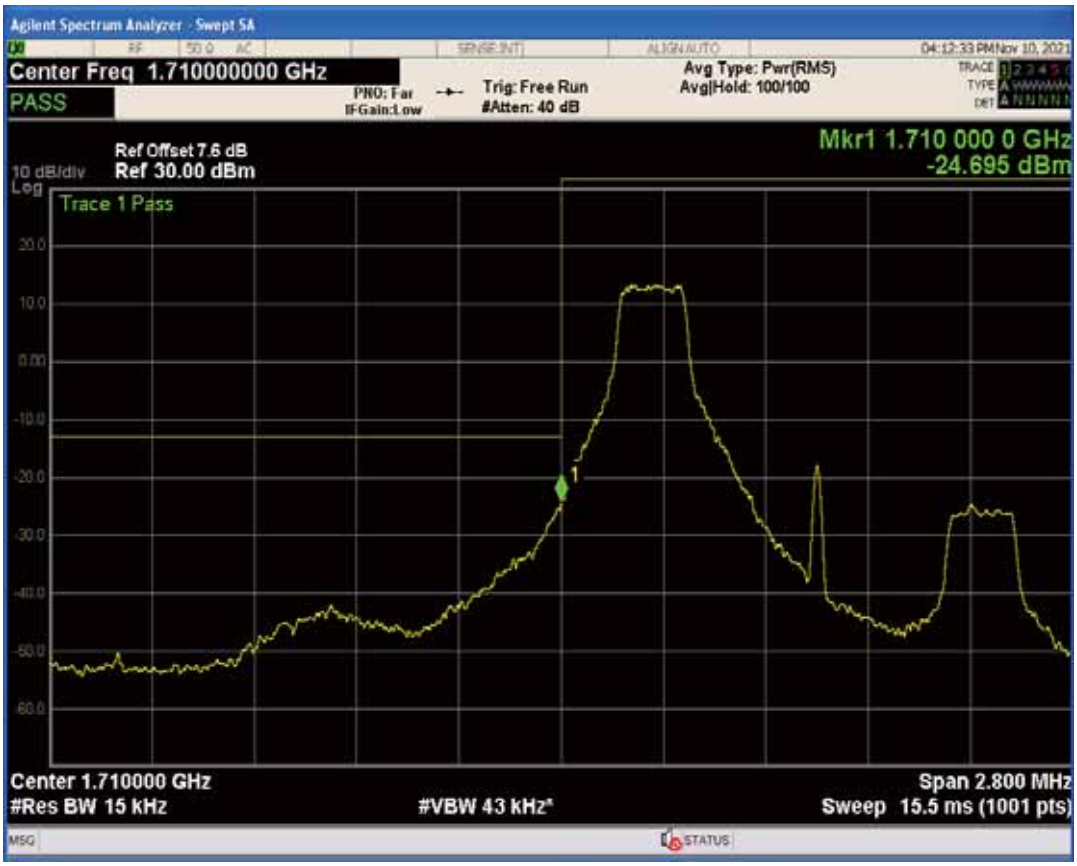


Band5 QAM16 BW=10MHz Channel=20600 RB Size=1 Position=#Max



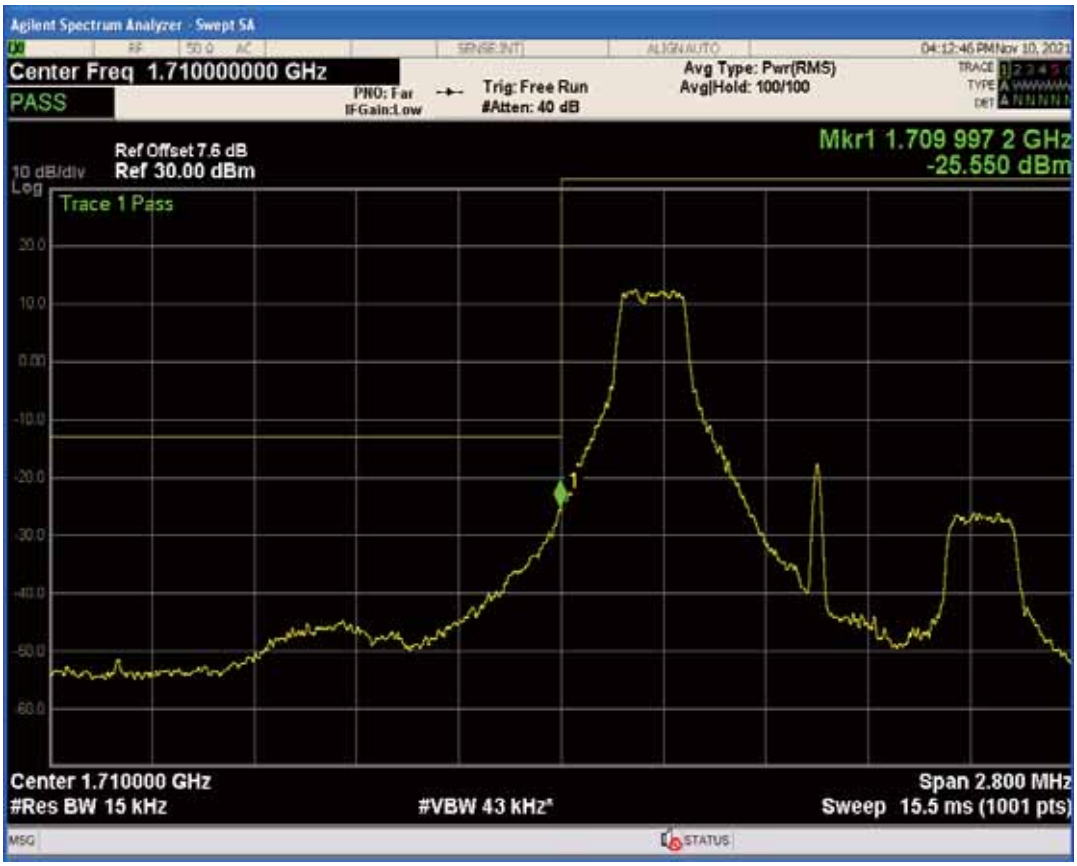
Band5 QAM16 BW=10MHz Channel=20600 RB Size=50 Position=#0

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



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

Band66 QAM16 BW=1.4MHz Channel=131979 RB Size=1 Position=#0

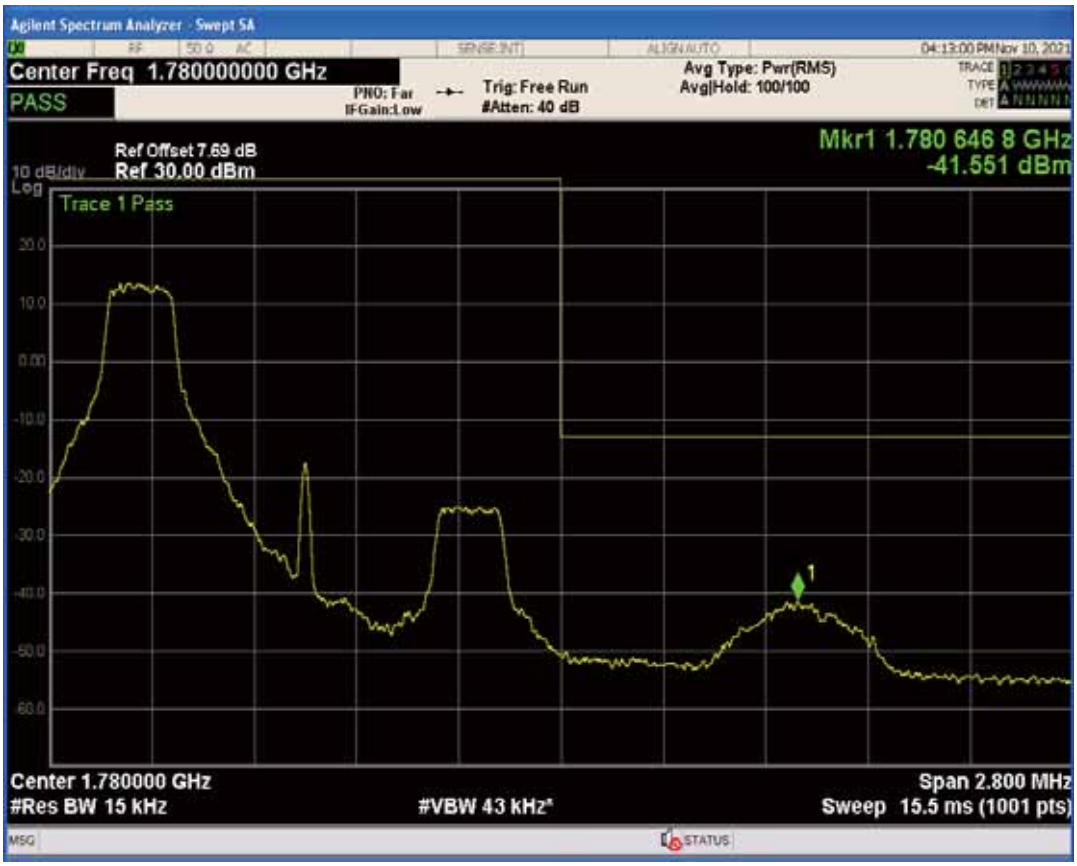


Band66 QPSK BW=1.4MHz Channel=131979 RB Size=6 Position=#0

Band66 QAM16 BW=1.4MHz Channel=131979 RB Size=1 Position=#Max

Band66 QAM16 BW=1.4MHz Channel=131979 RB Size=6 Position=#0

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



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

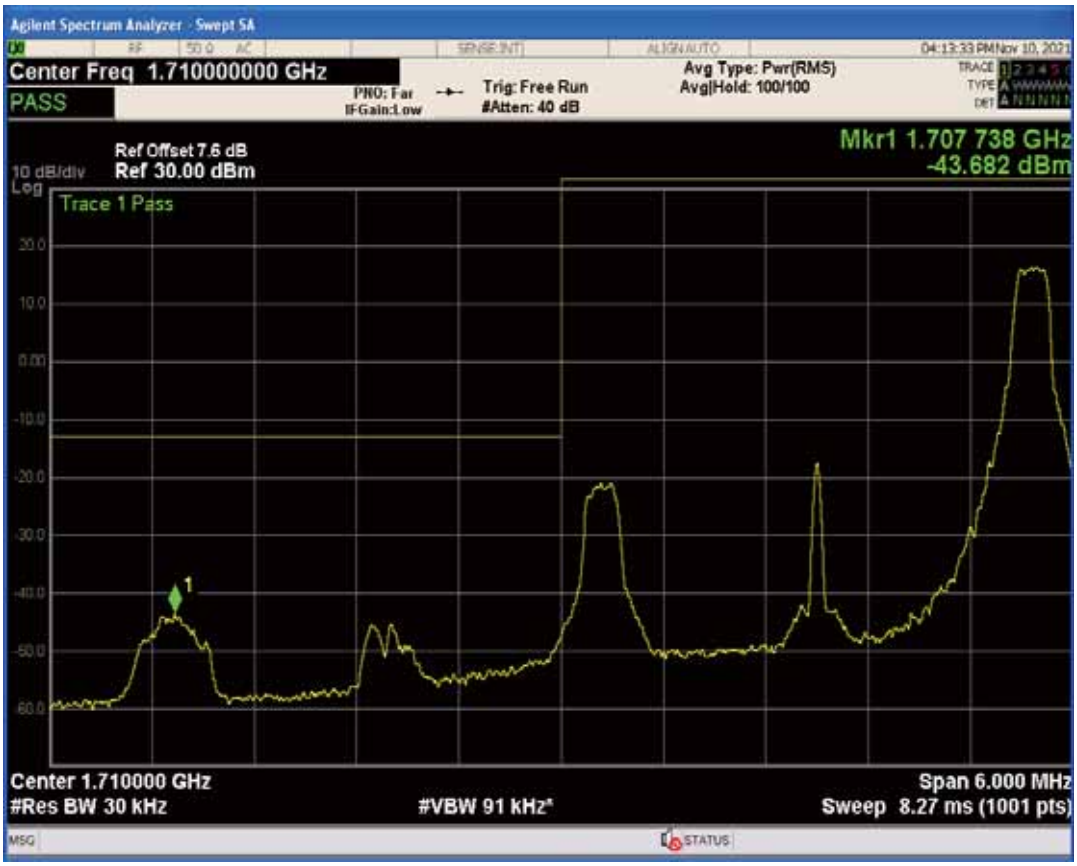
Band66 QPSK BW=1.4MHz Channel=132665 RB Size=6 Position=#0

Band66 QAM16 BW=1.4MHz Channel=132665 RB Size=1 Position=#0

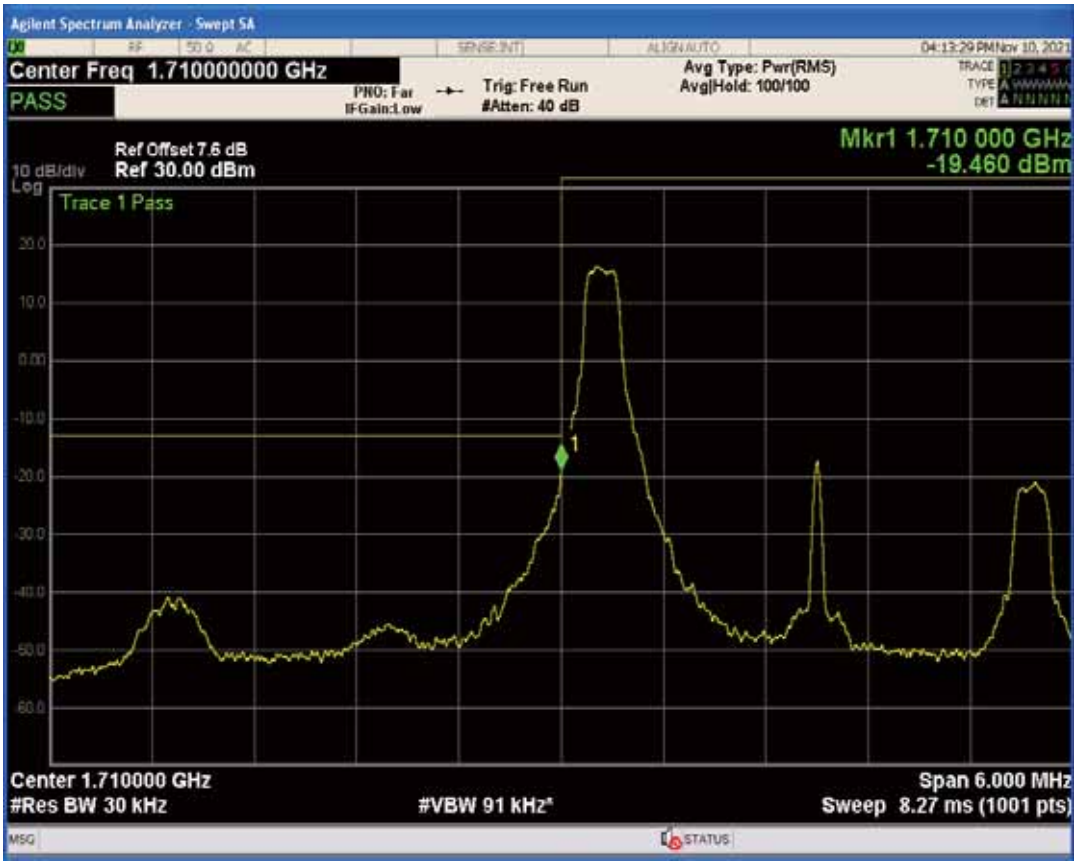
Band66 QAM16 BW=1.4MHz Channel=132665 RB Size=6 Position=#0

Band66 QAM16 BW=1.4MHz Channel=132665 RB Size=1 Position=#Max

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

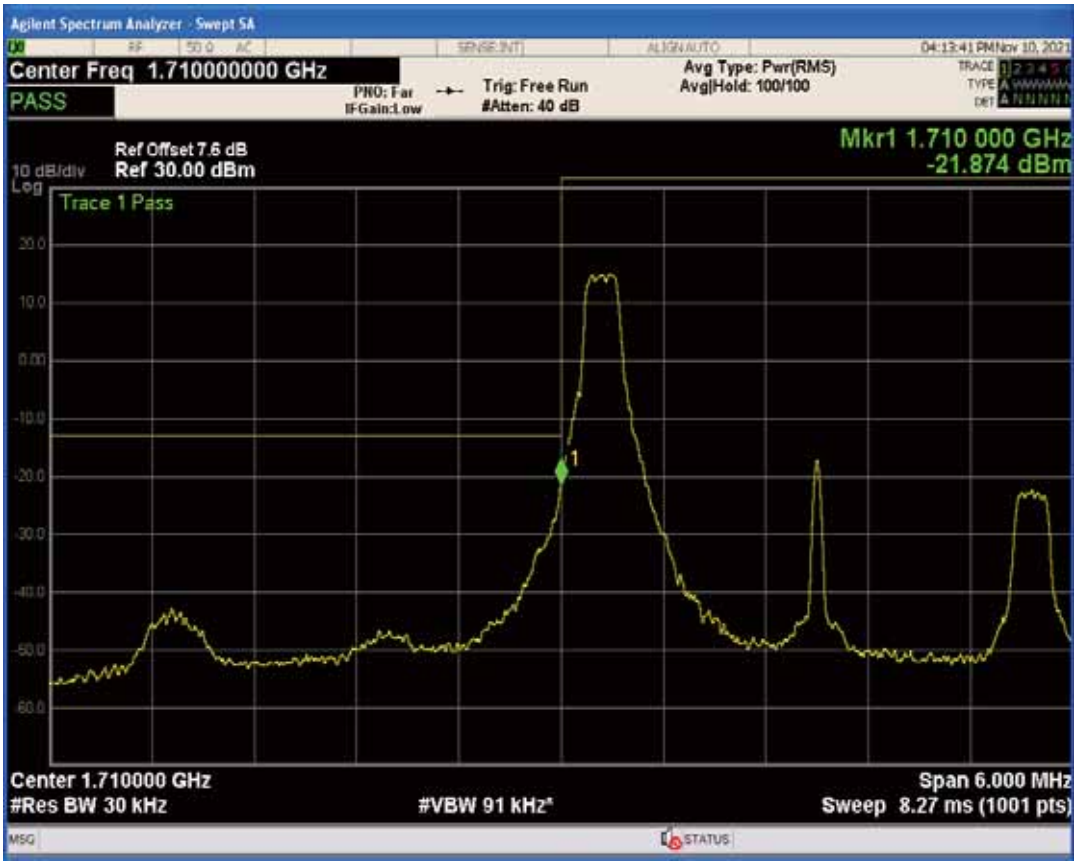


Band66 QPSK BW=3MHz Channel=131987 RB Size=1 Position=#0

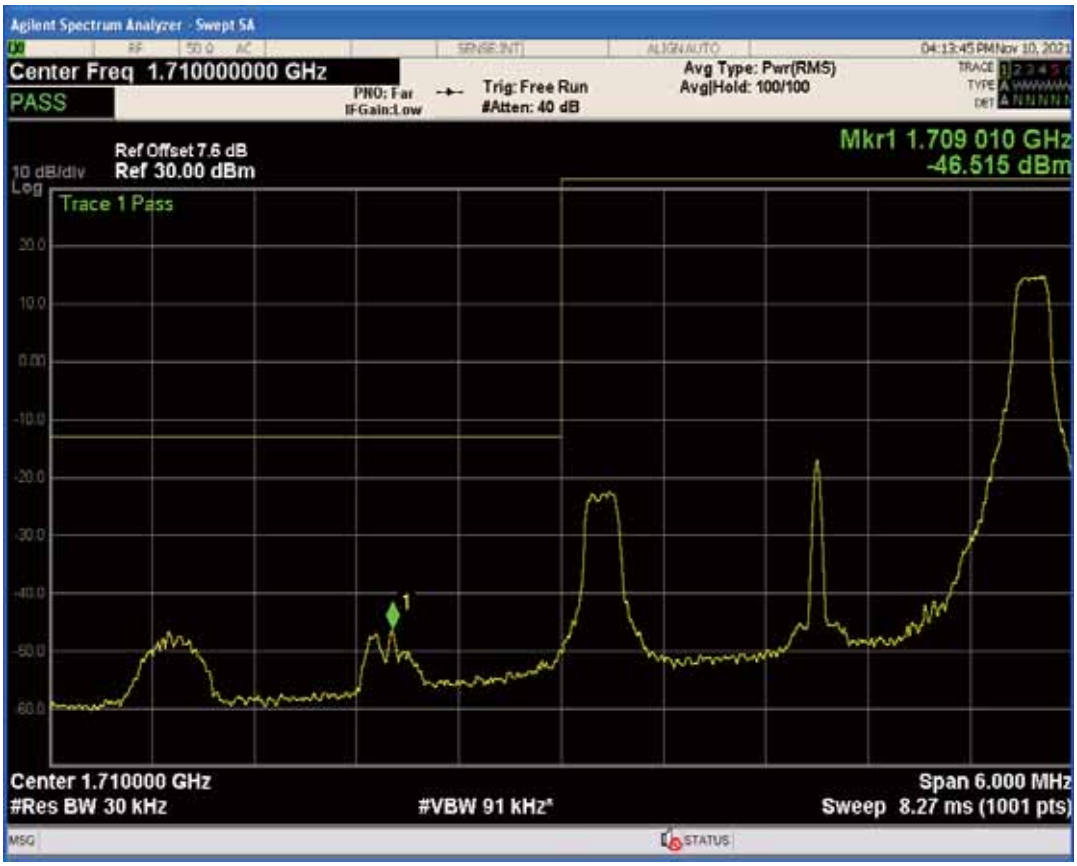


Band66 QPSK BW=3MHz Channel=131987 RB Size=15 Position=#0

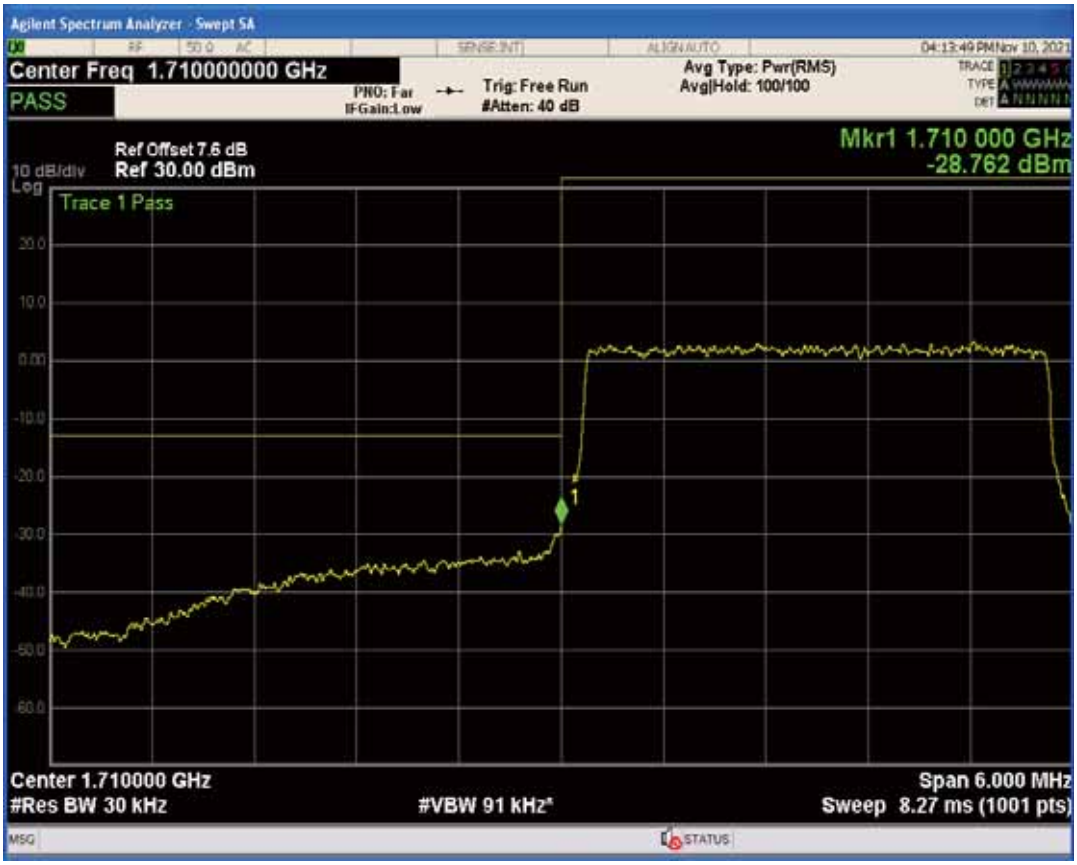
Band66 QAM16 BW=3MHz Channel=131987 RB Size=1 Position=#0



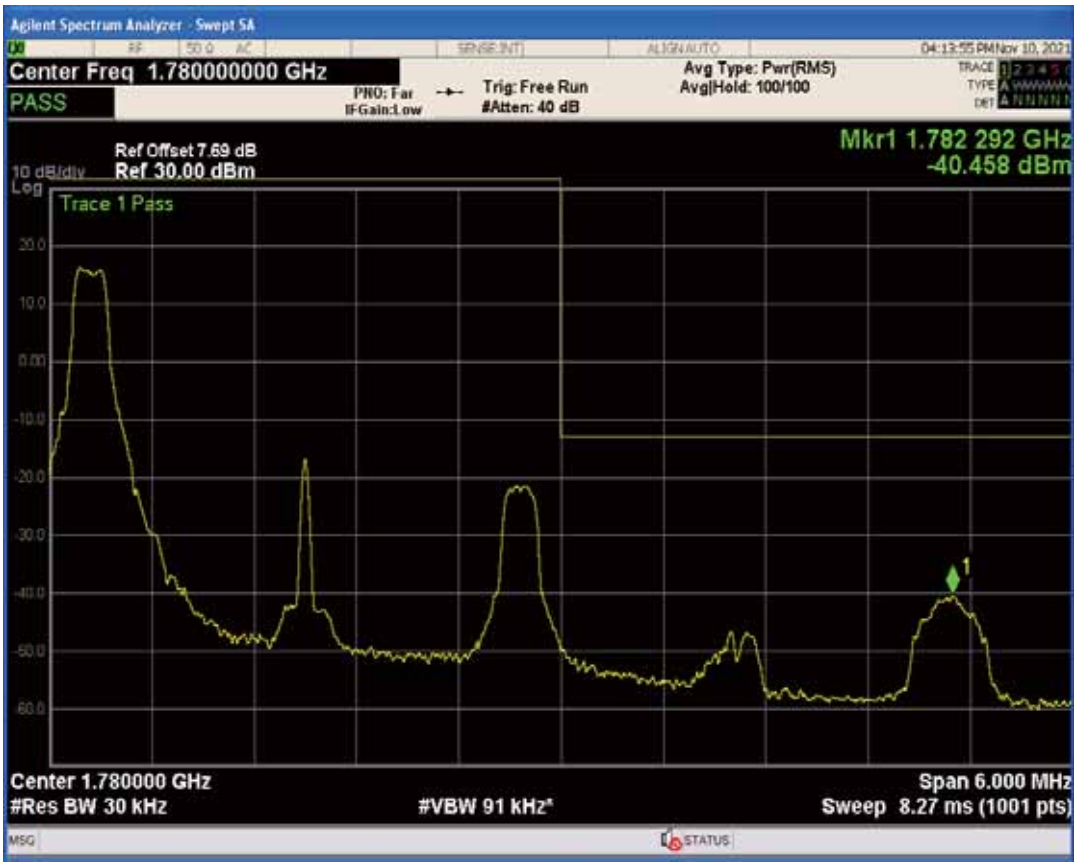
Band66 QAM16 BW=3MHz Channel=131987 RB Size=1 Position=#Max



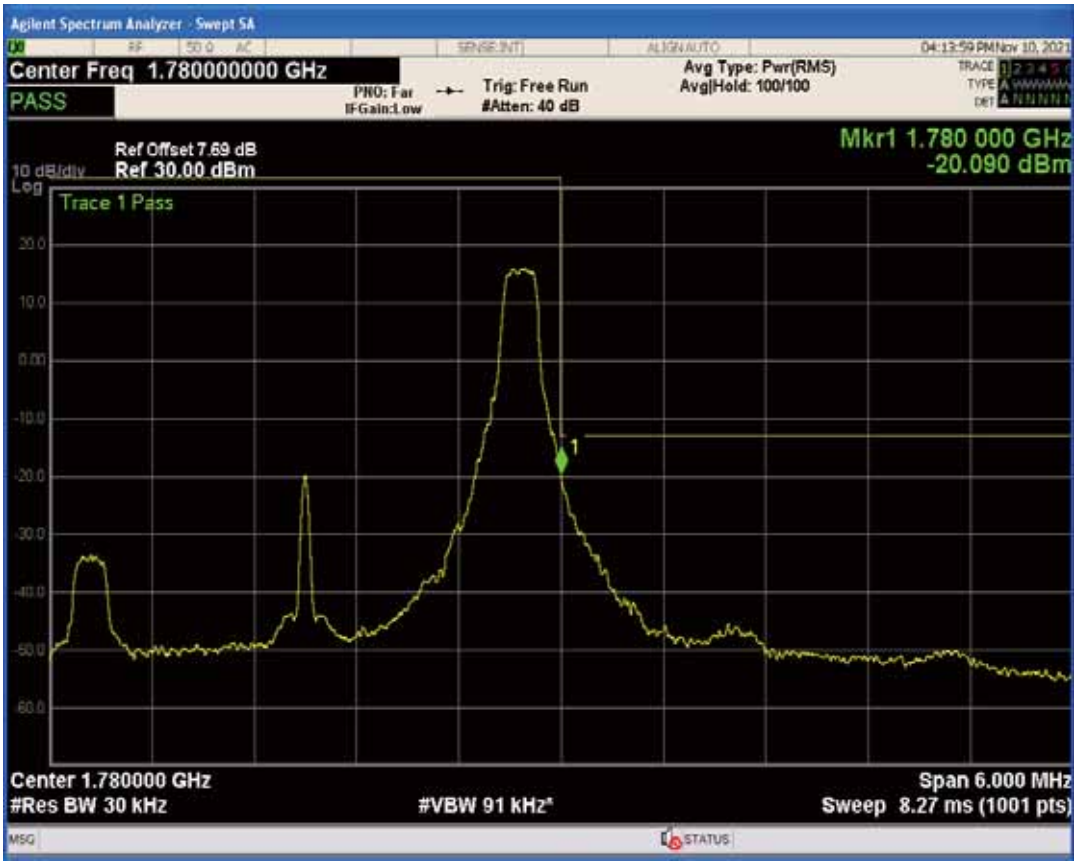
Band66 QAM16 BW=3MHz Channel=131987 RB Size=15 Position=#0



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

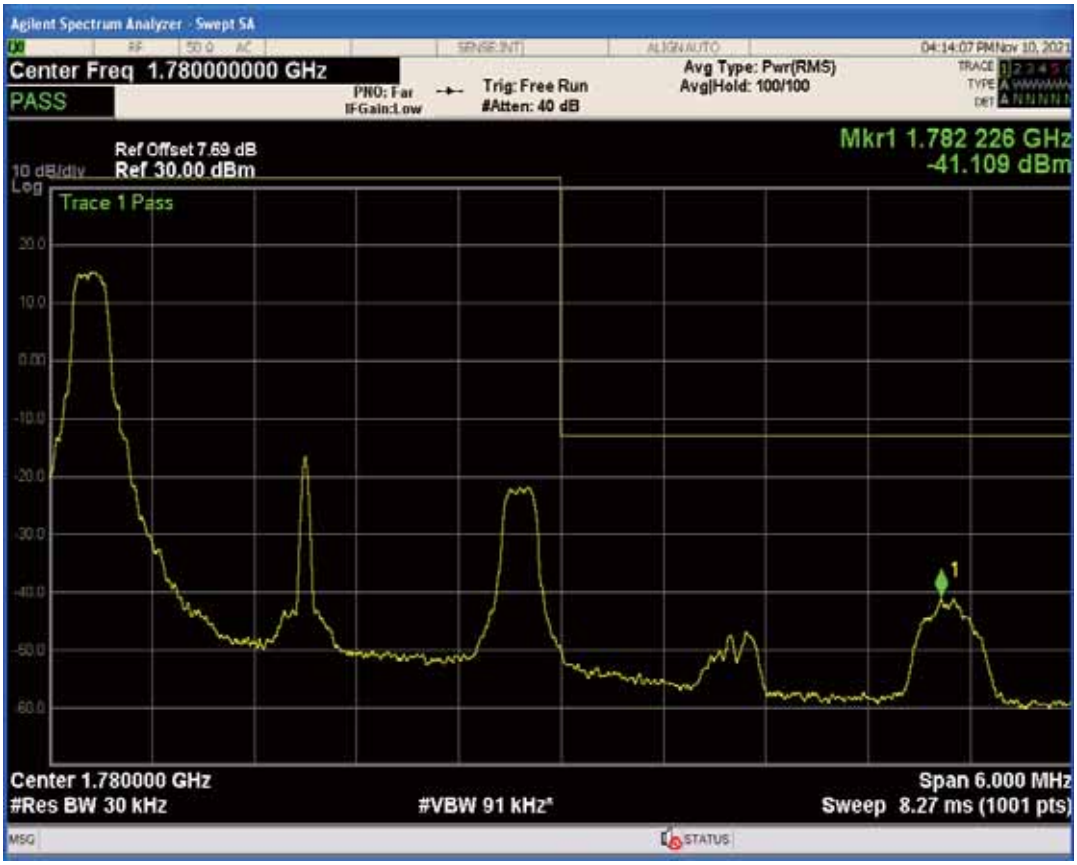


Band66 QPSK BW=3MHz Channel=132657 RB Size=1 Position=#Max

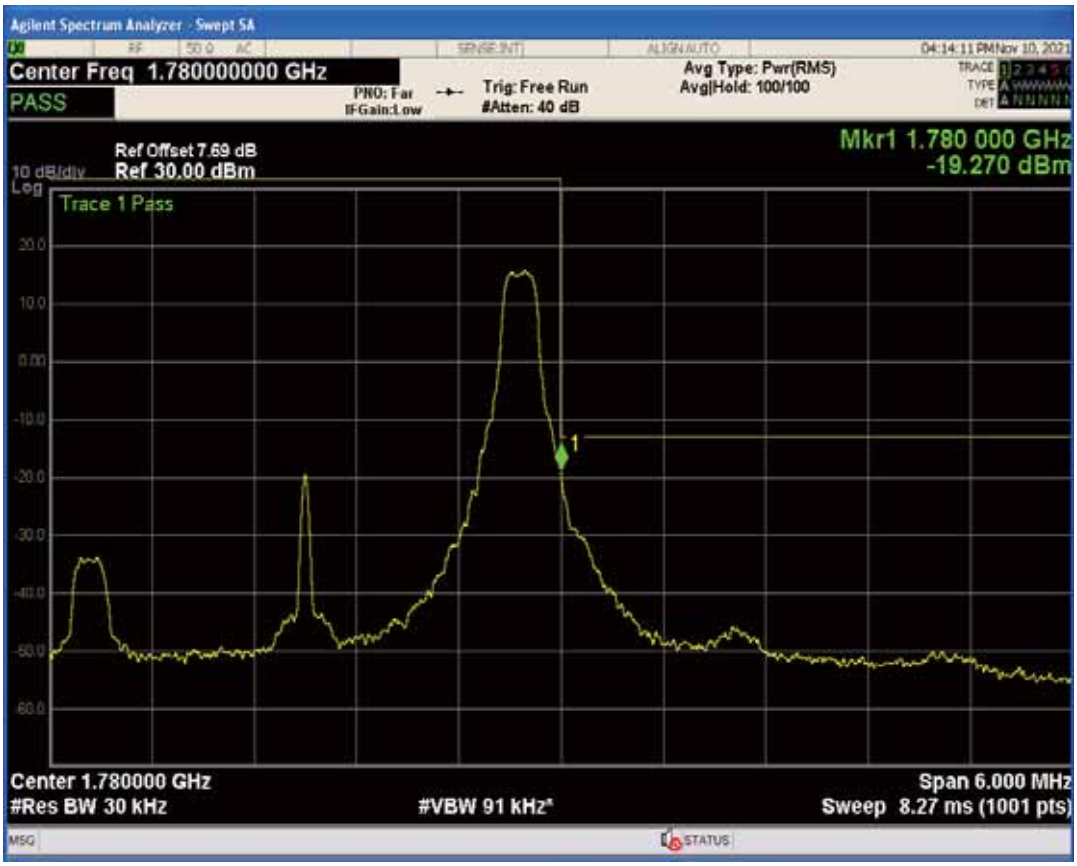


Band66 QPSK BW=3MHz Channel=132657 RB Size=15 Position=#0

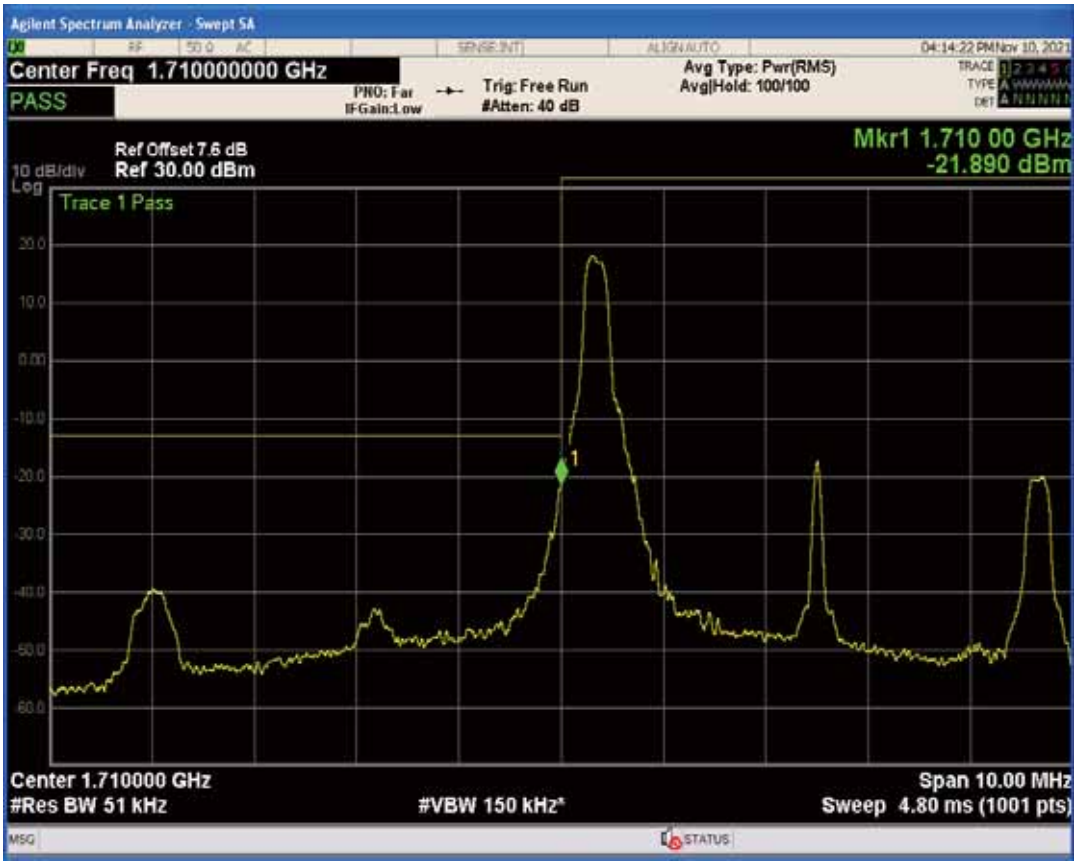
Band66 QAM16 BW=3MHz Channel=132657 RB Size=1 Position=#0



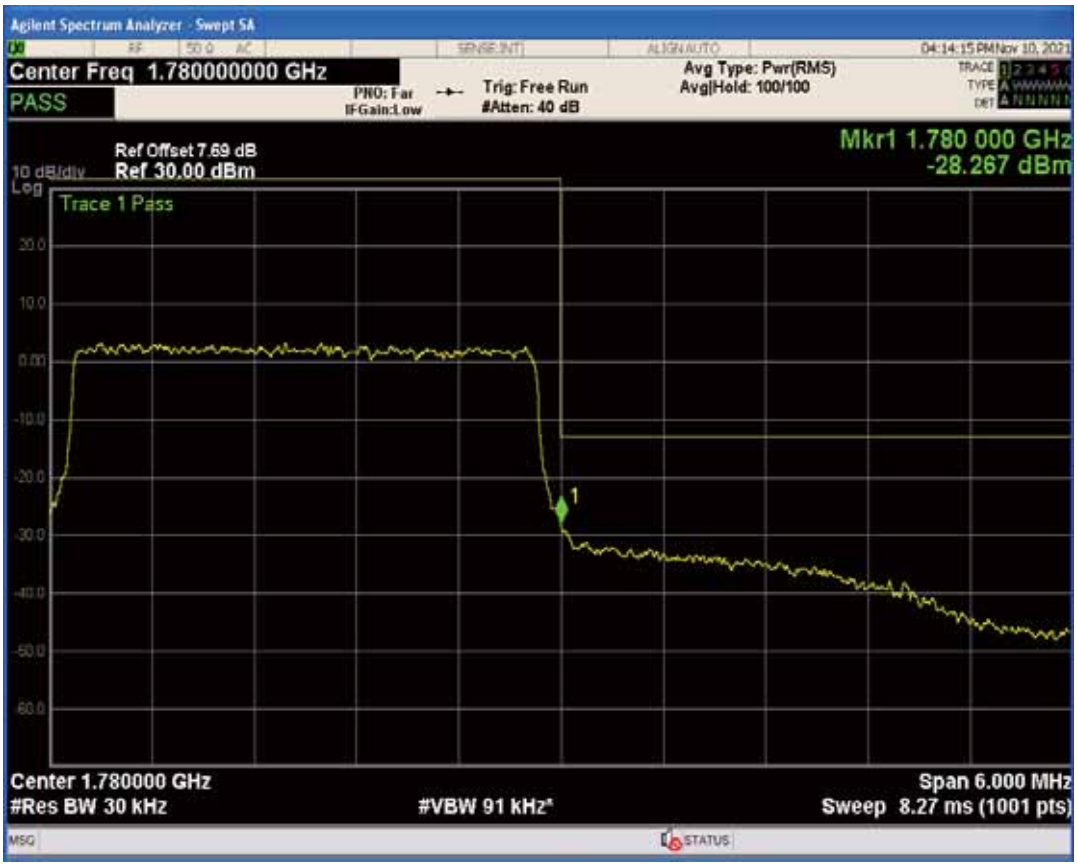
Band66 QAM16 BW=3MHz Channel=132657 RB Size=1 Position=#Max



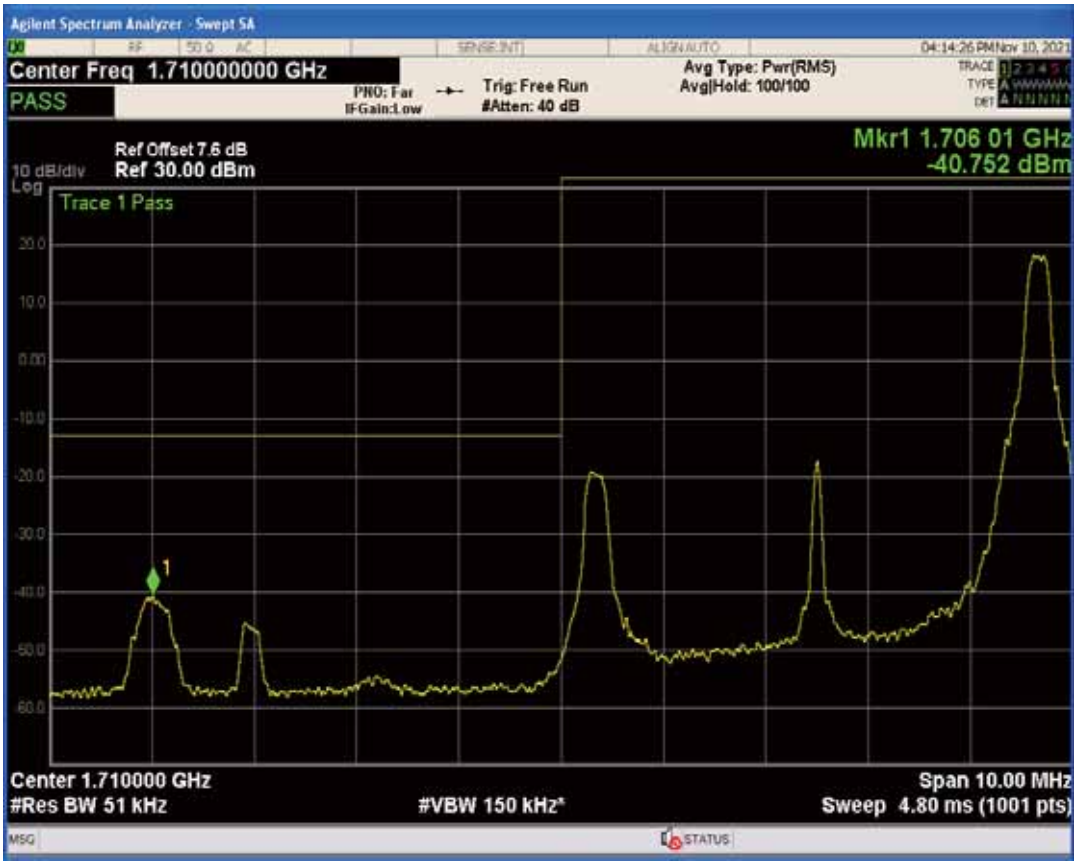
Band66 QPSK BW=5MHz Channel=131997 RB Size=1 Position=#0



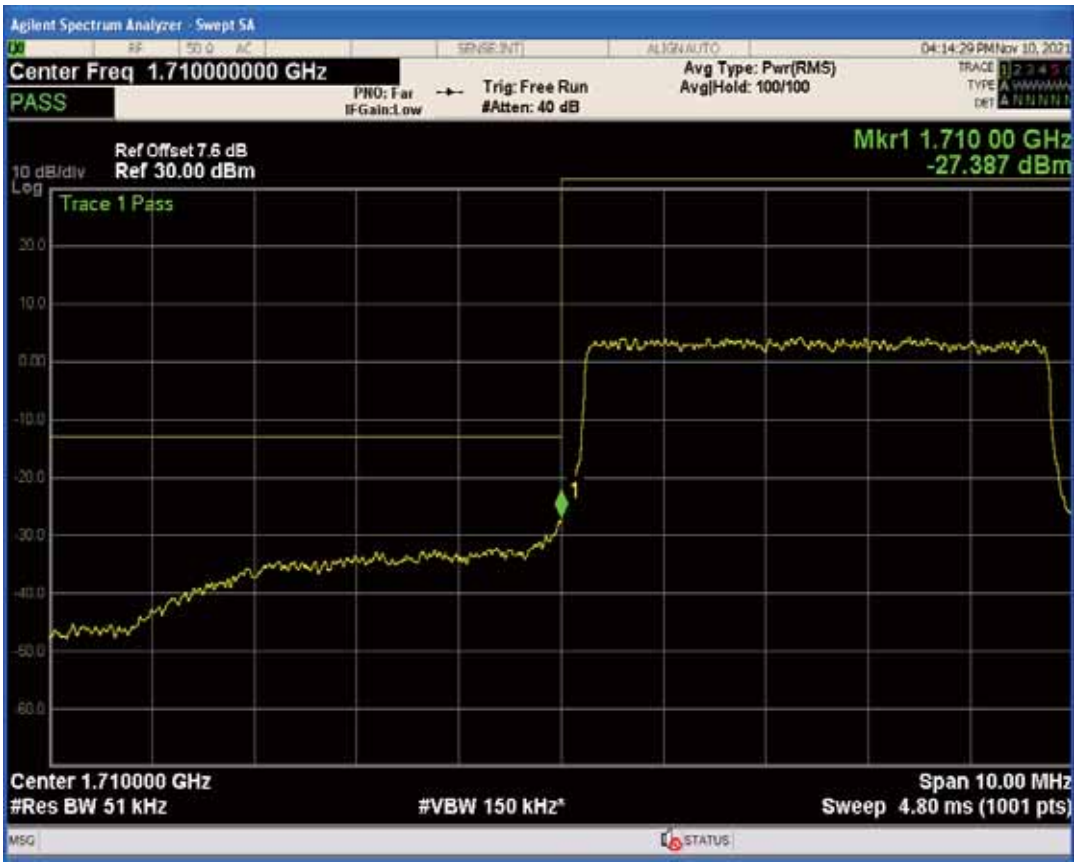
Band66 QAM16 BW=3MHz Channel=132657 RB Size=15 Position=#0



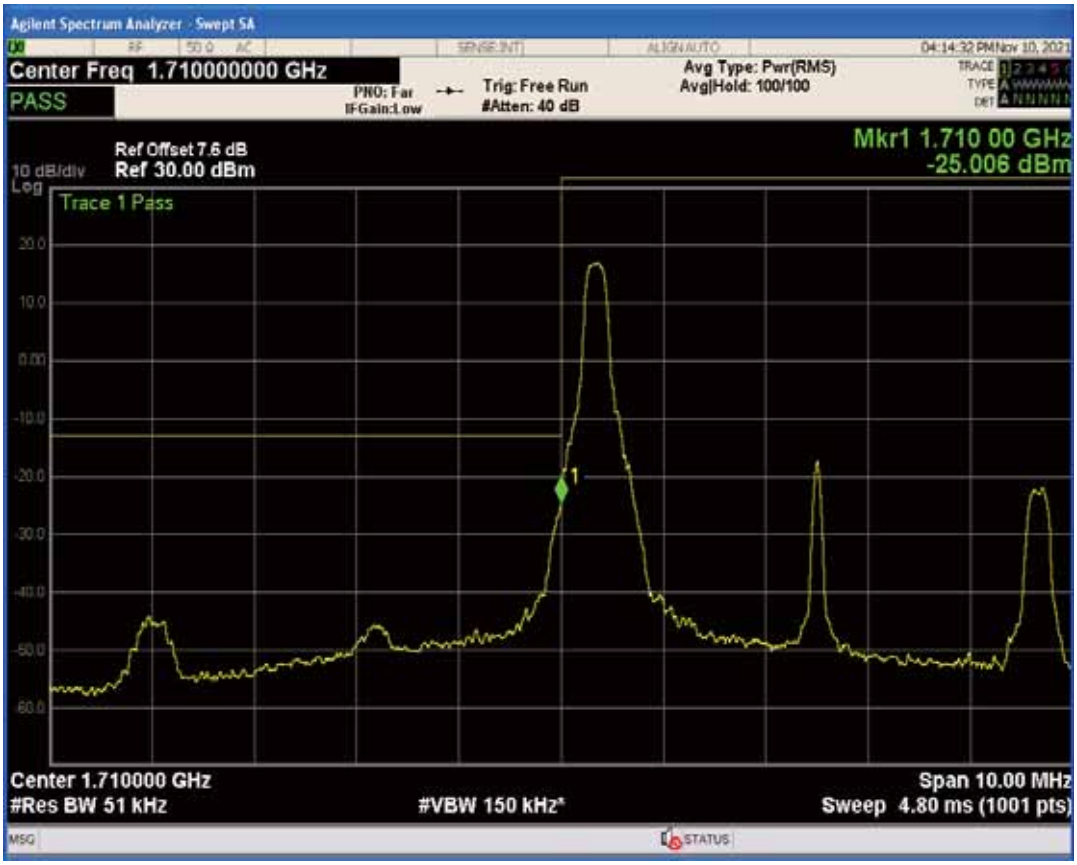
Band66 QPSK BW=5MHz Channel=131997 RB Size=1 Position=#Max



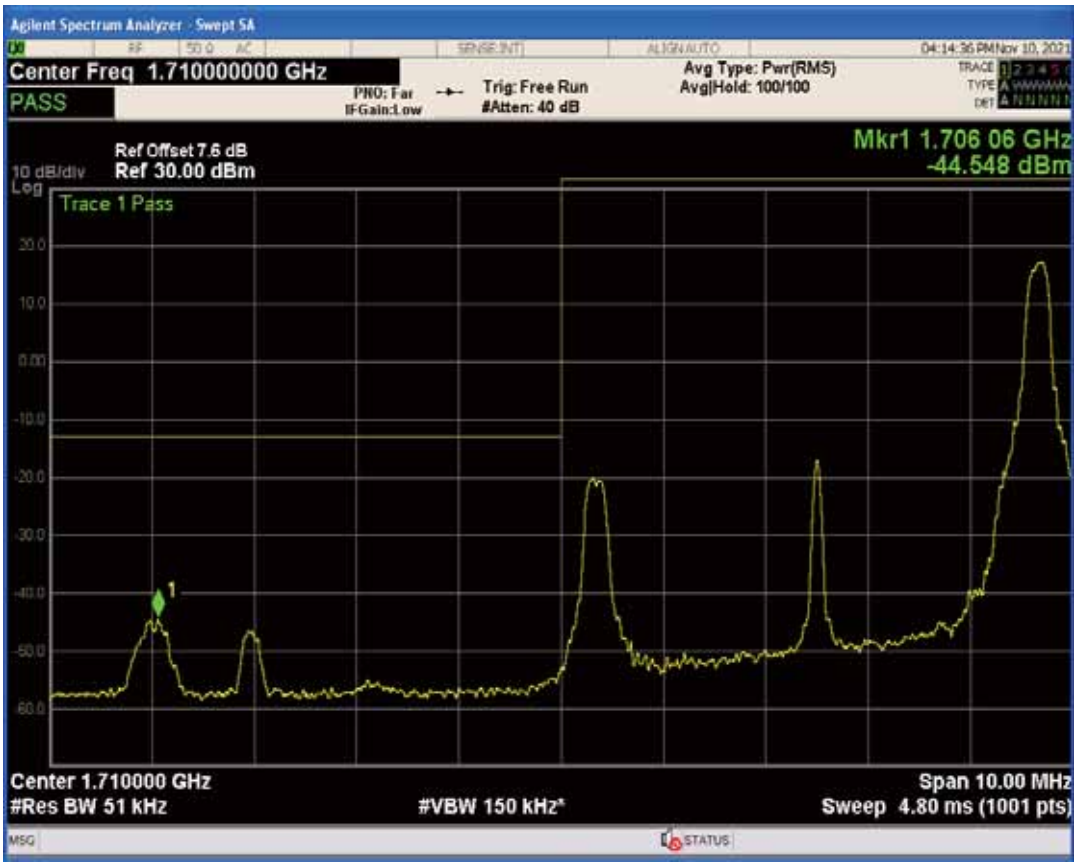
Band66 QPSK BW=5MHz Channel=131997 RB Size=25 Position=#0



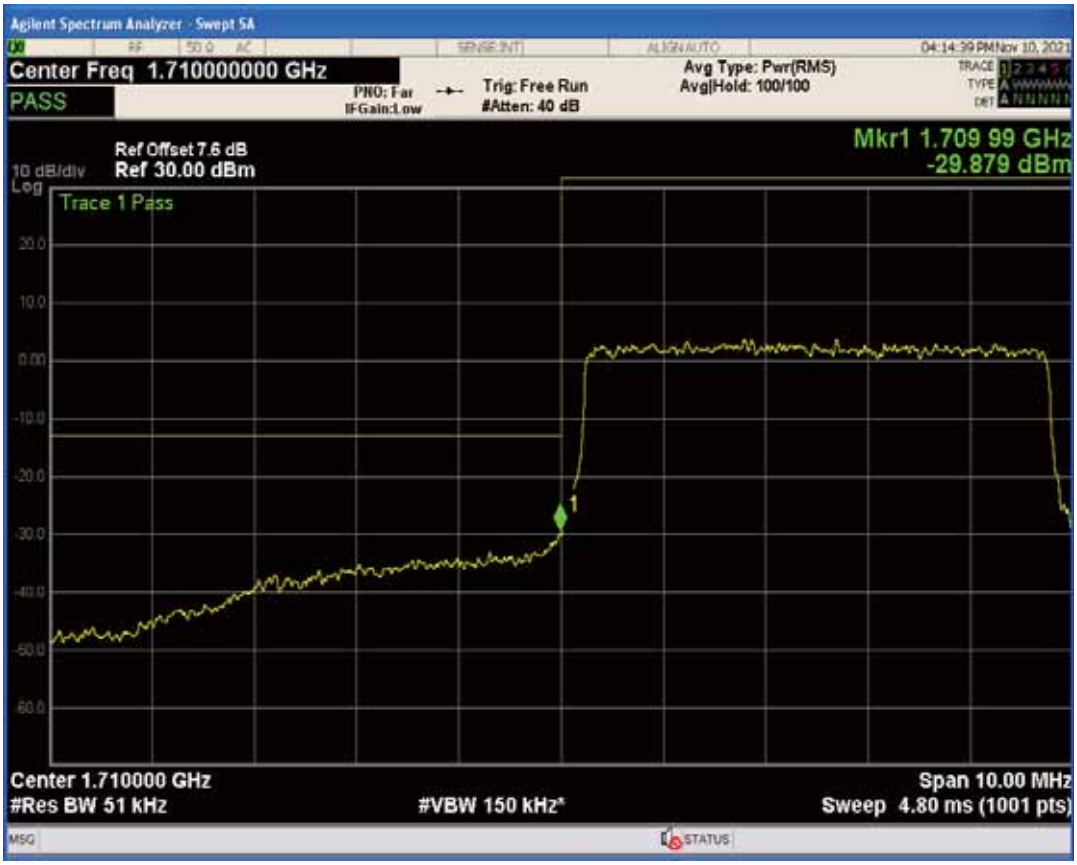
Band66 QAM16 BW=5MHz Channel=131997 RB Size=1 Position=#0



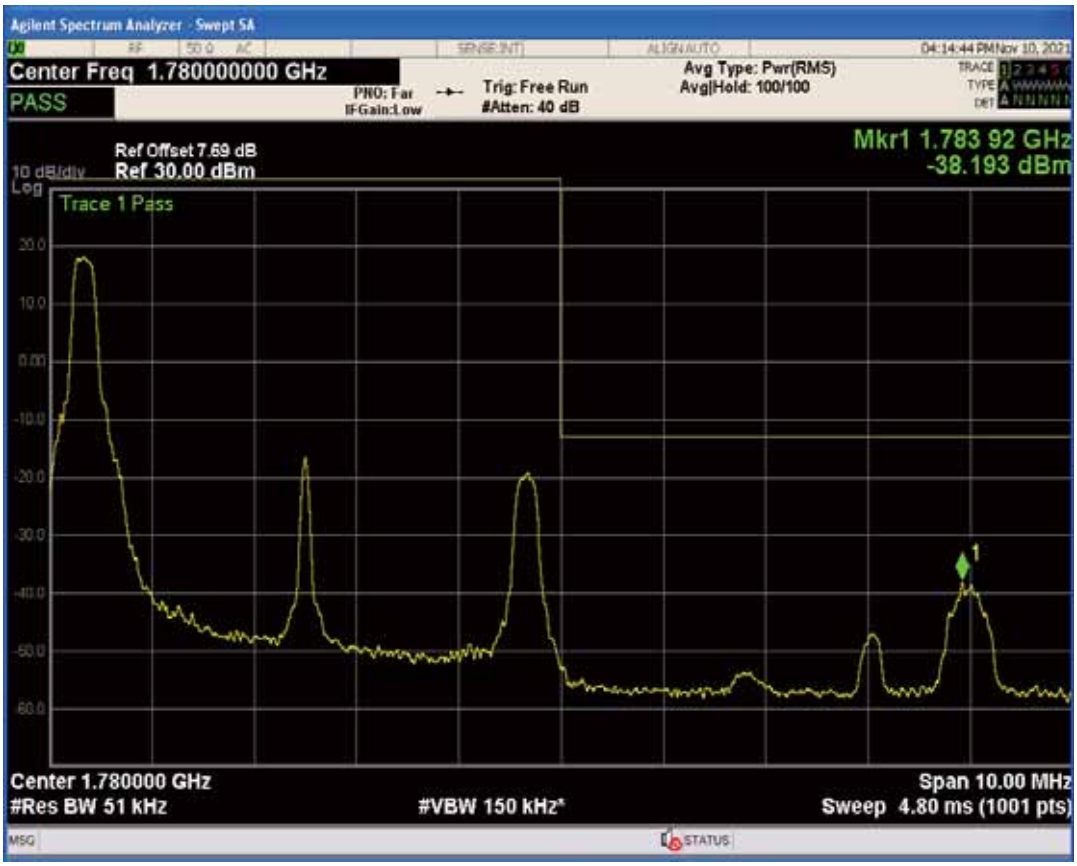
Band66 QAM16 BW=5MHz Channel=131997 RB Size=1 Position=#Max



Band66 QAM16 BW=5MHz Channel=131997 RB Size=25 Position=#0

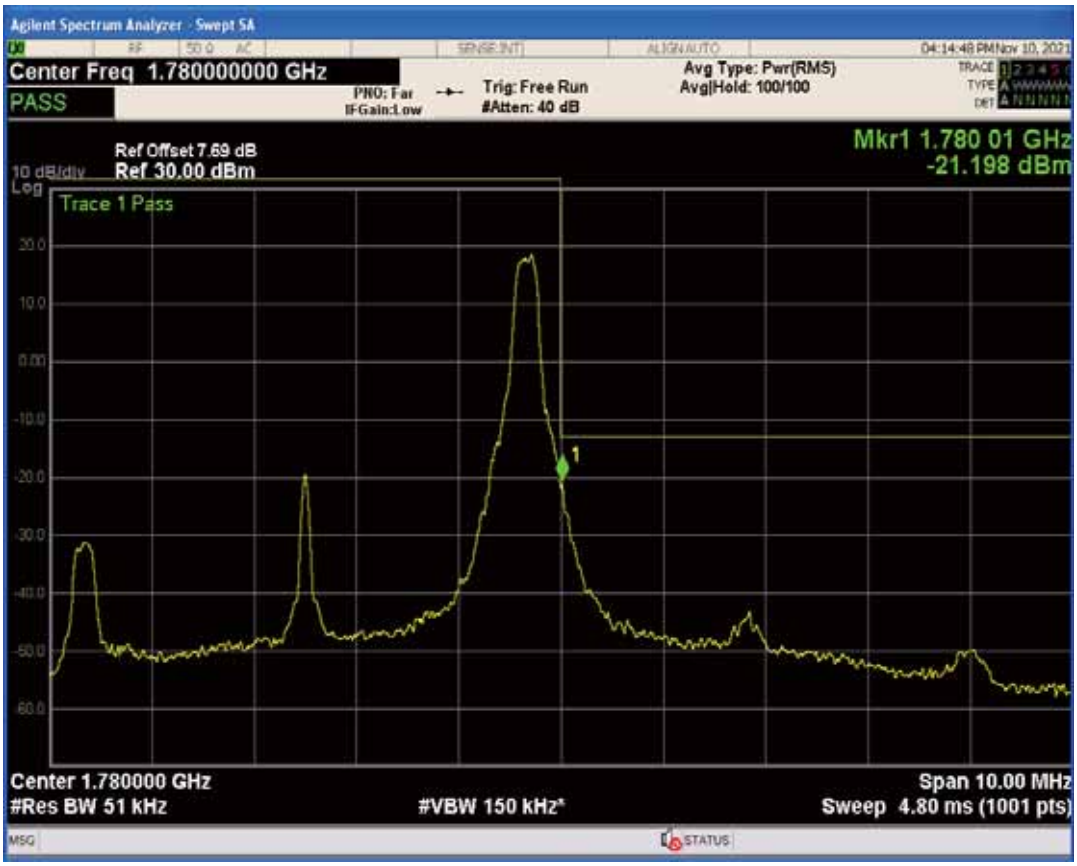


Band66 QPSK BW=5MHz Channel=132647 RB Size=1 Position=#0

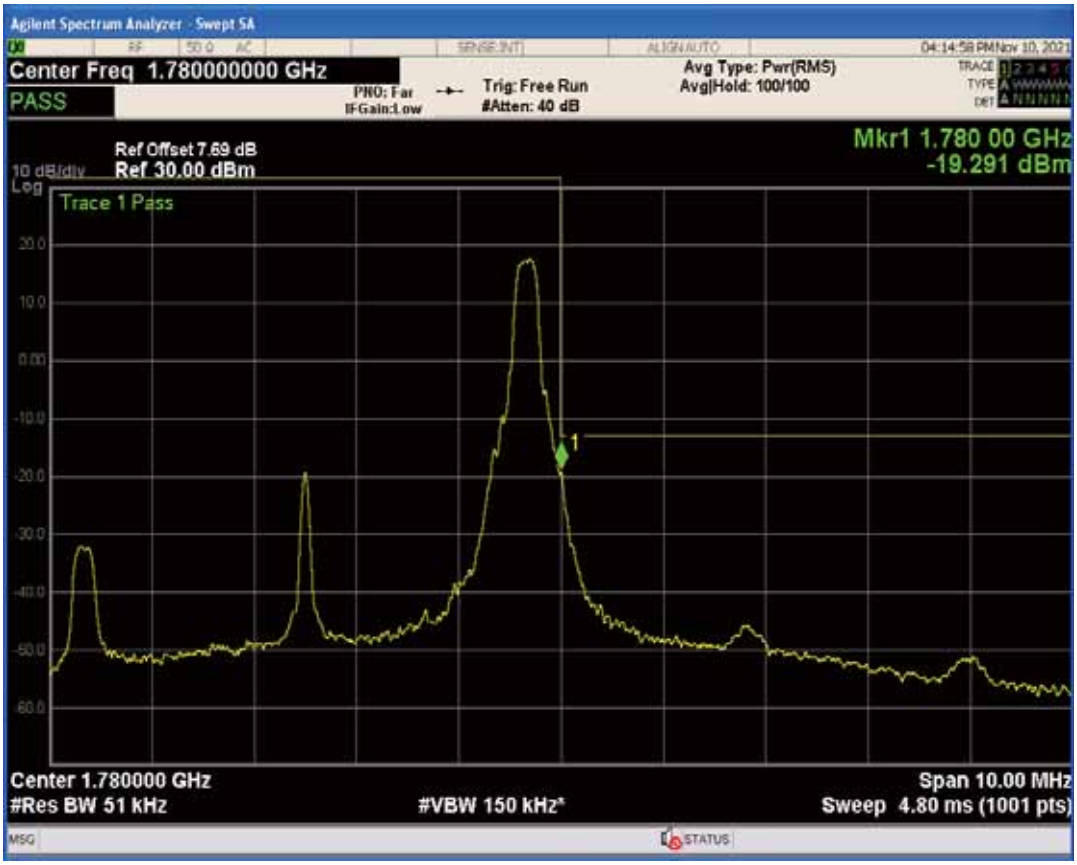


Band66 QPSK BW=5MHz Channel=132647 RB Size=25 Position=#0

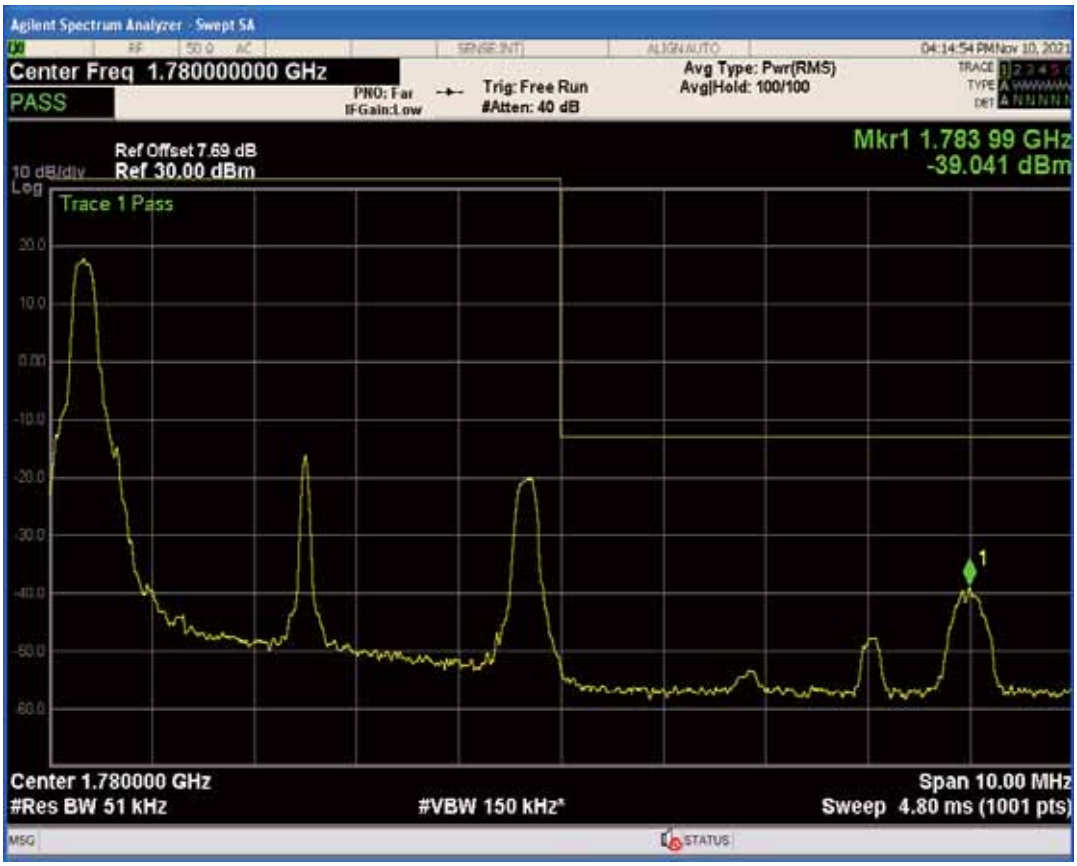
Band66 QPSK BW=5MHz Channel=132647 RB Size=1 Position=#Max



Band66 QAM16 BW=5MHz Channel=132647 RB Size=1 Position=#Max

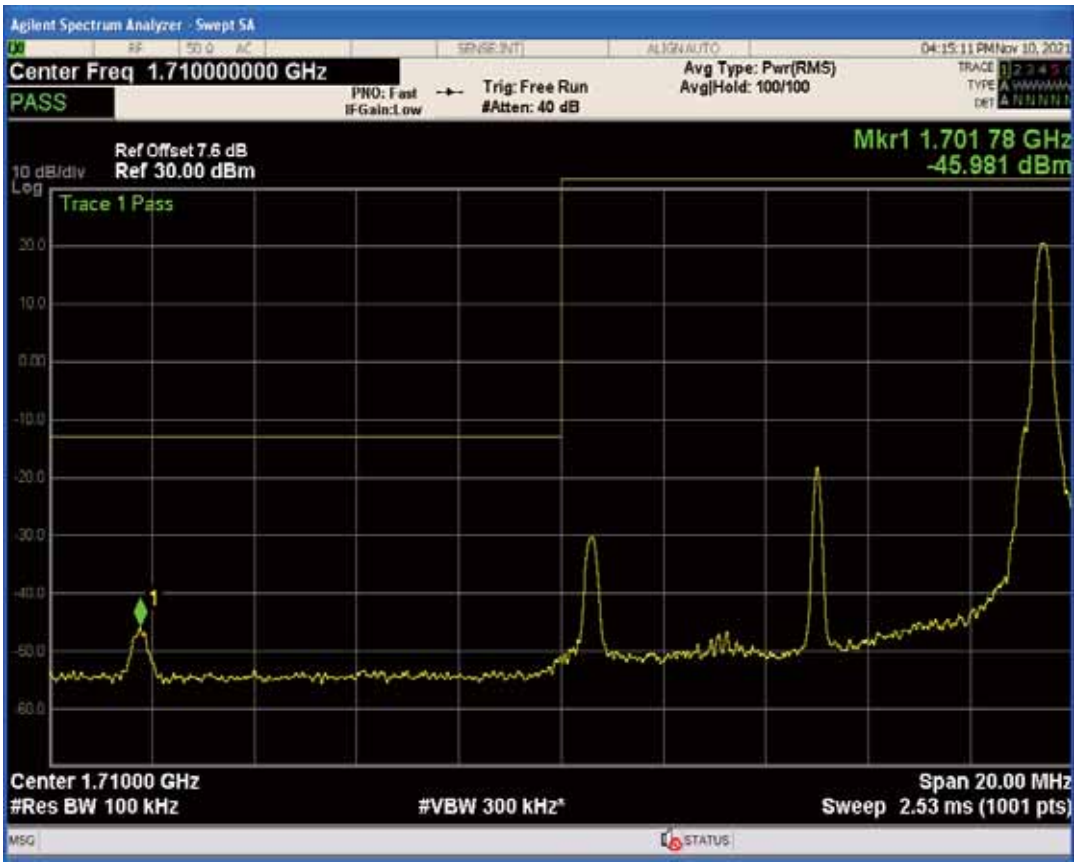


Band66 QAM16 BW=5MHz Channel=132647 RB Size=1 Position=#0

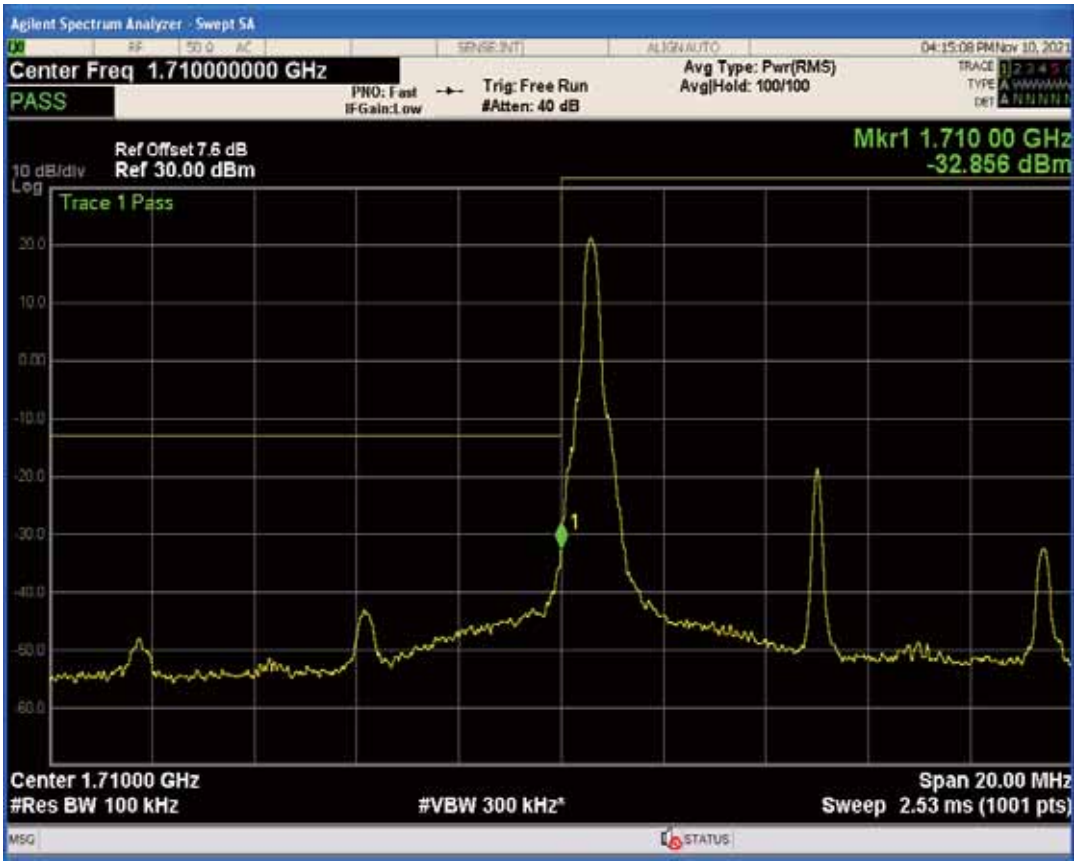


Band66 QAM16 BW=5MHz Channel=132647 RB Size=25 Position=#0

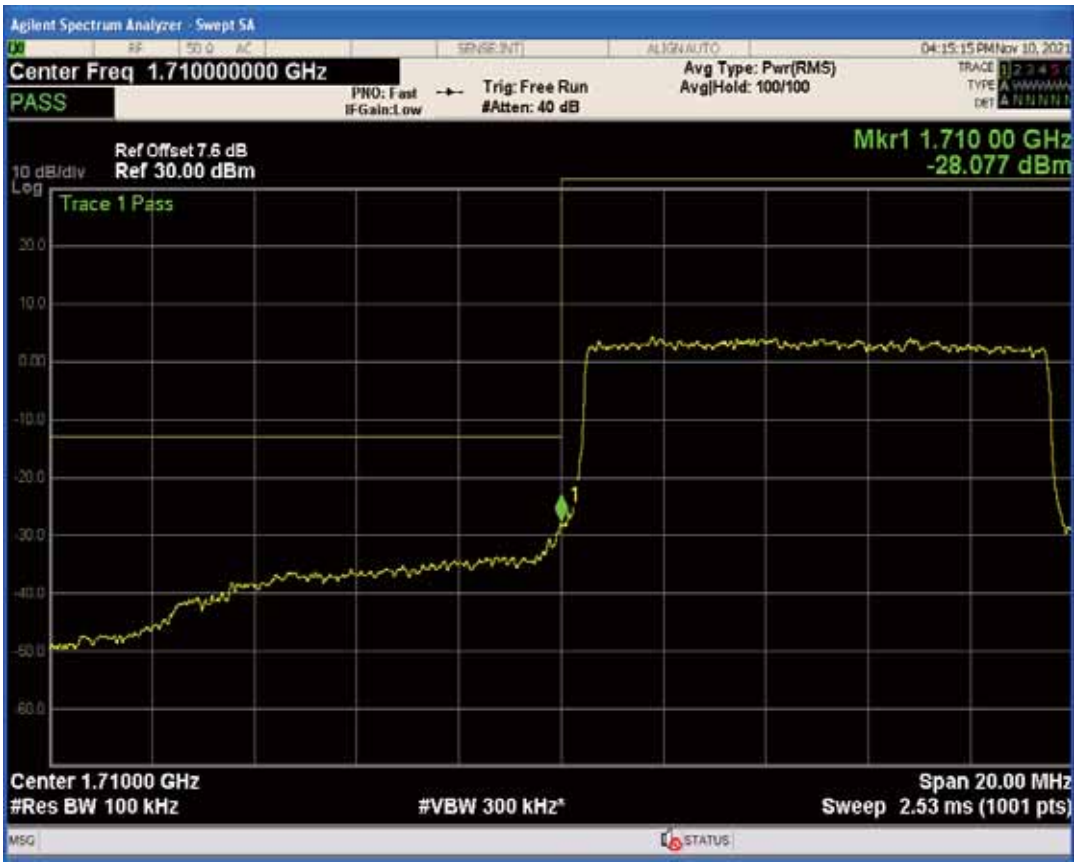
Band66 QPSK BW=10MHz Channel=132022 RB Size=1 Position=#Max



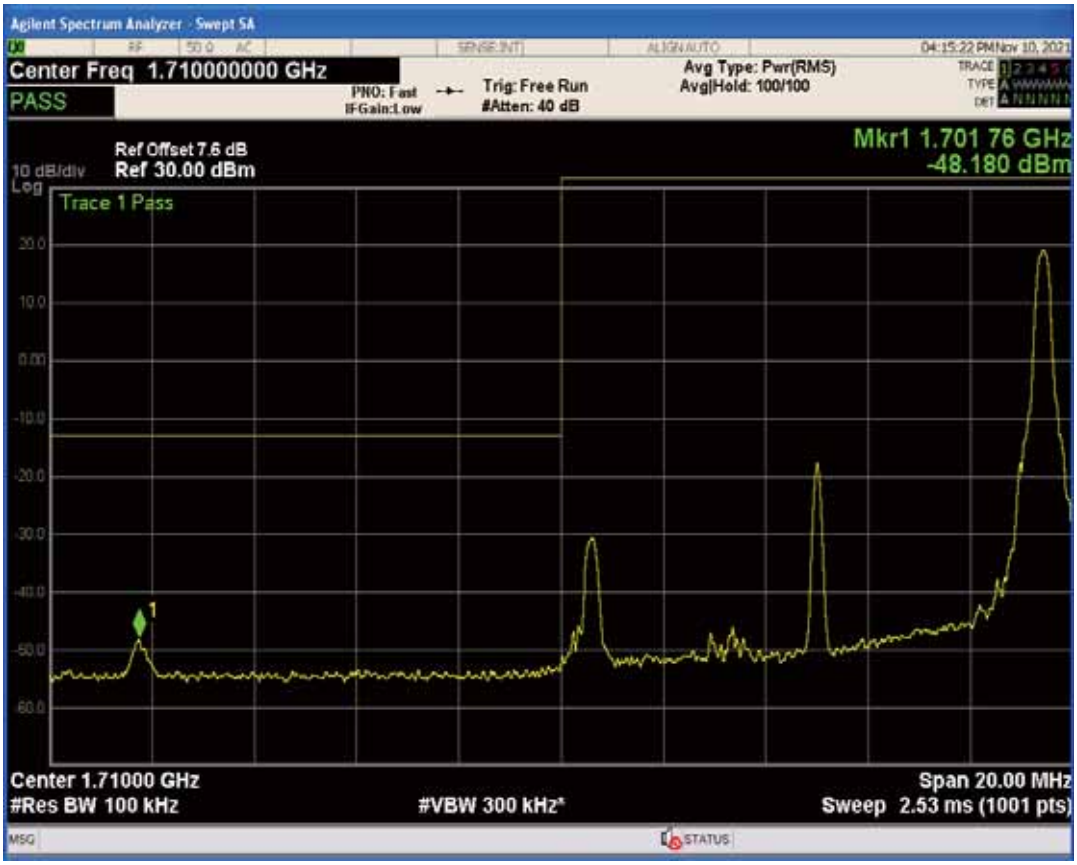
Band66 QPSK BW=10MHz Channel=132022 RB Size=1 Position=#0



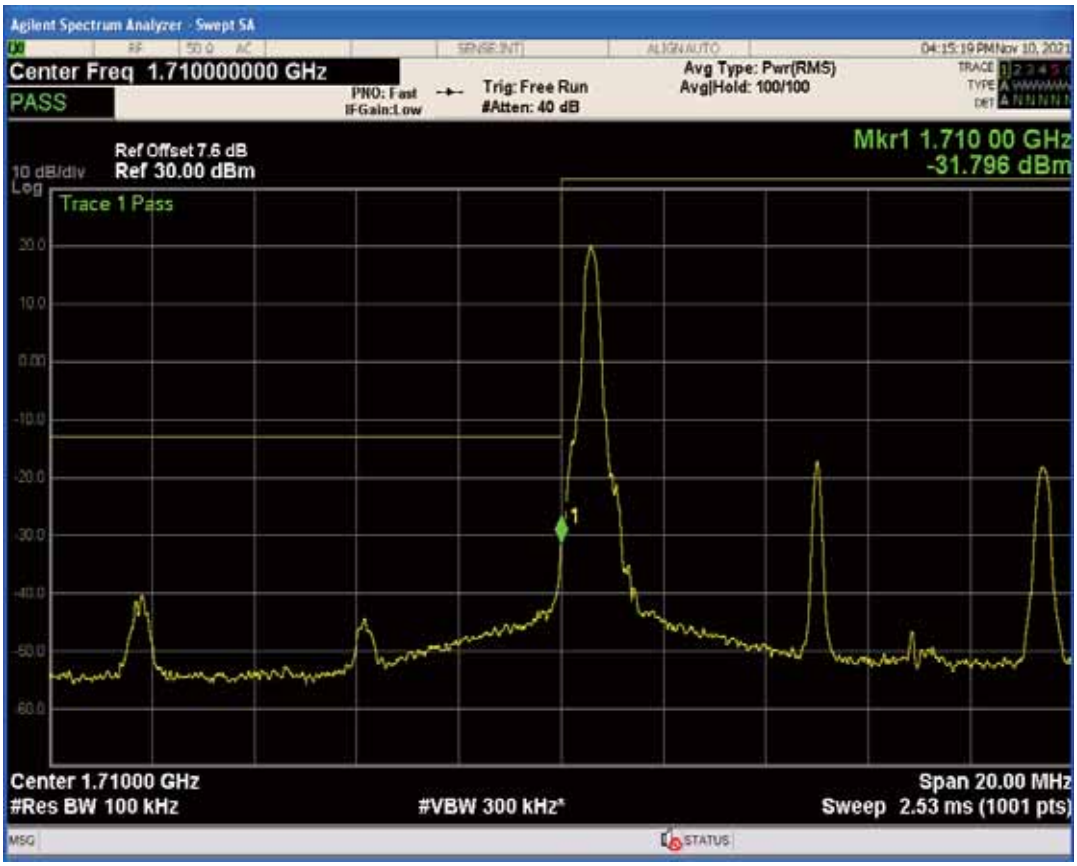
Band66 QPSK BW=10MHz Channel=132022 RB Size=50 Position=#0



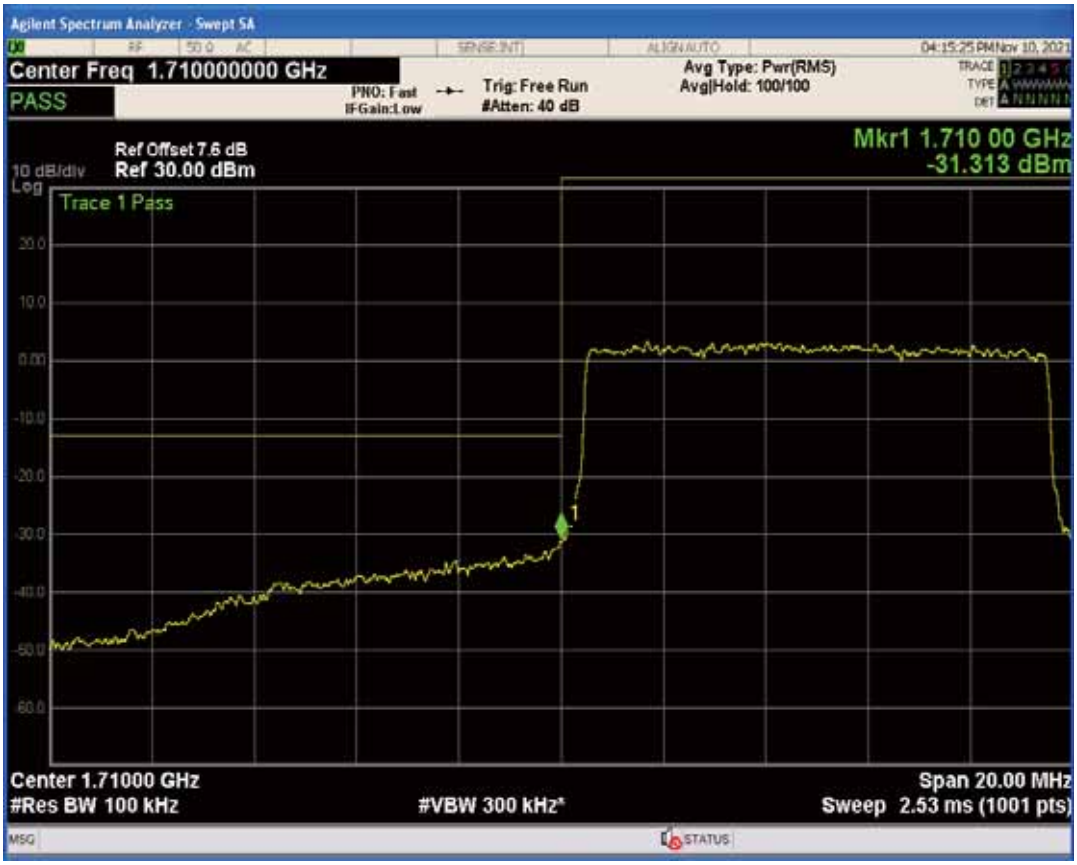
Band66 QAM16 BW=10MHz Channel=132022 RB Size=1 Position=#Max



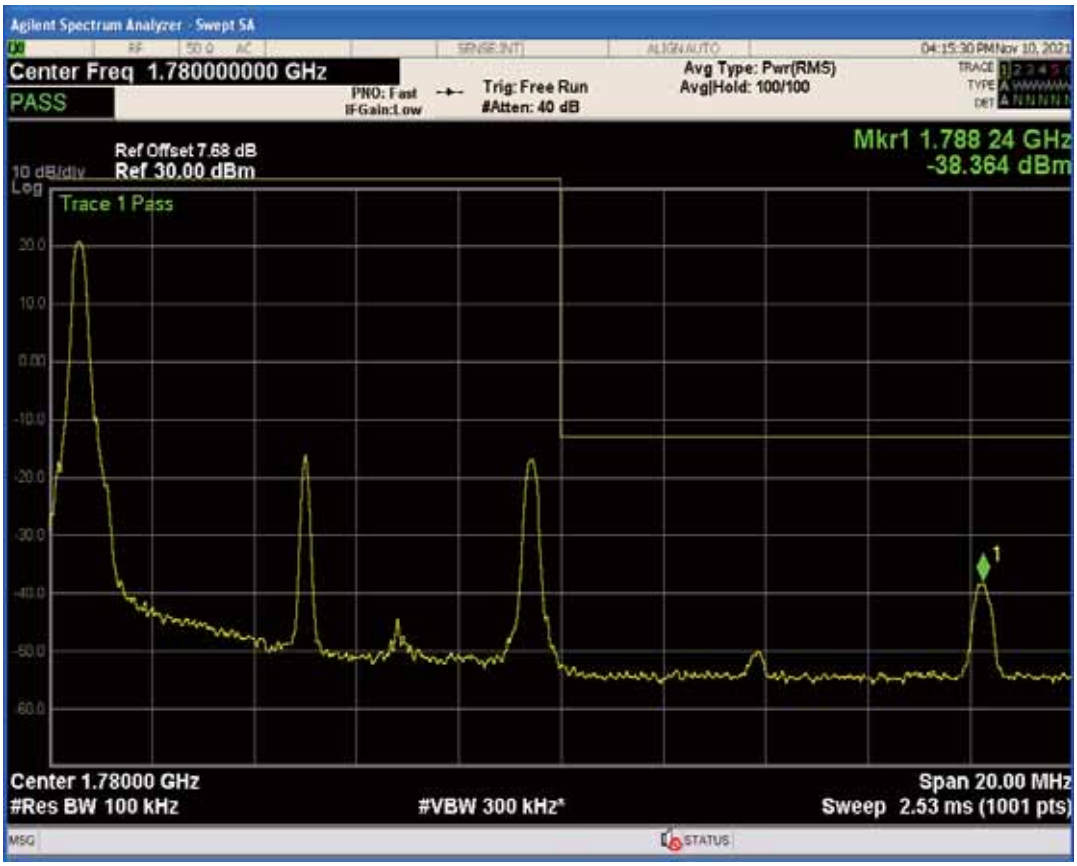
Band66 QAM16 BW=10MHz Channel=132022 RB Size=1 Position=#0



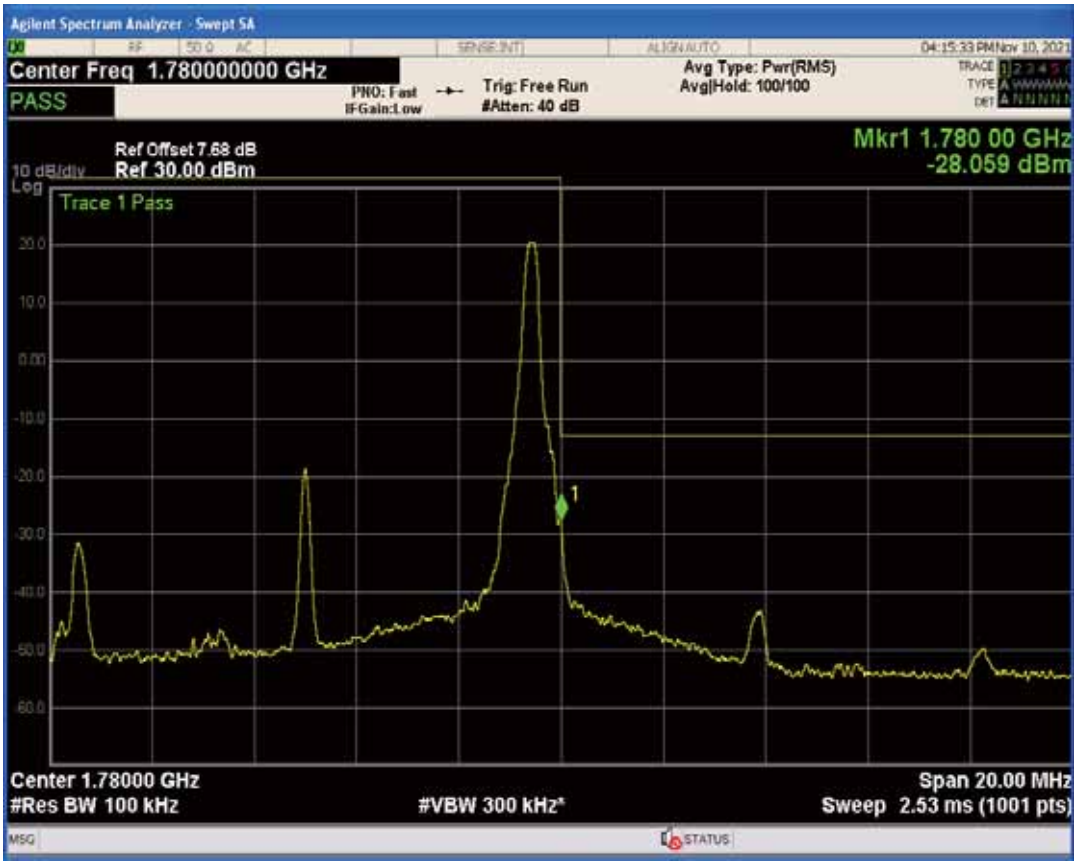
Band66 QAM16 BW=10MHz Channel=132022 RB Size=50 Position=#0



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

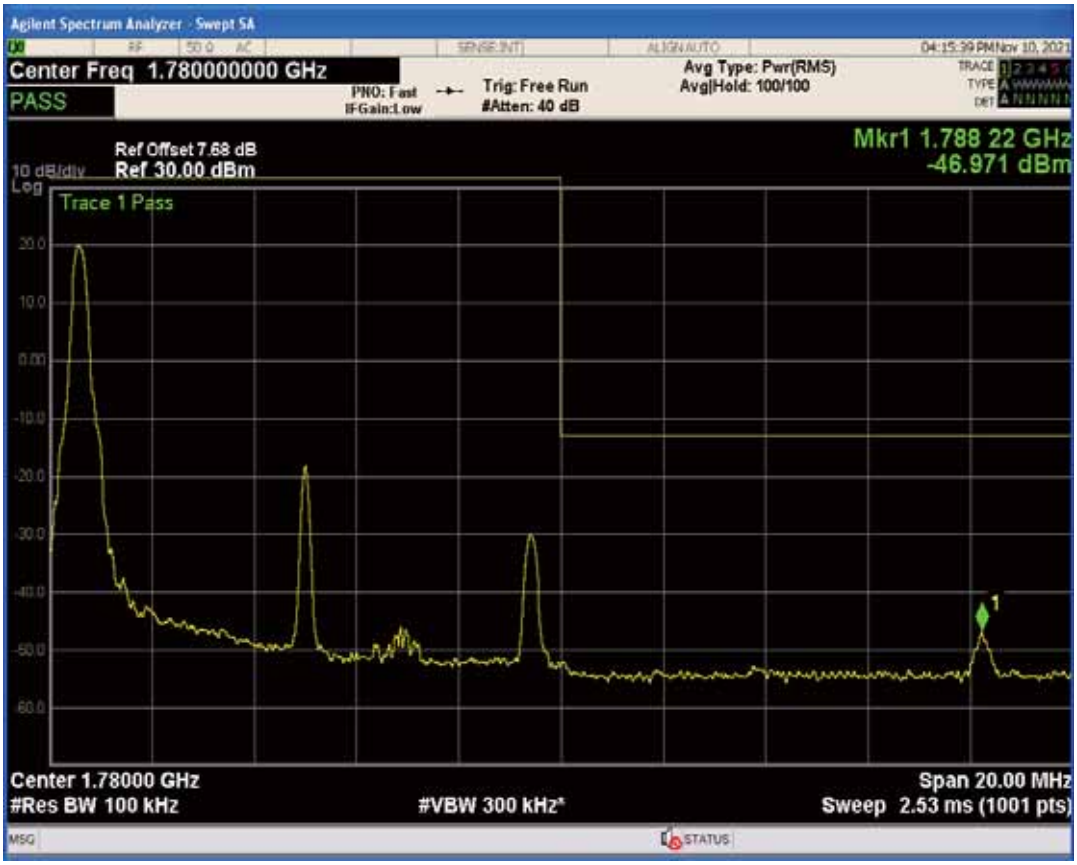


Band66 QPSK BW=10MHz Channel=132622 RB Size=1 Position=#Max

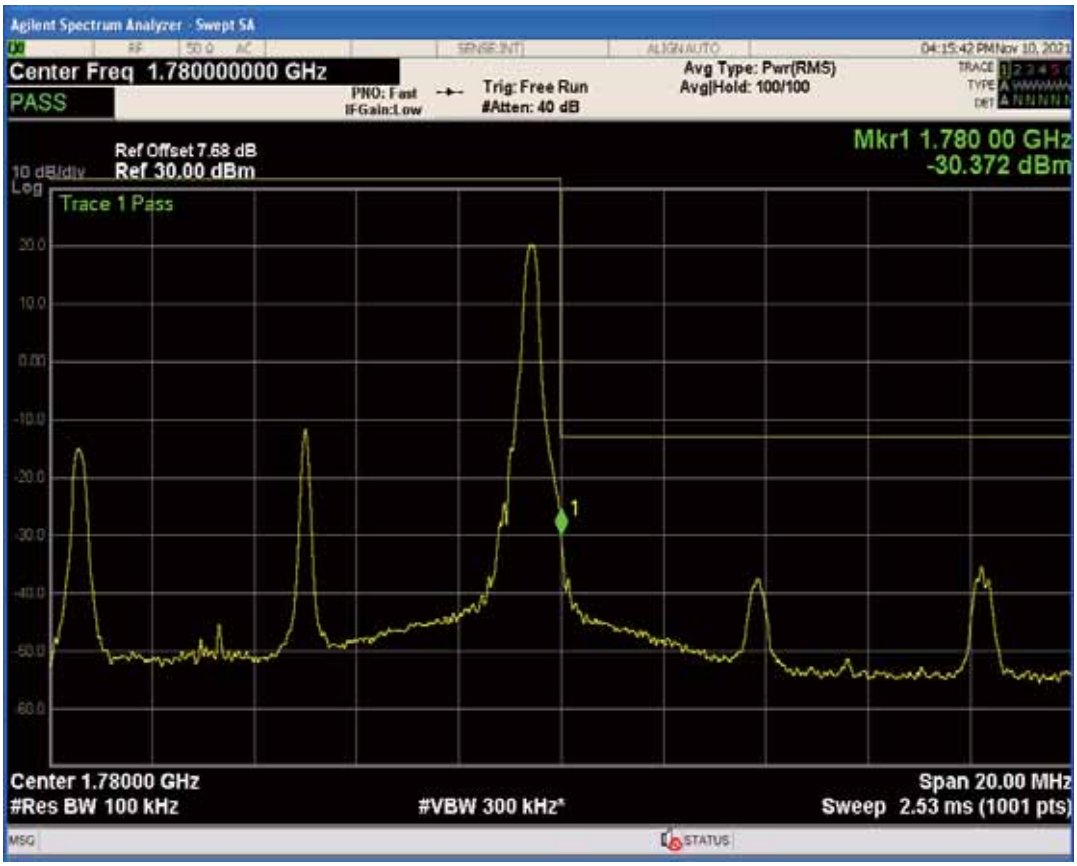


Band66 QPSK BW=10MHz Channel=132622 RB Size=50 Position=#0

Band66 QAM16 BW=10MHz Channel=132622 RB Size=1 Position=#0

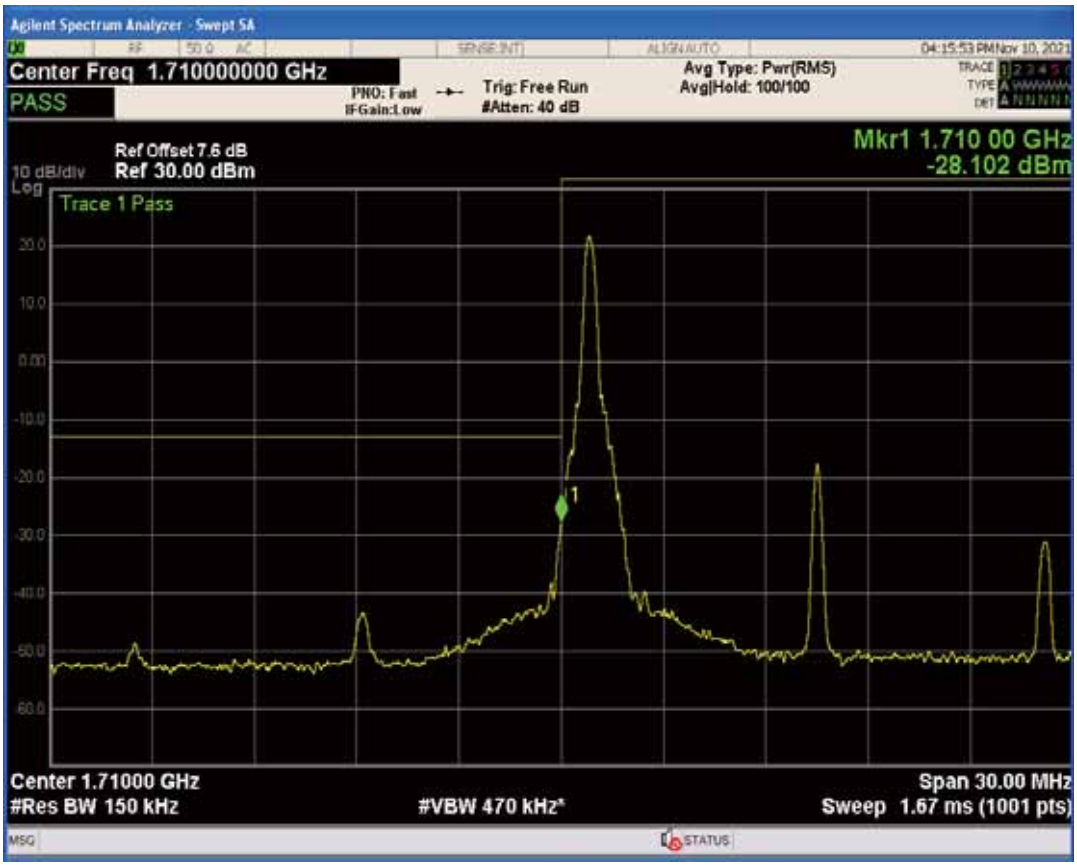


Band66 QAM16 BW=10MHz Channel=132622 RB Size=1 Position=#Max

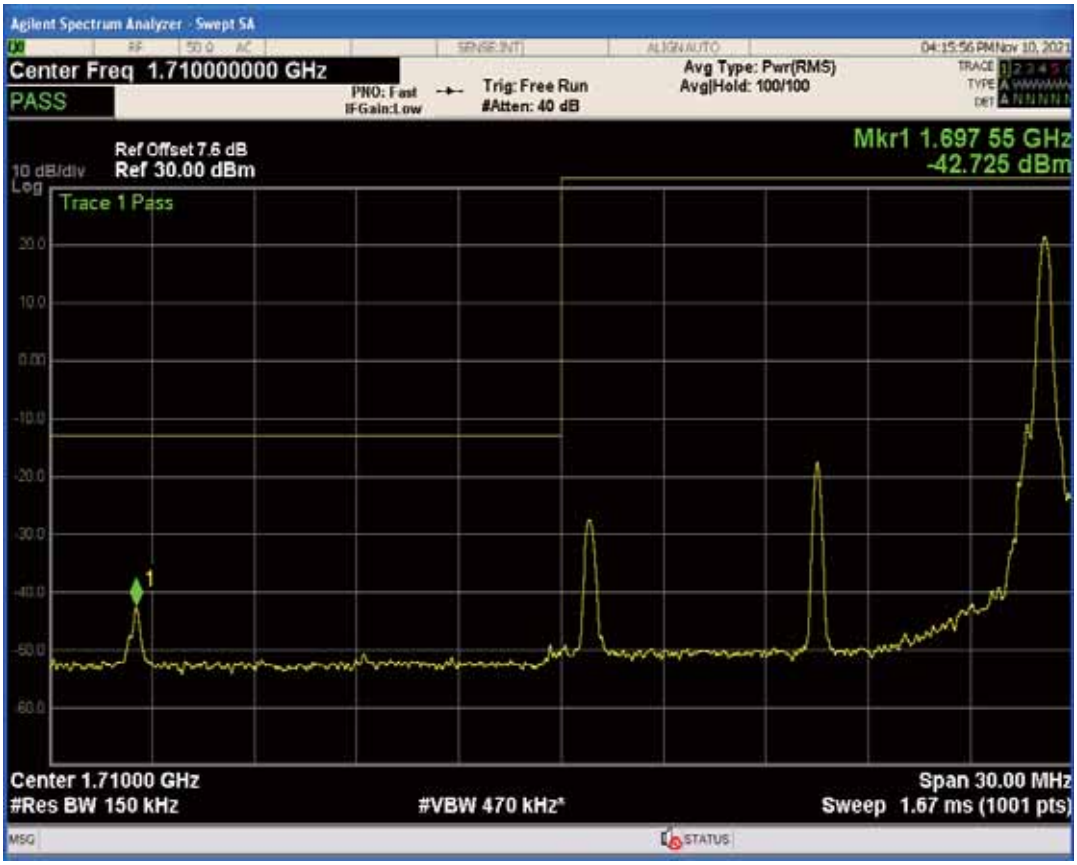


Band66 QAM16 BW=10MHz Channel=132622 RB Size=50 Position=#0

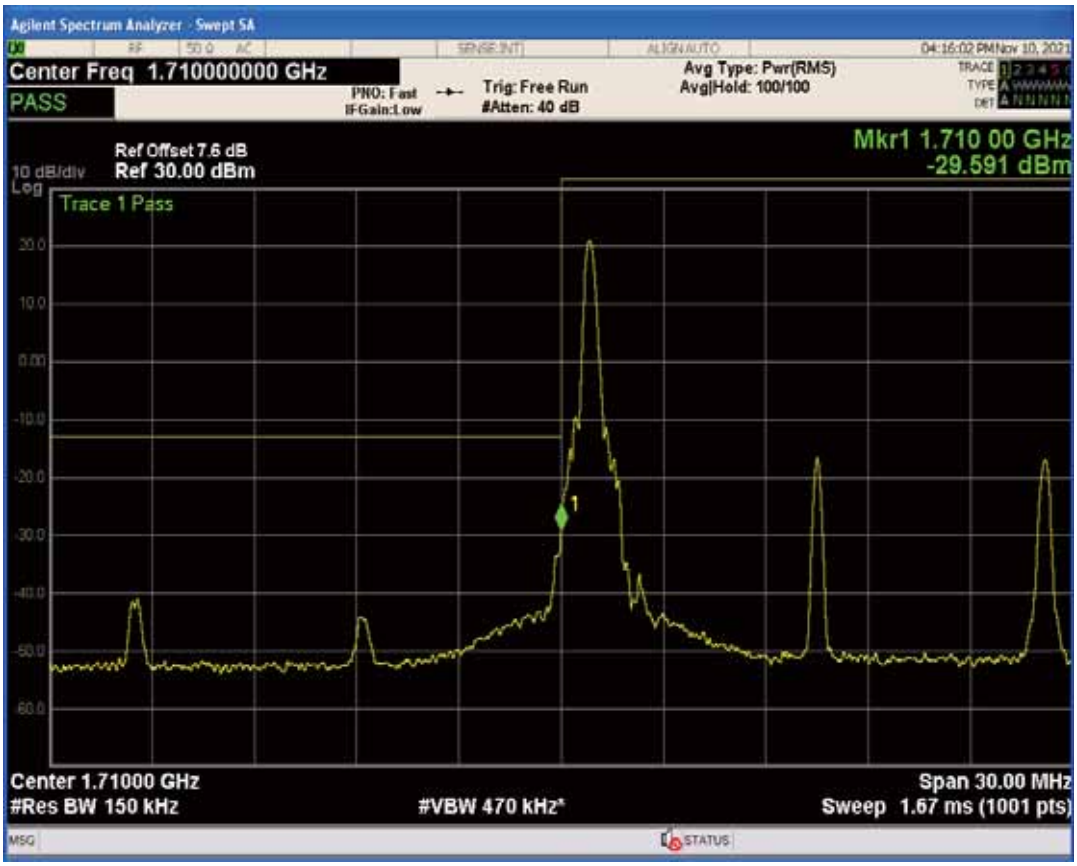
Band66 QPSK BW=15MHz Channel=132047 RB Size=1 Position=#0



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



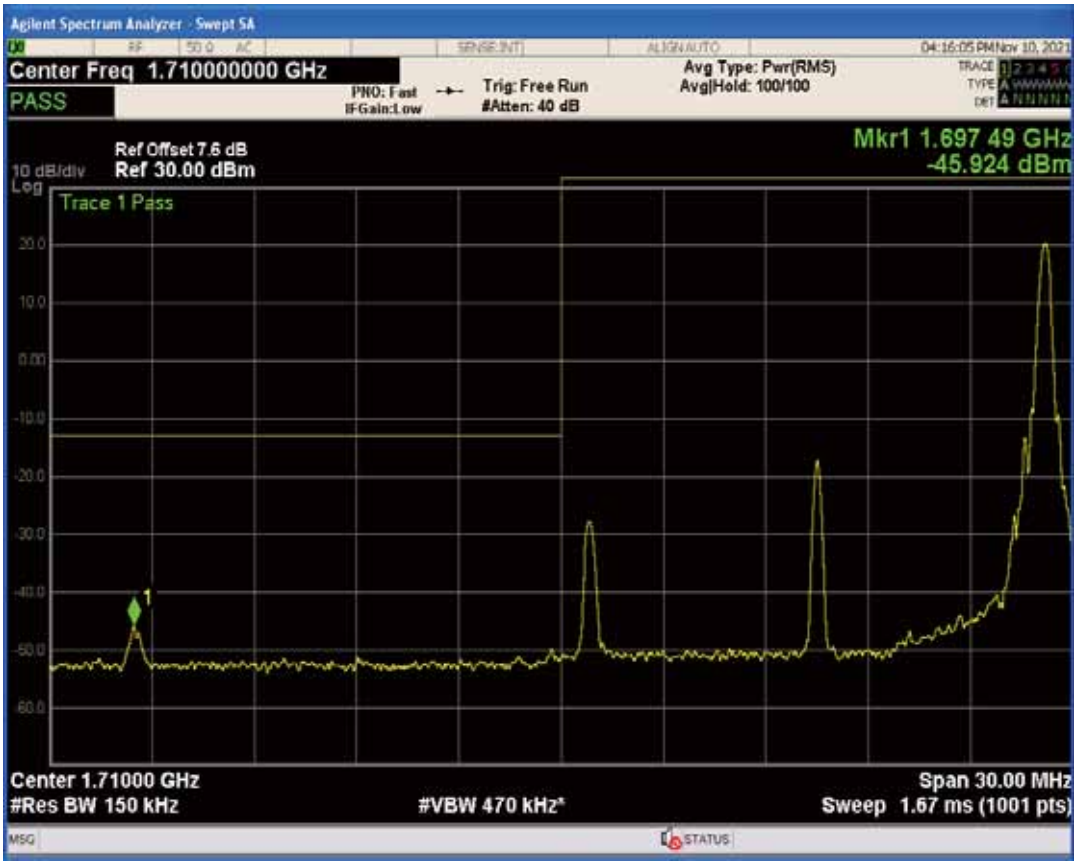
Band66 QAM16 BW=15MHz Channel=132047 RB Size=1 Position=#0



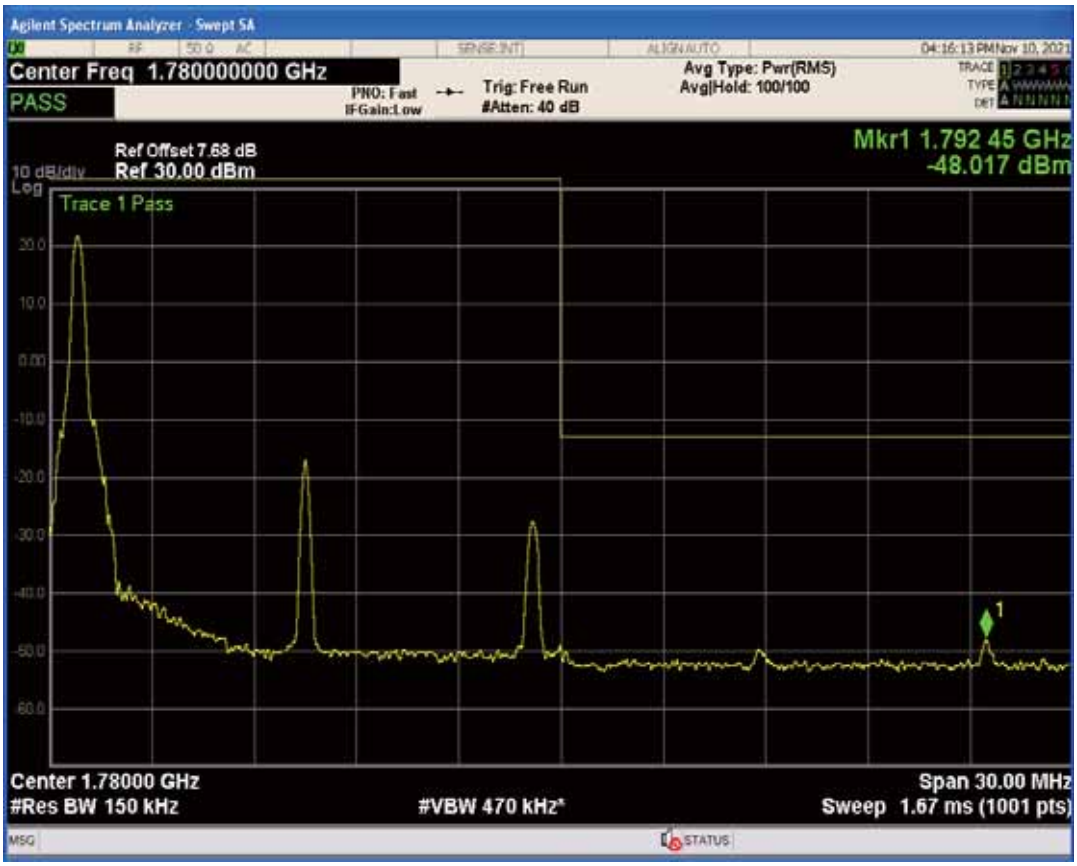
Band66 QPSK BW=15MHz Channel=132047 RB Size=75 Position=#0

Band66 QAM16 BW=15MHz Channel=132047 RB Size=75 Position=#0

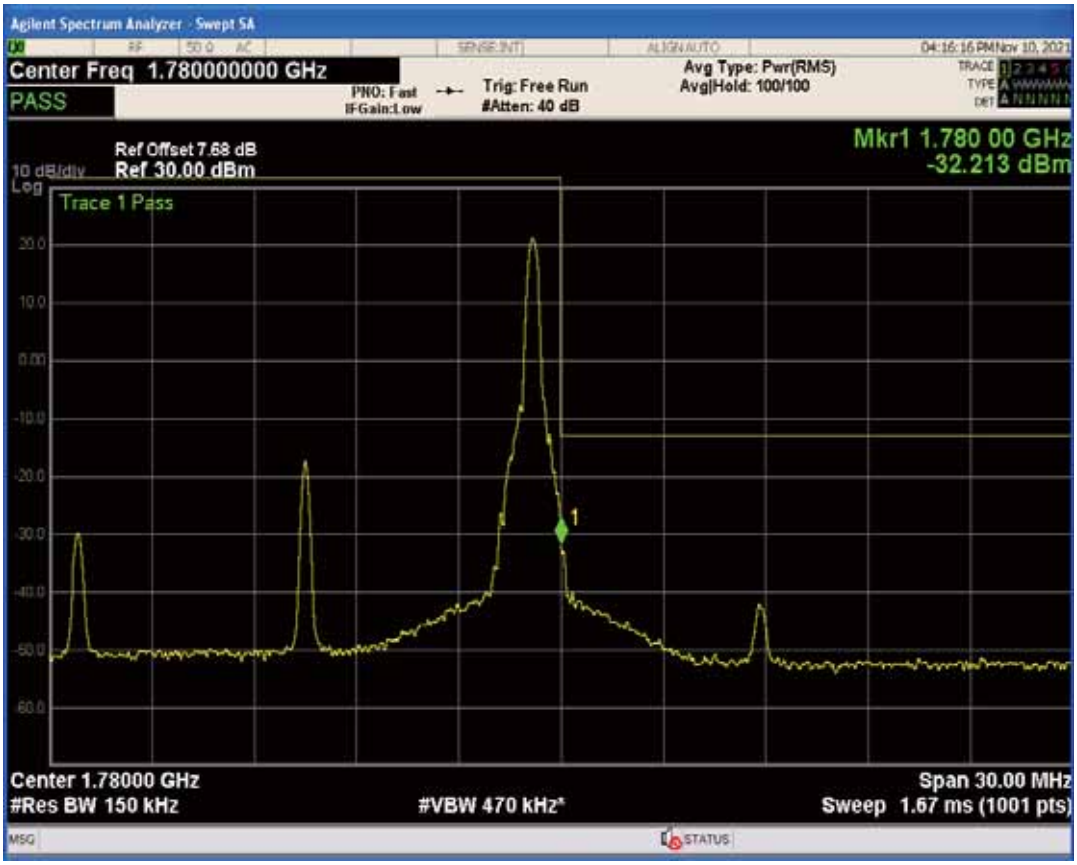
Band66 QAM16 BW=15MHz Channel=132047 RB Size=1 Position=#Max



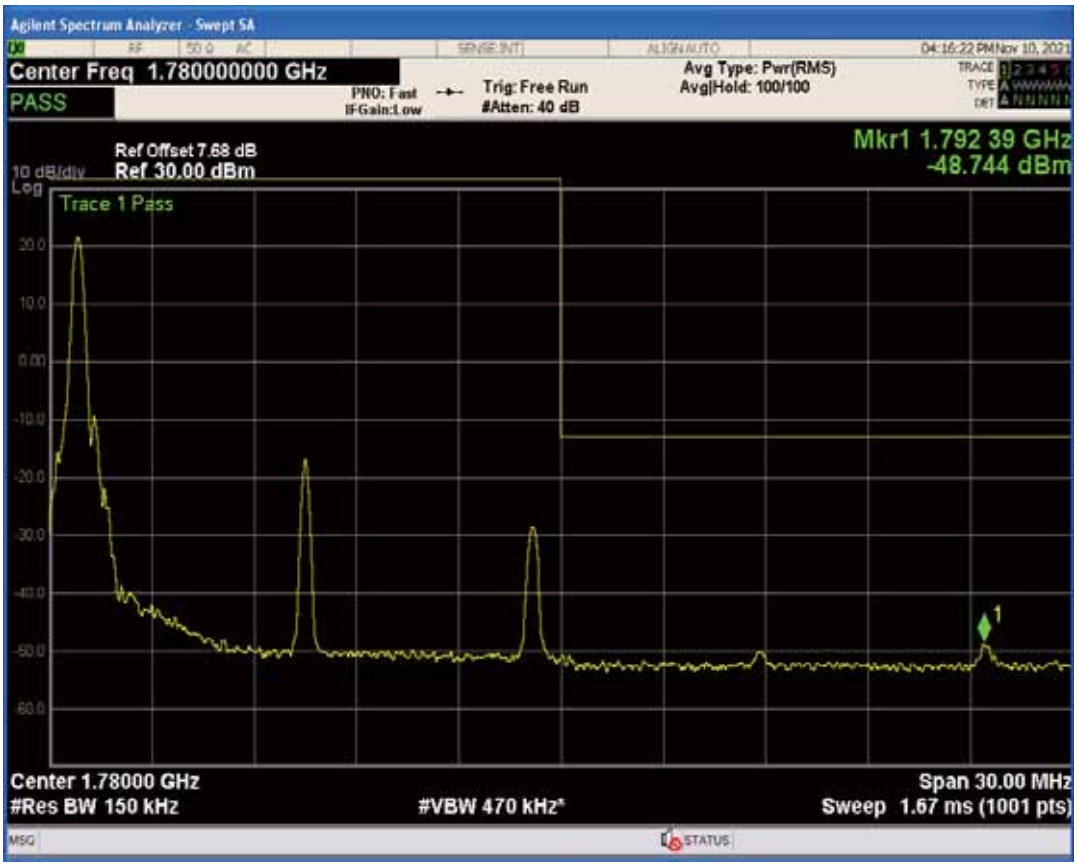
Band66 QPSK BW=15MHz Channel=132597 RB Size=1 Position=#0



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

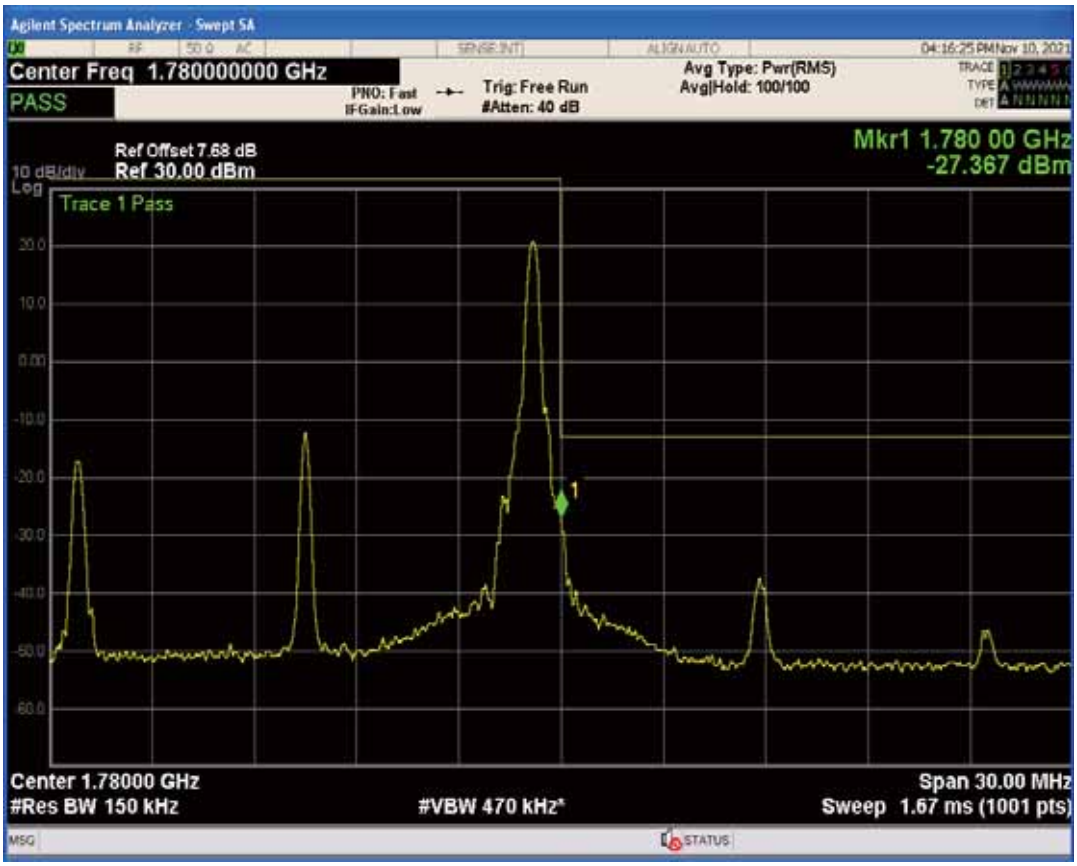


Band66 QAM16 BW=15MHz Channel=132597 RB Size=1 Position=#0

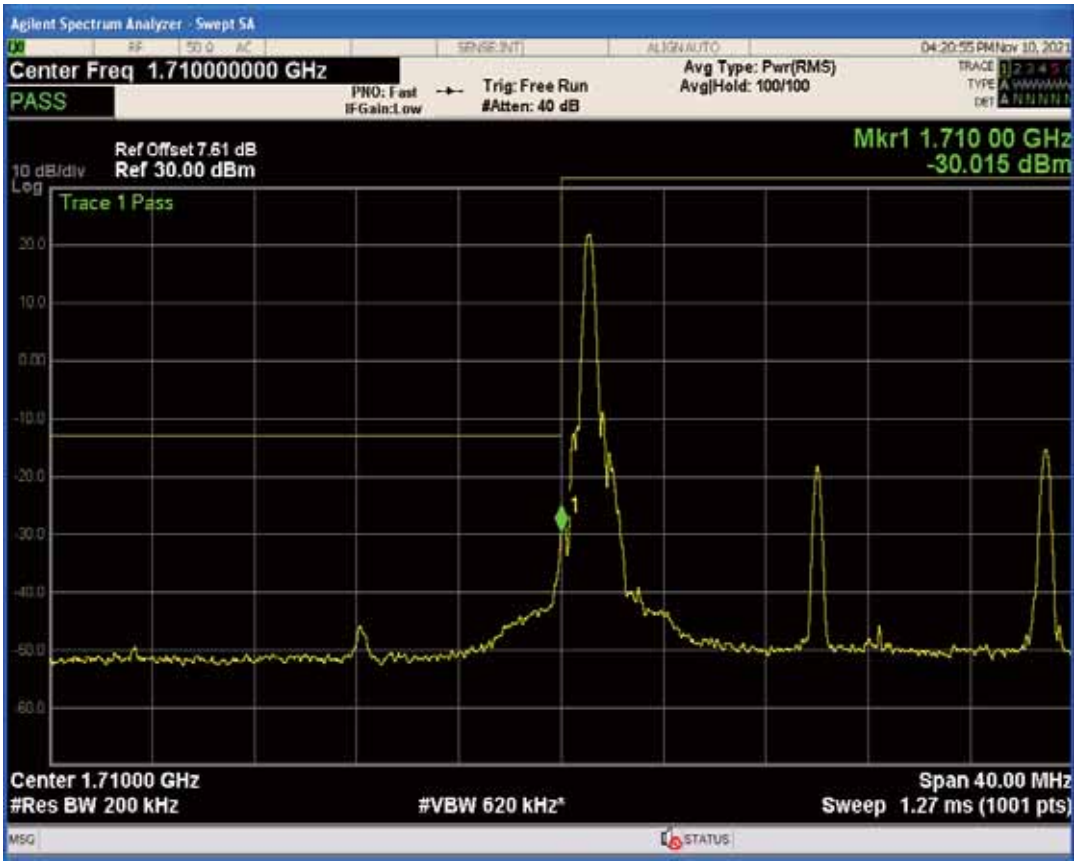


Band66 QPSK BW=15MHz Channel=132597 RB Size=75 Position=#0

Band66 QAM16 BW=15MHz Channel=132597 RB Size=1 Position=#Max

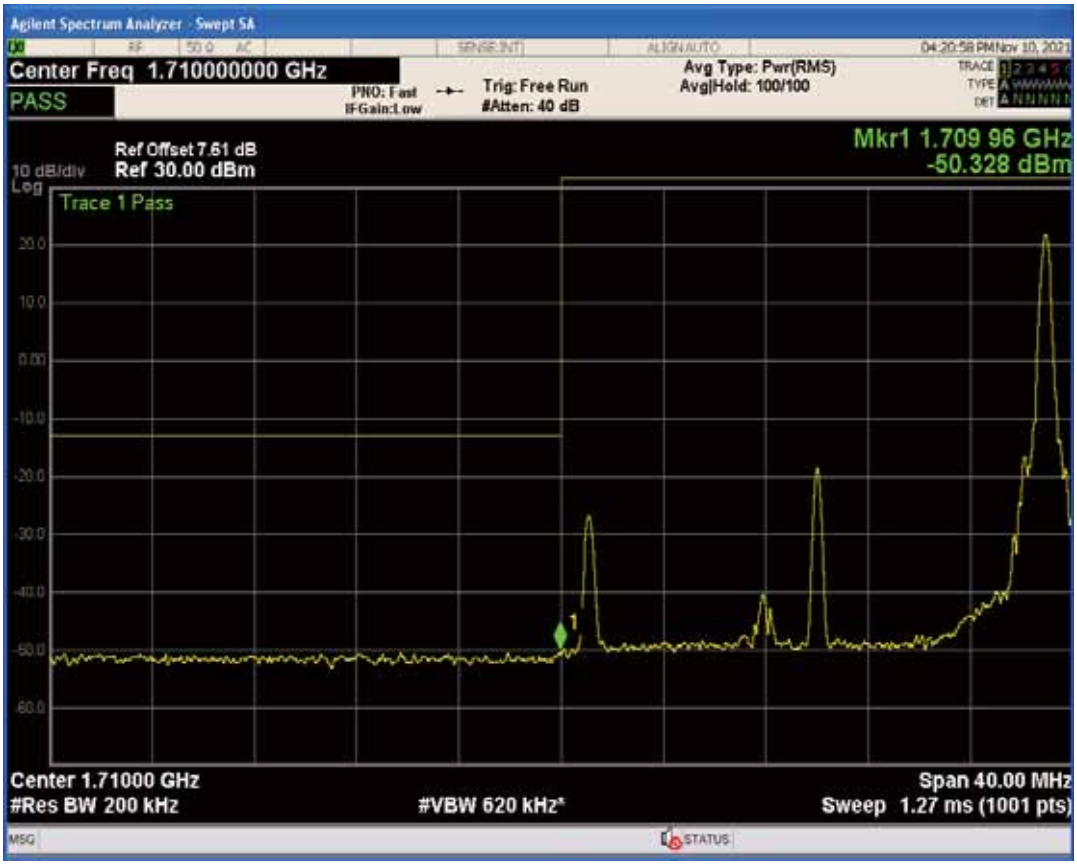


Band66 QPSK BW=20MHz Channel=132072 RB Size=1 Position=#0

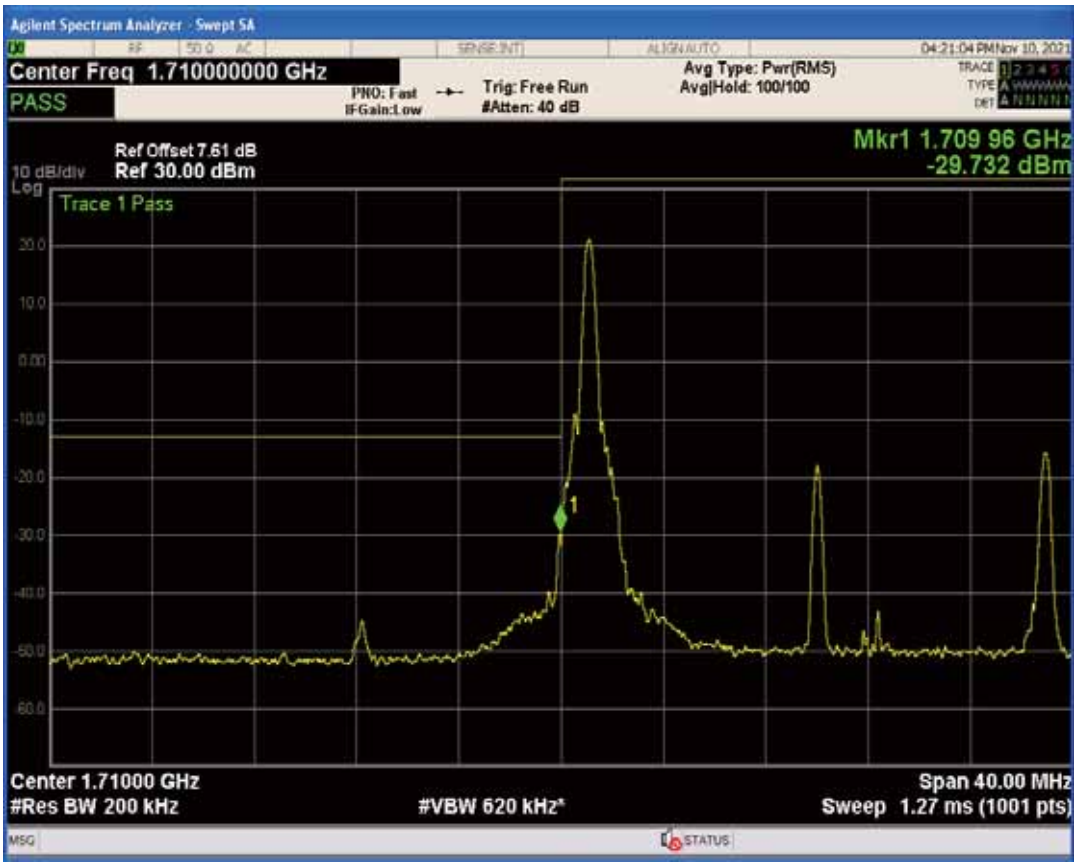


Band66 QAM16 BW=15MHz Channel=132597 RB Size=75 Position=#0

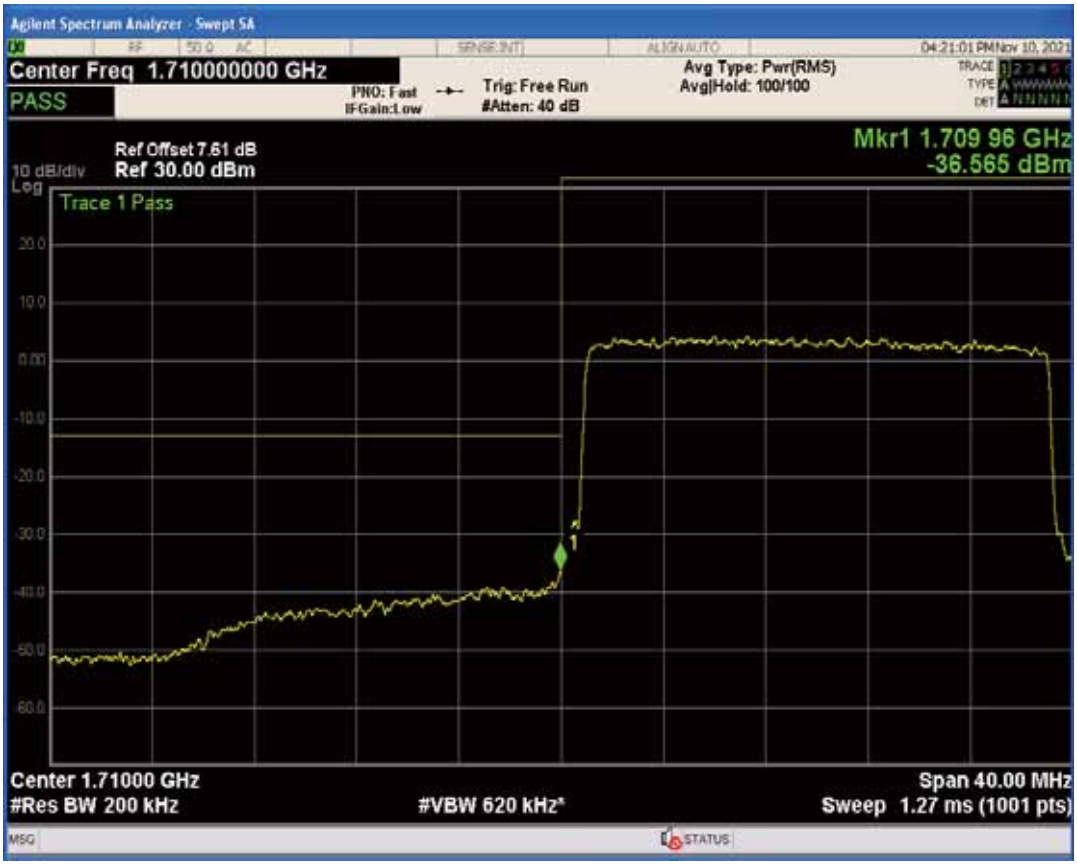
Band66 QPSK BW=20MHz Channel=132072 RB Size=1 Position=#Max



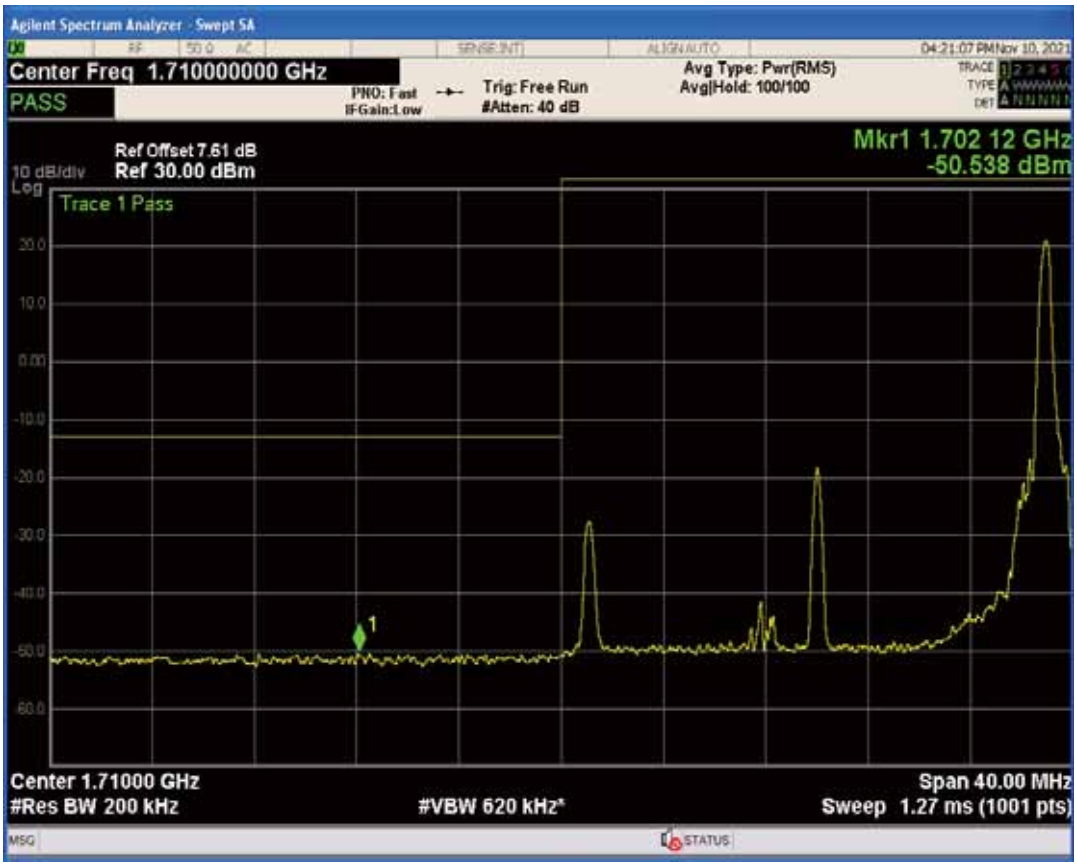
Band66 QAM16 BW=20MHz Channel=132072 RB Size=1 Position=#0



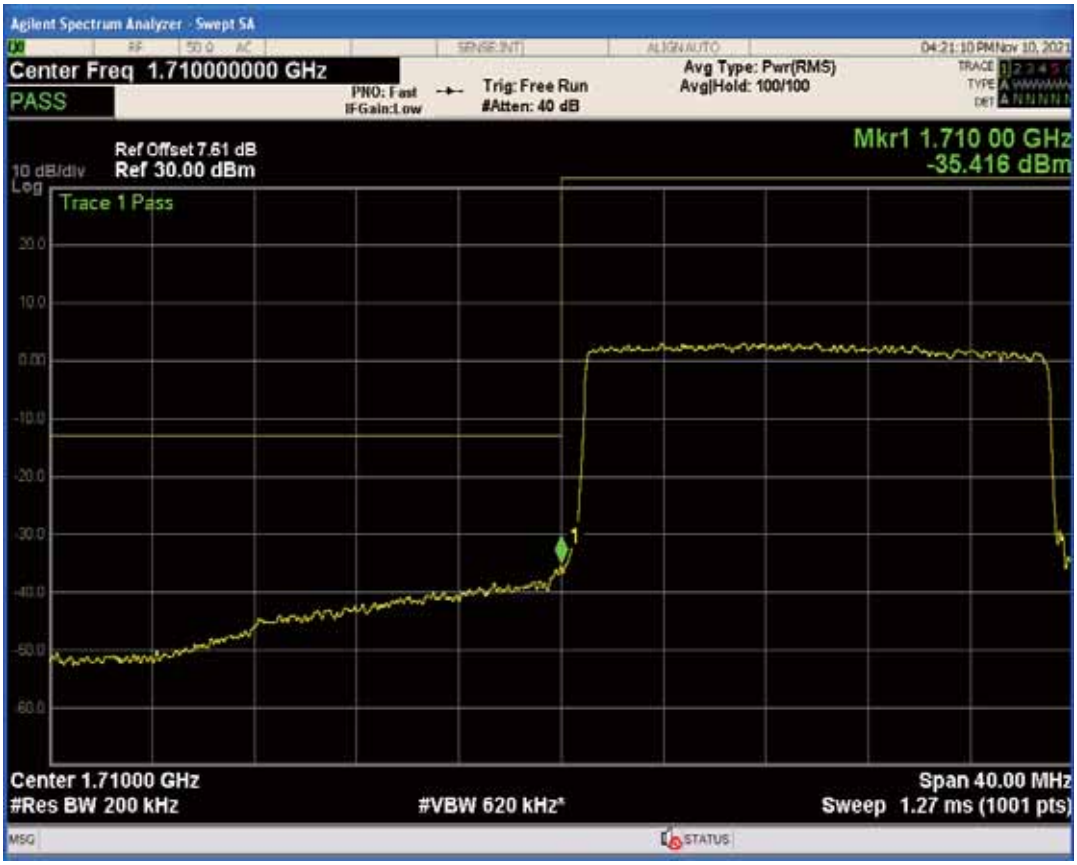
Band66 QPSK BW=20MHz Channel=132072 RB Size=100 Position=#0



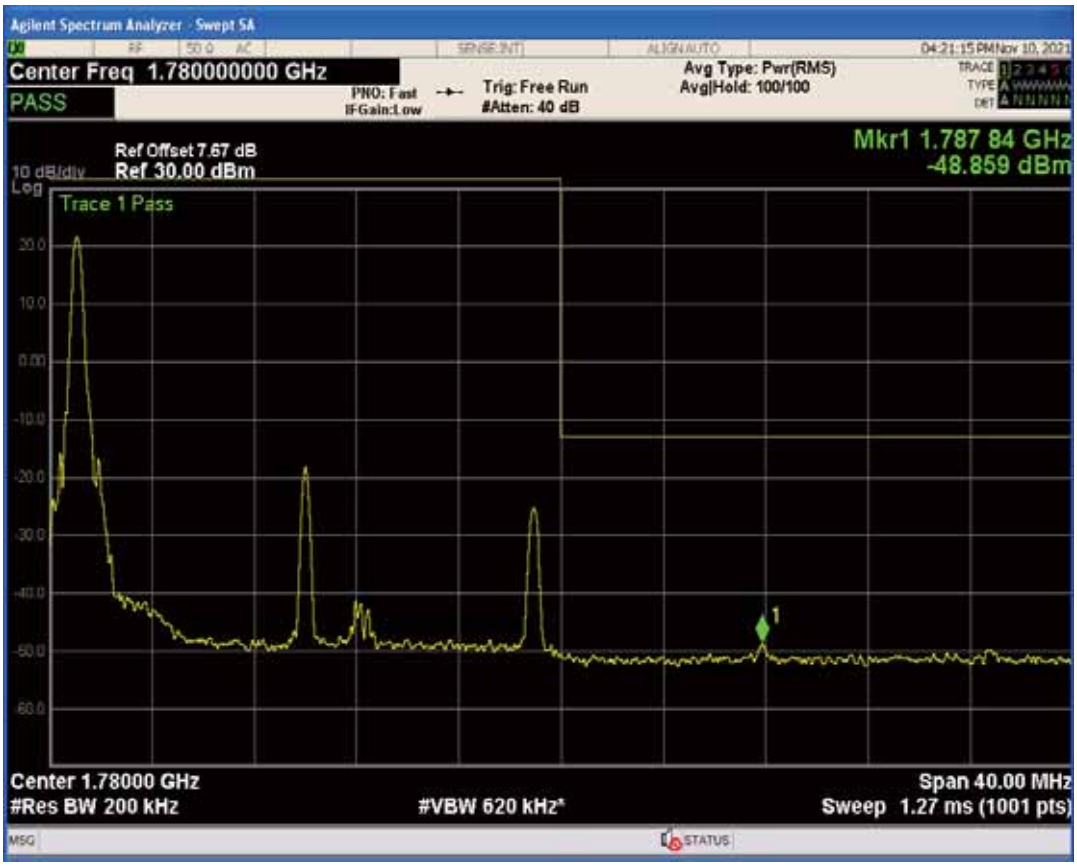
Band66 QAM16 BW=20MHz Channel=132072 RB Size=1 Position=#Max



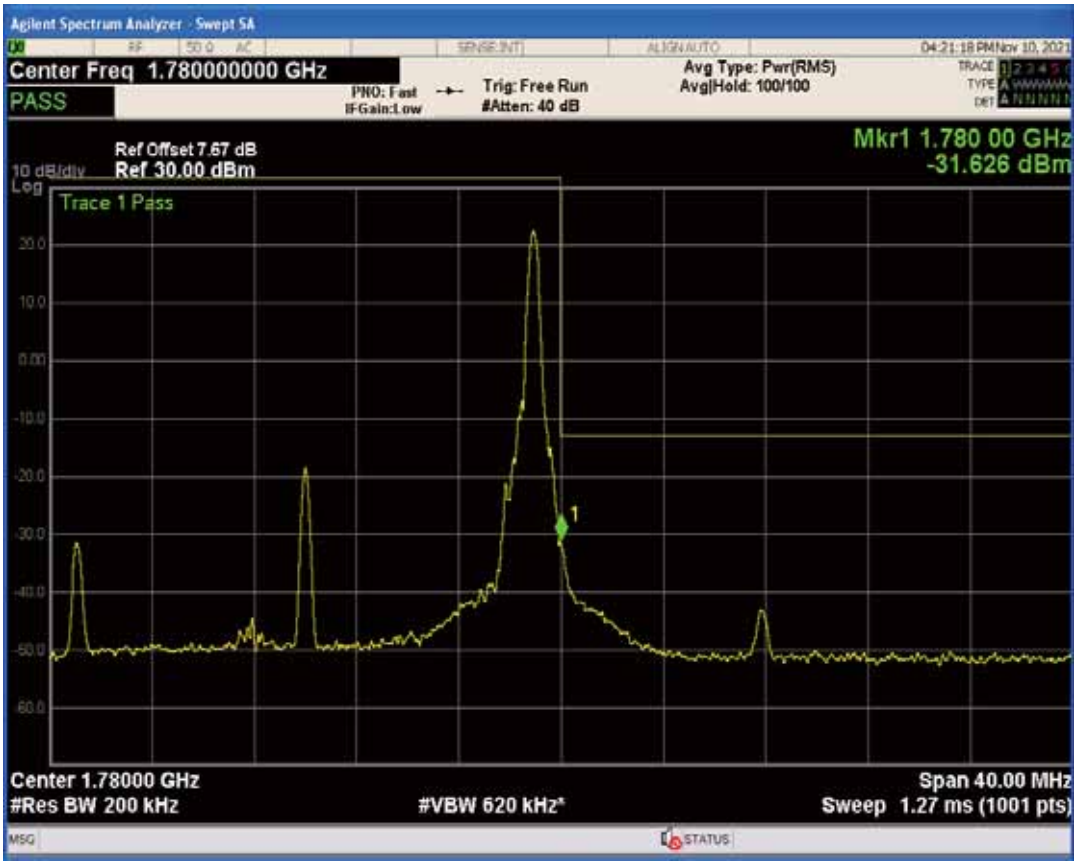
Band66 QAM16 BW=20MHz Channel=132072 RB Size=100 Position=#0



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

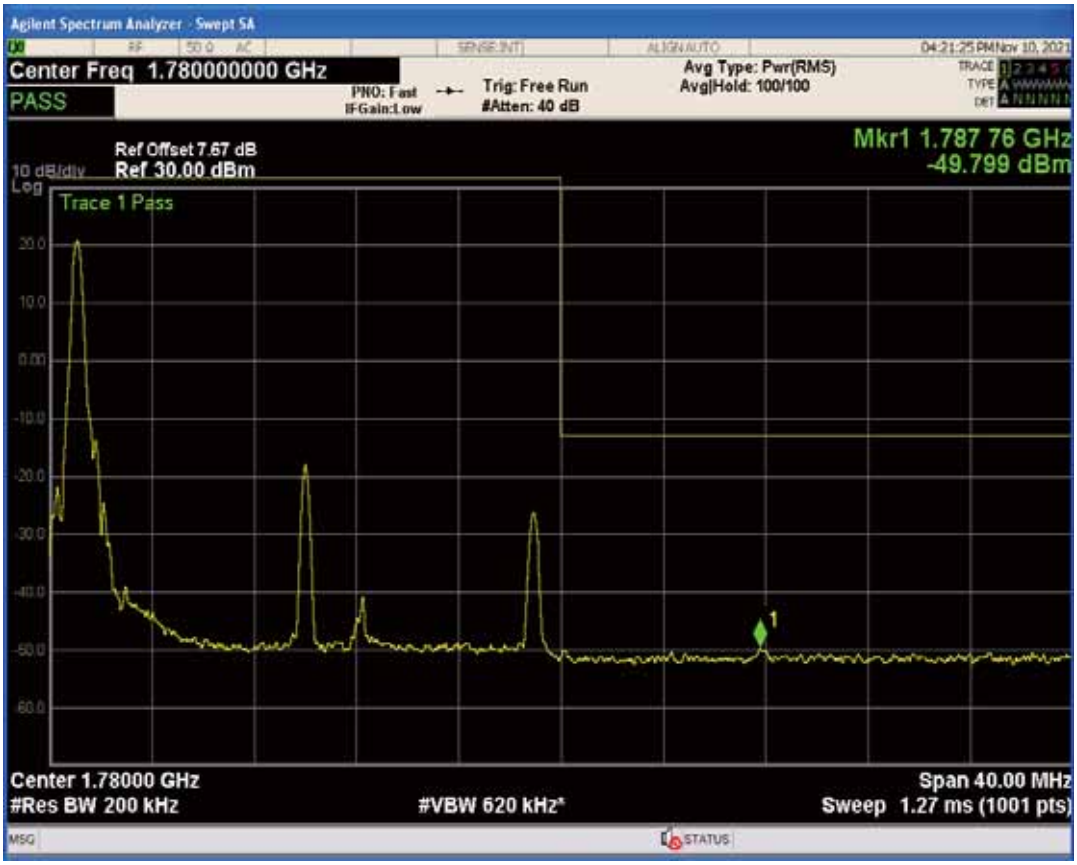


Band66 QPSK BW=20MHz Channel=132572 RB Size=1 Position=#Max

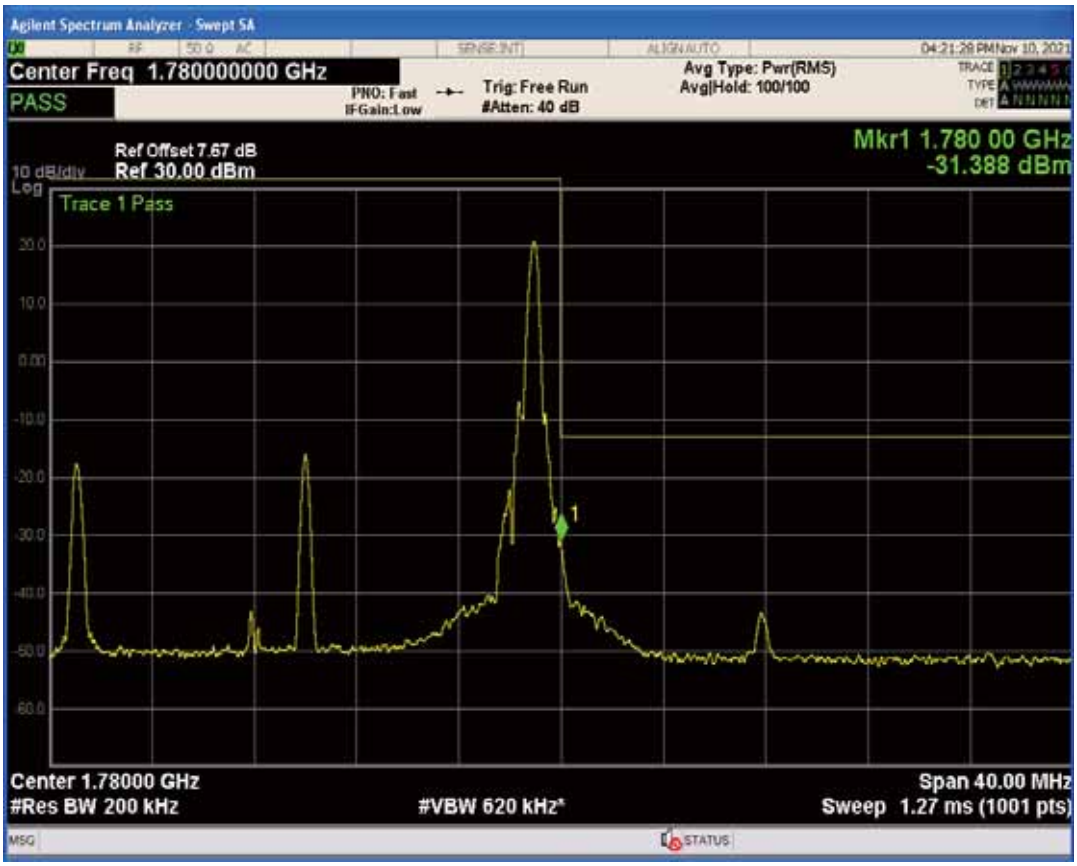


Band66 QPSK BW=20MHz Channel=132572 RB Size=100 Position=#0

Band66 QAM16 BW=20MHz Channel=132572 RB Size=1 Position=#0

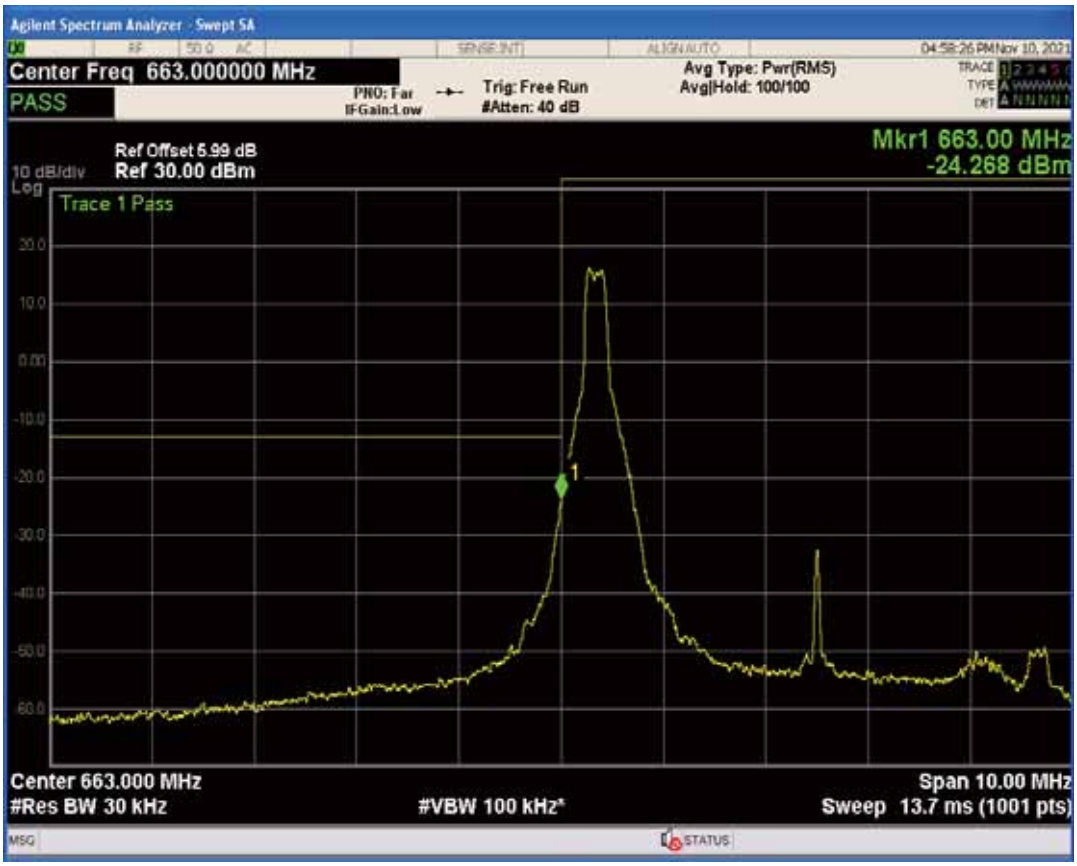


Band66 QAM16 BW=20MHz Channel=132572 RB Size=1 Position=#Max



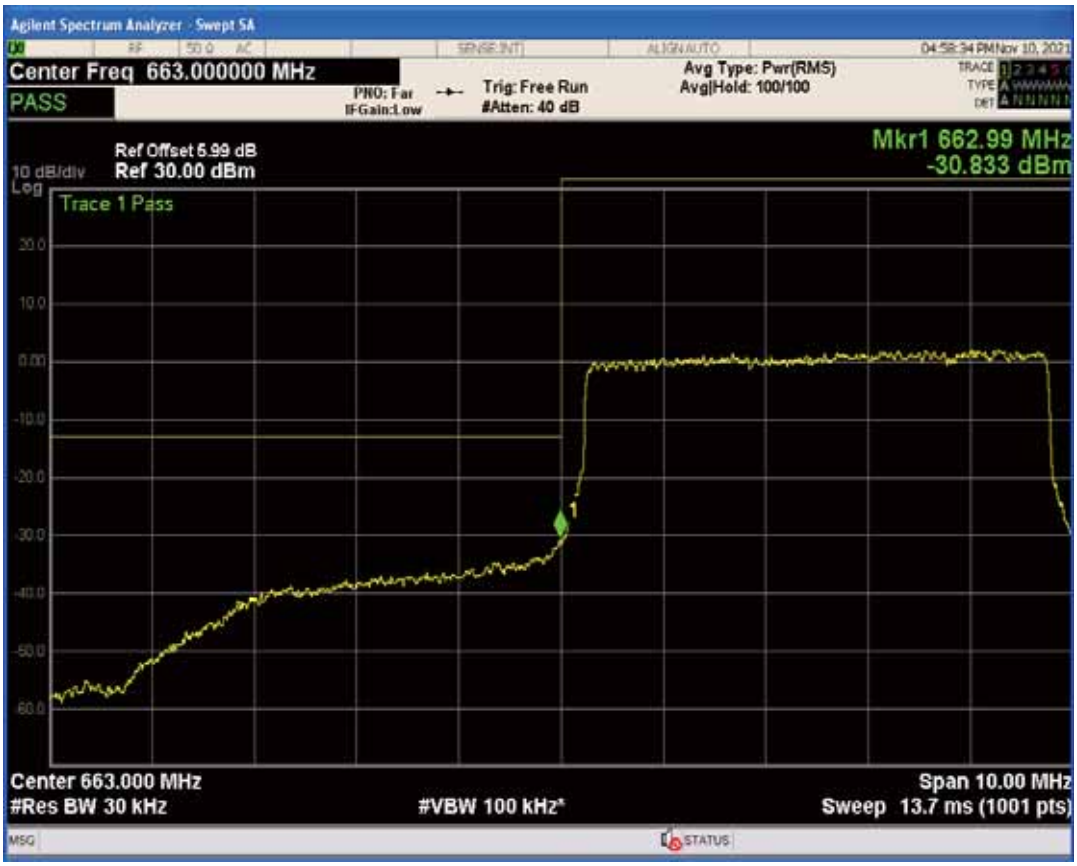
Band66 QAM16 BW=20MHz Channel=132572 RB Size=100 Position=#0

Band71 QPSK BW=5MHz Channel=133147 RB Size=1 Position=#0

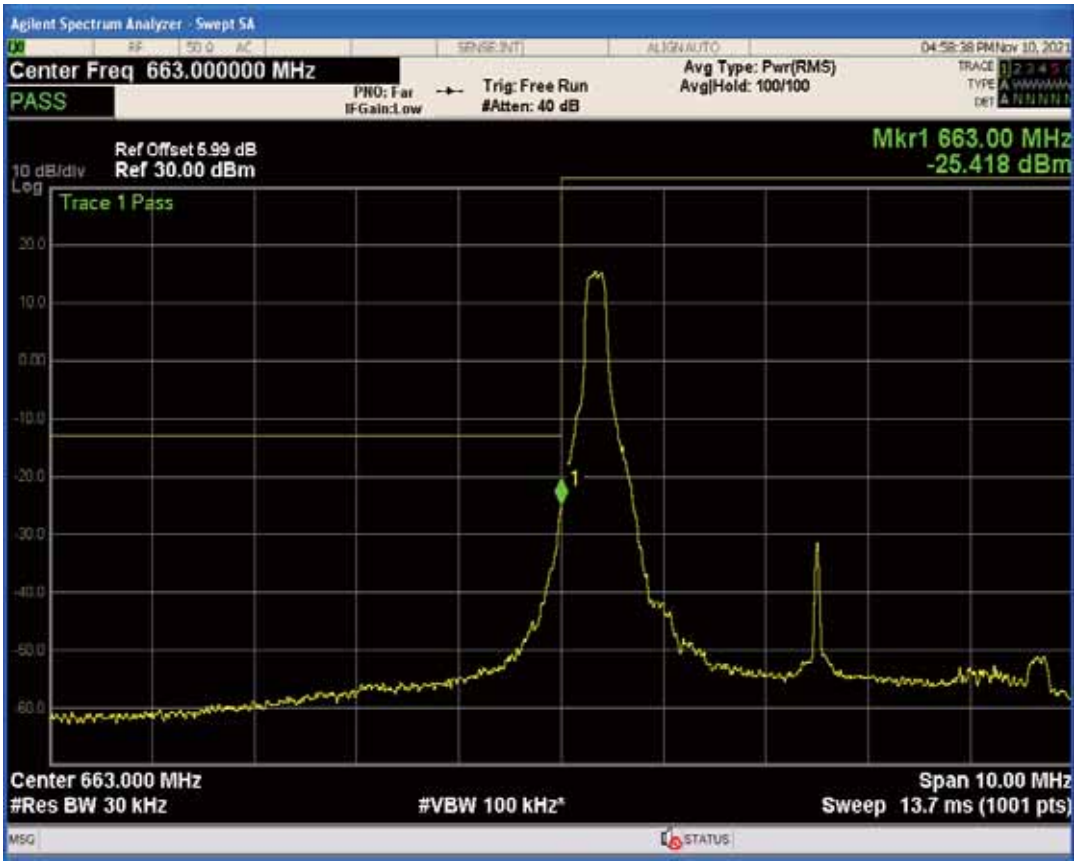


Band71 QPSK BW=5MHz Channel=133147 RB Size=1 Position=#Max

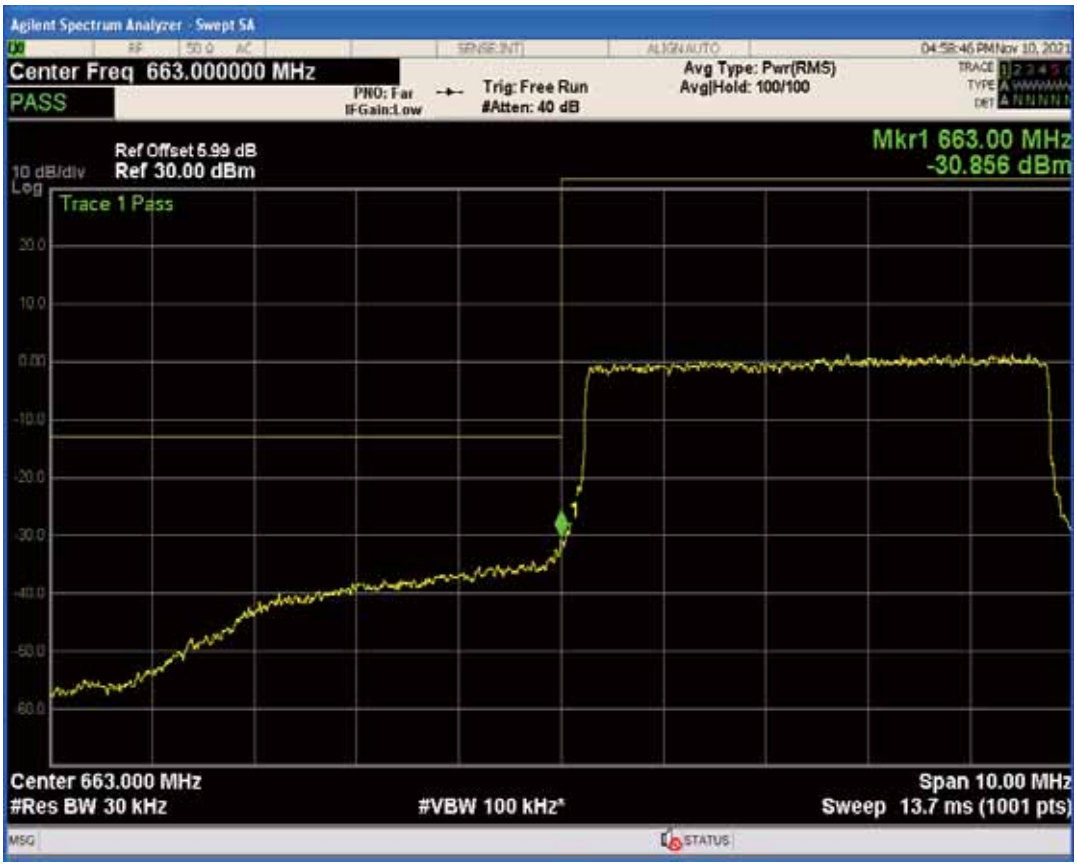
Band71 QPSK BW=5MHz Channel=133147 RB Size=25 Position=#0



Band71 QAM16 BW=5MHz Channel=133147 RB Size=1 Position=#0

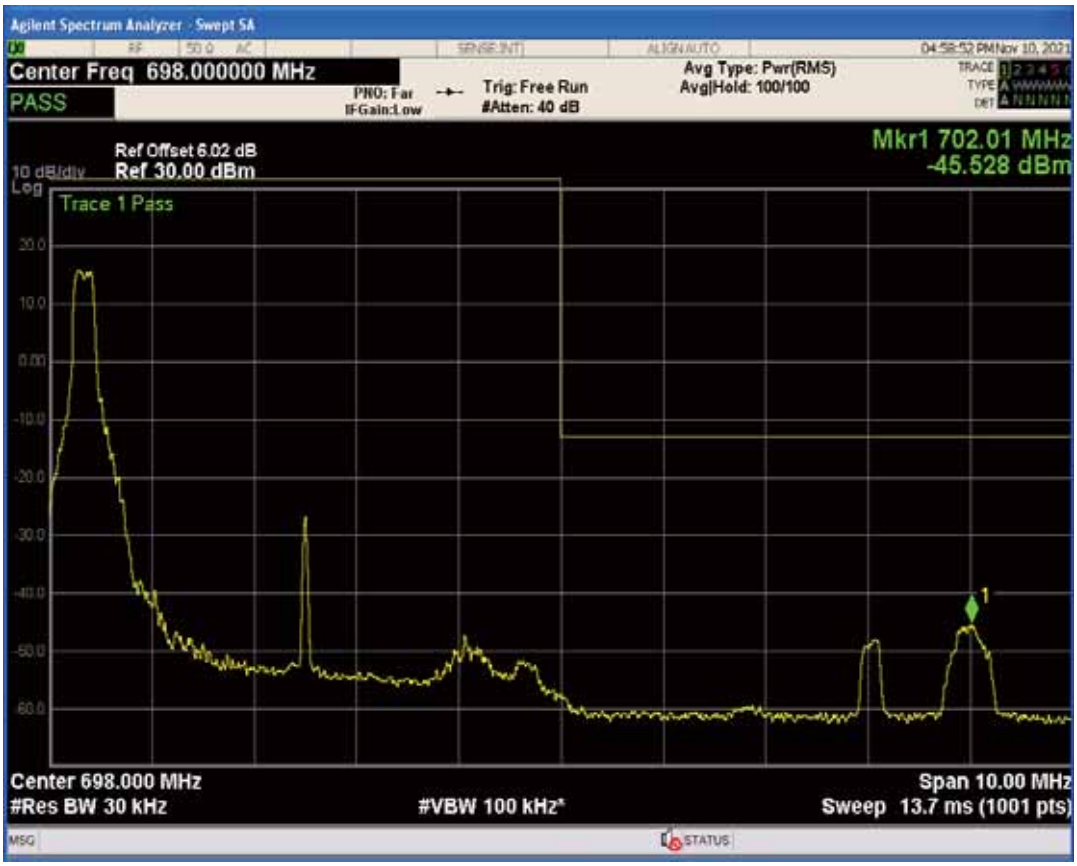


Band71 QAM16 BW=5MHz Channel=133147 RB Size=25 Position=#0



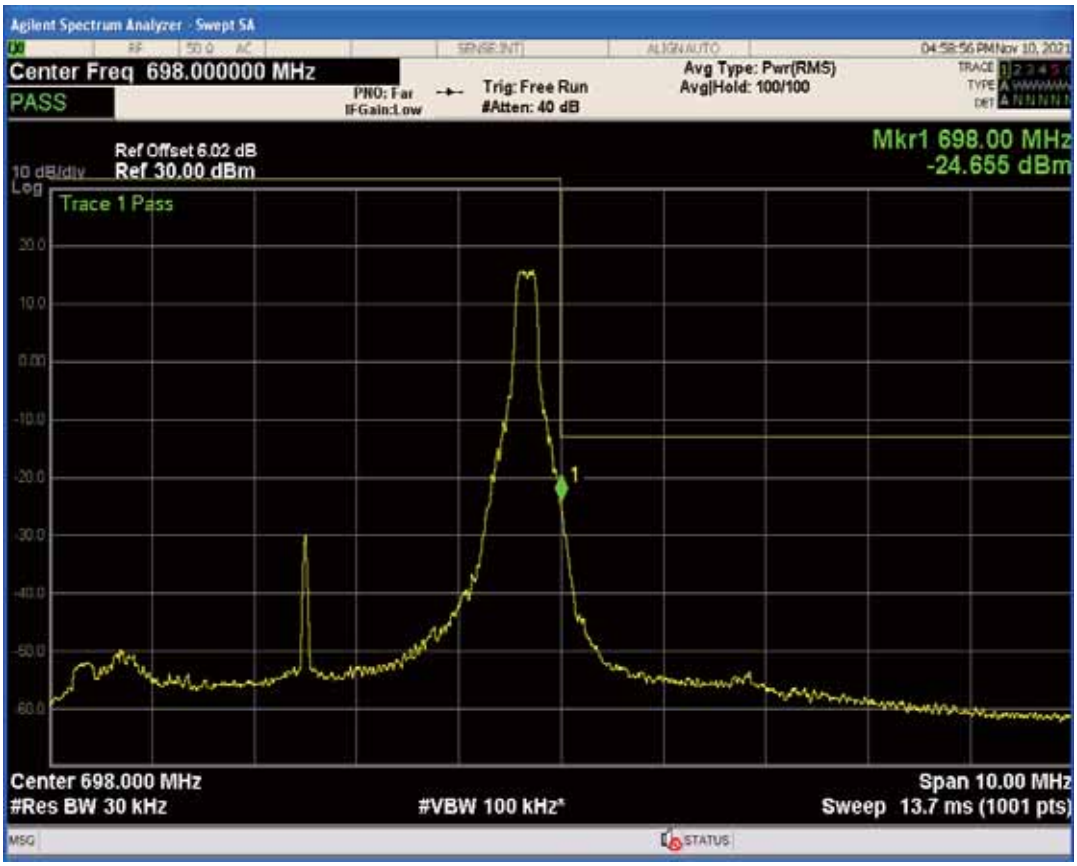
Band71 QAM16 BW=5MHz Channel=133147 RB Size=1 Position=#Max

Band71 QPSK BW=5MHz Channel=133447 RB Size=1 Position=#0

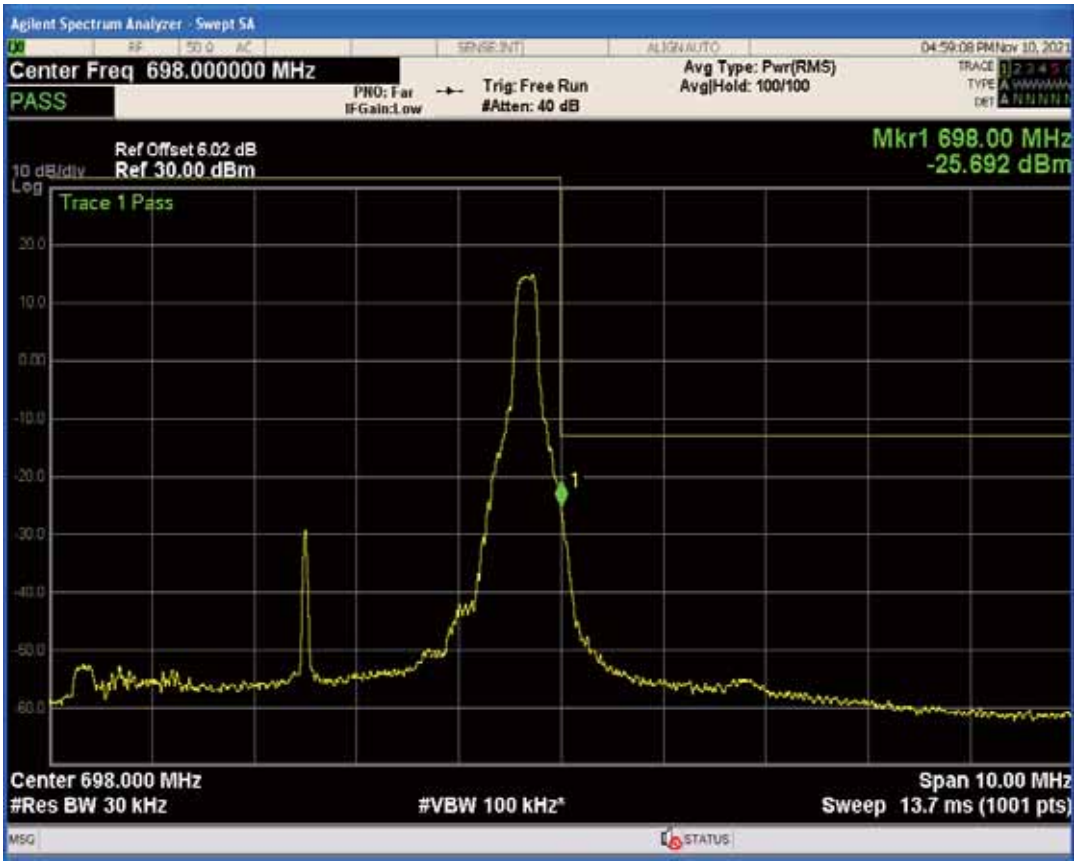


Band71 QPSK BW=5MHz Channel=133447 RB Size=25 Position=#0

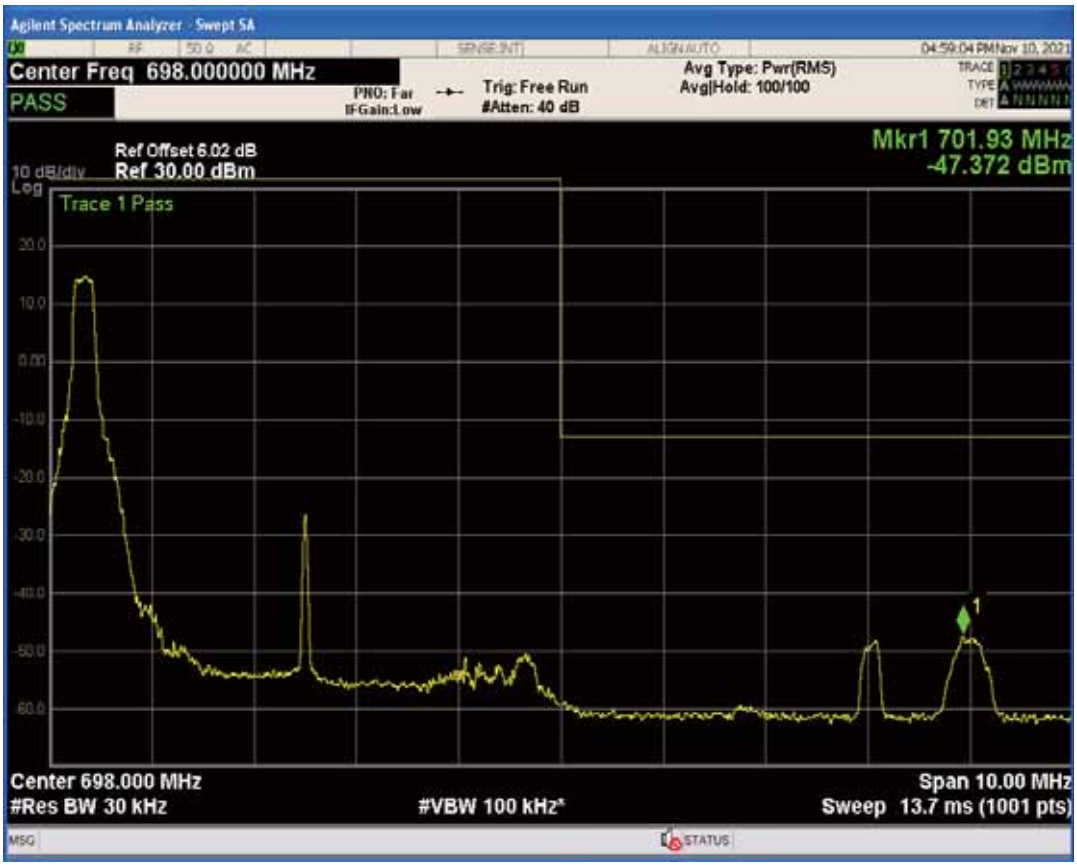
Band71 QPSK BW=5MHz Channel=133447 RB Size=1 Position=#Max



Band71 QAM16 BW=5MHz Channel=133447 RB Size=1 Position=#Max

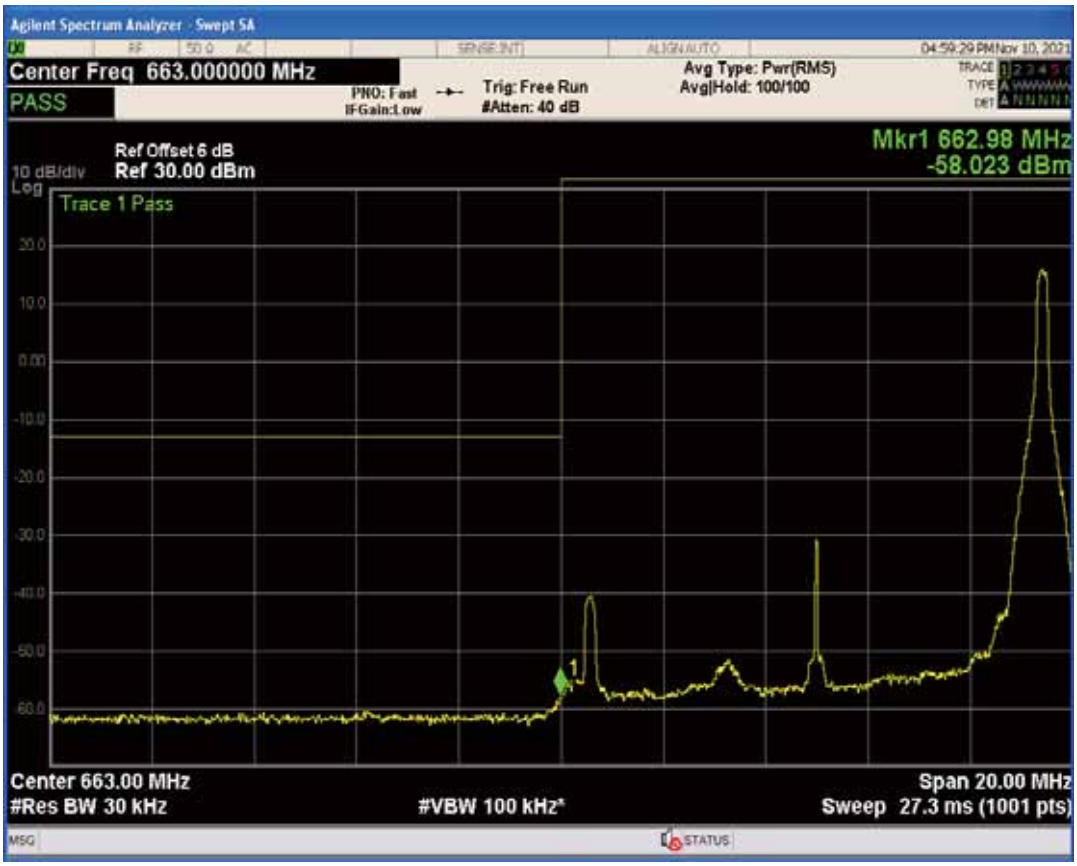


Band71 QAM16 BW=5MHz Channel=133447 RB Size=1 Position=#0

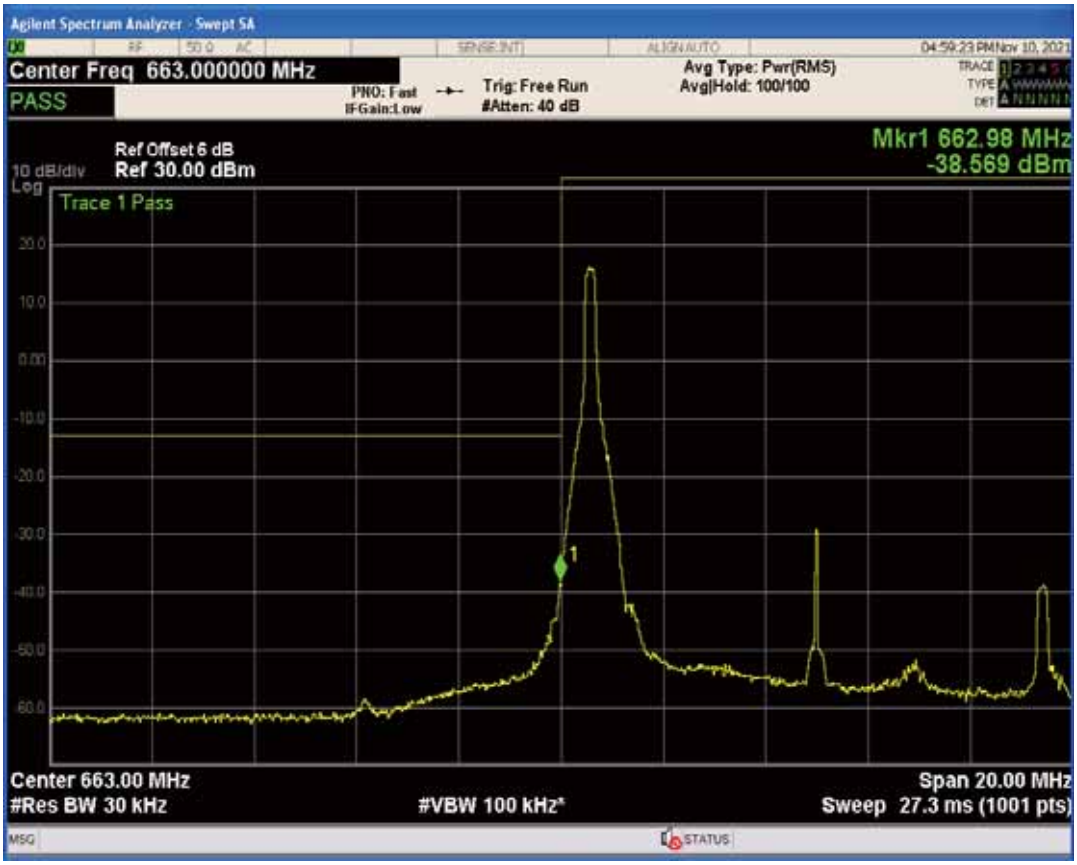


Band71 QAM16 BW=5MHz Channel=133447 RB Size=25 Position=#0

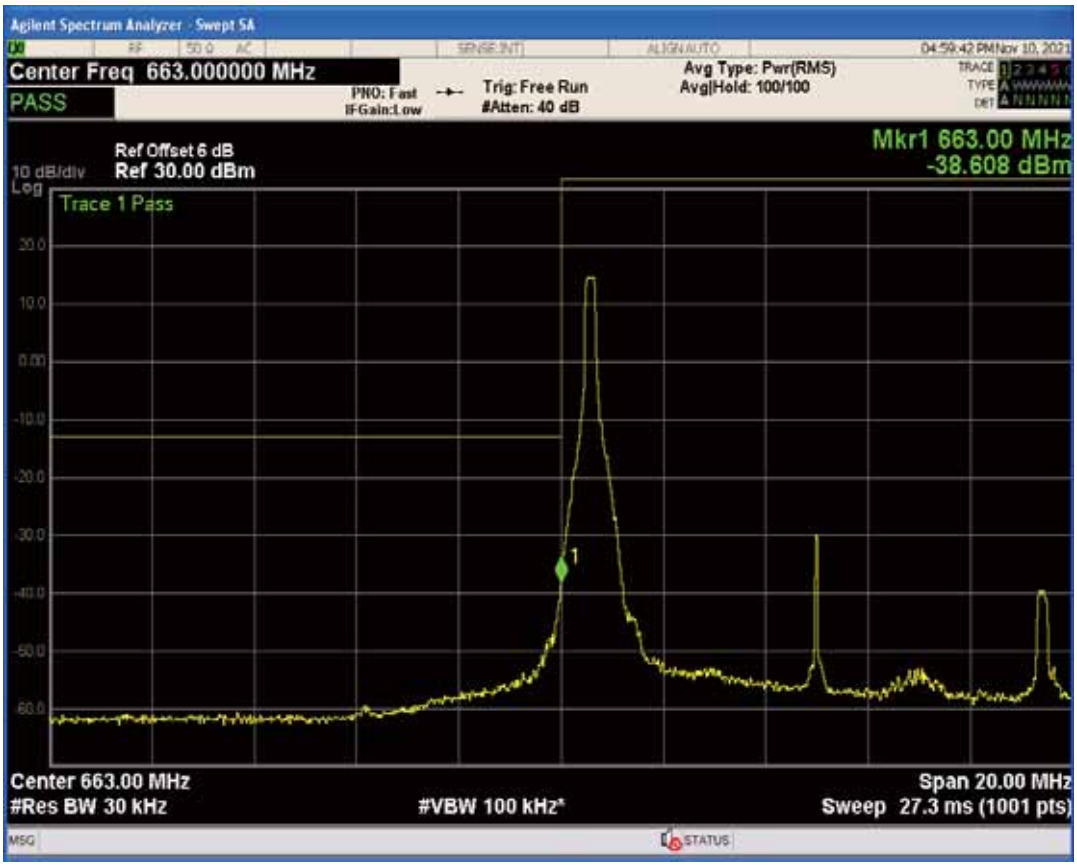
Band71 QPSK BW=10MHz Channel=133172 RB Size=1 Position=#Max



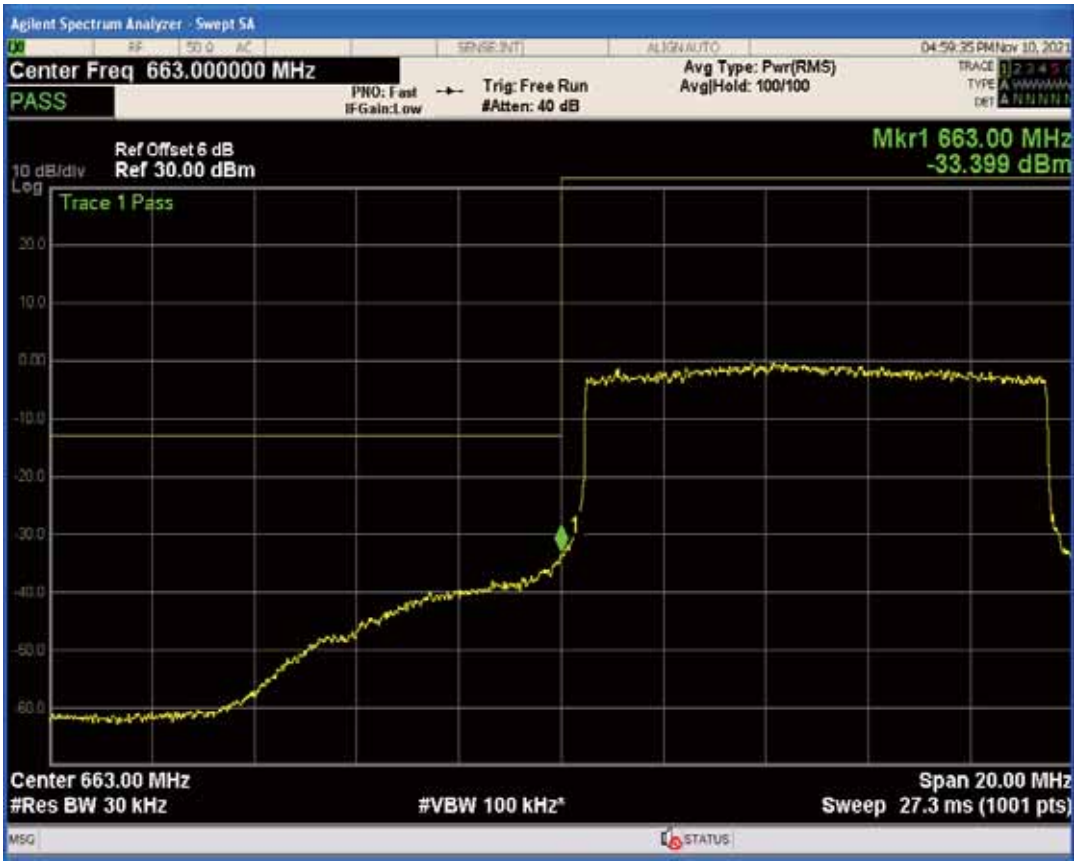
Band71 QPSK BW=10MHz Channel=133172 RB Size=1 Position=#0



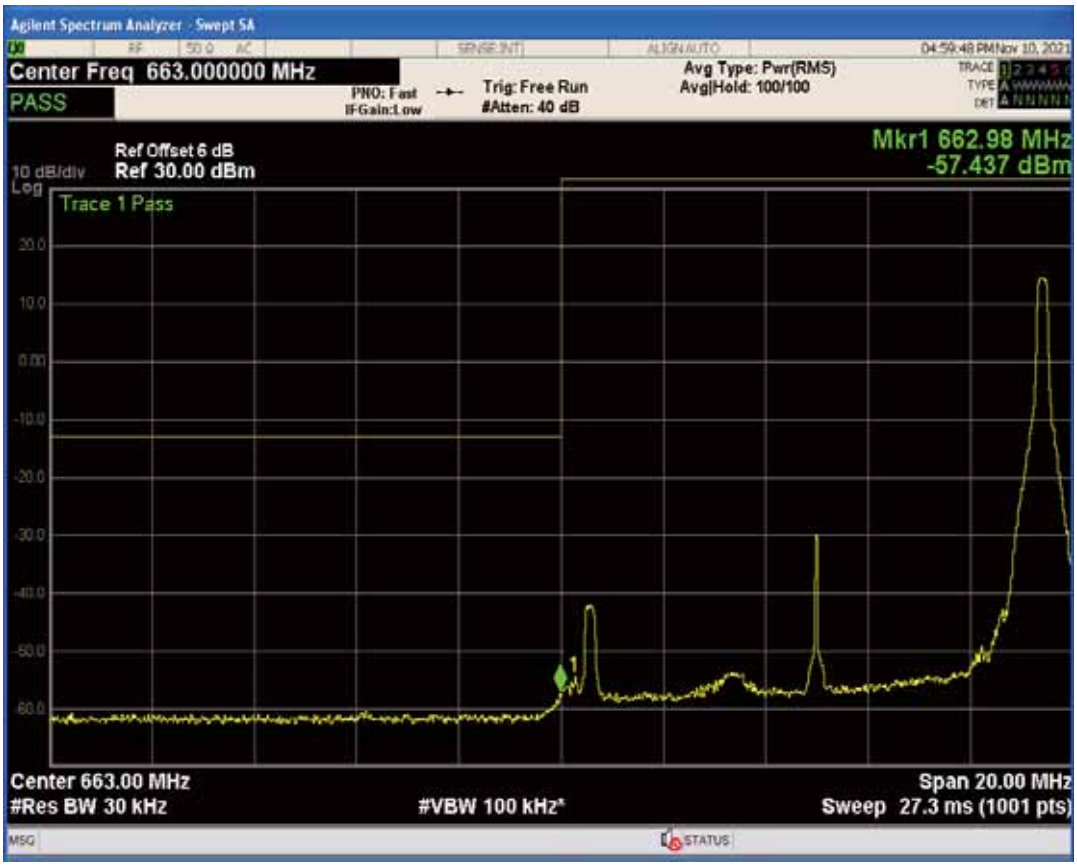
Band71 QAM16 BW=10MHz Channel=133172 RB Size=1 Position=#0



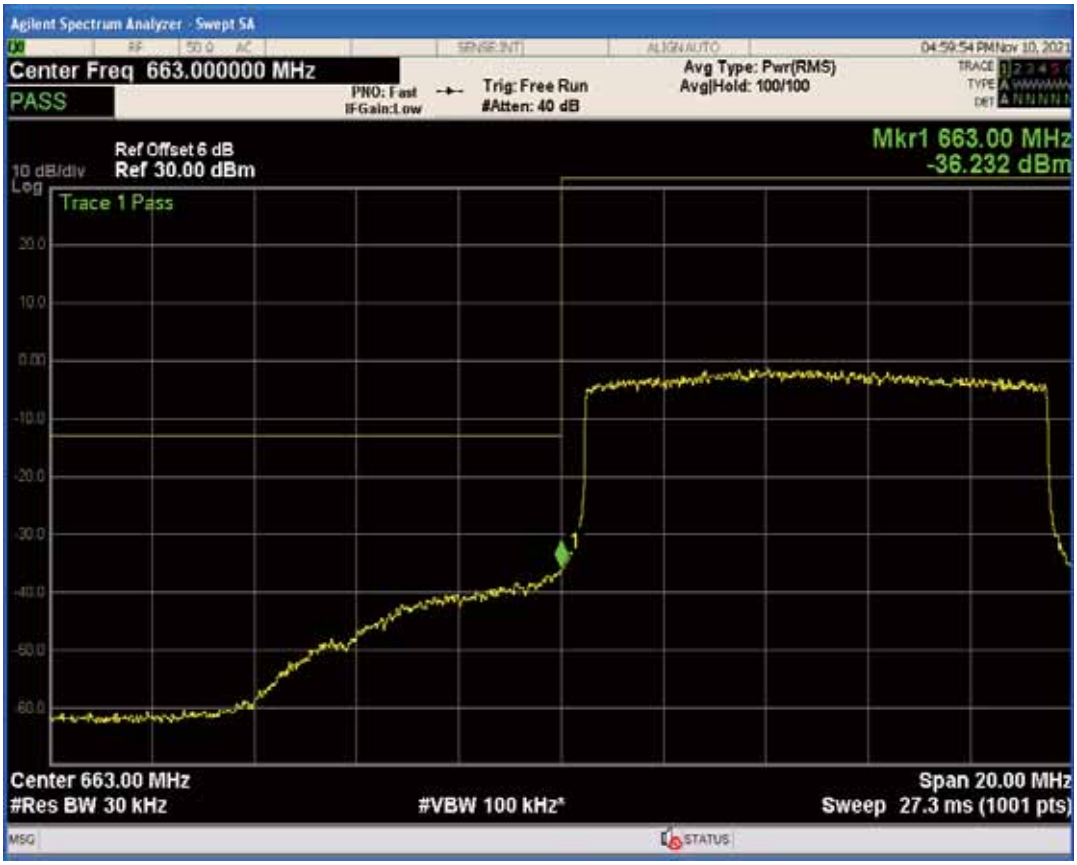
Band71 QPSK BW=10MHz Channel=133172 RB Size=50 Position=#0



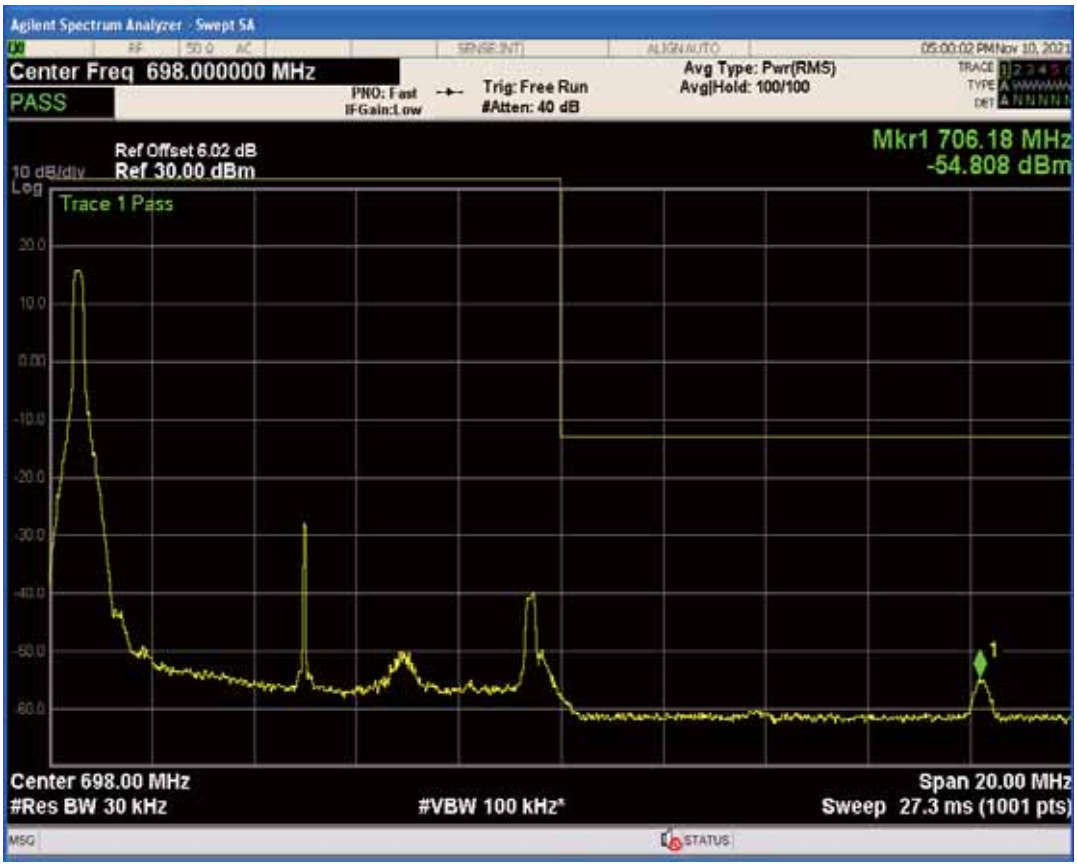
Band71 QAM16 BW=10MHz Channel=133172 RB Size=1 Position=#Max



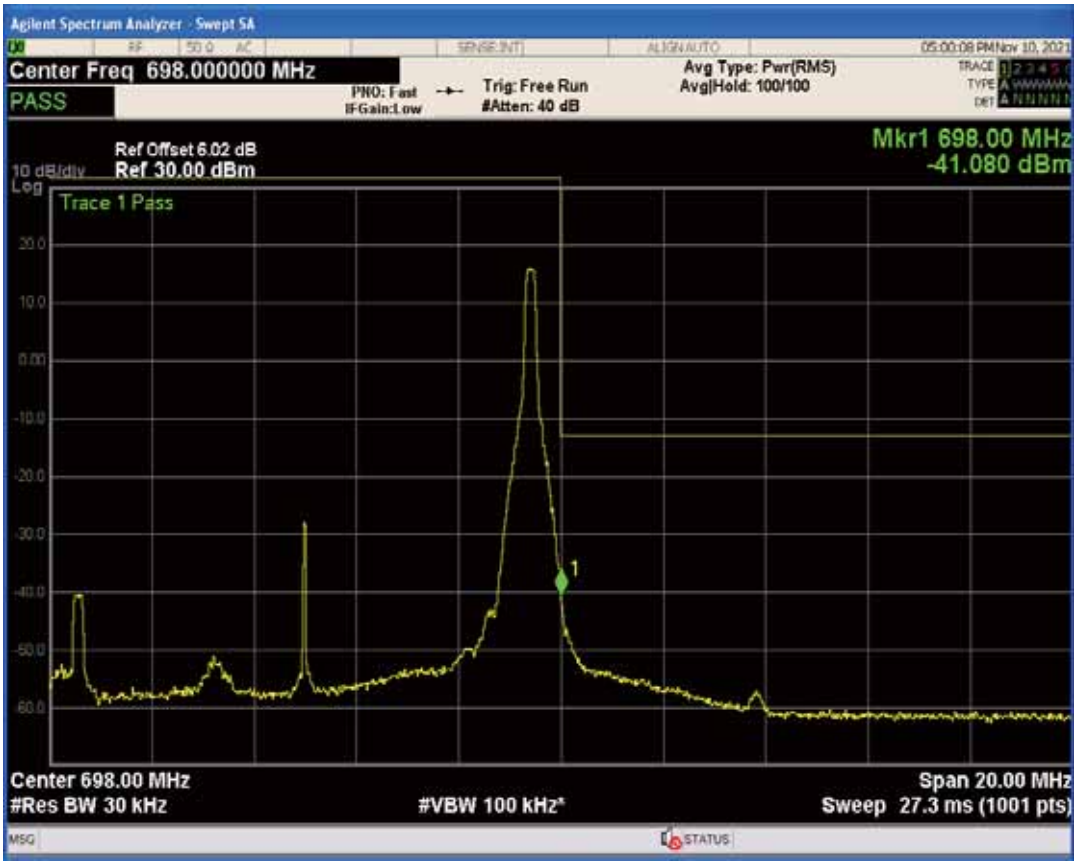
Band71 QAM16 BW=10MHz Channel=133172 RB Size=50 Position=#0



Band71 QPSK BW=10MHz Channel=133422 RB Size=1 Position=#0

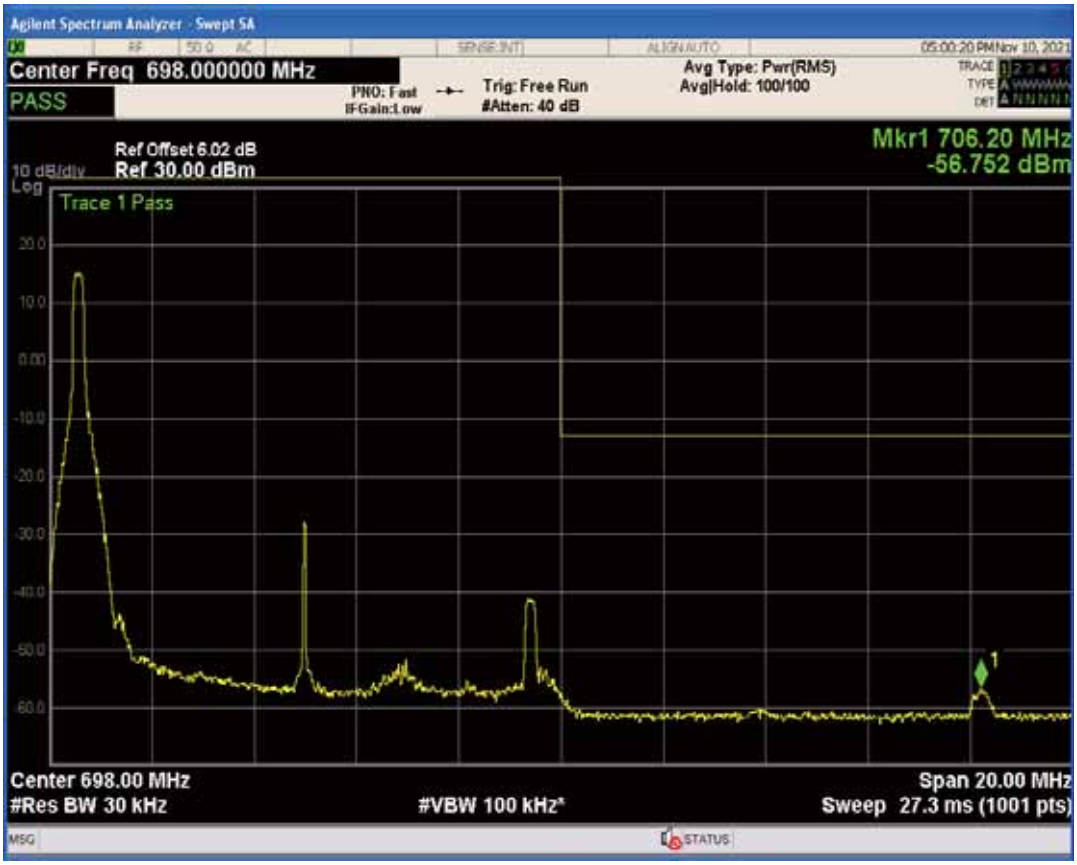


Band71 QPSK BW=10MHz Channel=133422 RB Size=1 Position=#Max

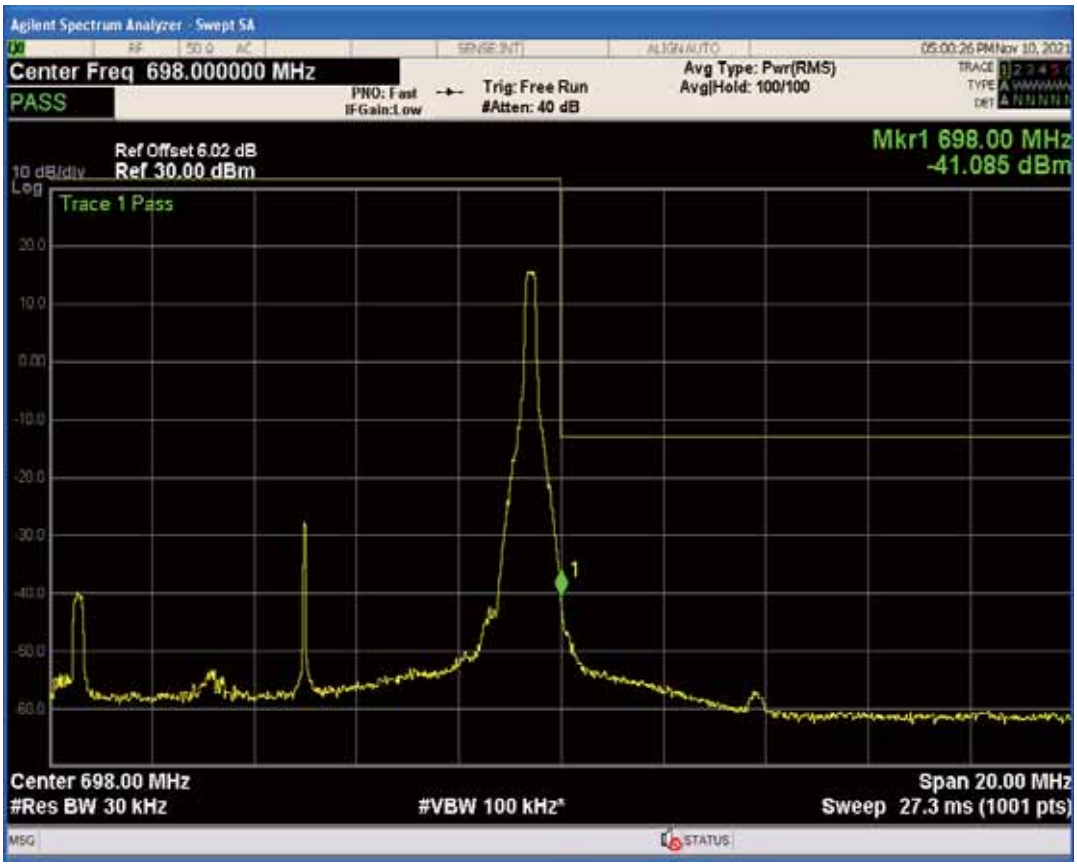


Band71 QPSK BW=10MHz Channel=133422 RB Size=50 Position=#0

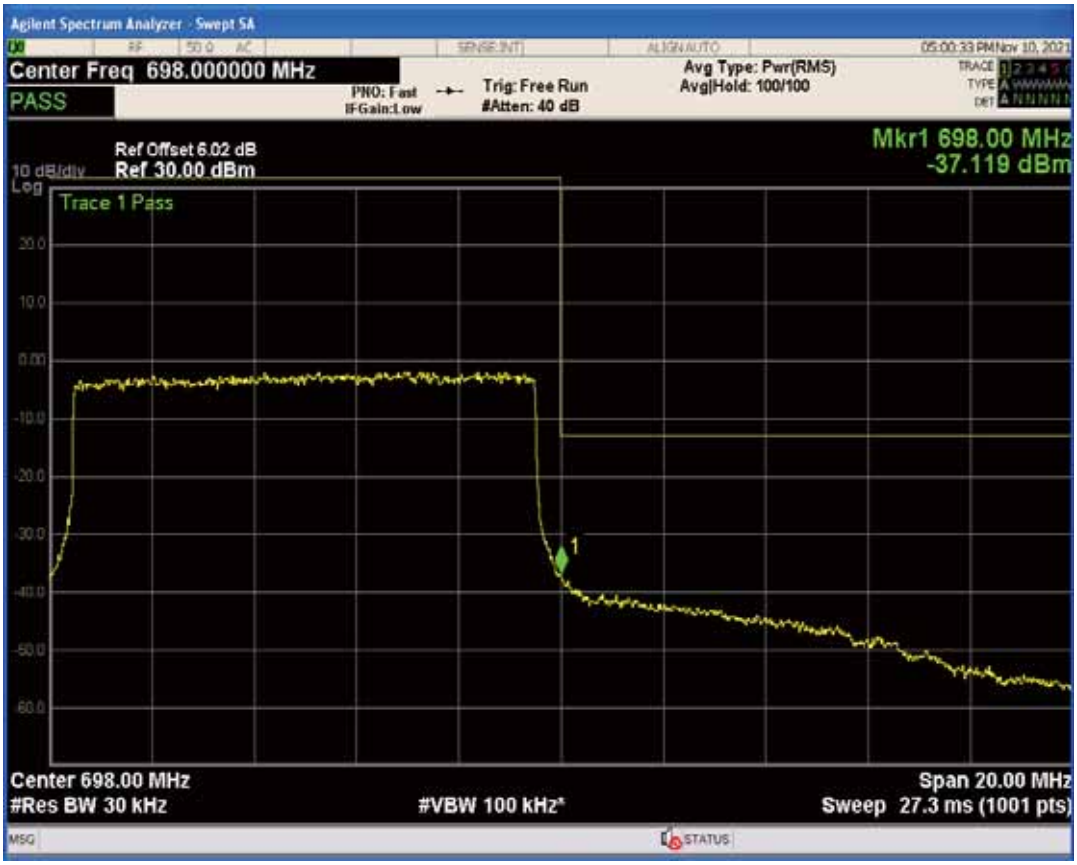
Band71 QAM16 BW=10MHz Channel=133422 RB Size=1 Position=#0



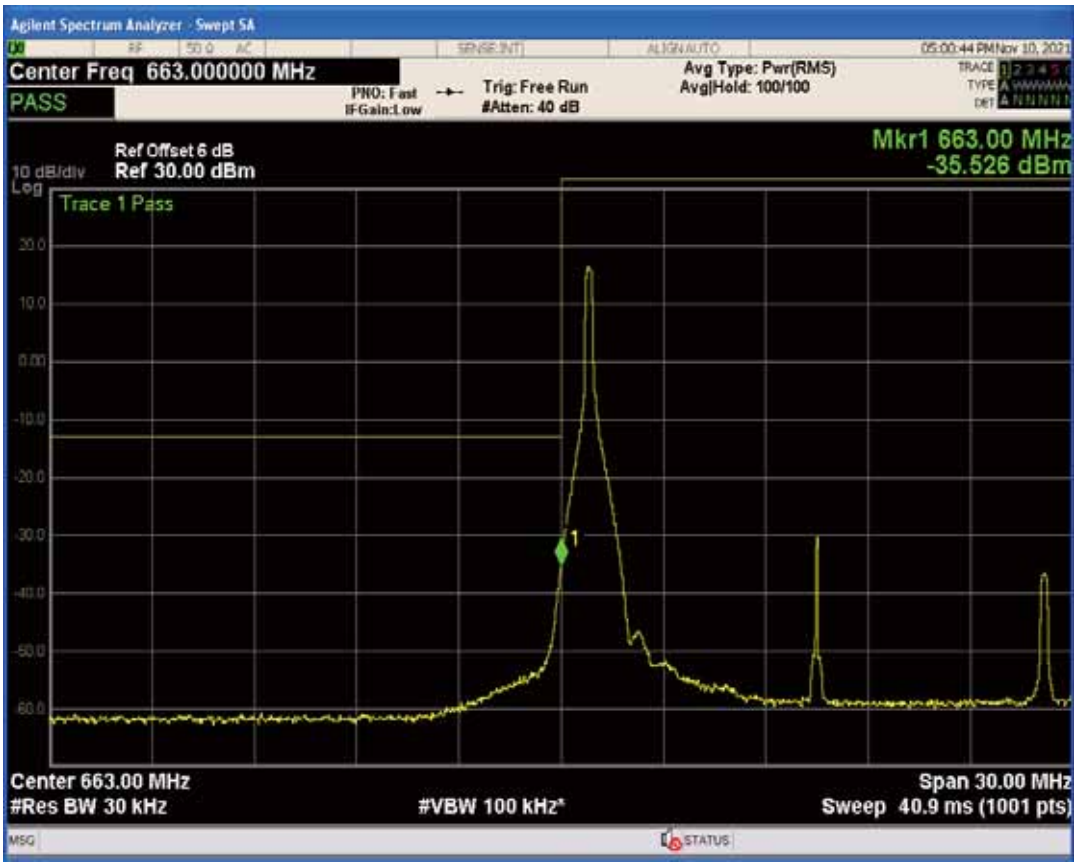
Band71 QAM16 BW=10MHz Channel=133422 RB Size=1 Position=#Max



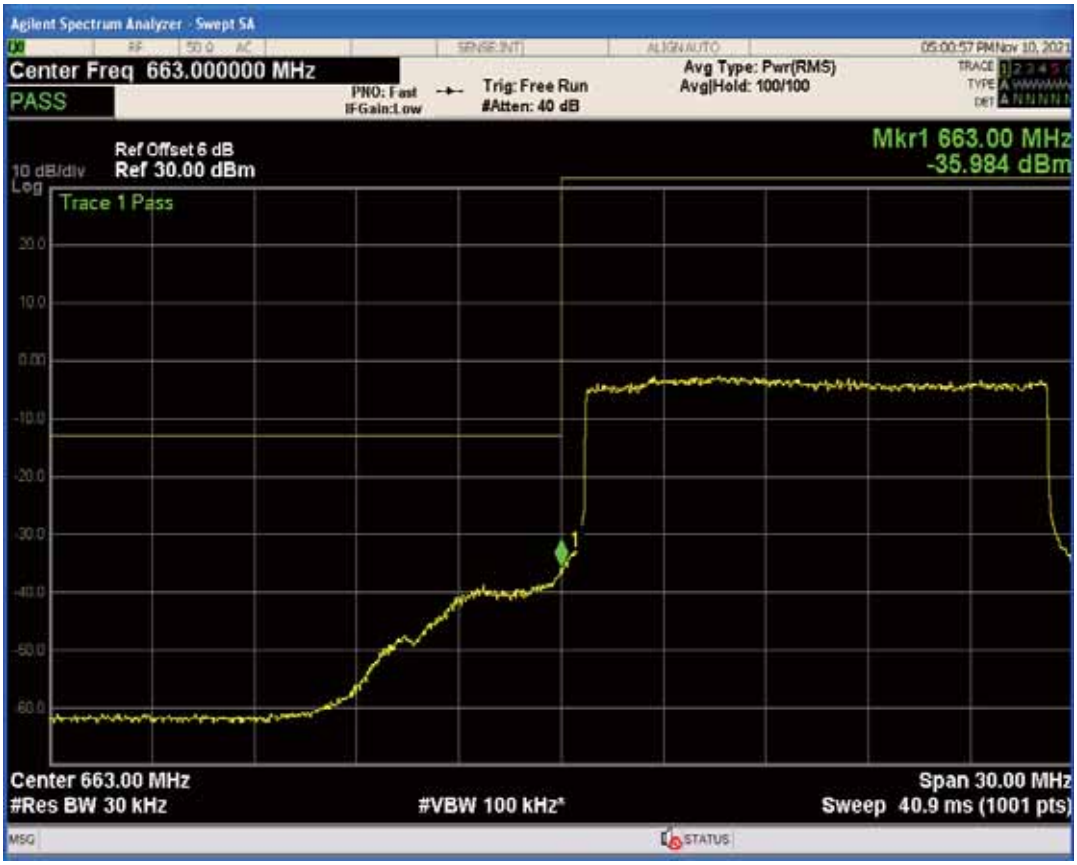
Band71 QAM16 BW=10MHz Channel=133422 RB Size=50 Position=#0



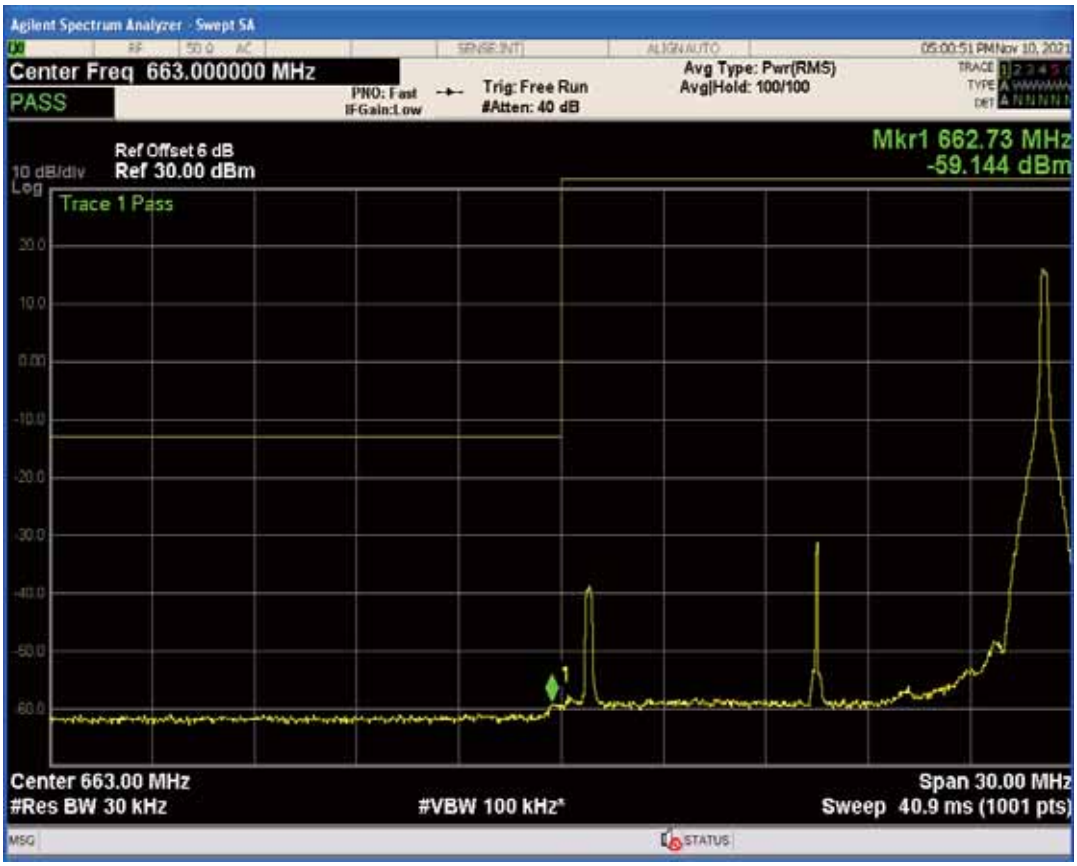
Band71 QPSK BW=15MHz Channel=133197 RB Size=1 Position=#0



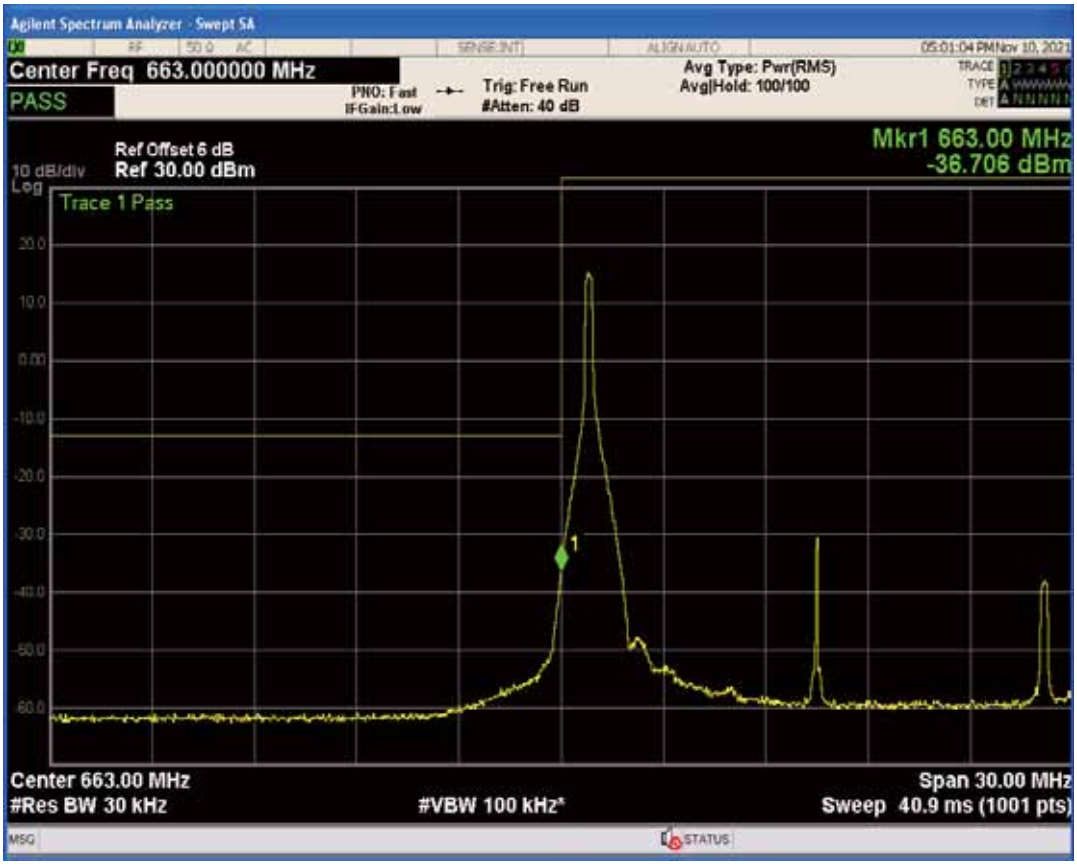
Band71 QPSK BW=15MHz Channel=133197 RB Size=75 Position=#0



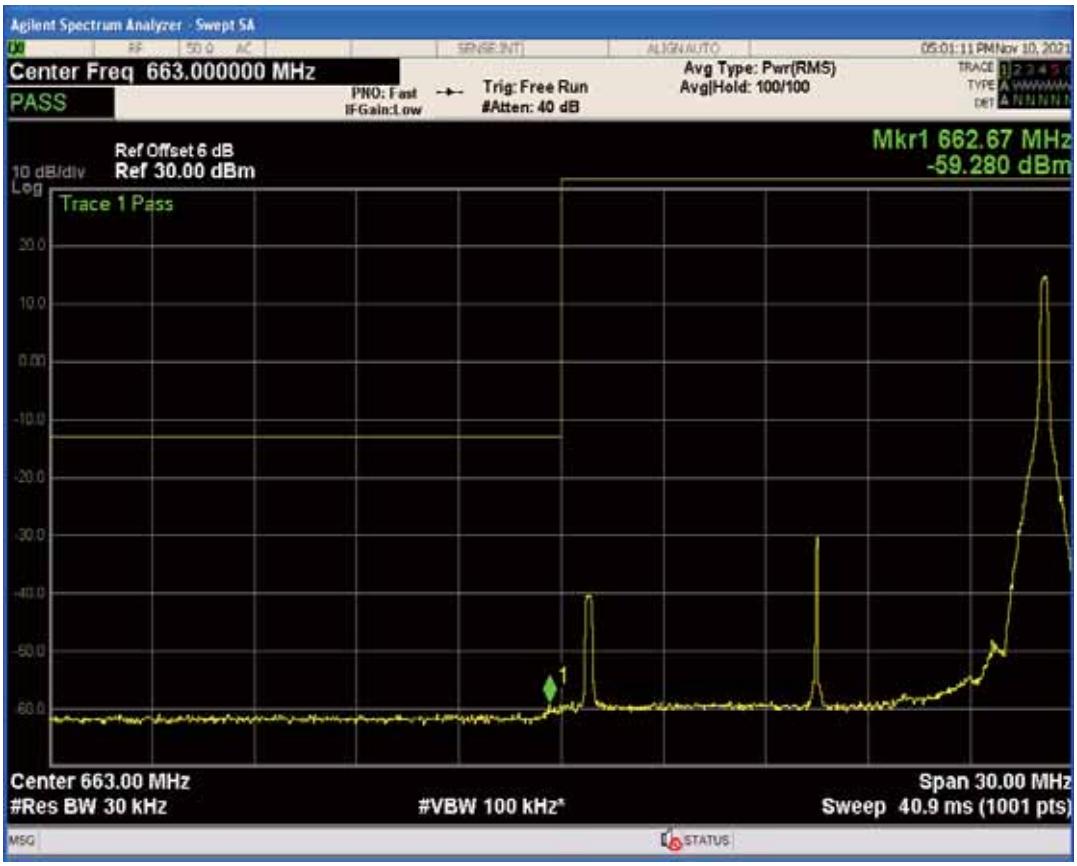
Band71 QPSK BW=15MHz Channel=133197 RB Size=1 Position=#Max



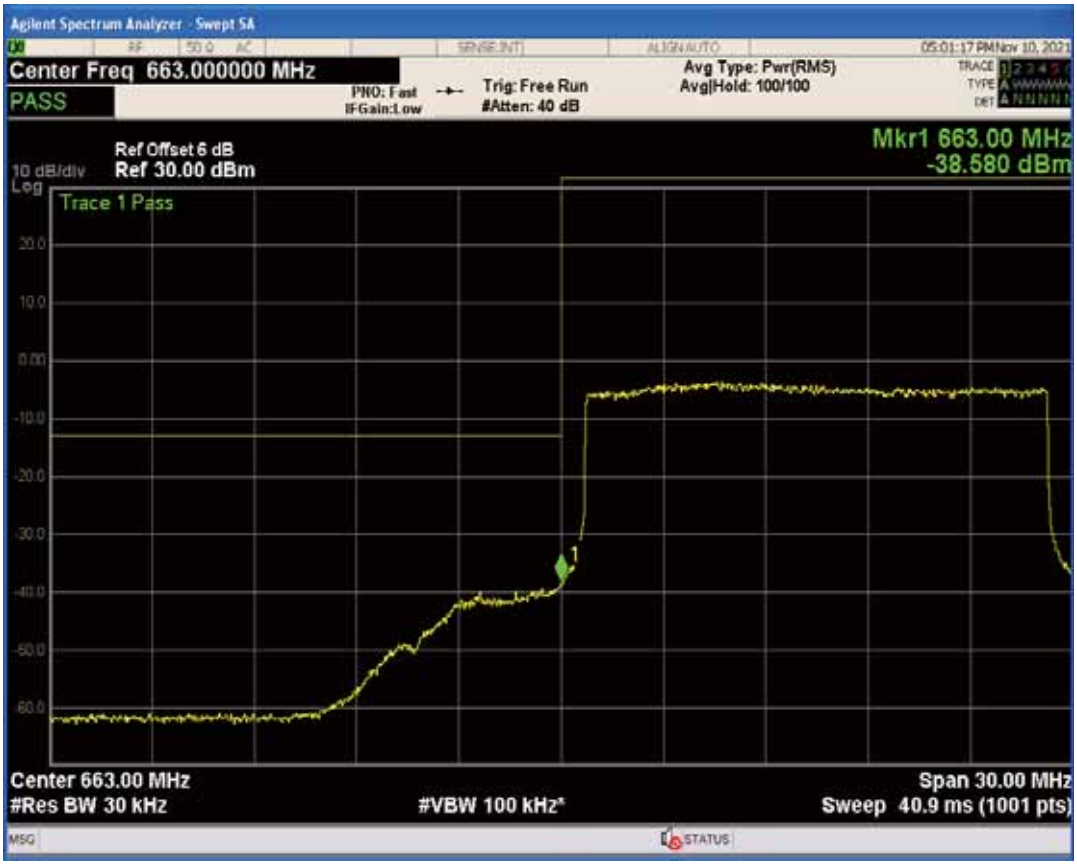
Band71 QAM16 BW=15MHz Channel=133197 RB Size=1 Position=#0



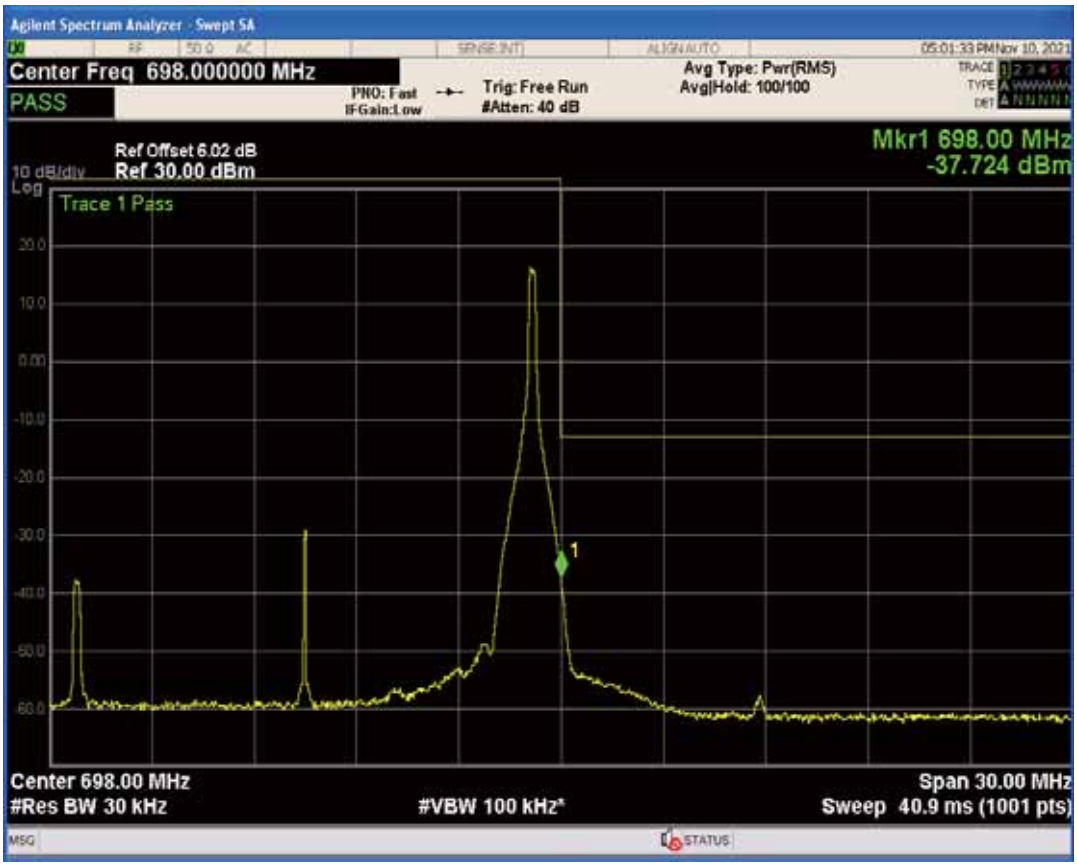
Band71 QAM16 BW=15MHz Channel=133197 RB Size=1 Position=#Max



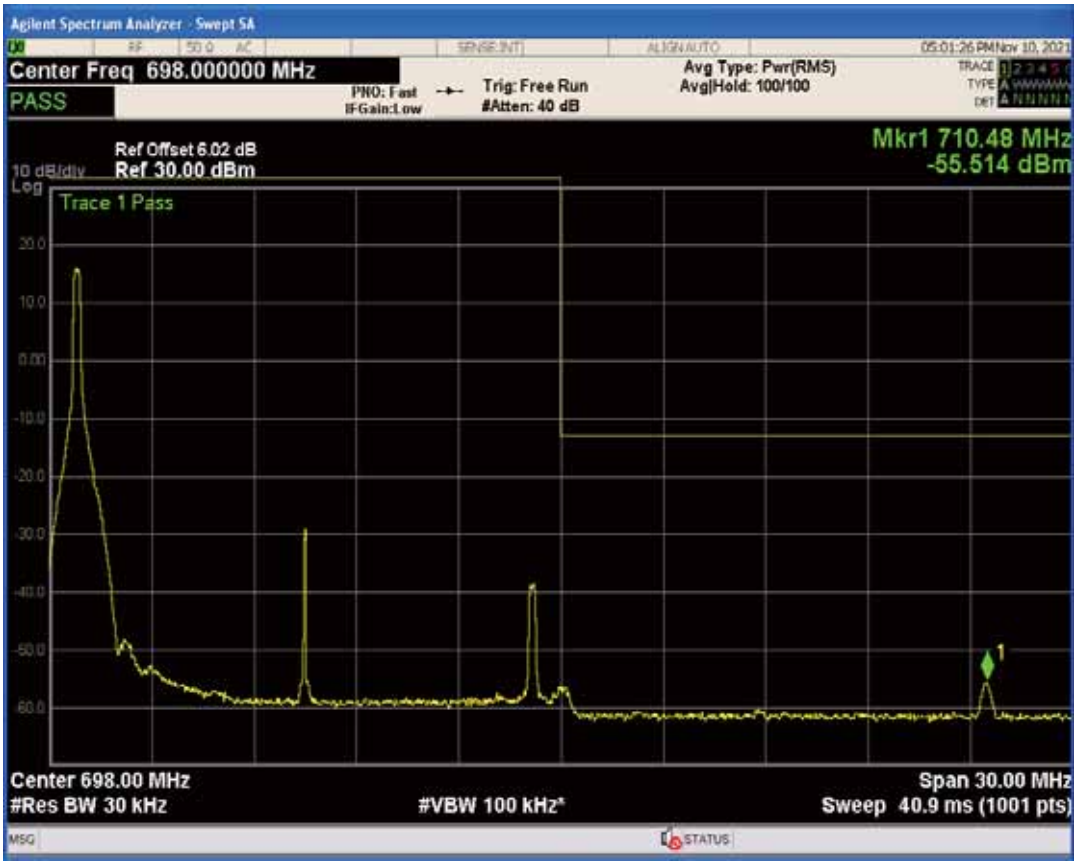
Band71 QAM16 BW=15MHz Channel=133197 RB Size=75 Position=#0



Band71 QPSK BW=15MHz Channel=133397 RB Size=1 Position=#Max

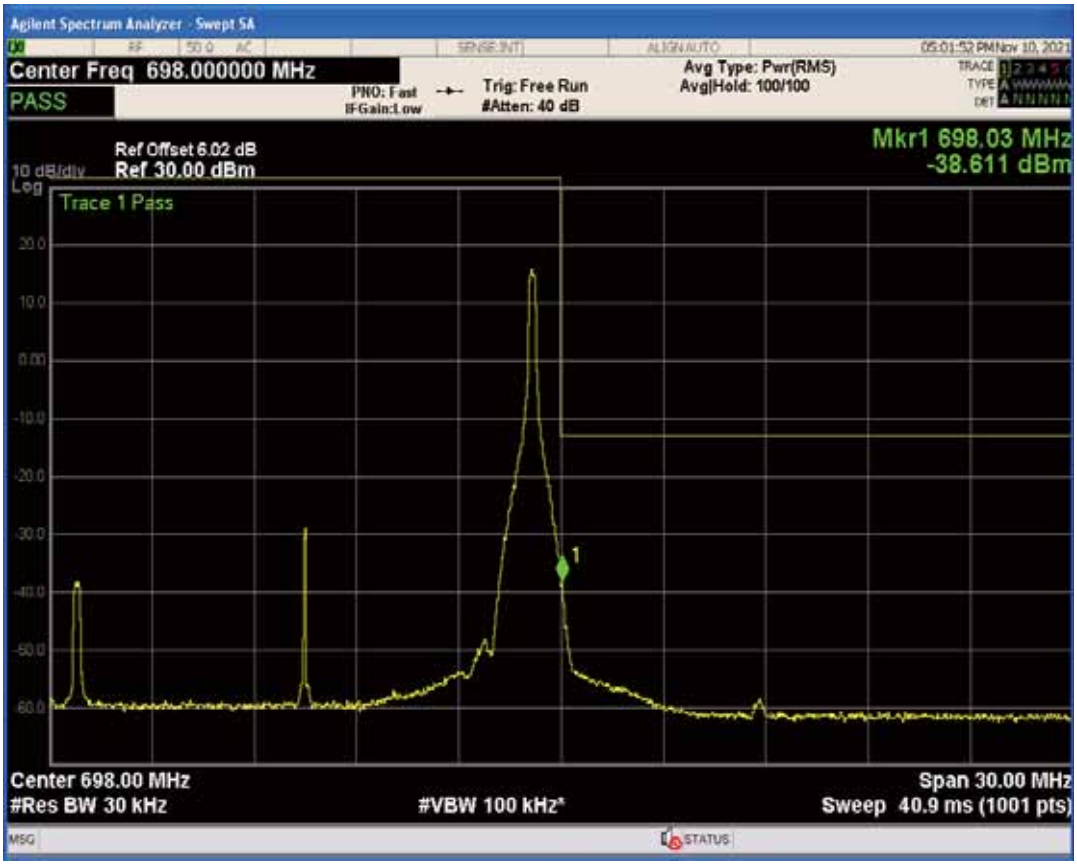


Band71 QPSK BW=15MHz Channel=133397 RB Size=1 Position=#0

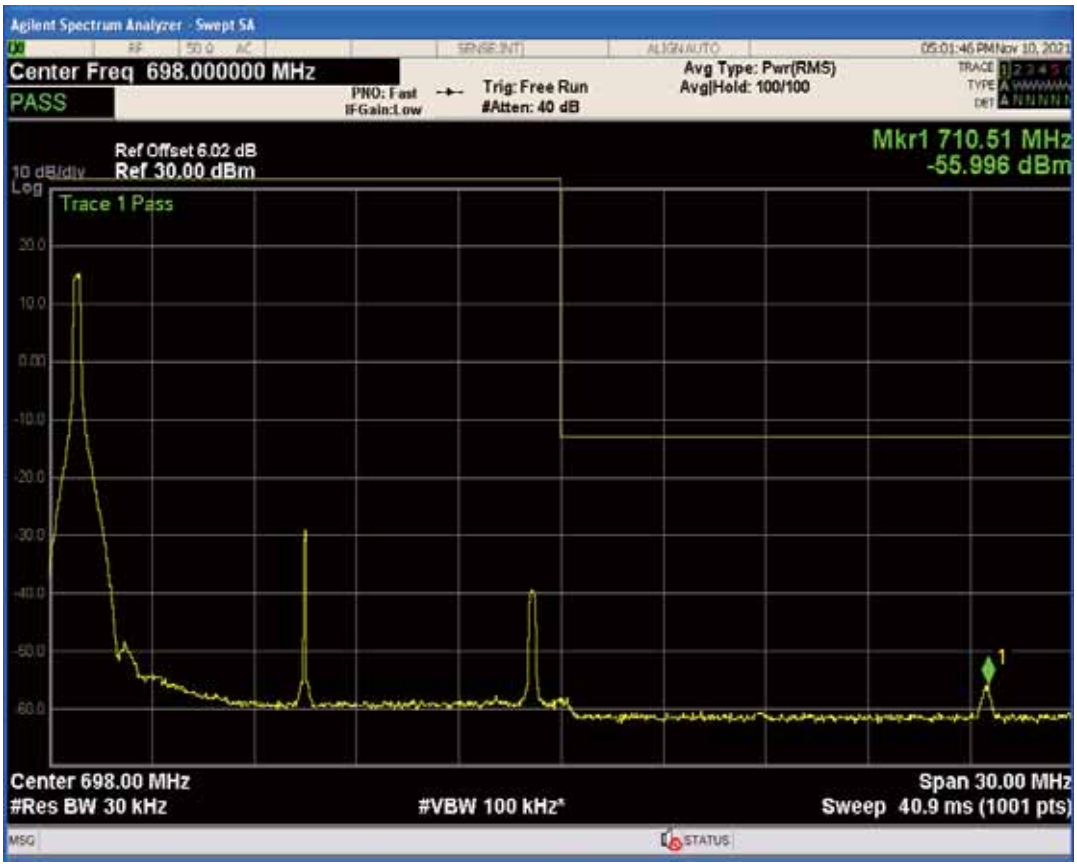


Band71 QPSK BW=15MHz Channel=133397 RB Size=75 Position=#0

Band71 QAM16 BW=15MHz Channel=133397 RB Size=1 Position=#Max

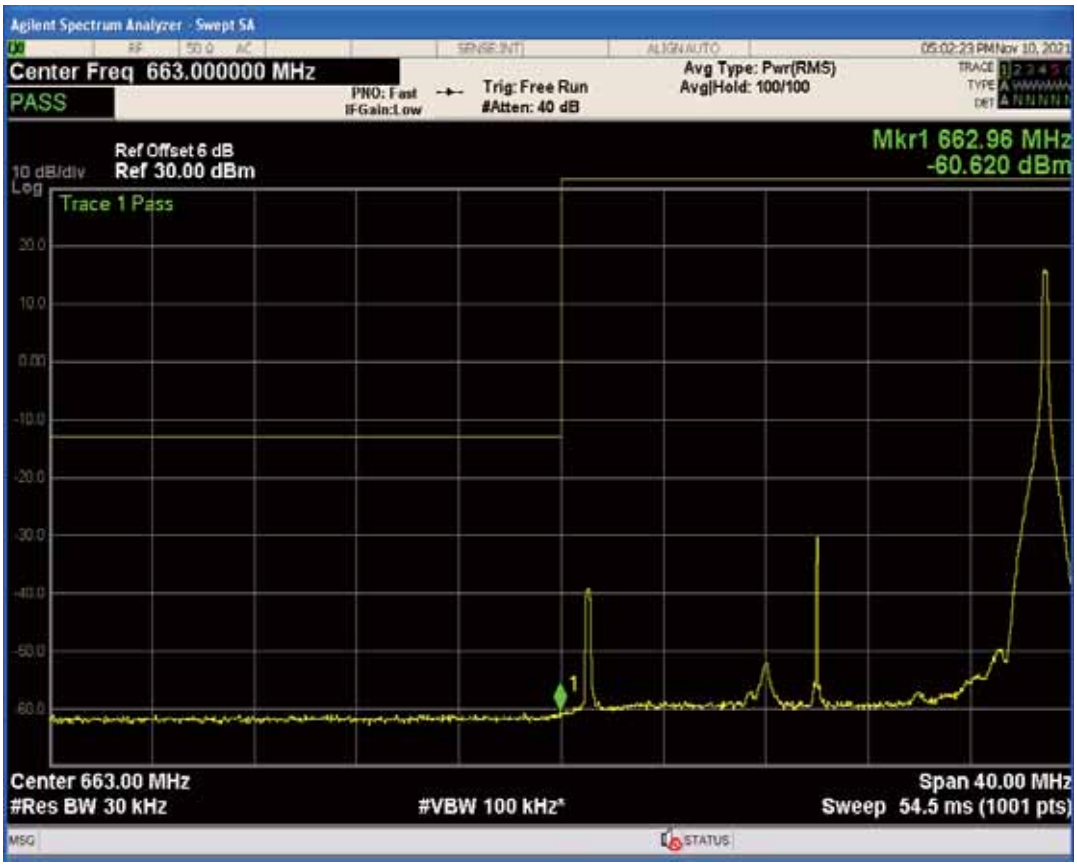


Band71 QAM16 BW=15MHz Channel=133397 RB Size=1 Position=#0

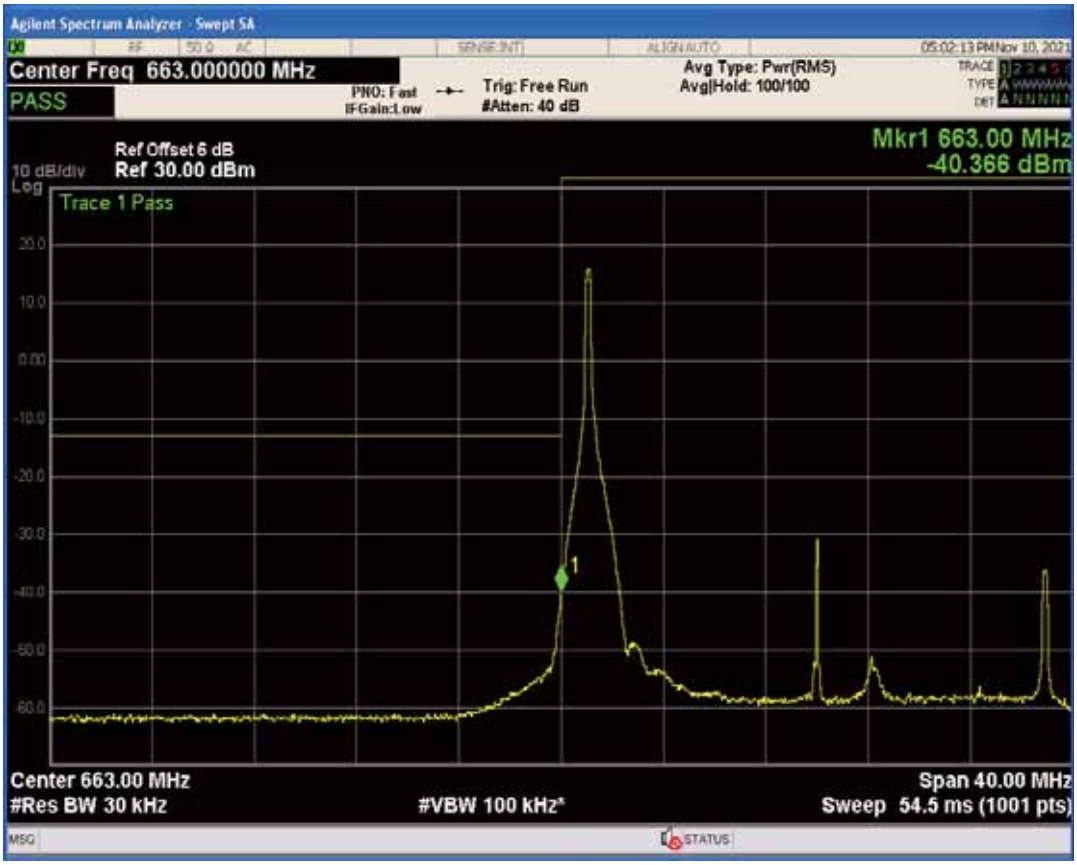


Band71 QAM16 BW=15MHz Channel=133397 RB Size=75 Position=#0

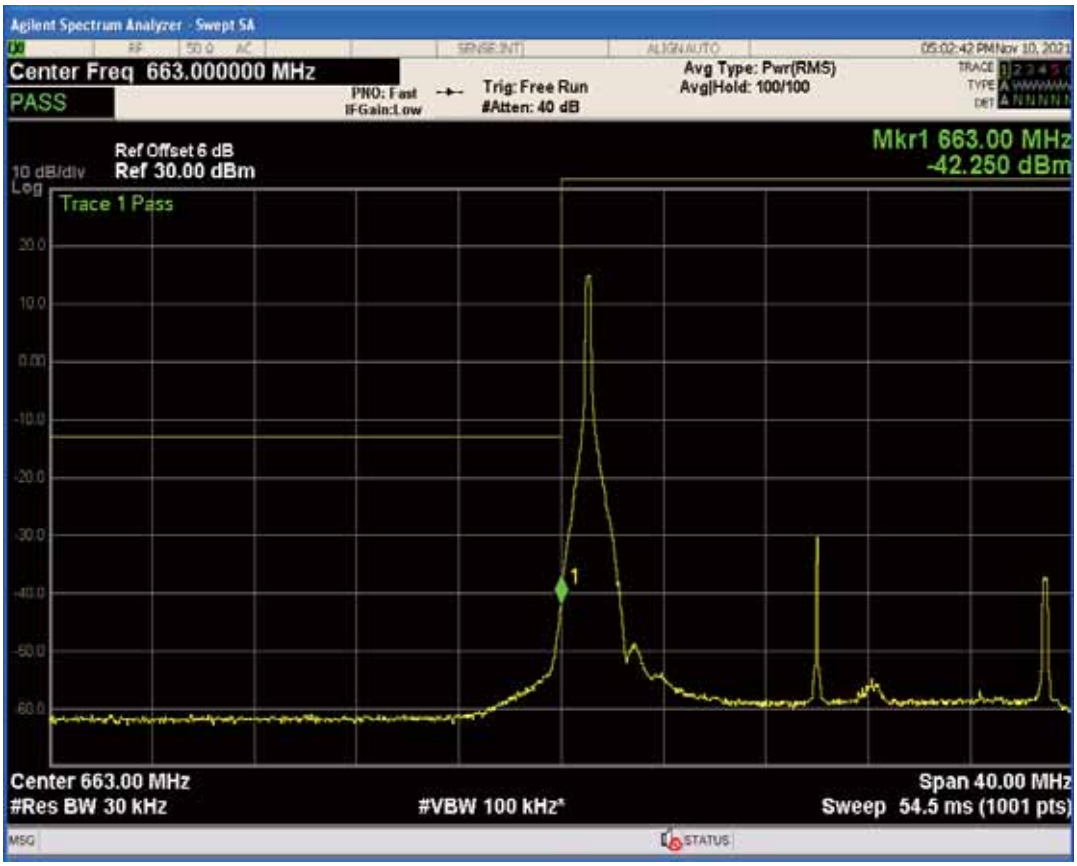
Band71 QPSK BW=20MHz Channel=133222 RB Size=1 Position=#Max



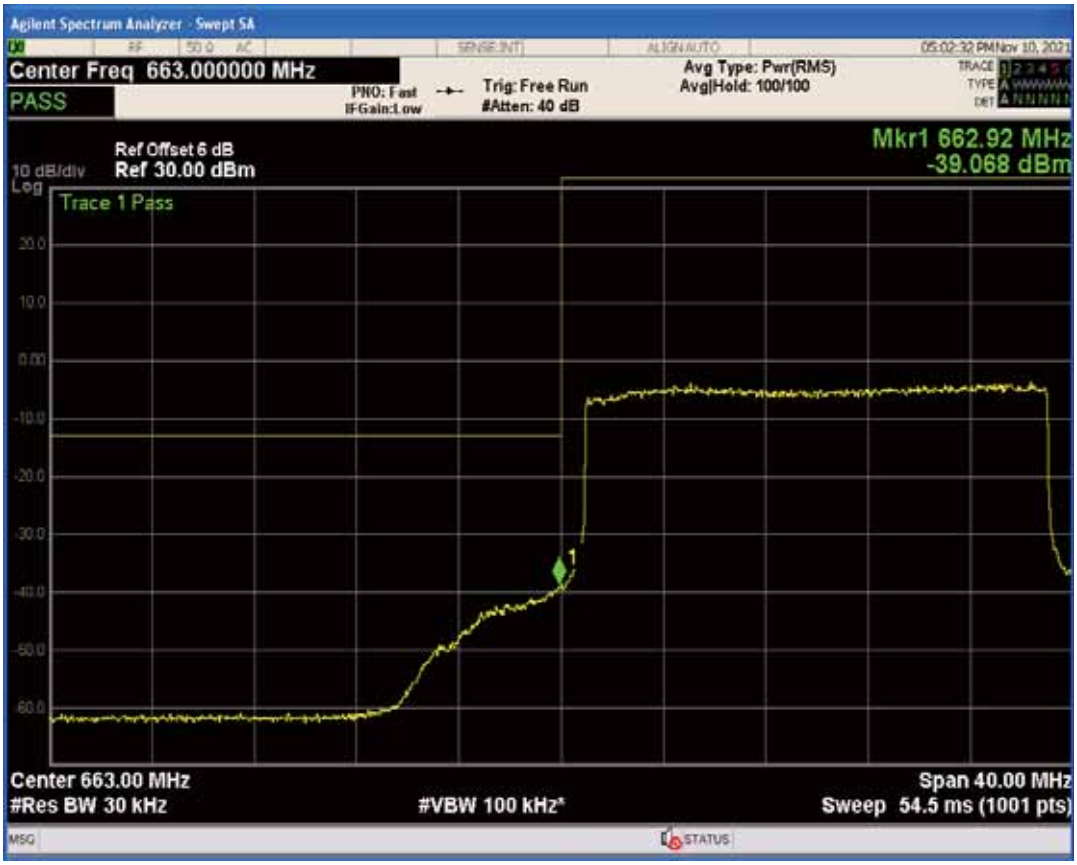
Band71 QPSK BW=20MHz Channel=133222 RB Size=1 Position=#0



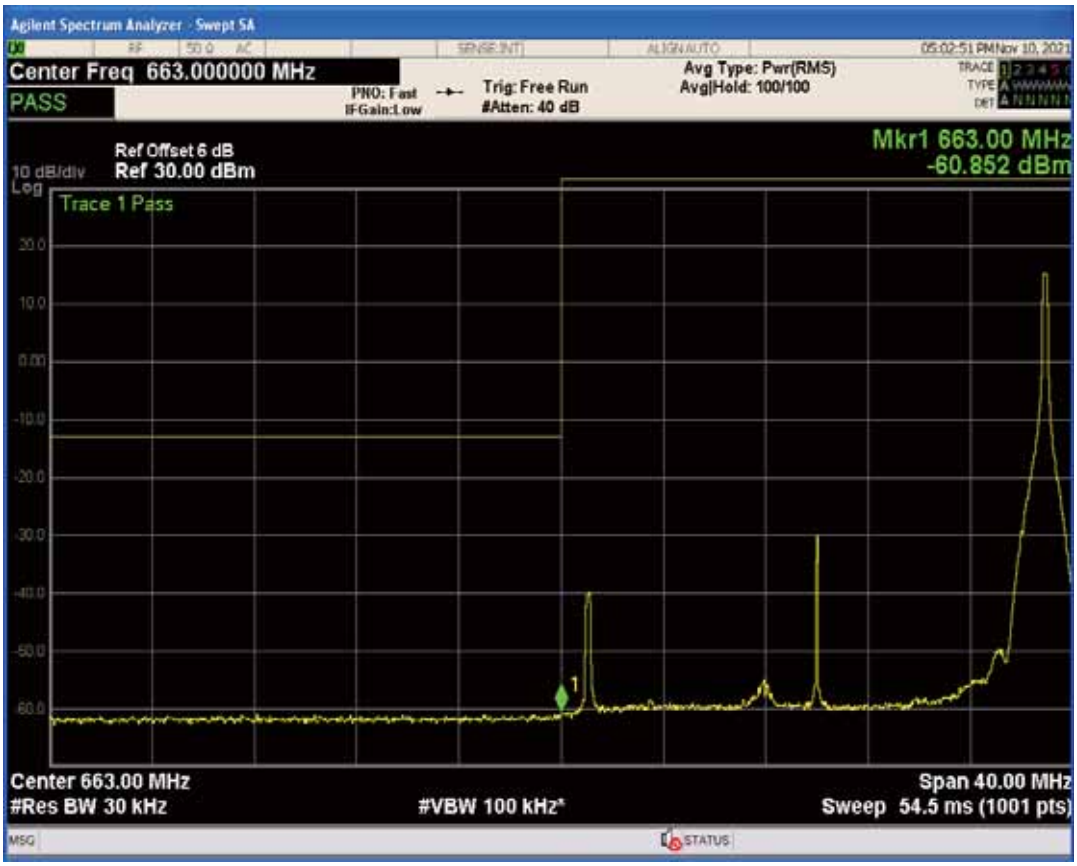
Band71 QAM16 BW=20MHz Channel=133222 RB Size=1 Position=#0



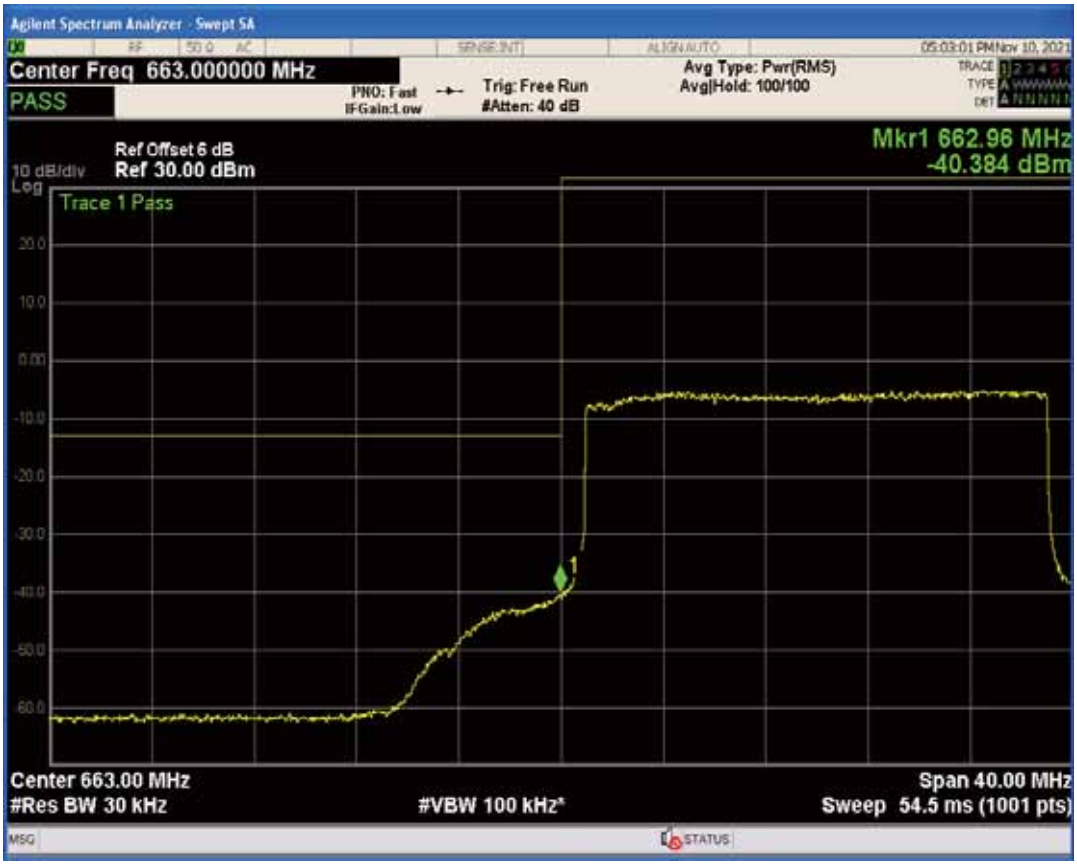
Band71 QPSK BW=20MHz Channel=133222 RB Size=100 Position=#0



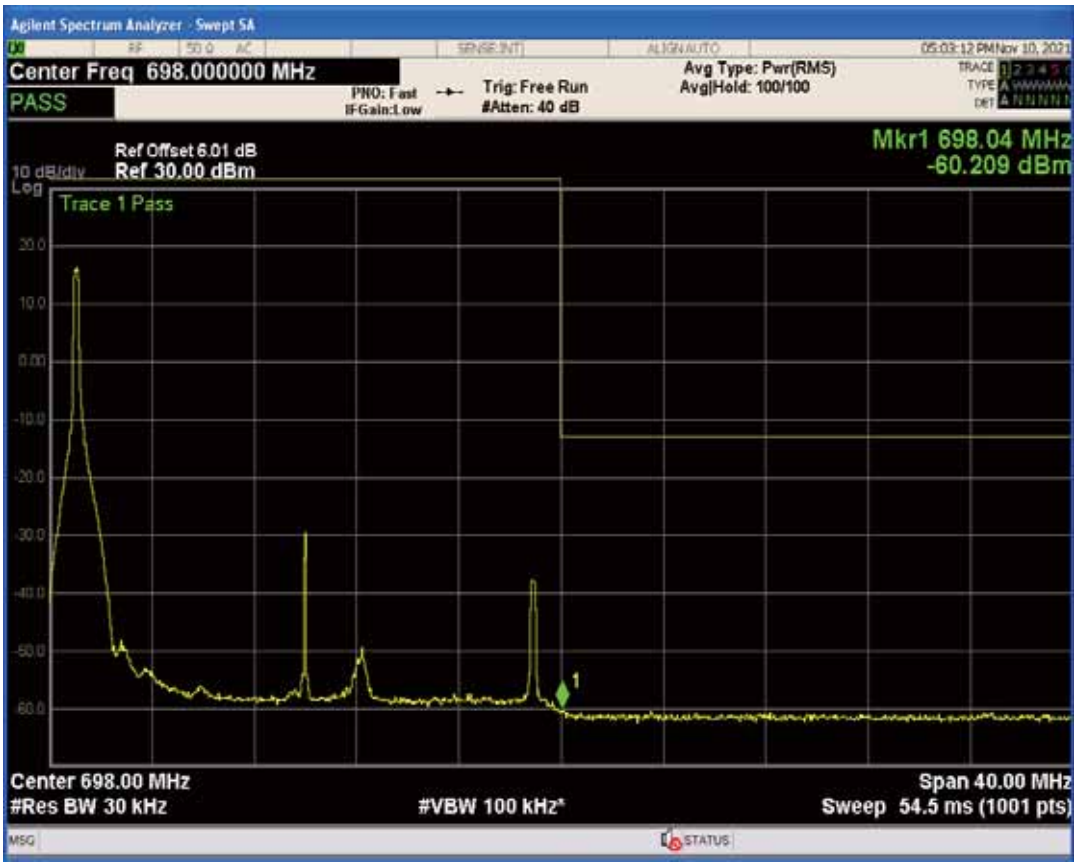
Band71 QAM16 BW=20MHz Channel=133222 RB Size=1 Position=#Max



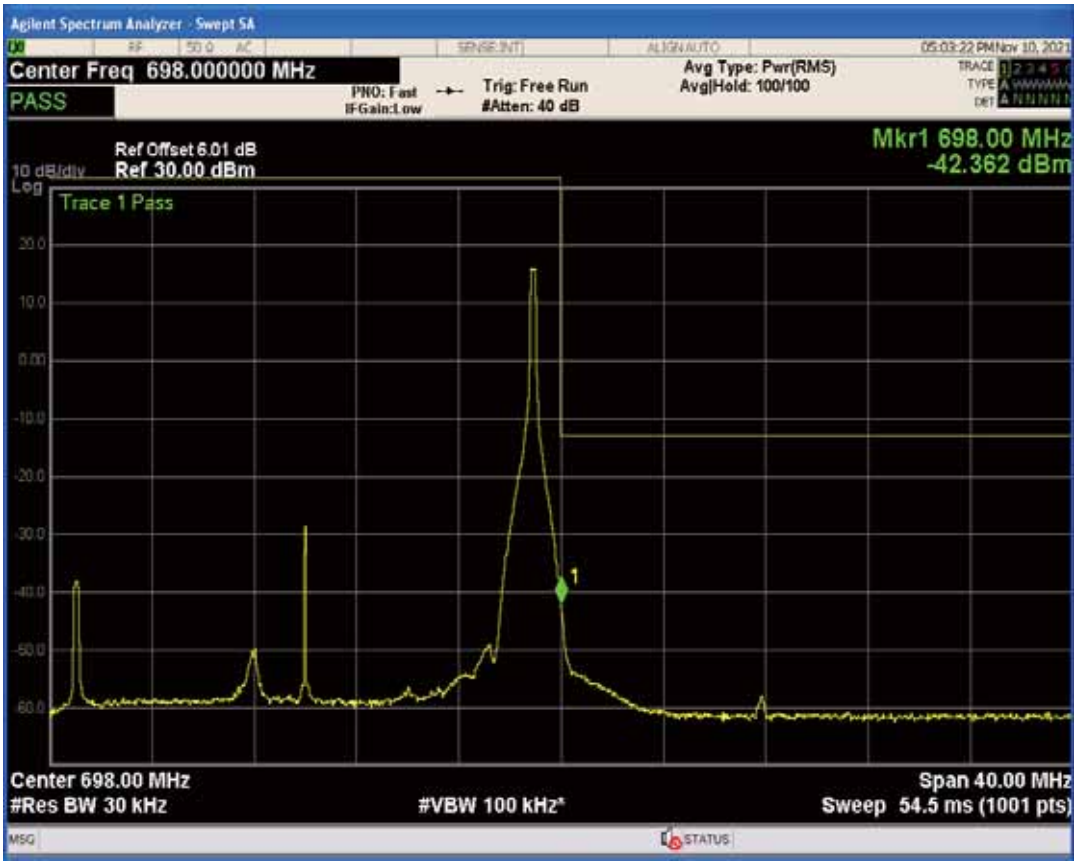
Band71 QAM16 BW=20MHz Channel=133222 RB Size=100 Position=#0



Band71 QPSK BW=20MHz Channel=133372 RB Size=1 Position=#0

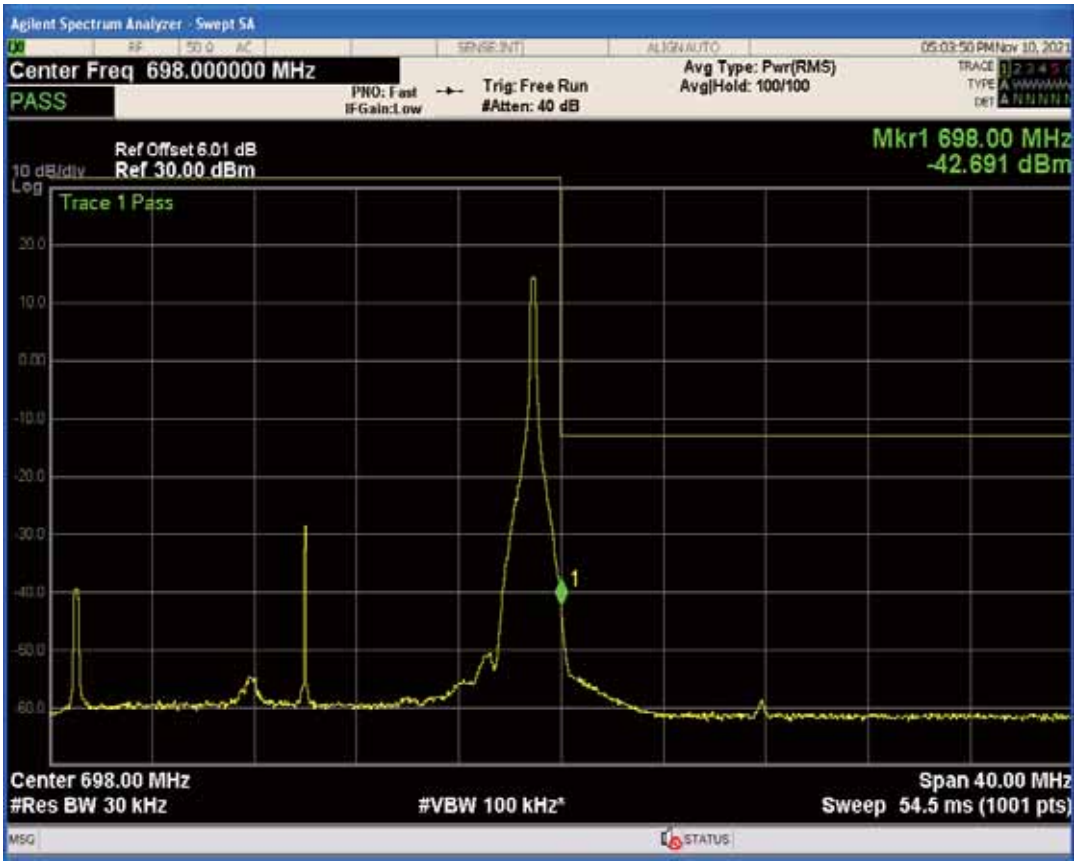


Band71 QPSK BW=20MHz Channel=133372 RB Size=1 Position=#Max

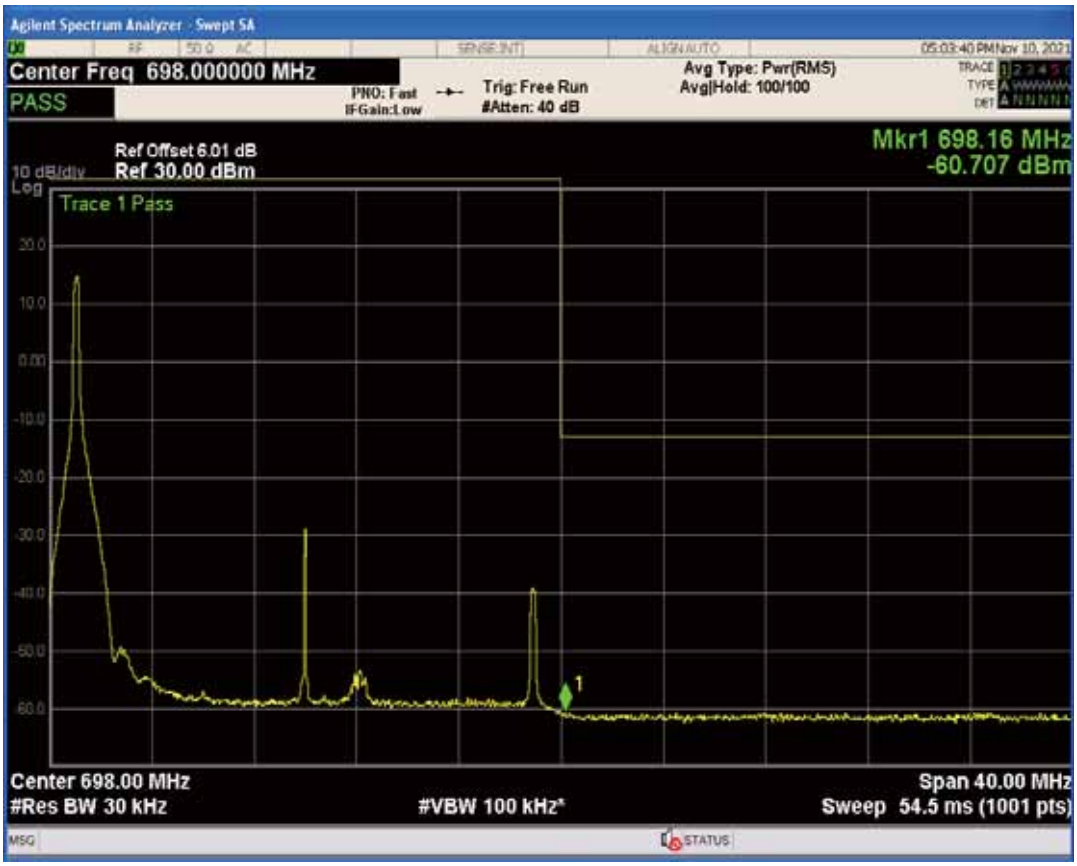


Band71 QPSK BW=20MHz Channel=133372 RB Size=100 Position=#0

Band71 QAM16 BW=20MHz Channel=133372 RB Size=1 Position=#Max



Band71 QAM16 BW=20MHz Channel=133372 RB Size=1 Position=#0



Band71 QAM16 BW=20MHz Channel=133372 RB Size=100 Position=#0

6 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	1398.70	-35.33	-13	PASS
Band12	1.4	23017	6	#0	QPSK	1399.60	-38.48	-13	PASS
Band12	1.4	23017	1	#0	QAM16	1398.70	-35.85	-13	PASS
Band12	1.4	23017	6	#0	QAM16	1398.70	-39.08	-13	PASS
Band12	1.4	23095	1	#0	QPSK	2121.40	-35.96	-13	PASS
Band12	1.4	23095	6	#0	QPSK	2123.20	-38.88	-13	PASS
Band12	1.4	23095	1	#0	QAM16	1414.00	-36.62	-13	PASS
Band12	1.4	23095	6	#0	QAM16	2122.30	-38.00	-13	PASS
Band12	1.4	23173	1	#0	QPSK	1430.20	-34.61	-13	PASS
Band12	1.4	23173	6	#0	QPSK	1430.20	-36.83	-13	PASS
Band12	1.4	23173	1	#0	QAM16	1430.20	-36.22	-13	PASS
Band12	1.4	23173	6	#0	QAM16	1431.10	-37.71	-13	PASS
Band12	3	23025	1	#0	QPSK	1398.70	-34.37	-13	PASS
Band12	3	23025	15	#0	QPSK	1401.40	-41.12	-13	PASS
Band12	3	23025	1	#0	QAM16	2097.10	-37.22	-13	PASS
Band12	3	23025	15	#0	QAM16	1400.50	-40.48	-13	PASS
Band12	3	23095	1	#0	QPSK	1413.10	-34.44	-13	PASS
Band12	3	23095	15	#0	QPSK	1416.70	-42.15	-13	PASS
Band12	3	23095	1	#0	QAM16	1413.10	-37.44	-13	PASS
Band12	3	23095	15	#0	QAM16	1415.80	-41.85	-13	PASS

Band12	3	23165	1	#0	QPSK	1426.60	-34.04	-13	PASS
Band12	3	23165	15	#0	QPSK	1429.30	-40.67	-13	PASS
Band12	3	23165	1	#0	QAM16	1426.60	-33.21	-13	PASS
Band12	3	23165	15	#0	QAM16	1428.40	-40.86	-13	PASS
Band12	5	23035	1	#0	QPSK	1398.70	-37.11	-13	PASS
Band12	5	23035	25	#0	QPSK	1403.20	-42.42	-13	PASS
Band12	5	23035	1	#0	QAM16	1398.70	-39.60	-13	PASS
Band12	5	23035	25	#0	QAM16	1403.20	-43.42	-13	PASS
Band12	5	23095	1	#0	QPSK	1411.30	-35.22	-13	PASS
Band12	5	23095	25	#0	QPSK	1417.60	-41.87	-13	PASS
Band12	5	23095	1	#0	QAM16	1411.30	-36.86	-13	PASS
Band12	5	23095	25	#0	QAM16	1412.20	-44.05	-13	PASS
Band12	5	23155	1	#0	QPSK	1423.00	-33.69	-13	PASS
Band12	5	23155	25	#0	QPSK	1425.70	-42.49	-13	PASS
Band12	5	23155	1	#0	QAM16	1423.00	-36.44	-13	PASS
Band12	5	23155	25	#0	QAM16	1427.50	-41.63	-13	PASS
Band12	10	23060	1	#0	QPSK	1399.60	-35.89	-13	PASS
Band12	10	23060	50	#0	QPSK	6272.20	-43.92	-13	PASS
Band12	10	23060	1	#0	QAM16	1399.60	-37.57	-13	PASS
Band12	10	23060	50	#0	QAM16	7557.40	-43.48	-13	PASS
Band12	10	23095	1	#0	QPSK	1405.90	-36.01	-13	PASS
Band12	10	23095	50	#0	QPSK	1422.10	-44.29	-13	PASS
Band12	10	23095	1	#0	QAM16	1406.80	-36.51	-13	PASS
Band12	10	23095	50	#0	QAM16	2449.90	-44.40	-13	PASS
Band12	10	23130	1	#0	QPSK	1413.10	-34.72	-13	PASS
Band12	10	23130	50	#0	QPSK	6108.40	-43.64	-13	PASS
Band12	10	23130	1	#0	QAM16	1414.00	-38.89	-13	PASS
Band12	10	23130	50	#0	QAM16	1423.00	-42.80	-13	PASS
Band13	5	23205	1	#0	QPSK	1609.83	-44.97	-40	PASS
Band13	5	23205	25	#0	QPSK	1608.89	-45.59	-40	PASS
Band13	5	23205	1	#0	QAM16	1609.68	-45.29	-40	PASS
Band13	5	23205	25	#0	QAM16	1593.19	-45.50	-40	PASS
Band13	5	23230	1	#0	QPSK	1581.25	-45.60	-40	PASS
Band13	5	23230	25	#0	QPSK	1582.95	-44.56	-40	PASS
Band13	5	23230	1	#0	QAM16	1601.42	-44.68	-40	PASS
Band13	5	23230	25	#0	QAM16	1605.75	-43.93	-40	PASS
Band13	5	23255	1	#0	QPSK	1560.45	-45.69	-40	PASS
Band13	5	23255	25	#0	QPSK	1582.72	-45.81	-40	PASS
Band13	5	23255	1	#0	QAM16	1581.45	-45.28	-40	PASS
Band13	5	23255	25	#0	QAM16	1582.52	-44.78	-40	PASS
Band13	10	23230	1	#0	QPSK	1603.30	-44.97	-40	PASS
Band13	10	23230	50	#0	QPSK	1609.83	-45.18	-40	PASS
Band13	10	23230	1	#0	QAM16	1575.48	-45.50	-40	PASS
Band13	10	23230	50	#0	QAM16	1586.63	-45.25	-40	PASS

Band14	5	23305	1	#0	QPSK	1567.11	-49.09	-40	PASS
Band14	5	23305	25	#0	QPSK	1573.26	-49.11	-40	PASS
Band14	5	23305	1	#0	QAM16	1579.79	-49.02	-40	PASS
Band14	5	23305	25	#0	QAM16	1586.11	-49.04	-40	PASS
Band14	5	23330	1	#0	QPSK	1574.08	-48.87	-40	PASS
Band14	5	23330	25	#0	QPSK	1585.30	-48.56	-40	PASS
Band14	5	23330	1	#0	QAM16	1578.45	-49.37	-40	PASS
Band14	5	23330	25	#0	QAM16	1566.38	-48.71	-40	PASS
Band14	5	23355	1	#0	QPSK	1591.16	-48.23	-40	PASS
Band14	5	23355	25	#0	QPSK	1579.52	-48.82	-40	PASS
Band14	5	23355	1	#0	QAM16	1598.45	-48.57	-40	PASS
Band14	5	23355	25	#0	QAM16	1604.91	-48.41	-40	PASS
Band14	10	23330	1	#0	QPSK	1561.59	-49.46	-40	PASS
Band14	10	23330	50	#0	QPSK	1593.78	-48.28	-40	PASS
Band14	10	23330	1	#0	QAM16	1576.14	-48.40	-40	PASS
Band14	10	23330	50	#0	QAM16	1588.70	-49.01	-40	PASS
Band2	1.4	18607	1	#0	QPSK	7573.60	-43.15	-13	PASS
Band2	1.4	18607	6	#0	QPSK	6184.00	-42.63	-13	PASS
Band2	1.4	18607	1	#0	QAM16	7615.00	-42.52	-13	PASS
Band2	1.4	18607	6	#0	QAM16	7584.40	-42.77	-13	PASS
Band2	1.4	18900	1	#0	QPSK	5845.60	-42.73	-13	PASS
Band2	1.4	18900	6	#0	QPSK	5889.70	-42.58	-13	PASS
Band2	1.4	18900	1	#0	QAM16	7618.60	-41.85	-13	PASS
Band2	1.4	18900	6	#0	QAM16	0.01	-42.06	-13	PASS
Band2	1.4	19193	1	#0	QPSK	7574.50	-41.76	-13	PASS
Band2	1.4	19193	6	#0	QPSK	0.01	-41.76	-13	PASS
Band2	1.4	19193	1	#0	QAM16	2469.70	-41.31	-13	PASS
Band2	1.4	19193	6	#0	QAM16	1916.20	-41.46	-13	PASS
Band2	3	18615	1	#0	QPSK	7075.90	-41.97	-13	PASS
Band2	3	18615	15	#0	QPSK	6153.40	-43.31	-13	PASS
Band2	3	18615	1	#0	QAM16	2473.30	-43.07	-13	PASS
Band2	3	18615	15	#0	QAM16	6993.10	-42.99	-13	PASS
Band2	3	18900	1	#0	QPSK	5973.40	-42.94	-13	PASS
Band2	3	18900	15	#0	QPSK	6796.00	-43.00	-13	PASS
Band2	3	18900	1	#0	QAM16	7506.10	-42.71	-13	PASS
Band2	3	18900	15	#0	QAM16	7387.30	-42.89	-13	PASS
Band2	3	19185	1	#0	QPSK	7407.10	-42.22	-13	PASS
Band2	3	19185	15	#0	QPSK	7801.30	-42.72	-13	PASS
Band2	3	19185	1	#0	QAM16	3285.10	-43.01	-13	PASS
Band2	3	19185	15	#0	QAM16	7204.60	-42.52	-13	PASS
Band2	5	18625	1	#0	QPSK	7152.40	-42.61	-13	PASS
Band2	5	18625	25	#0	QPSK	7616.80	-42.34	-13	PASS
Band2	5	18625	1	#0	QAM16	5478.40	-42.87	-13	PASS
Band2	5	18625	25	#0	QAM16	5261.50	-42.71	-13	PASS

Band2	5	18900	1	#0	QPSK	7615.00	-42.69	-13	PASS
Band2	5	18900	25	#0	QPSK	7633.90	-43.01	-13	PASS
Band2	5	18900	1	#0	QAM16	7259.50	-42.94	-13	PASS
Band2	5	18900	25	#0	QAM16	6242.50	-43.28	-13	PASS
Band2	5	19175	1	#0	QPSK	0.01	-42.56	-13	PASS
Band2	5	19175	25	#0	QPSK	6137.20	-43.17	-13	PASS
Band2	5	19175	1	#0	QAM16	4972.60	-42.89	-13	PASS
Band2	5	19175	25	#0	QAM16	7621.30	-42.39	-13	PASS
Band2	10	18650	1	#0	QPSK	7578.10	-42.20	-13	PASS
Band2	10	18650	50	#0	QPSK	5408.20	-42.45	-13	PASS
Band2	10	18650	1	#0	QAM16	7629.40	-42.82	-13	PASS
Band2	10	18650	50	#0	QAM16	6710.50	-43.02	-13	PASS
Band2	10	18900	1	#0	QPSK	3151.00	-42.99	-13	PASS
Band2	10	18900	50	#0	QPSK	7290.10	-42.60	-13	PASS
Band2	10	18900	1	#0	QAM16	7578.10	-42.35	-13	PASS
Band2	10	18900	50	#0	QAM16	7550.20	-42.03	-13	PASS
Band2	10	19150	1	#0	QPSK	7575.40	-42.47	-13	PASS
Band2	10	19150	50	#0	QPSK	7150.60	-42.44	-13	PASS
Band2	10	19150	1	#0	QAM16	7631.20	-43.20	-13	PASS
Band2	10	19150	50	#0	QAM16	5357.80	-42.46	-13	PASS
Band2	15	18675	1	#0	QPSK	9181.00	-43.28	-13	PASS
Band2	15	18675	75	#0	QPSK	6852.70	-43.03	-13	PASS
Band2	15	18675	1	#0	QAM16	0.01	-42.60	-13	PASS
Band2	15	18675	75	#0	QAM16	5239.00	-43.65	-13	PASS
Band2	15	18900	1	#0	QPSK	6208.30	-42.44	-13	PASS
Band2	15	18900	75	#0	QPSK	7636.60	-42.86	-13	PASS
Band2	15	18900	1	#0	QAM16	7094.80	-42.41	-13	PASS
Band2	15	18900	75	#0	QAM16	6253.30	-42.83	-13	PASS
Band2	15	19125	1	#0	QPSK	6069.70	-43.20	-13	PASS
Band2	15	19125	75	#0	QPSK	7548.40	-42.75	-13	PASS
Band2	15	19125	1	#0	QAM16	0.01	-41.75	-13	PASS
Band2	15	19125	75	#0	QAM16	6028.30	-42.82	-13	PASS
Band2	20	18700	1	#0	QPSK	6112.00	-43.44	-13	PASS
Band2	20	18700	100	#0	QPSK	7678.00	-43.30	-13	PASS
Band2	20	18700	1	#0	QAM16	7604.20	-42.95	-13	PASS
Band2	20	18700	100	#0	QAM16	7646.50	-43.10	-13	PASS
Band2	20	18900	1	#0	QPSK	8018.20	-42.53	-13	PASS
Band2	20	18900	100	#0	QPSK	7527.70	-42.45	-13	PASS
Band2	20	18900	1	#0	QAM16	7162.30	-43.09	-13	PASS
Band2	20	18900	100	#0	QAM16	5317.30	-42.68	-13	PASS
Band2	20	19100	1	#0	QPSK	7297.30	-42.25	-13	PASS
Band2	20	19100	100	#0	QPSK	6094.00	-42.71	-13	PASS
Band2	20	19100	1	#0	QAM16	7608.70	-42.73	-13	PASS
Band2	20	19100	100	#0	QAM16	3309.40	-42.75	-13	PASS

Band4	1.4	19957	1	#0	QPSK	7593.40	-43.05	-13	PASS
Band4	1.4	19957	6	#0	QPSK	3421.00	-42.96	-13	PASS
Band4	1.4	19957	1	#0	QAM16	3421.00	-43.03	-13	PASS
Band4	1.4	19957	6	#0	QAM16	6116.50	-42.73	-13	PASS
Band4	1.4	20175	1	#0	QPSK	5793.40	-42.18	-13	PASS
Band4	1.4	20175	6	#0	QPSK	3465.10	-42.33	-13	PASS
Band4	1.4	20175	1	#0	QAM16	7594.30	-43.44	-13	PASS
Band4	1.4	20175	6	#0	QAM16	3037.60	-43.21	-13	PASS
Band4	1.4	20393	1	#0	QPSK	3508.30	-42.75	-13	PASS
Band4	1.4	20393	6	#0	QPSK	6243.40	-43.64	-13	PASS
Band4	1.4	20393	1	#0	QAM16	5273.20	-42.94	-13	PASS
Band4	1.4	20393	6	#0	QAM16	0.01	-43.45	-13	PASS
Band4	3	19965	1	#0	QPSK	3421.00	-42.26	-13	PASS
Band4	3	19965	15	#0	QPSK	7114.60	-43.51	-13	PASS
Band4	3	19965	1	#0	QAM16	3150.10	-42.87	-13	PASS
Band4	3	19965	15	#0	QAM16	6345.10	-43.46	-13	PASS
Band4	3	20175	1	#0	QPSK	3462.40	-41.95	-13	PASS
Band4	3	20175	15	#0	QPSK	8913.70	-42.98	-13	PASS
Band4	3	20175	1	#0	QAM16	0.01	-42.42	-13	PASS
Band4	3	20175	15	#0	QAM16	0.01	-41.71	-13	PASS
Band4	3	20385	1	#0	QPSK	5799.70	-42.94	-13	PASS
Band4	3	20385	15	#0	QPSK	7001.20	-43.74	-13	PASS
Band4	3	20385	1	#0	QAM16	7245.10	-42.21	-13	PASS
Band4	3	20385	15	#0	QAM16	7690.60	-42.57	-13	PASS
Band4	5	19975	1	#0	QPSK	3421.00	-42.57	-13	PASS
Band4	5	19975	25	#0	QPSK	7282.90	-43.54	-13	PASS
Band4	5	19975	1	#0	QAM16	0.01	-43.19	-13	PASS
Band4	5	19975	25	#0	QAM16	0.01	-42.38	-13	PASS
Band4	5	20175	1	#0	QPSK	3460.60	-43.05	-13	PASS
Band4	5	20175	25	#0	QPSK	7577.20	-42.29	-13	PASS
Band4	5	20175	1	#0	QAM16	6637.60	-42.96	-13	PASS
Band4	5	20175	25	#0	QAM16	5734.00	-42.31	-13	PASS
Band4	5	20375	1	#0	QPSK	3501.10	-43.33	-13	PASS
Band4	5	20375	25	#0	QPSK	0.01	-42.66	-13	PASS
Band4	5	20375	1	#0	QAM16	6310.00	-43.61	-13	PASS
Band4	5	20375	25	#0	QAM16	7960.60	-43.87	-13	PASS
Band4	10	20000	1	#0	QPSK	3421.90	-42.13	-13	PASS
Band4	10	20000	50	#0	QPSK	8571.70	-43.65	-13	PASS
Band4	10	20000	1	#0	QAM16	3421.00	-41.79	-13	PASS
Band4	10	20000	50	#0	QAM16	5863.60	-43.39	-13	PASS
Band4	10	20175	1	#0	QPSK	3456.10	-41.52	-13	PASS
Band4	10	20175	50	#0	QPSK	0.01	-42.40	-13	PASS
Band4	10	20175	1	#0	QAM16	3457.00	-43.09	-13	PASS
Band4	10	20175	50	#0	QAM16	7446.70	-43.22	-13	PASS

Band4	10	20350	1	#0	QPSK	3491.20	-42.80	-13	PASS
Band4	10	20350	50	#0	QPSK	5588.20	-43.00	-13	PASS
Band4	10	20350	1	#0	QAM16	0.01	-42.61	-13	PASS
Band4	10	20350	50	#0	QAM16	7197.40	-43.35	-13	PASS
Band4	15	20025	1	#0	QPSK	3421.90	-41.85	-13	PASS
Band4	15	20025	75	#0	QPSK	7049.80	-42.71	-13	PASS
Band4	15	20025	1	#0	QAM16	5873.50	-42.40	-13	PASS
Band4	15	20025	75	#0	QAM16	7558.30	-42.38	-13	PASS
Band4	15	20175	1	#0	QPSK	7670.80	-42.64	-13	PASS
Band4	15	20175	75	#0	QPSK	7606.00	-43.13	-13	PASS
Band4	15	20175	1	#0	QAM16	0.01	-38.32	-13	PASS
Band4	15	20175	75	#0	QAM16	0.01	-38.44	-13	PASS
Band4	15	20325	1	#0	QPSK	0.01	-38.65	-13	PASS
Band4	15	20325	75	#0	QPSK	0.01	-40.03	-13	PASS
Band4	15	20325	1	#0	QAM16	0.01	-38.44	-13	PASS
Band4	15	20325	75	#0	QAM16	0.01	-40.08	-13	PASS
Band4	20	20050	1	#0	QPSK	3421.90	-41.73	-13	PASS
Band4	20	20050	100	#0	QPSK	5869.00	-43.33	-13	PASS
Band4	20	20050	1	#0	QAM16	0.01	-41.14	-13	PASS
Band4	20	20050	100	#0	QAM16	7156.00	-43.25	-13	PASS
Band4	20	20175	1	#0	QPSK	3447.10	-41.81	-13	PASS
Band4	20	20175	100	#0	QPSK	7285.60	-42.72	-13	PASS
Band4	20	20175	1	#0	QAM16	3194.20	-43.53	-13	PASS
Band4	20	20175	100	#0	QAM16	7615.90	-41.99	-13	PASS
Band4	20	20300	1	#0	QPSK	3472.30	-41.70	-13	PASS
Band4	20	20300	100	#0	QPSK	7983.10	-42.87	-13	PASS
Band4	20	20300	1	#0	QAM16	0.01	-40.12	-13	PASS
Band4	20	20300	100	#0	QAM16	0.01	-38.69	-13	PASS
Band5	1.4	20407	1	#0	QPSK	5949.10	-30.90	-13	PASS
Band5	1.4	20407	6	#0	QPSK	5846.50	-31.01	-13	PASS
Band5	1.4	20407	1	#0	QAM16	7659.10	-30.83	-13	PASS
Band5	1.4	20407	6	#0	QAM16	7177.60	-30.90	-13	PASS
Band5	1.4	20525	1	#0	QPSK	6085.90	-30.80	-13	PASS
Band5	1.4	20525	6	#0	QPSK	7212.70	-30.23	-13	PASS
Band5	1.4	20525	1	#0	QAM16	7134.40	-30.74	-13	PASS
Band5	1.4	20525	6	#0	QAM16	6670.00	-30.49	-13	PASS
Band5	1.4	20643	1	#0	QPSK	2868.40	-30.71	-13	PASS
Band5	1.4	20643	6	#0	QPSK	3278.80	-31.12	-13	PASS
Band5	1.4	20643	1	#0	QAM16	6131.80	-30.48	-13	PASS
Band5	1.4	20643	6	#0	QAM16	0.01	-29.31	-13	PASS
Band5	3	20415	1	#0	QPSK	6648.40	-30.51	-13	PASS
Band5	3	20415	15	#0	QPSK	7559.20	-30.13	-13	PASS
Band5	3	20415	1	#0	QAM16	7570.90	-30.43	-13	PASS
Band5	3	20415	15	#0	QAM16	0.01	-30.95	-13	PASS

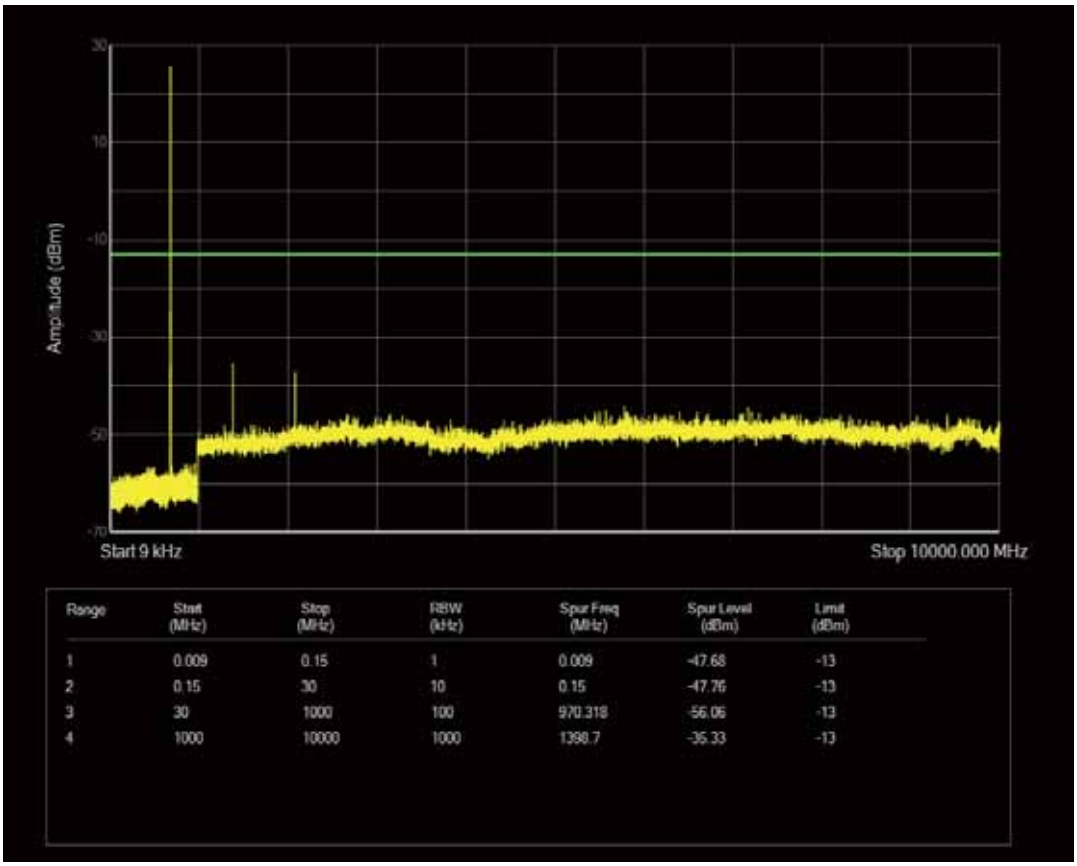
Band5	3	20525	1	#0	QPSK	7176.70	-30.21	-13	PASS
Band5	3	20525	15	#0	QPSK	0.01	-30.71	-13	PASS
Band5	3	20525	1	#0	QAM16	9573.40	-31.10	-13	PASS
Band5	3	20525	15	#0	QAM16	9519.40	-30.88	-13	PASS
Band5	3	20635	1	#0	QPSK	5749.30	-31.19	-13	PASS
Band5	3	20635	15	#0	QPSK	6300.10	-31.05	-13	PASS
Band5	3	20635	1	#0	QAM16	8158.60	-30.24	-13	PASS
Band5	3	20635	15	#0	QAM16	3264.40	-31.20	-13	PASS
Band5	5	20425	1	#0	QPSK	7104.70	-30.89	-13	PASS
Band5	5	20425	25	#0	QPSK	0.01	-31.10	-13	PASS
Band5	5	20425	1	#0	QAM16	7098.40	-30.68	-13	PASS
Band5	5	20425	25	#0	QAM16	7536.70	-31.19	-13	PASS
Band5	5	20525	1	#0	QPSK	6986.80	-30.74	-13	PASS
Band5	5	20525	25	#0	QPSK	7678.90	-29.55	-13	PASS
Band5	5	20525	1	#0	QAM16	2662.30	-31.21	-13	PASS
Band5	5	20525	25	#0	QAM16	9073.90	-30.58	-13	PASS
Band5	5	20625	1	#0	QPSK	7180.30	-31.23	-13	PASS
Band5	5	20625	25	#0	QPSK	5363.20	-31.04	-13	PASS
Band5	5	20625	1	#0	QAM16	6194.80	-30.27	-13	PASS
Band5	5	20625	25	#0	QAM16	0.01	-28.98	-13	PASS
Band5	10	20450	1	#0	QPSK	7532.20	-31.00	-13	PASS
Band5	10	20450	50	#0	QPSK	6705.10	-29.99	-13	PASS
Band5	10	20450	1	#0	QAM16	5822.20	-30.66	-13	PASS
Band5	10	20450	50	#0	QAM16	7606.00	-30.06	-13	PASS
Band5	10	20525	1	#0	QPSK	3143.80	-31.19	-13	PASS
Band5	10	20525	50	#0	QPSK	6044.50	-30.39	-13	PASS
Band5	10	20525	1	#0	QAM16	8015.50	-31.20	-13	PASS
Band5	10	20525	50	#0	QAM16	5849.20	-30.98	-13	PASS
Band5	10	20600	1	#0	QPSK	6567.40	-31.53	-13	PASS
Band5	10	20600	50	#0	QPSK	3313.00	-30.72	-13	PASS
Band5	10	20600	1	#0	QAM16	5795.20	-30.45	-13	PASS
Band5	10	20600	50	#0	QAM16	7672.60	-30.27	-13	PASS
Band66	1.4	131979	1	#0	QPSK	3421.00	-41.43	-13	PASS
Band66	1.4	131979	6	#0	QPSK	7699.60	-42.50	-13	PASS
Band66	1.4	131979	1	#0	QAM16	0.01	-42.70	-13	PASS
Band66	1.4	131979	6	#0	QAM16	6878.80	-42.61	-13	PASS
Band66	1.4	132322	1	#0	QPSK	3488.50	-41.81	-13	PASS
Band66	1.4	132322	6	#0	QPSK	5908.60	-42.50	-13	PASS
Band66	1.4	132322	1	#0	QAM16	0.01	-42.10	-13	PASS
Band66	1.4	132322	6	#0	QAM16	3490.30	-42.87	-13	PASS
Band66	1.4	132665	1	#0	QPSK	0.01	-42.55	-13	PASS
Band66	1.4	132665	6	#0	QPSK	1785.70	-40.60	-13	PASS
Band66	1.4	132665	1	#0	QAM16	7590.70	-43.13	-13	PASS
Band66	1.4	132665	6	#0	QAM16	0.01	-42.59	-13	PASS

Band66	3	131987	1	#0	QPSK	3421.00	-40.71	-13	PASS
Band66	3	131987	15	#0	QPSK	0.01	-42.78	-13	PASS
Band66	3	131987	1	#0	QAM16	5862.70	-42.89	-13	PASS
Band66	3	131987	15	#0	QAM16	0.01	-42.65	-13	PASS
Band66	3	132322	1	#0	QPSK	3487.60	-40.65	-13	PASS
Band66	3	132322	15	#0	QPSK	0.01	-40.78	-13	PASS
Band66	3	132322	1	#0	QAM16	3487.60	-41.89	-13	PASS
Band66	3	132322	15	#0	QAM16	7522.30	-42.86	-13	PASS
Band66	3	132657	1	#0	QPSK	3554.20	-42.39	-13	PASS
Band66	3	132657	15	#0	QPSK	0.01	-41.65	-13	PASS
Band66	3	132657	1	#0	QAM16	7602.40	-42.94	-13	PASS
Band66	3	132657	15	#0	QAM16	3169.00	-42.68	-13	PASS
Band66	5	131997	1	#0	QPSK	3420.10	-42.29	-13	PASS
Band66	5	131997	25	#0	QPSK	0.01	-42.66	-13	PASS
Band66	5	131997	1	#0	QAM16	0.01	-42.19	-13	PASS
Band66	5	131997	25	#0	QAM16	6229.00	-43.15	-13	PASS
Band66	5	132322	1	#0	QPSK	3485.80	-41.95	-13	PASS
Band66	5	132322	25	#0	QPSK	9757.00	-43.52	-13	PASS
Band66	5	132322	1	#0	QAM16	3485.80	-40.19	-13	PASS
Band66	5	132322	25	#0	QAM16	5750.20	-43.62	-13	PASS
Band66	5	132647	1	#0	QPSK	3550.60	-41.71	-13	PASS
Band66	5	132647	25	#0	QPSK	7723.00	-43.06	-13	PASS
Band66	5	132647	1	#0	QAM16	0.01	-42.73	-13	PASS
Band66	5	132647	25	#0	QAM16	5497.30	-42.76	-13	PASS
Band66	10	132022	1	#0	QPSK	3421.00	-40.46	-13	PASS
Band66	10	132022	50	#0	QPSK	8161.30	-43.26	-13	PASS
Band66	10	132022	1	#0	QAM16	3421.90	-42.64	-13	PASS
Band66	10	132022	50	#0	QAM16	8176.60	-43.03	-13	PASS
Band66	10	132322	1	#0	QPSK	3481.30	-40.13	-13	PASS
Band66	10	132322	50	#0	QPSK	6026.50	-42.56	-13	PASS
Band66	10	132322	1	#0	QAM16	3481.30	-40.40	-13	PASS
Band66	10	132322	50	#0	QAM16	7606.90	-42.65	-13	PASS
Band66	10	132622	1	#0	QPSK	7039.90	-43.22	-13	PASS
Band66	10	132622	50	#0	QPSK	7696.00	-42.78	-13	PASS
Band66	10	132622	1	#0	QAM16	9618.40	-42.88	-13	PASS
Band66	10	132622	50	#0	QAM16	7524.10	-43.18	-13	PASS
Band66	15	132047	1	#0	QPSK	3421.90	-40.75	-13	PASS
Band66	15	132047	75	#0	QPSK	6179.50	-42.88	-13	PASS
Band66	15	132047	1	#0	QAM16	3421.90	-41.45	-13	PASS
Band66	15	132047	75	#0	QAM16	9667.90	-43.62	-13	PASS
Band66	15	132322	1	#0	QPSK	3476.80	-41.35	-13	PASS
Band66	15	132322	75	#0	QPSK	6661.90	-42.14	-13	PASS
Band66	15	132322	1	#0	QAM16	3477.70	-41.79	-13	PASS
Band66	15	132322	75	#0	QAM16	7578.10	-42.98	-13	PASS

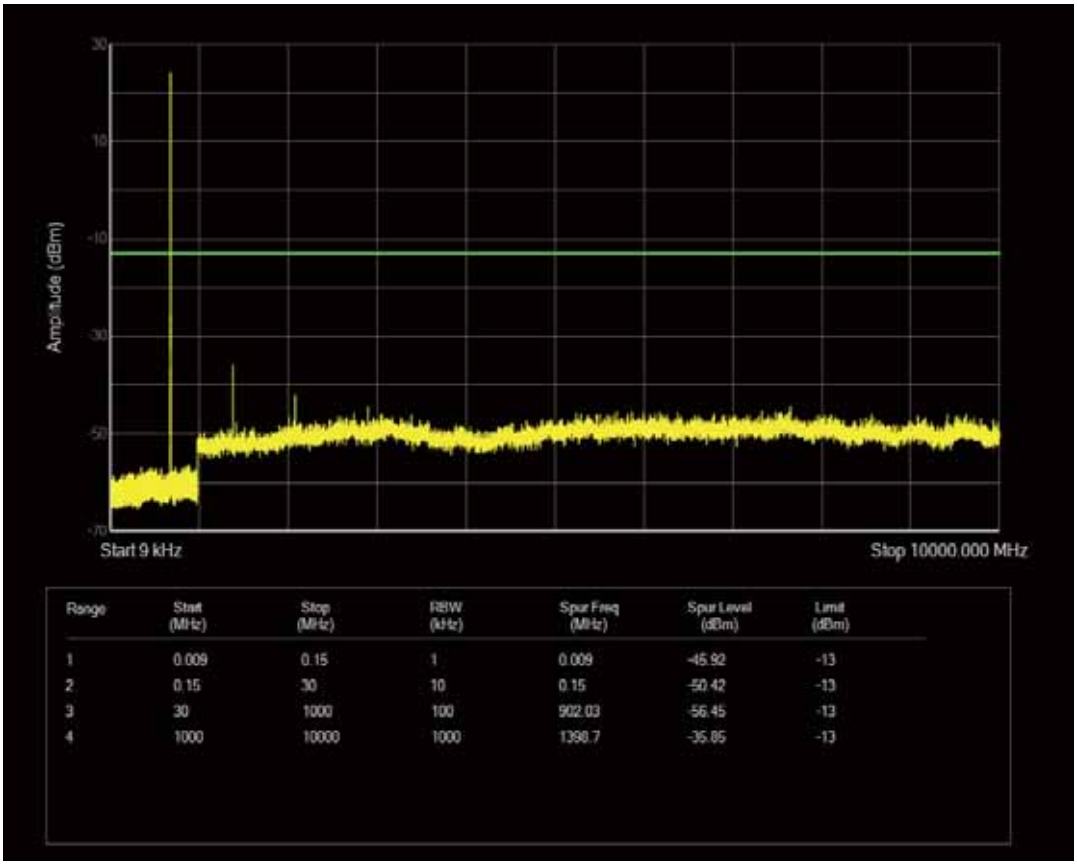
Band66	15	132597	1	#0	QPSK	3531.70	-41.93	-13	PASS
Band66	15	132597	75	#0	QPSK	4969.00	-43.20	-13	PASS
Band66	15	132597	1	#0	QAM16	0.01	-43.03	-13	PASS
Band66	15	132597	75	#0	QAM16	5753.80	-43.06	-13	PASS
Band66	20	132072	1	#0	QPSK	3422.80	-41.84	-13	PASS
Band66	20	132072	100	#0	QPSK	7573.60	-42.65	-13	PASS
Band66	20	132072	1	#0	QAM16	3422.80	-42.58	-13	PASS
Band66	20	132072	100	#0	QAM16	5860.90	-43.33	-13	PASS
Band66	20	132322	1	#0	QPSK	3472.30	-42.25	-13	PASS
Band66	20	132322	100	#0	QPSK	0.01	-43.12	-13	PASS
Band66	20	132322	1	#0	QAM16	3472.30	-40.20	-13	PASS
Band66	20	132322	100	#0	QAM16	5803.30	-43.20	-13	PASS
Band66	20	132572	1	#0	QPSK	0.01	-43.15	-13	PASS
Band66	20	132572	100	#0	QPSK	7583.50	-43.43	-13	PASS
Band66	20	132572	1	#0	QAM16	3521.80	-42.07	-13	PASS
Band66	20	132572	100	#0	QAM16	6364.00	-42.83	-13	PASS
Band71	5	133147	1	#0	QPSK	1990.00	-40.71	-13	PASS
Band71	5	133147	25	#0	QPSK	7569.10	-44.77	-13	PASS
Band71	5	133147	1	#0	QAM16	1990.00	-41.92	-13	PASS
Band71	5	133147	25	#0	QAM16	6289.30	-44.61	-13	PASS
Band71	5	133297	1	#0	QPSK	2035.00	-37.80	-13	PASS
Band71	5	133297	25	#0	QPSK	8369.20	-45.02	-13	PASS
Band71	5	133297	1	#0	QAM16	1356.40	-40.75	-13	PASS
Band71	5	133297	25	#0	QAM16	7417.90	-44.34	-13	PASS
Band71	5	133447	1	#0	QPSK	1387.00	-37.33	-13	PASS
Band71	5	133447	25	#0	QPSK	1390.60	-43.34	-13	PASS
Band71	5	133447	1	#0	QAM16	1387.00	-34.02	-13	PASS
Band71	5	133447	25	#0	QAM16	1394.20	-43.62	-13	PASS
Band71	10	133172	1	#0	QPSK	1990.90	-42.47	-13	PASS
Band71	10	133172	50	#0	QPSK	1336.60	-44.17	-13	PASS
Band71	10	133172	1	#0	QAM16	1990.90	-44.58	-13	PASS
Band71	10	133172	50	#0	QAM16	7613.20	-44.62	-13	PASS
Band71	10	133297	1	#0	QPSK	2028.70	-37.96	-13	PASS
Band71	10	133297	50	#0	QPSK	0.01	-44.03	-13	PASS
Band71	10	133297	1	#0	QAM16	1352.80	-36.96	-13	PASS
Band71	10	133297	50	#0	QAM16	7219.90	-44.09	-13	PASS
Band71	10	133422	1	#0	QPSK	1378.00	-36.29	-13	PASS
Band71	10	133422	50	#0	QPSK	5852.80	-44.51	-13	PASS
Band71	10	133422	1	#0	QAM16	1377.10	-37.86	-13	PASS
Band71	10	133422	50	#0	QAM16	5829.40	-45.14	-13	PASS
Band71	15	133197	1	#0	QPSK	1991.80	-44.04	-13	PASS
Band71	15	133197	75	#0	QPSK	7689.70	-44.55	-13	PASS
Band71	15	133197	1	#0	QAM16	1991.80	-44.82	-13	PASS
Band71	15	133197	75	#0	QAM16	1336.60	-45.06	-13	PASS

Band71	15	133297	1	#0	QPSK	1348.30	-37.15	-13	PASS
Band71	15	133297	75	#0	QPSK	7666.30	-44.98	-13	PASS
Band71	15	133297	1	#0	QAM16	1347.40	-36.31	-13	PASS
Band71	15	133297	75	#0	QAM16	7564.60	-44.10	-13	PASS
Band71	15	133397	1	#0	QPSK	1368.10	-39.88	-13	PASS
Band71	15	133397	75	#0	QPSK	7719.40	-44.23	-13	PASS
Band71	15	133397	1	#0	QAM16	1368.10	-36.32	-13	PASS
Band71	15	133397	75	#0	QAM16	7570.90	-44.12	-13	PASS
Band71	20	133222	1	#0	QPSK	6292.00	-43.77	-13	PASS
Band71	20	133222	100	#0	QPSK	8586.10	-44.64	-13	PASS
Band71	20	133222	1	#0	QAM16	1992.70	-41.76	-13	PASS
Band71	20	133222	100	#0	QAM16	5923.00	-45.21	-13	PASS
Band71	20	133322	1	#0	QPSK	1348.30	-36.88	-13	PASS
Band71	20	133322	100	#0	QPSK	7922.80	-44.75	-13	PASS
Band71	20	133322	1	#0	QAM16	1348.30	-37.69	-13	PASS
Band71	20	133322	100	#0	QAM16	5717.80	-45.11	-13	PASS
Band71	20	133372	1	#0	QPSK	1358.20	-36.96	-13	PASS
Band71	20	133372	100	#0	QPSK	7631.20	-44.13	-13	PASS
Band71	20	133372	1	#0	QAM16	1358.20	-38.94	-13	PASS
Band71	20	133372	100	#0	QAM16	7615.00	-44.03	-13	PASS

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

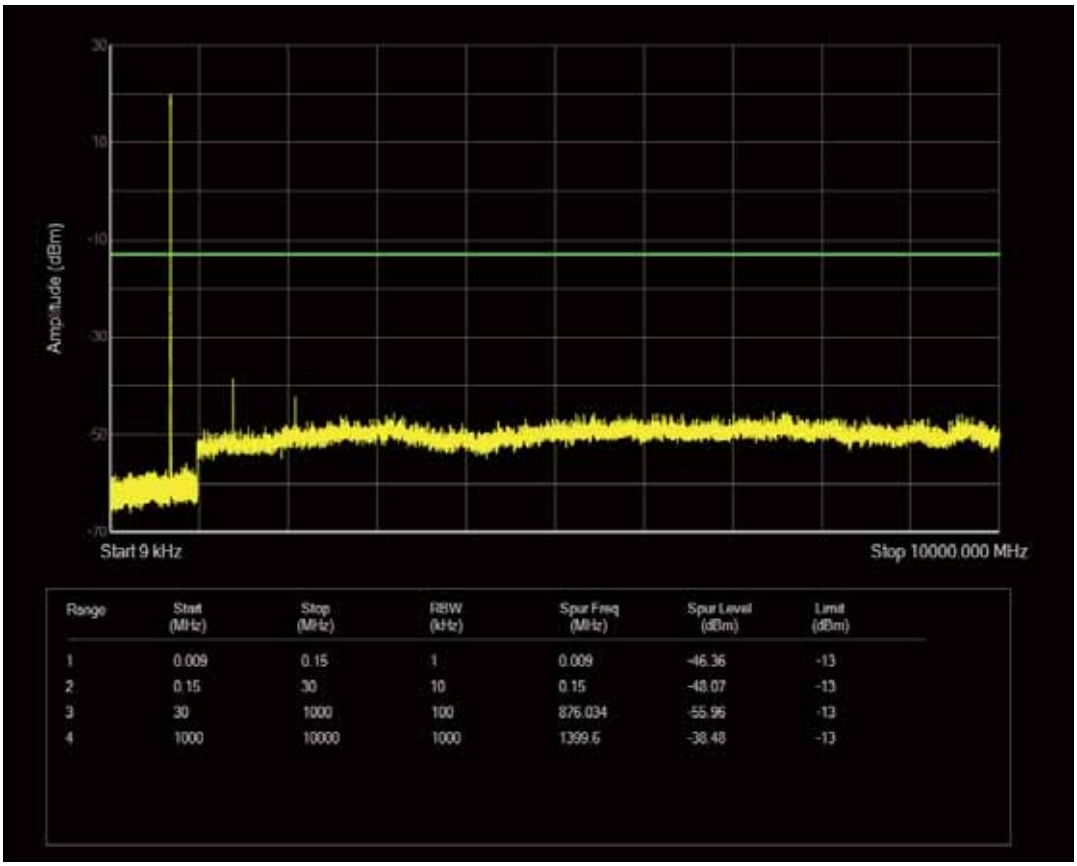


Band12 QAM16 BW=1.4MHz Channel=23017 RB Size=1 Position=#0



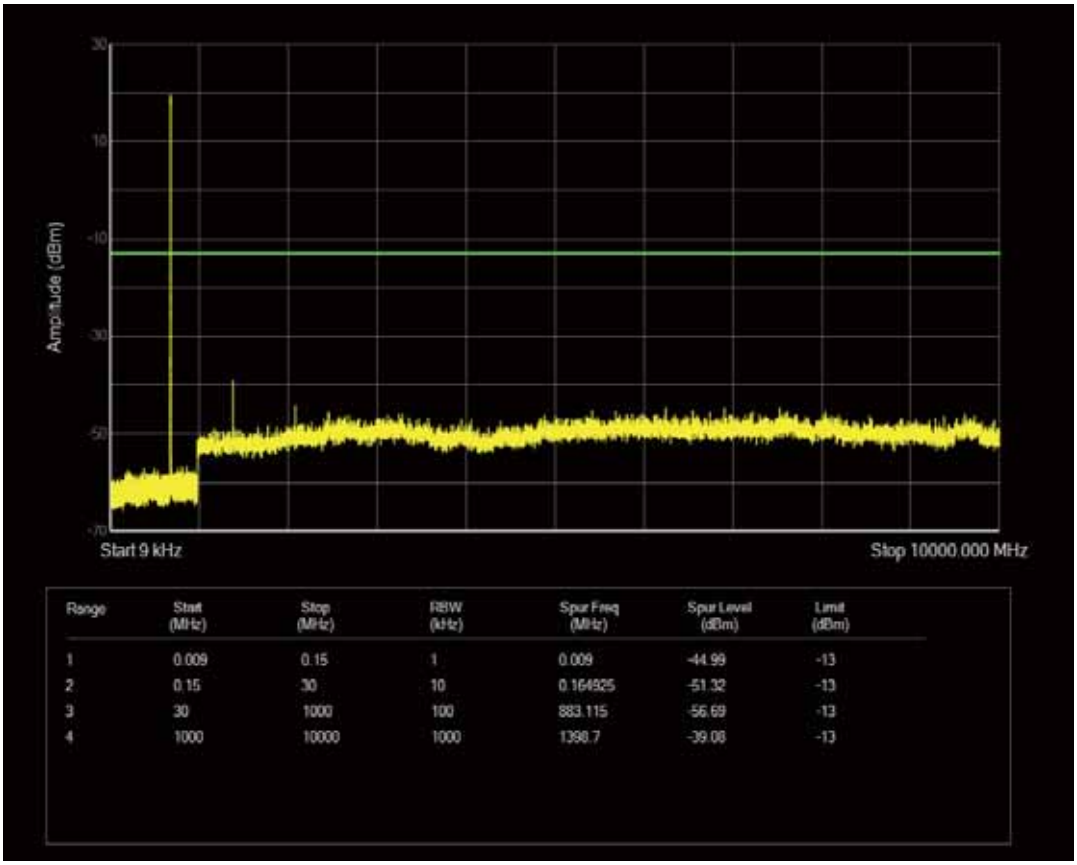
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.92	-13
2	0.15	30	10	0.15	-50.42	-13
3	30	1000	100	902.03	-56.45	-13
4	1000	10000	1000	1398.7	-35.85	-13

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



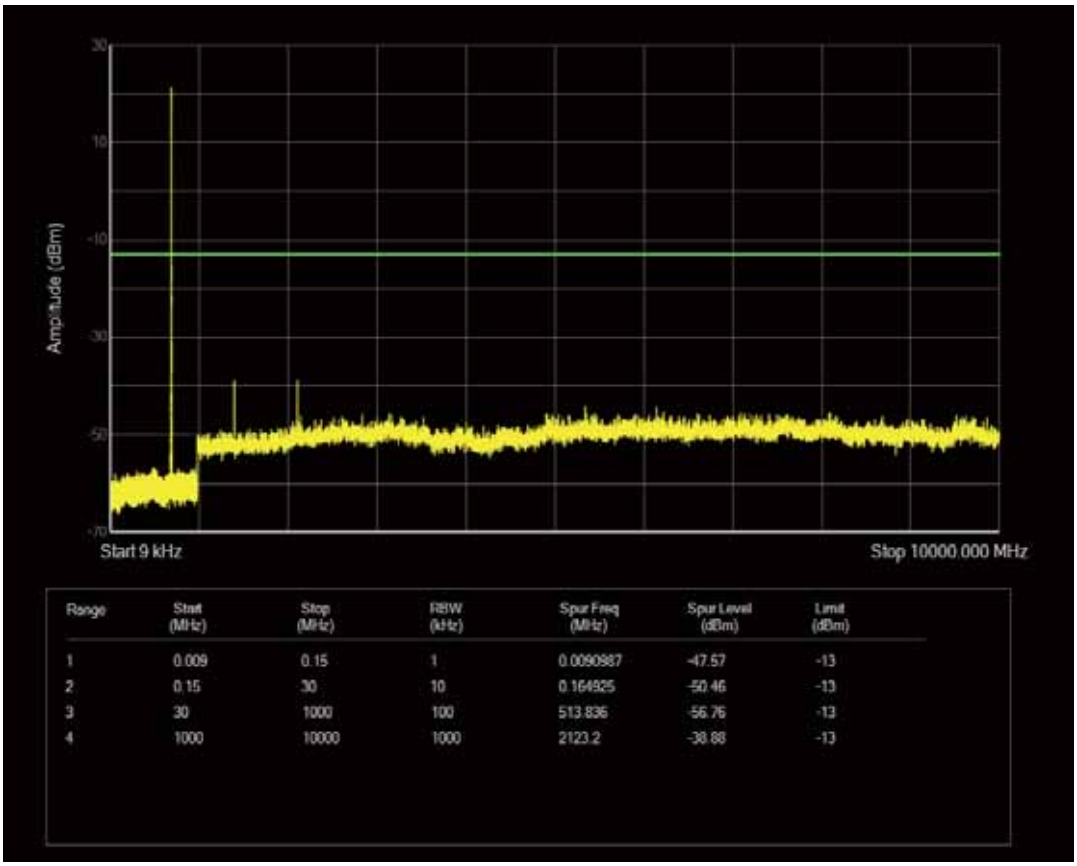
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-46.36	-13
2	0.15	30	10	0.15	-48.07	-13
3	30	1000	100	876.034	-55.96	-13
4	1000	10000	1000	1399.6	-38.48	-13

Band12 QAM16 BW=1.4MHz Channel=23017 RB Size=6 Position=#0



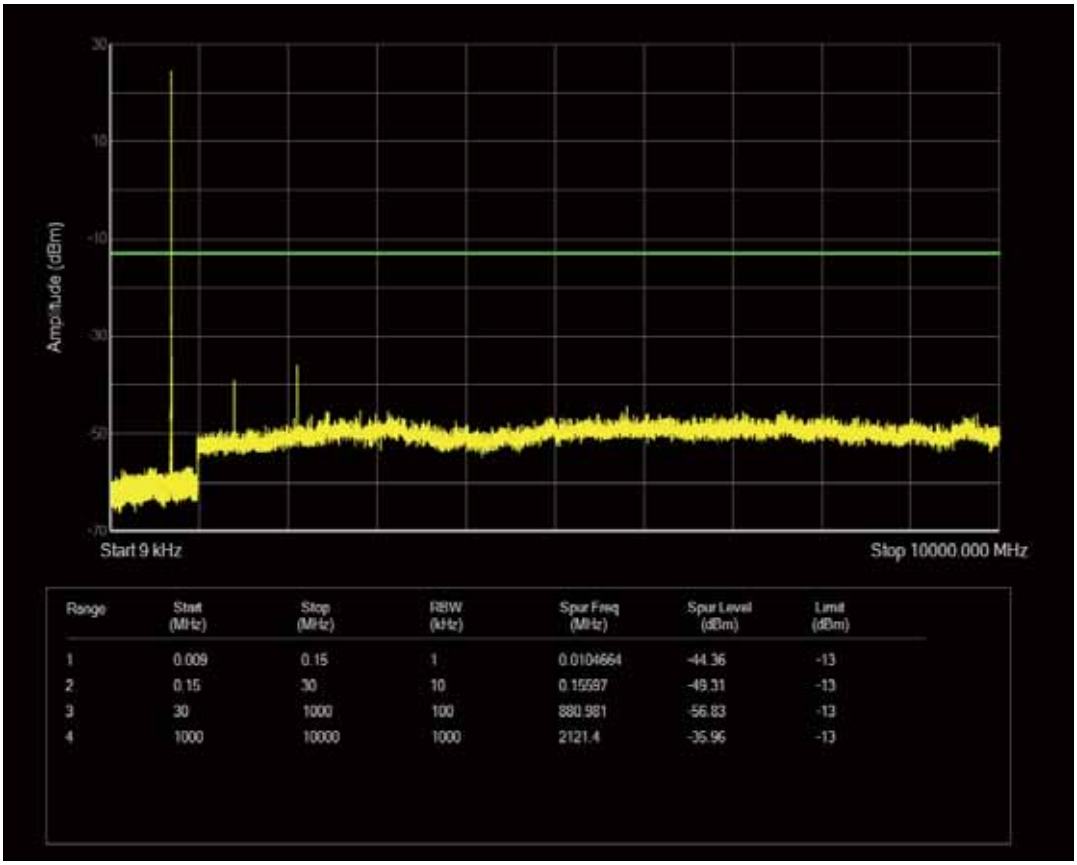
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-44.99	-13
2	0.15	30	10	0.164925	-51.32	-13
3	30	1000	100	883.115	-56.69	-13
4	1000	10000	1000	1398.7	-39.08	-13

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

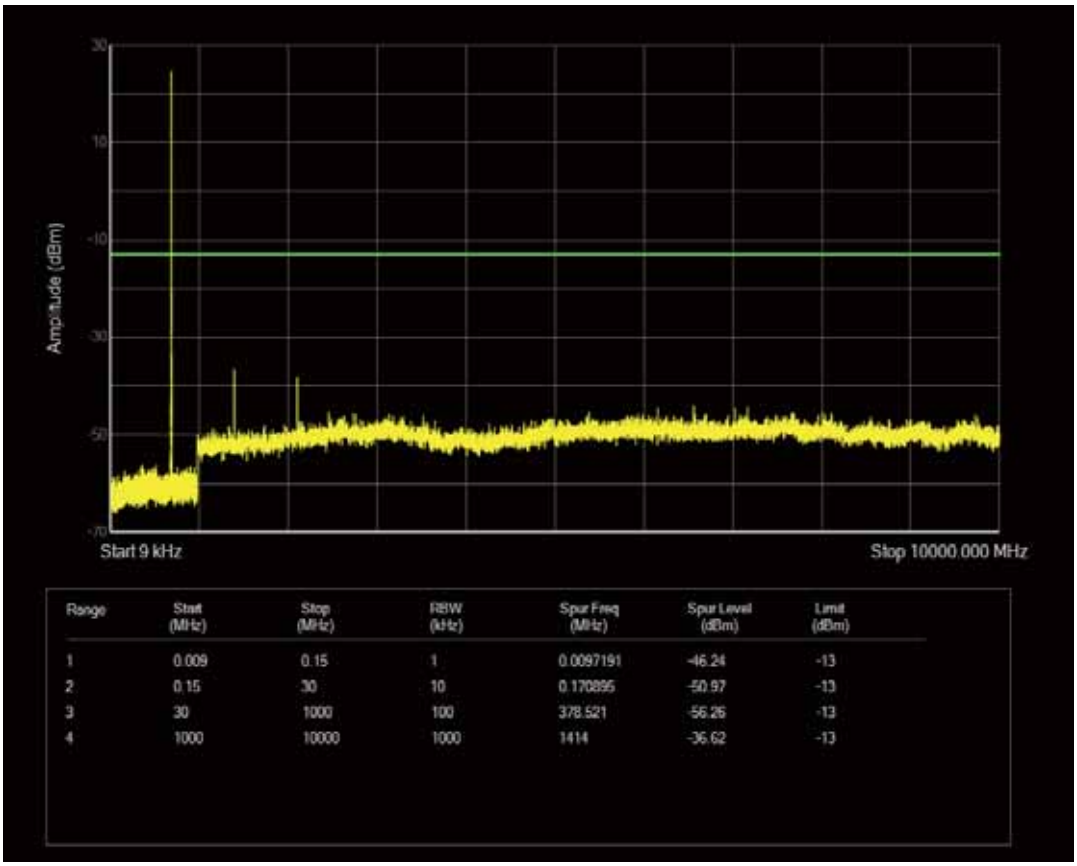


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0090987	-47.57	-13
2	0.15	30	10	0.164925	-50.46	-13
3	30	1000	100	513.836	-56.76	-13
4	1000	10000	1000	2123.2	-38.88	-13

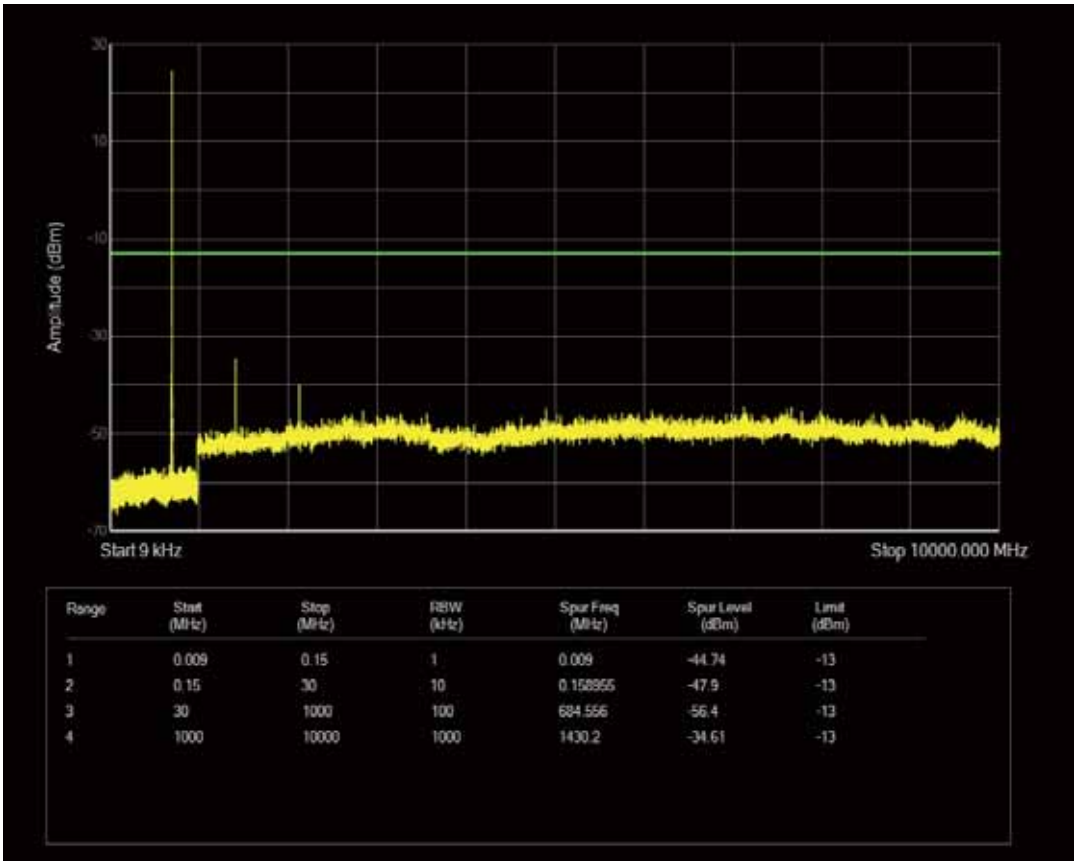
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0



Band12 QAM16 BW=1.4MHz Channel=23095 RB Size=1 Position=#0

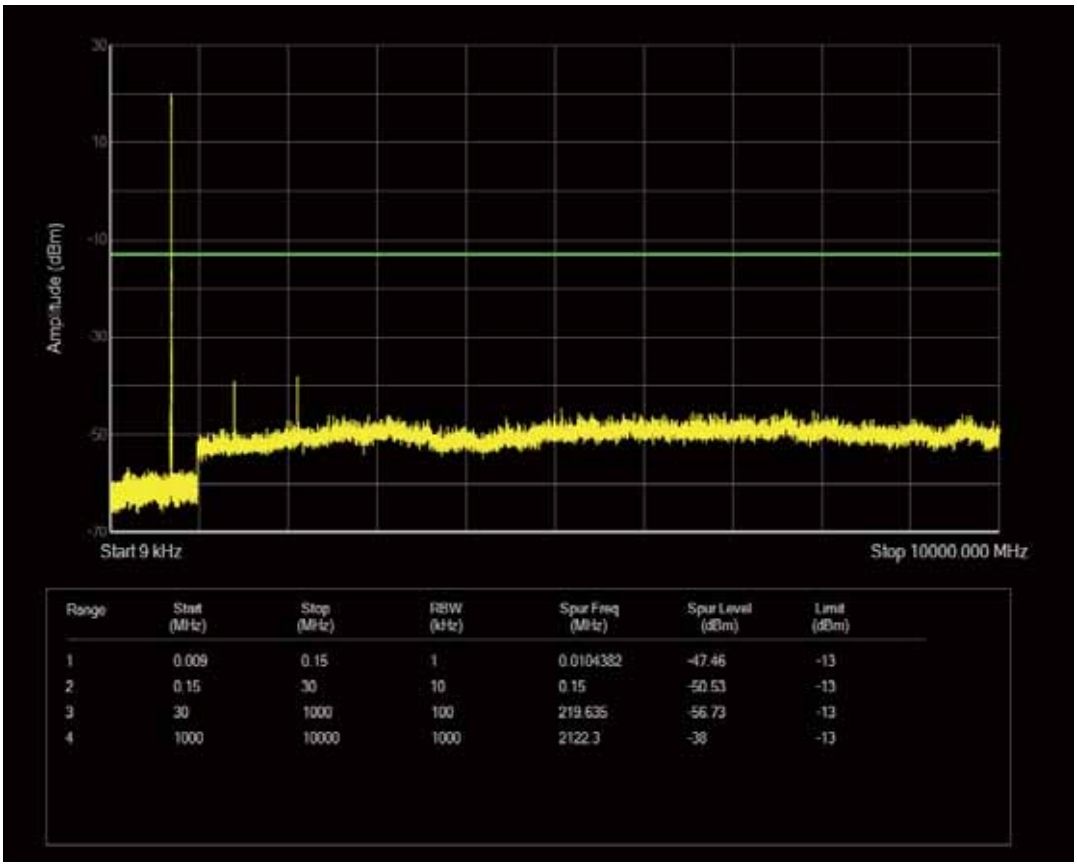


Band12 QPSK BW=1.4MHz Channel=23173 RB Size=1 Position=#0



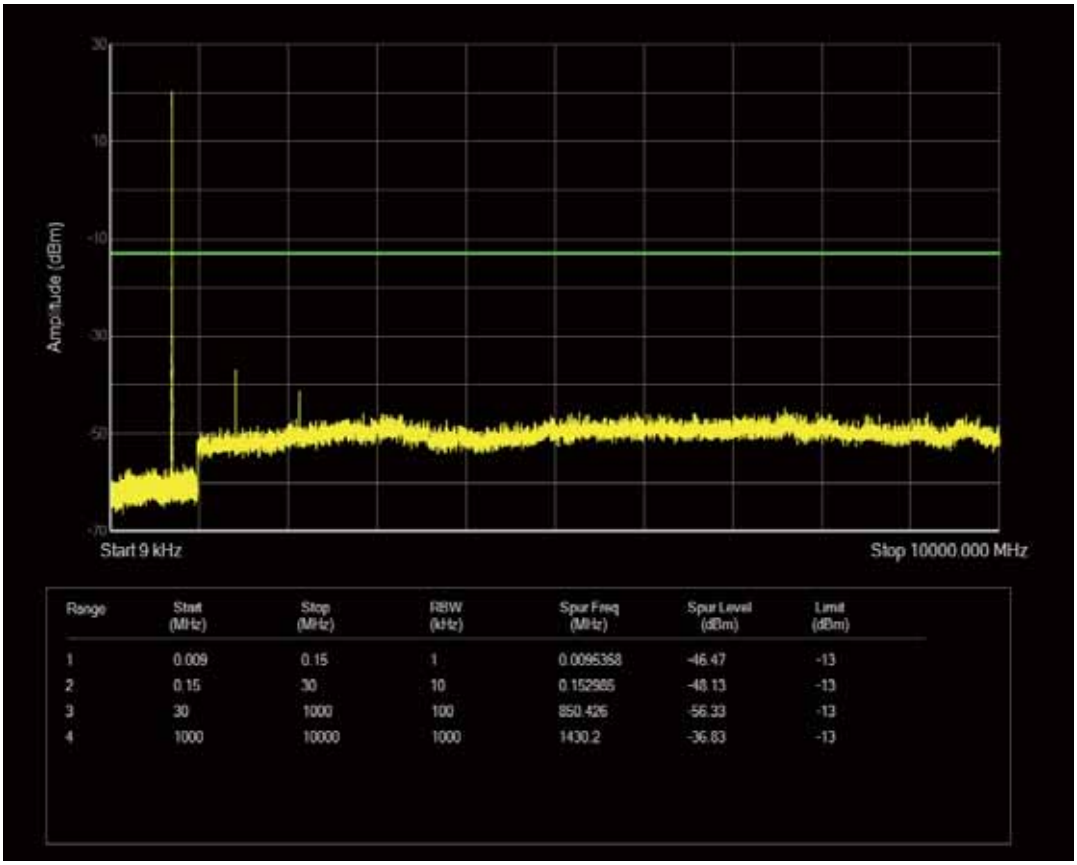
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-44.74	-13
2	0.15	30	10	0.158955	-47.9	-13
3	30	1000	100	684.556	-56.4	-13
4	1000	10000	1000	1430.2	-34.61	-13

Band12 QAM16 BW=1.4MHz Channel=23095 RB Size=6 Position=#0

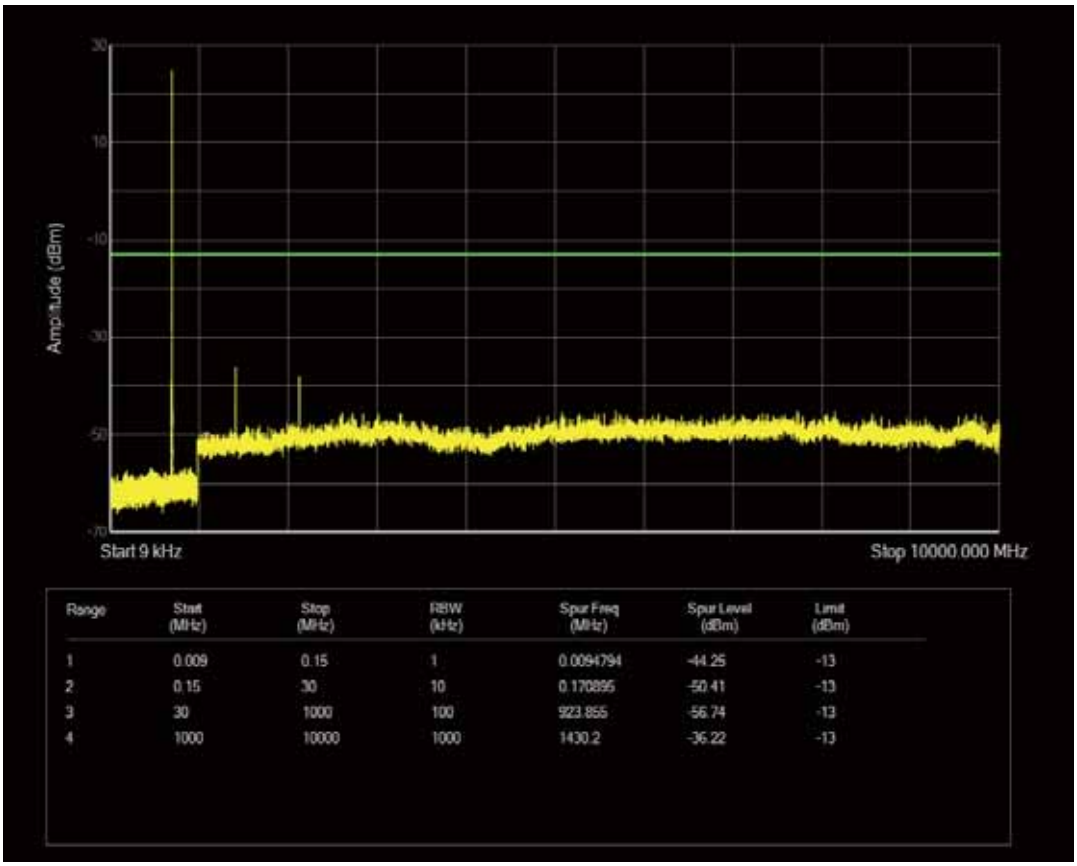


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0104382	-47.46	-13
2	0.15	30	10	0.15	-50.53	-13
3	30	1000	100	219.635	-56.73	-13
4	1000	10000	1000	2122.3	-38	-13

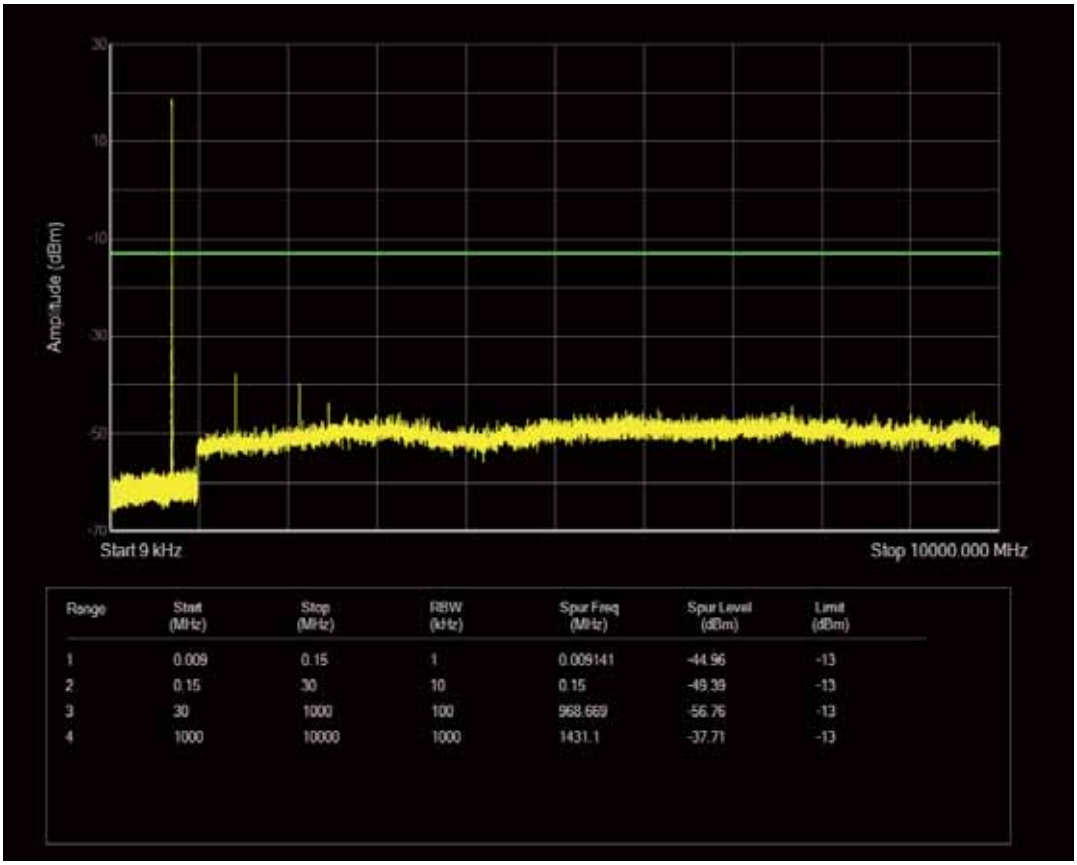
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



Band12 QAM16 BW=1.4MHz Channel=23173 RB Size=1 Position=#0

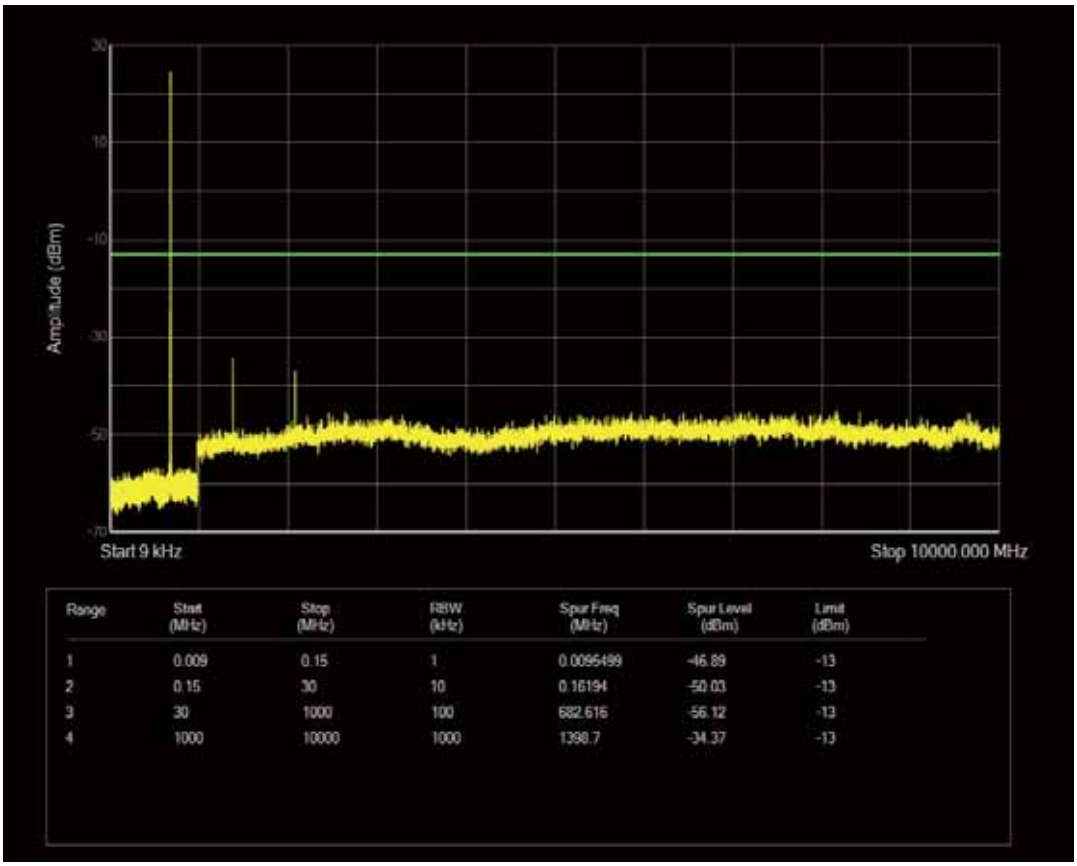


Band12 QAM16 BW=1.4MHz Channel=23173 RB Size=6 Position=#0



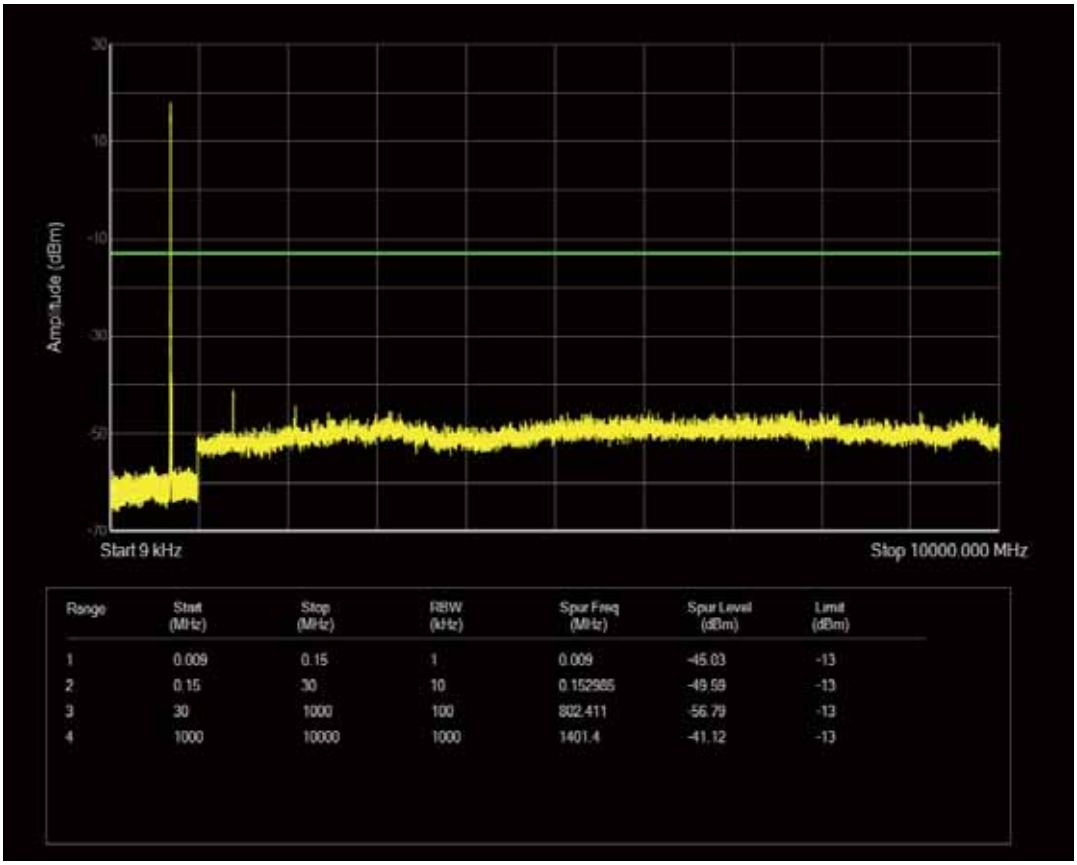
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009141	-44.96	-13
2	0.15	30	10	0.15	-49.39	-13
3	30	1000	100	968.669	-56.76	-13
4	1000	10000	1000	1431.1	-37.71	-13

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



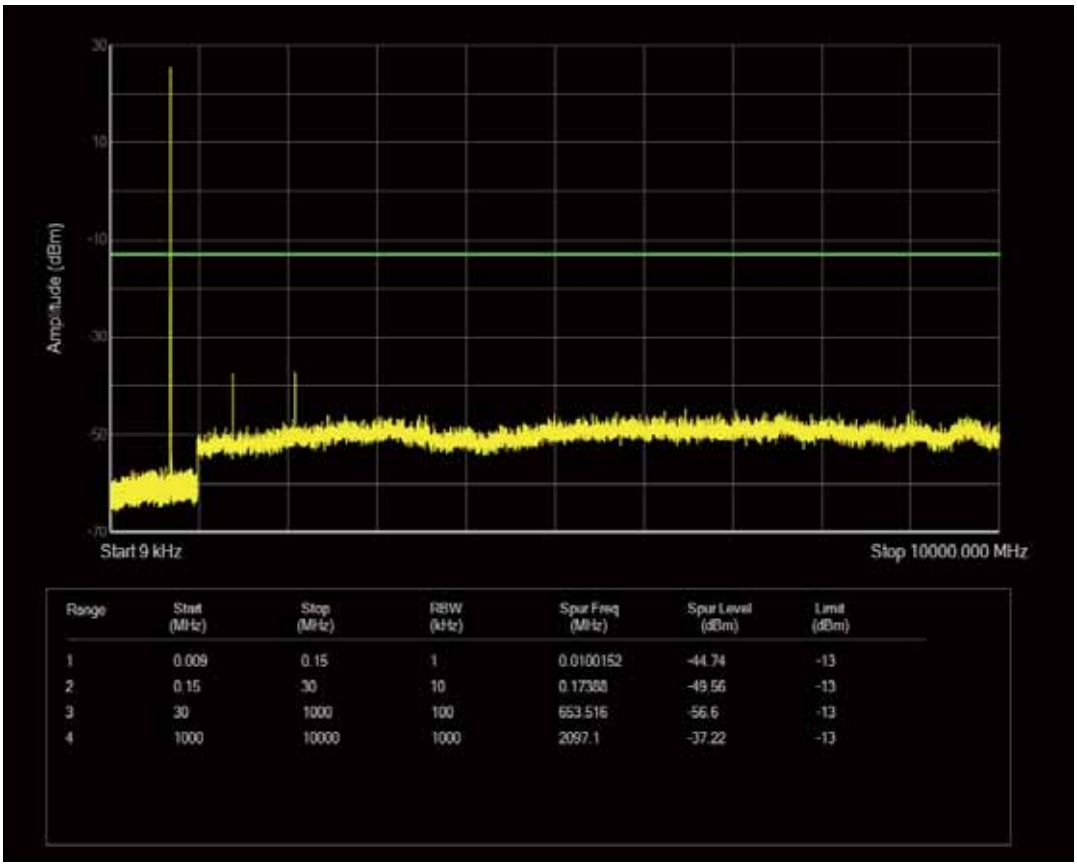
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0095499	-46.89	-13
2	0.15	30	10	0.16194	-50.03	-13
3	30	1000	100	682.616	-56.12	-13
4	1000	10000	1000	1398.7	-34.37	-13

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



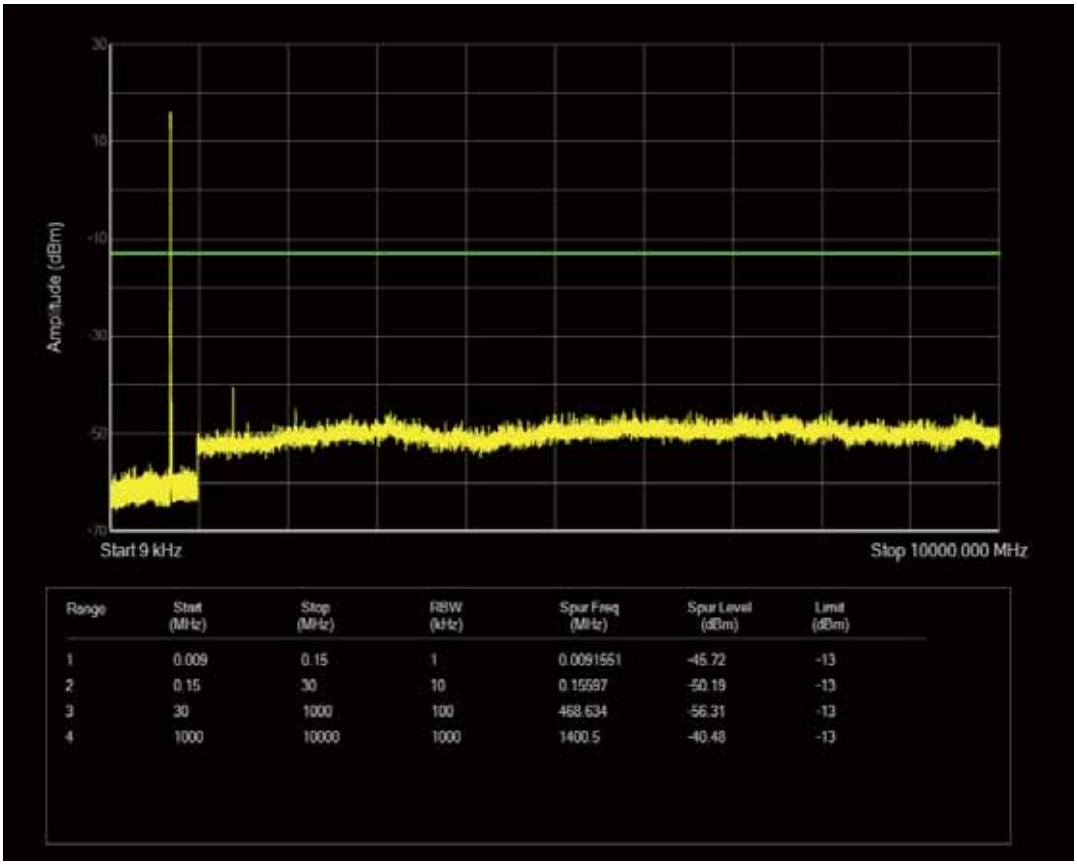
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.03	-13
2	0.15	30	10	0.152985	-49.59	-13
3	30	1000	100	802.411	-56.79	-13
4	1000	10000	1000	1401.4	-41.12	-13

Band12 QAM16 BW=3MHz Channel=23025 RB Size=1 Position=#0



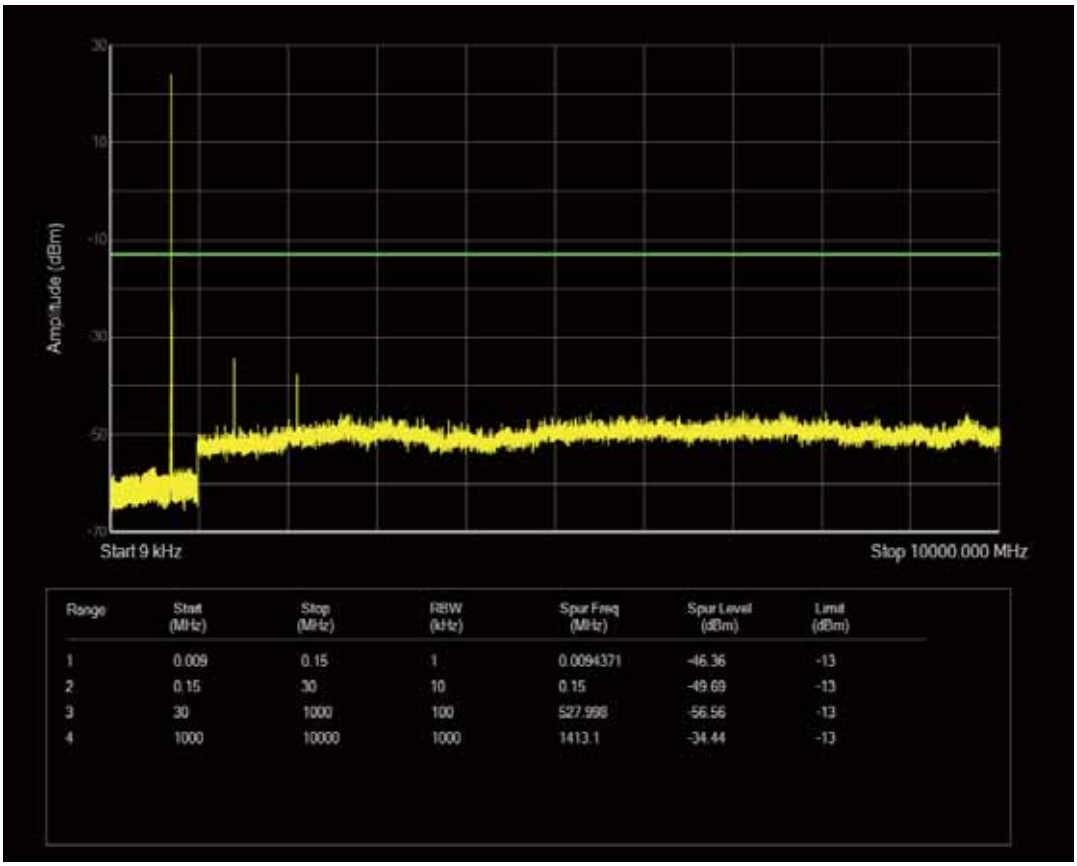
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0100152	-44.74	-13
2	0.15	30	10	0.17388	-49.56	-13
3	30	1000	100	653.516	-56.6	-13
4	1000	10000	1000	2097.1	-37.22	-13

Band12 QAM16 BW=3MHz Channel=23025 RB Size=15 Position=#0



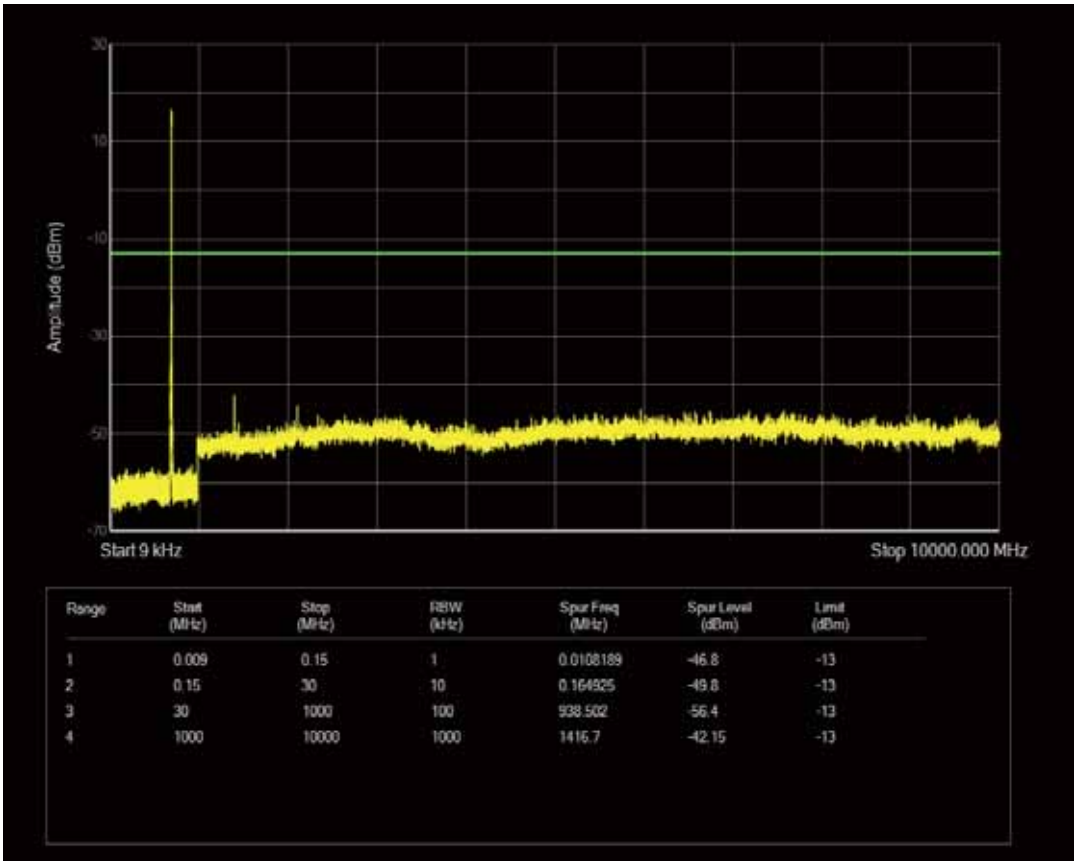
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0091551	-45.72	-13
2	0.15	30	10	0.15597	-50.19	-13
3	30	1000	100	468.634	-56.31	-13
4	1000	10000	1000	1400.5	-40.48	-13

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



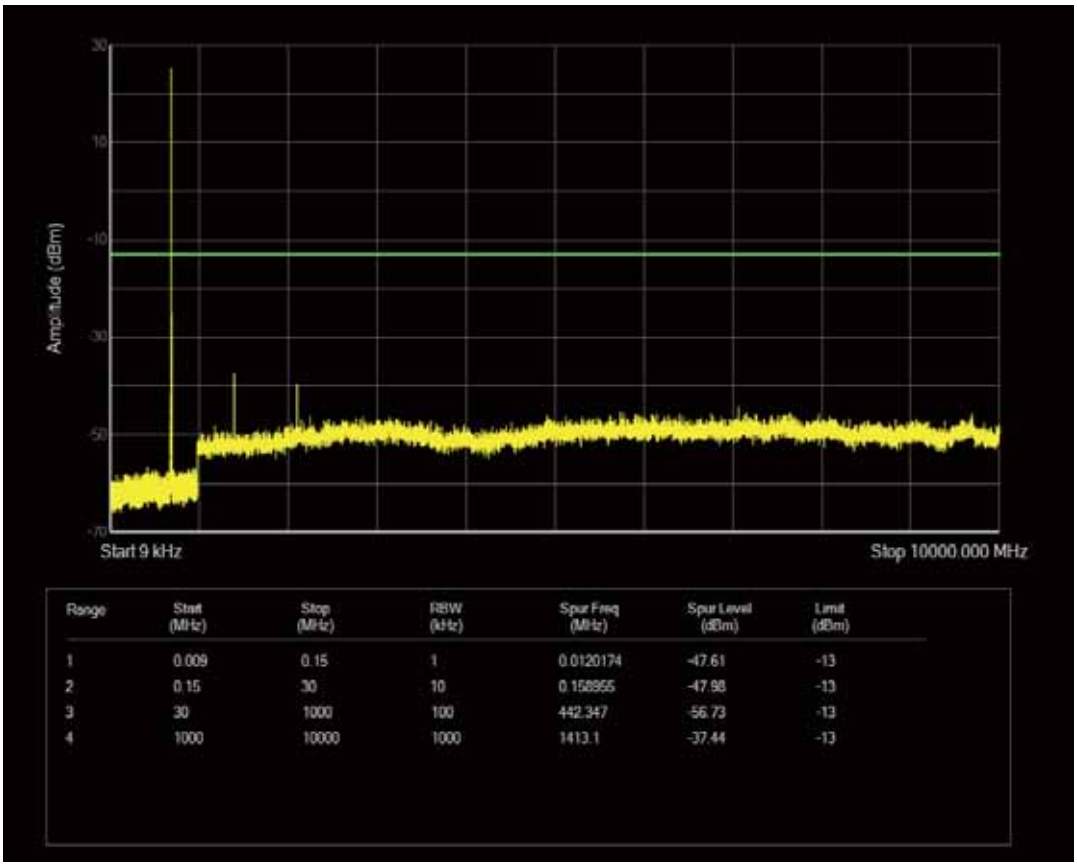
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0094371	-46.36	-13
2	0.15	30	10	0.15	-49.69	-13
3	30	1000	100	527.998	-56.56	-13
4	1000	10000	1000	1413.1	-34.44	-13

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



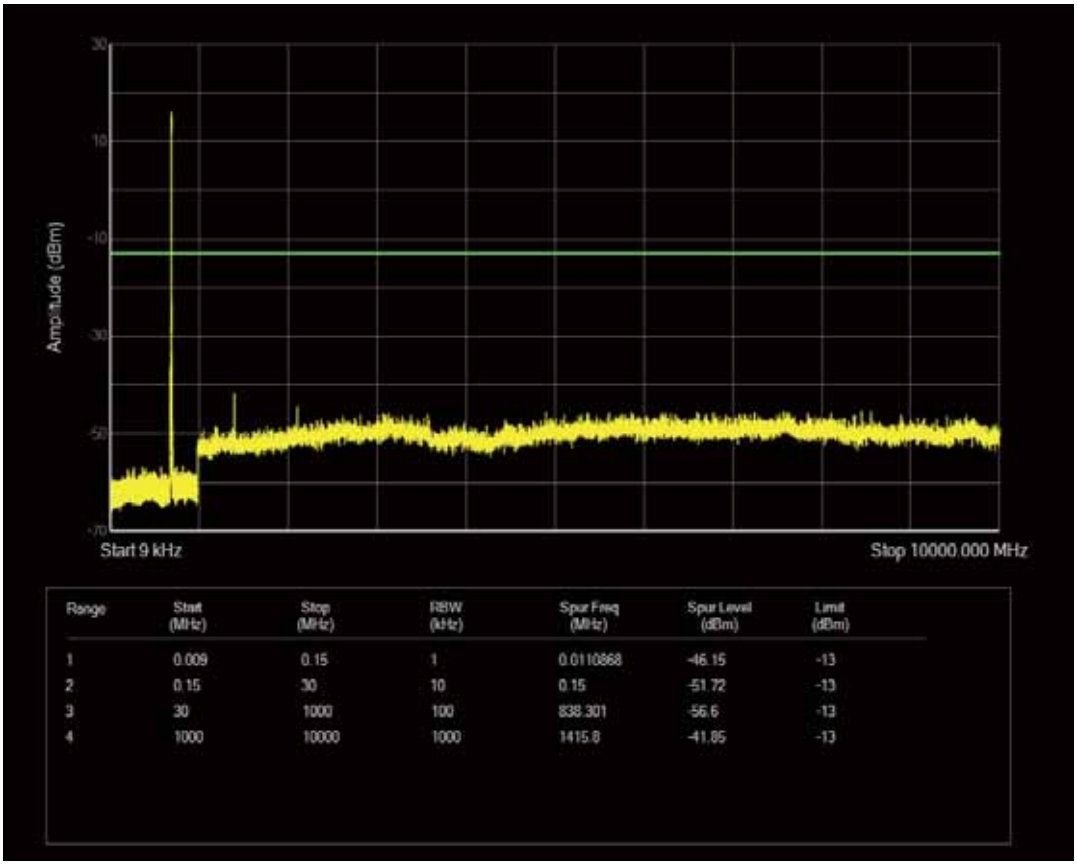
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0108189	-46.8	-13
2	0.15	30	10	0.164925	-49.8	-13
3	30	1000	100	938.502	-56.4	-13
4	1000	10000	1000	1416.7	-42.15	-13

Band12 QAM16 BW=3MHz Channel=23095 RB Size=1 Position=#0



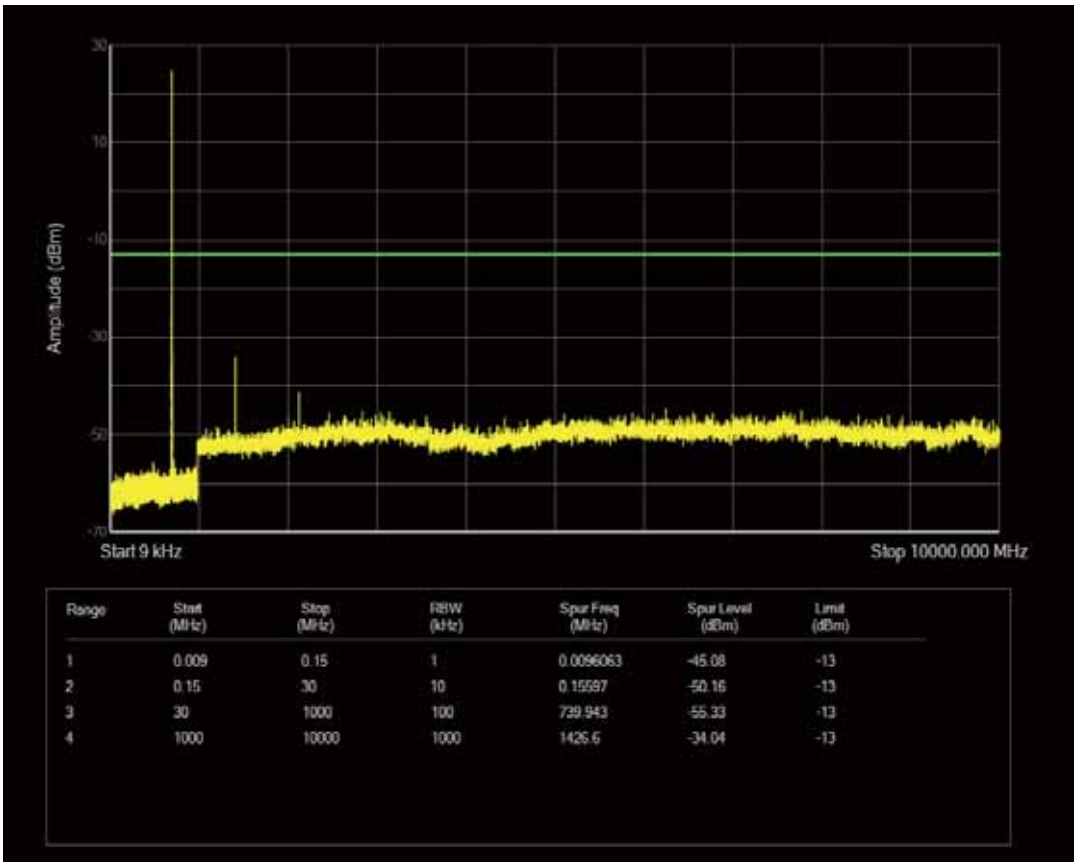
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0120174	-47.61	-13
2	0.15	30	10	0.158955	-47.98	-13
3	30	1000	100	442.347	-56.73	-13
4	1000	10000	1000	1413.1	-37.44	-13

Band12 QAM16 BW=3MHz Channel=23095 RB Size=15 Position=#0



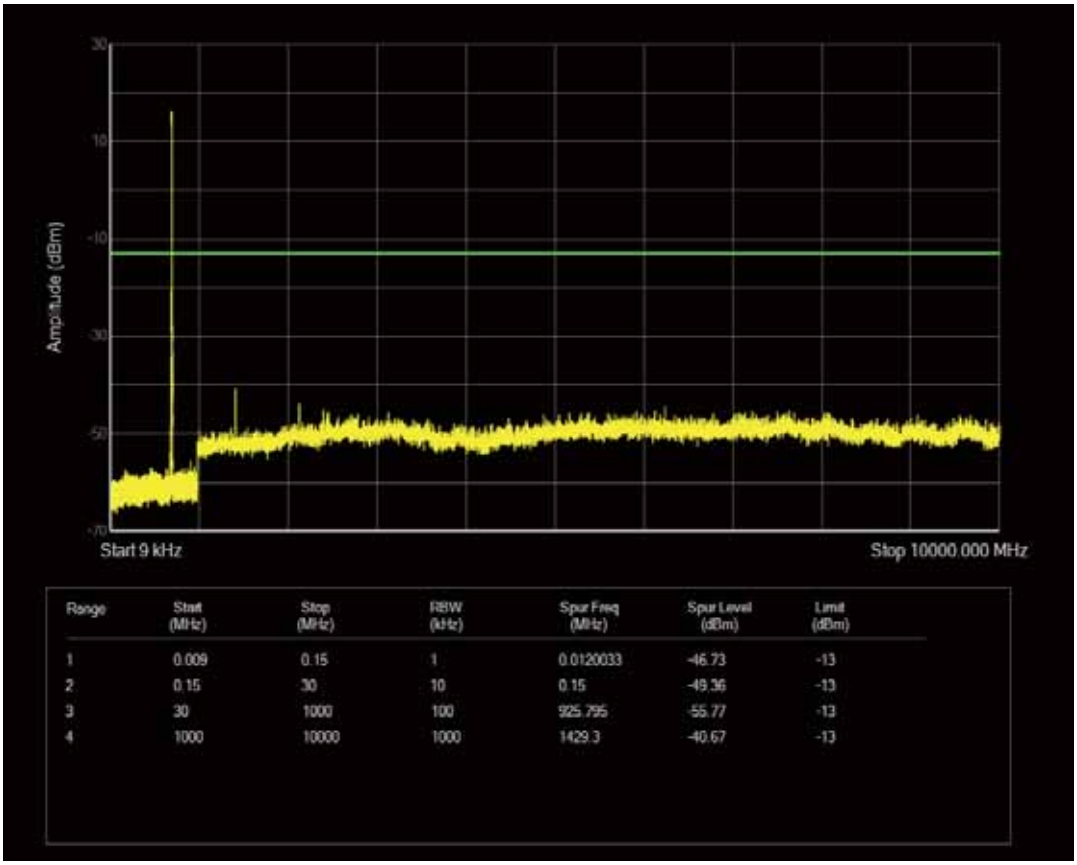
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0110868	-46.15	-13
2	0.15	30	10	0.15	-51.72	-13
3	30	1000	100	838.301	-56.6	-13
4	1000	10000	1000	1415.8	-41.85	-13

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



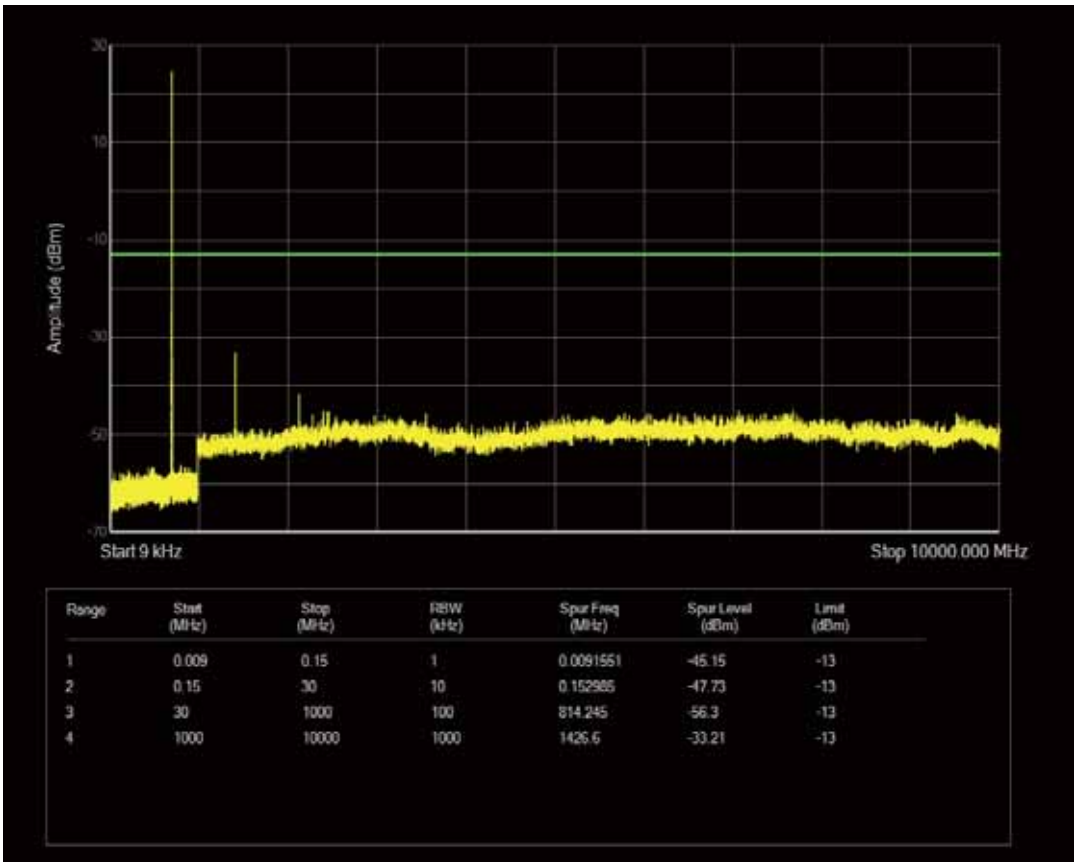
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0096063	-45.08	-13
2	0.15	30	10	0.15597	-50.16	-13
3	30	1000	100	739.943	-55.33	-13
4	1000	10000	1000	1426.6	-34.04	-13

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



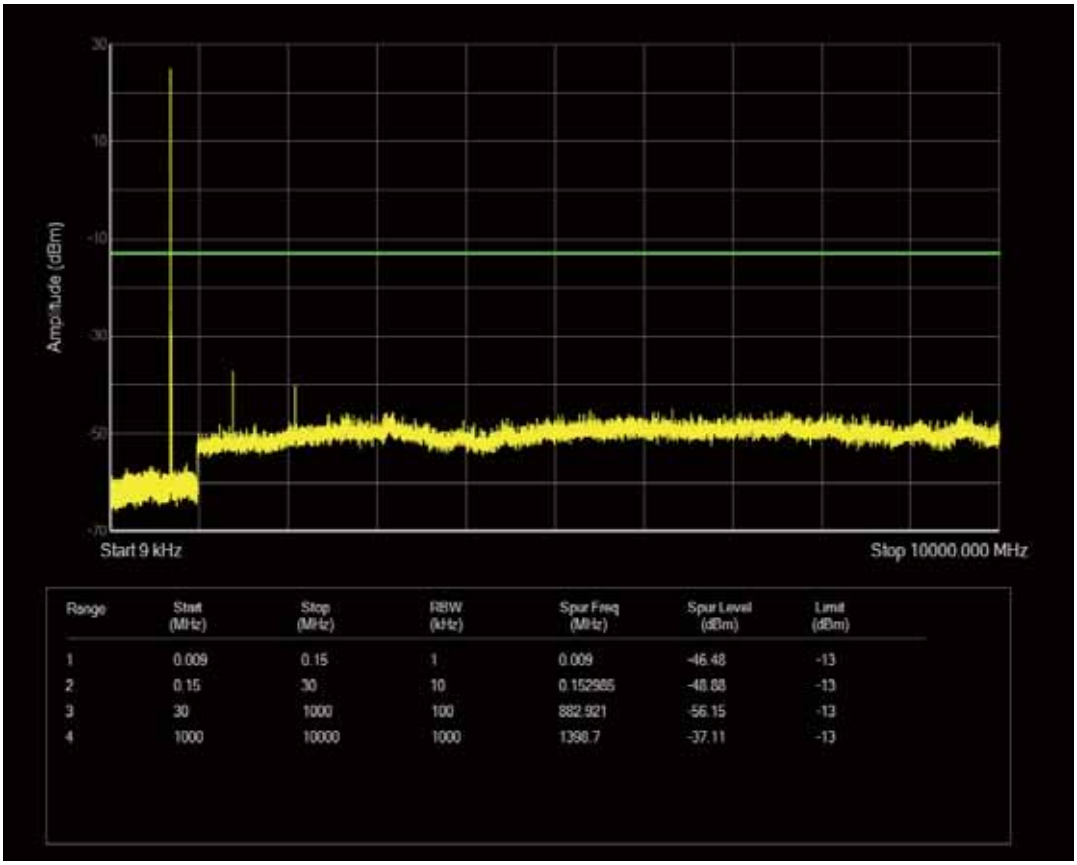
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0120033	-46.73	-13
2	0.15	30	10	0.15	-49.36	-13
3	30	1000	100	925.795	-55.77	-13
4	1000	10000	1000	1429.3	-40.67	-13

Band12 QAM16 BW=3MHz Channel=23165 RB Size=1 Position=#0



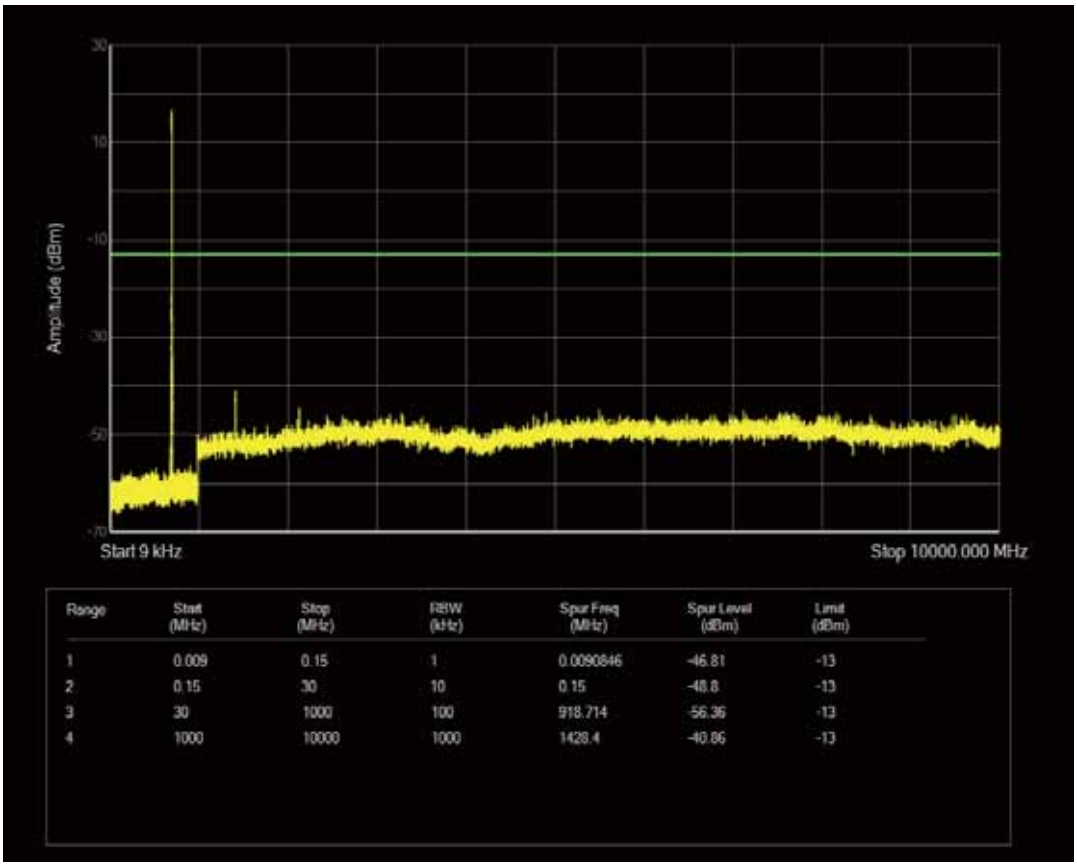
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0091551	-45.15	-13
2	0.15	30	10	0.152985	-47.73	-13
3	30	1000	100	814.245	-56.3	-13
4	1000	10000	1000	1426.6	-33.21	-13

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



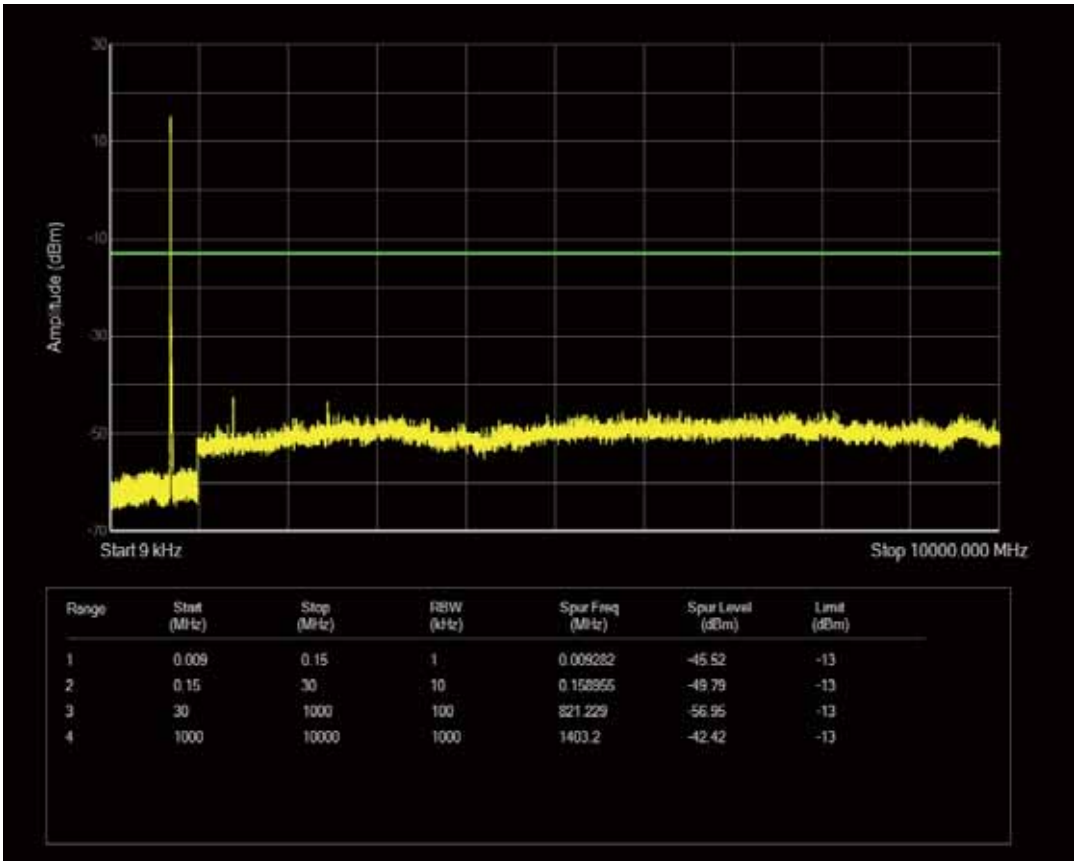
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-46.48	-13
2	0.15	30	10	0.152985	-48.88	-13
3	30	1000	100	882.921	-56.15	-13
4	1000	10000	1000	1398.7	-37.11	-13

Band12 QAM16 BW=3MHz Channel=23165 RB Size=15 Position=#0



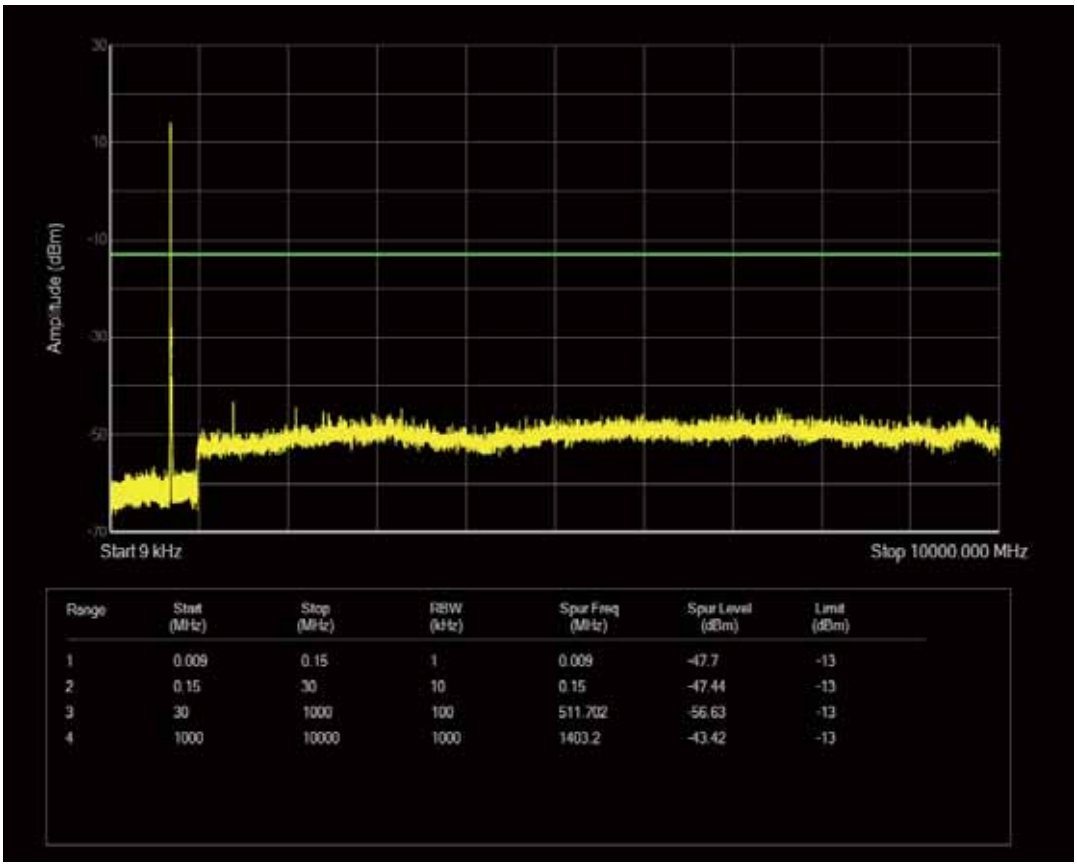
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0090846	-46.81	-13
2	0.15	30	10	0.15	-48.8	-13
3	30	1000	100	918.714	-56.36	-13
4	1000	10000	1000	1428.4	-40.86	-13

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



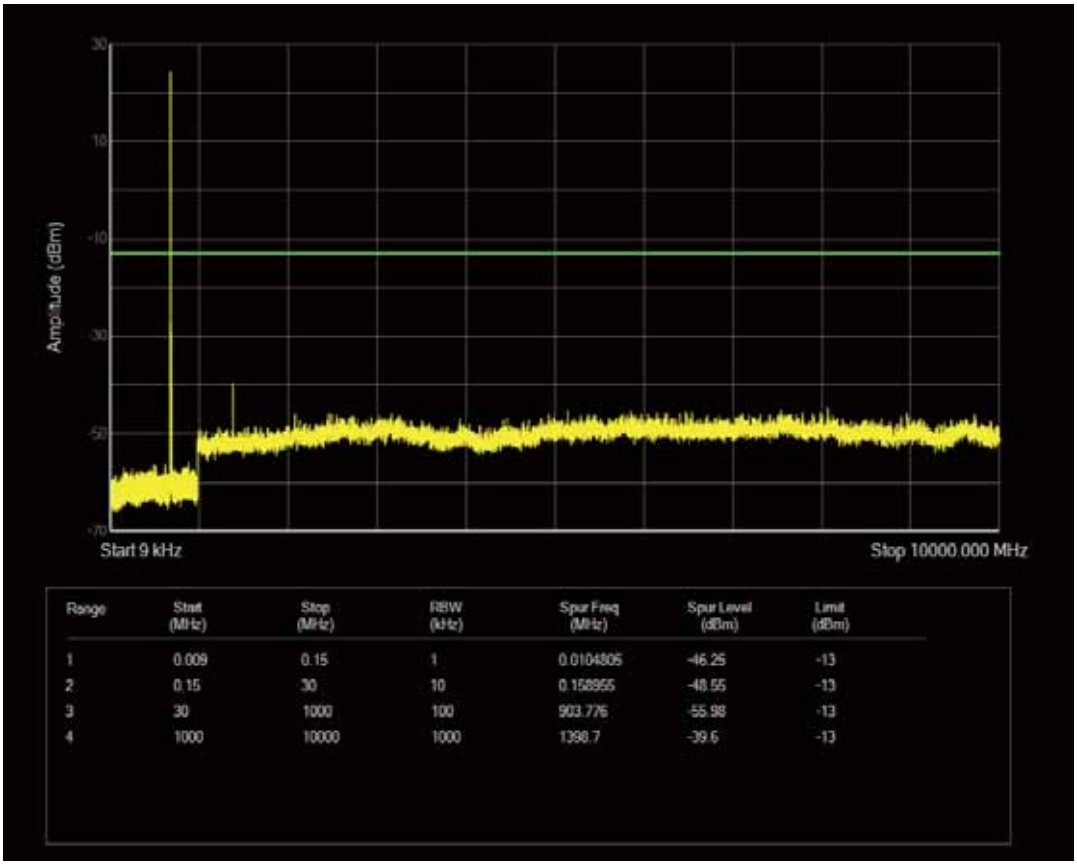
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009282	-45.52	-13
2	0.15	30	10	0.158955	-49.79	-13
3	30	1000	100	821.229	-56.95	-13
4	1000	10000	1000	1403.2	-42.42	-13

Band12 QAM16 BW=5MHz Channel=23035 RB Size=25 Position=#0



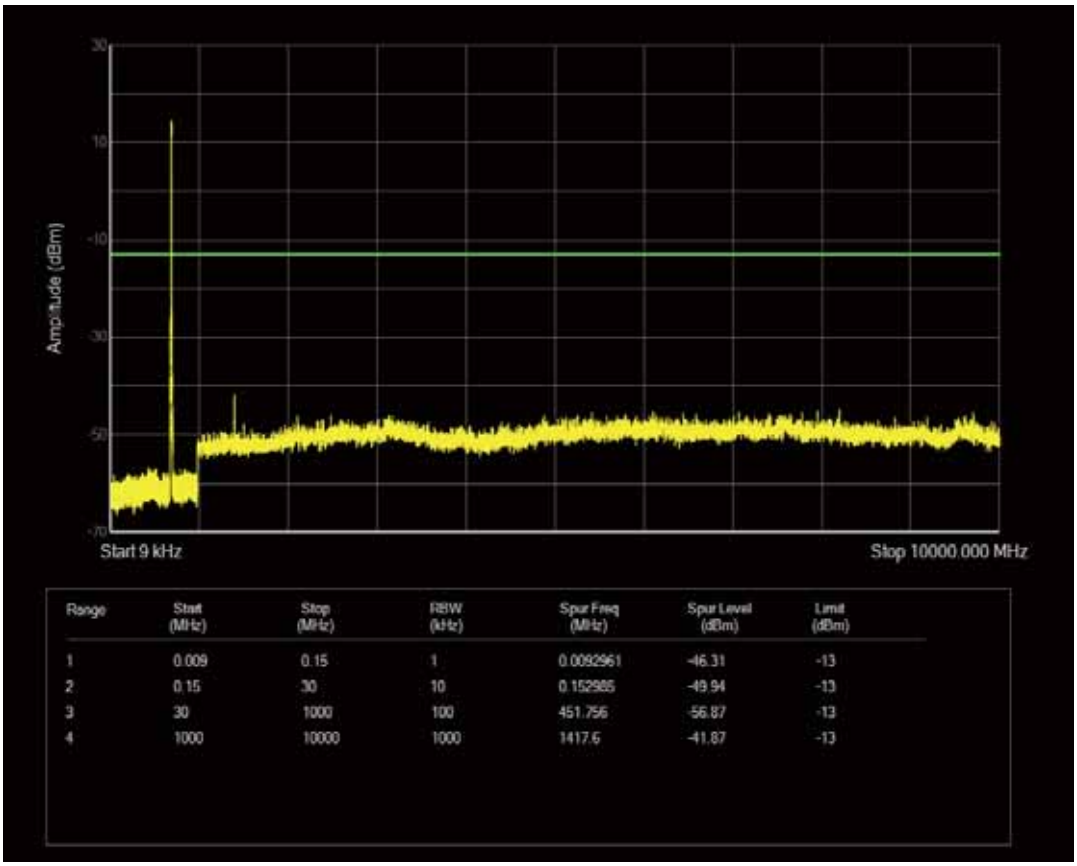
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-47.7	-13
2	0.15	30	10	0.15	-47.44	-13
3	30	1000	100	511.702	-56.63	-13
4	1000	10000	1000	1403.2	-43.42	-13

Band12 QAM16 BW=5MHz Channel=23035 RB Size=1 Position=#0



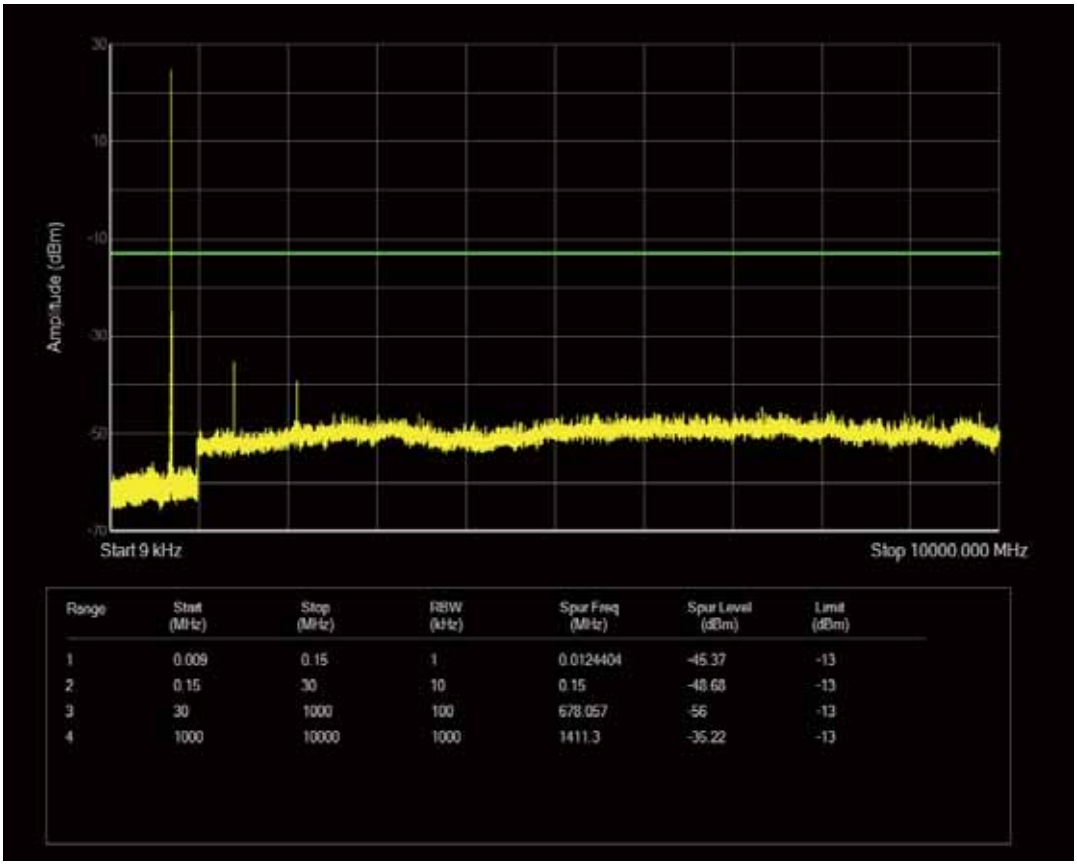
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0104805	-46.25	-13
2	0.15	30	10	0.158955	-48.55	-13
3	30	1000	100	903.776	-55.98	-13
4	1000	10000	1000	1398.7	-39.6	-13

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



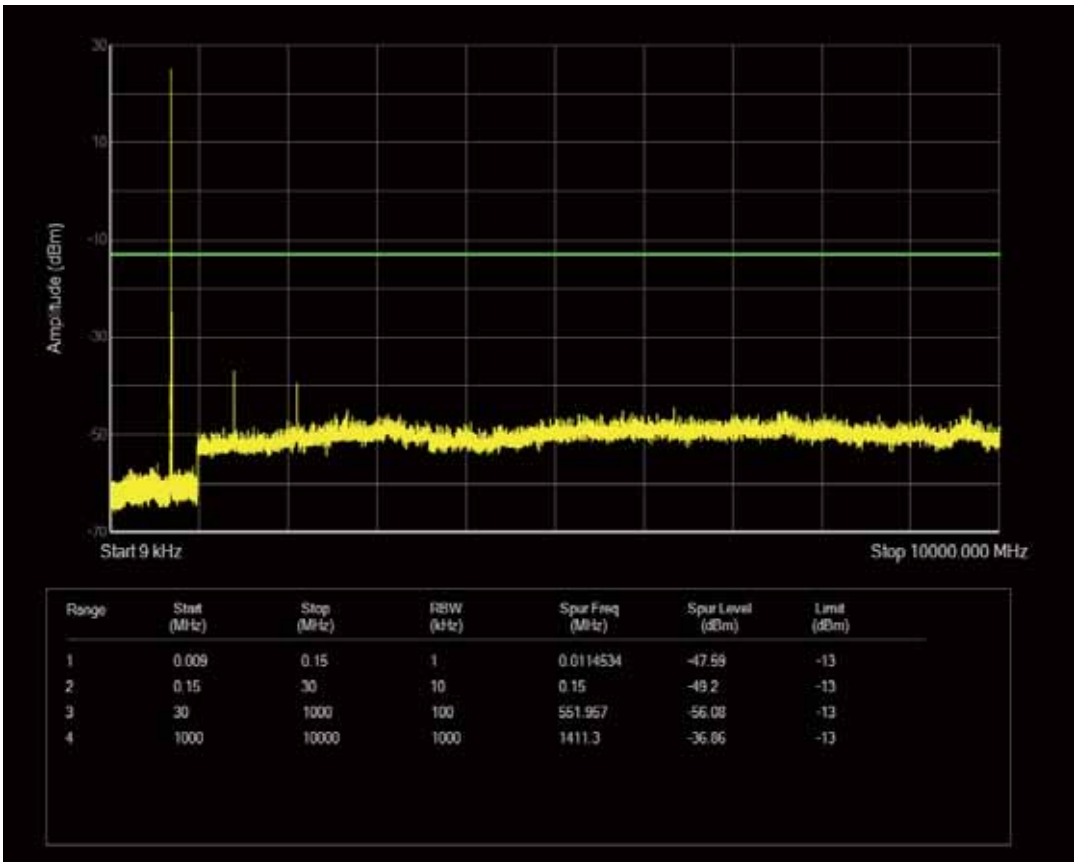
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0092961	-46.31	-13
2	0.15	30	10	0.152985	-49.94	-13
3	30	1000	100	451.756	-56.87	-13
4	1000	10000	1000	1417.6	-41.87	-13

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



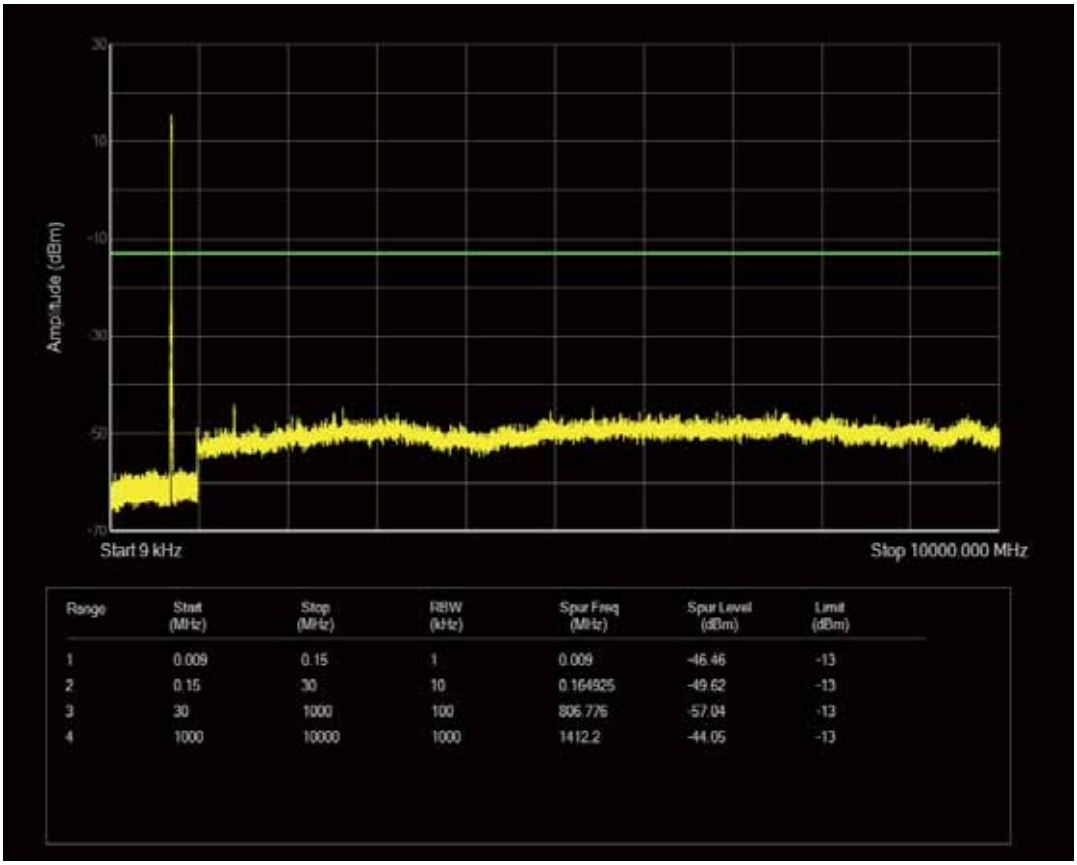
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0124404	-45.37	-13
2	0.15	30	10	0.15	-48.68	-13
3	30	1000	100	678.057	-56	-13
4	1000	10000	1000	1411.3	-35.22	-13

Band12 QAM16 BW=5MHz Channel=23095 RB Size=1 Position=#0



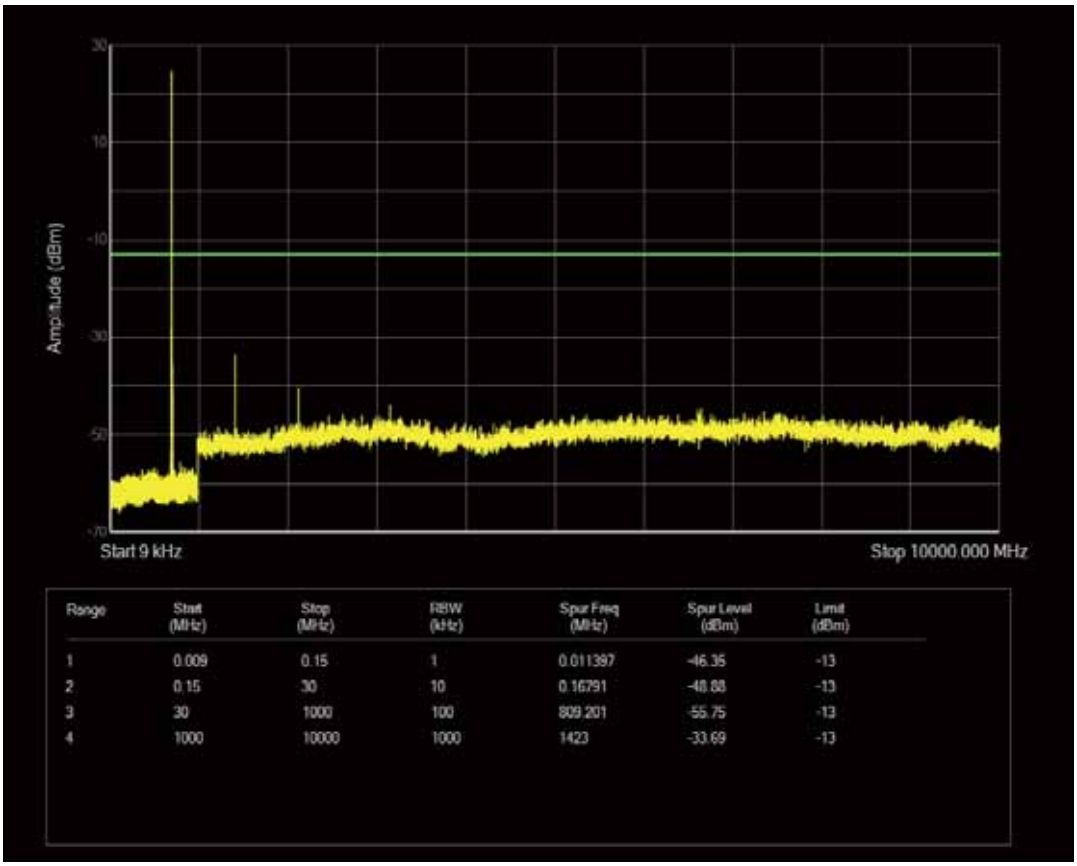
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0114534	-47.59	-13
2	0.15	30	10	0.15	-49.2	-13
3	30	1000	100	551.957	-56.08	-13
4	1000	10000	1000	1411.3	-36.86	-13

Band12 QAM16 BW=5MHz Channel=23095 RB Size=25 Position=#0



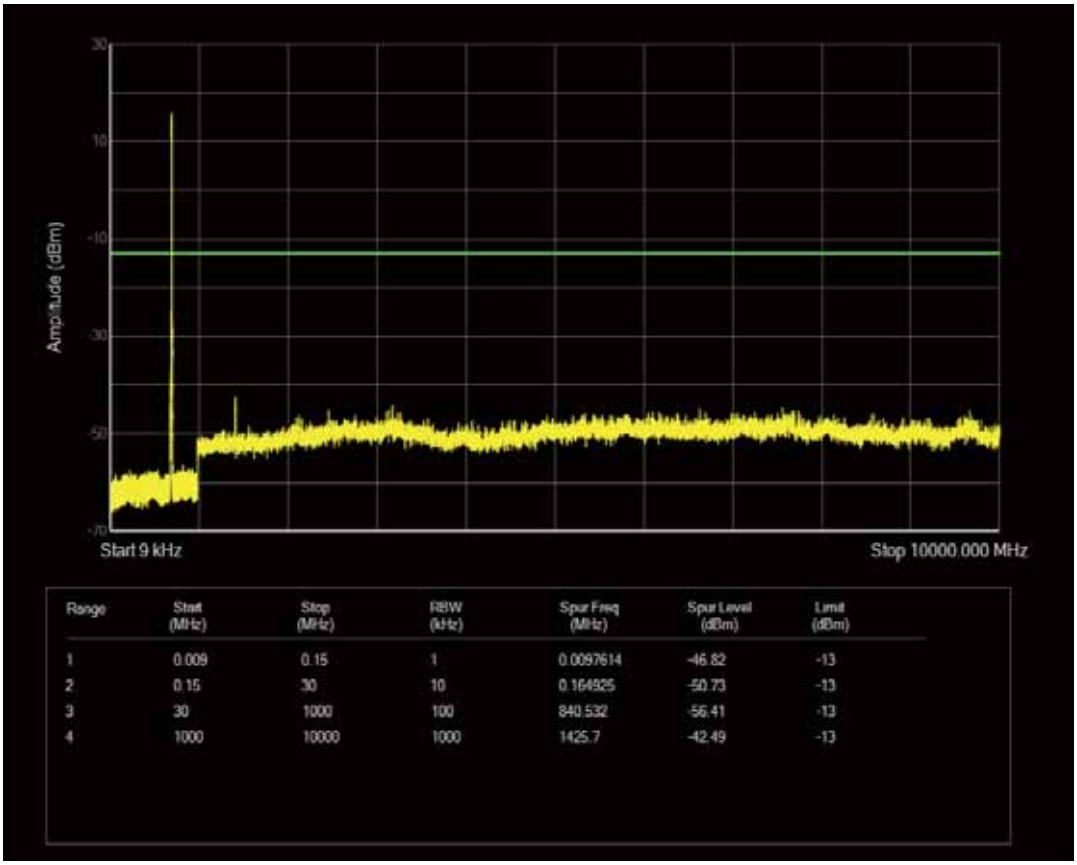
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-46.46	-13
2	0.15	30	10	0.164925	-49.62	-13
3	30	1000	100	806.776	-57.04	-13
4	1000	10000	1000	1412.2	-44.05	-13

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



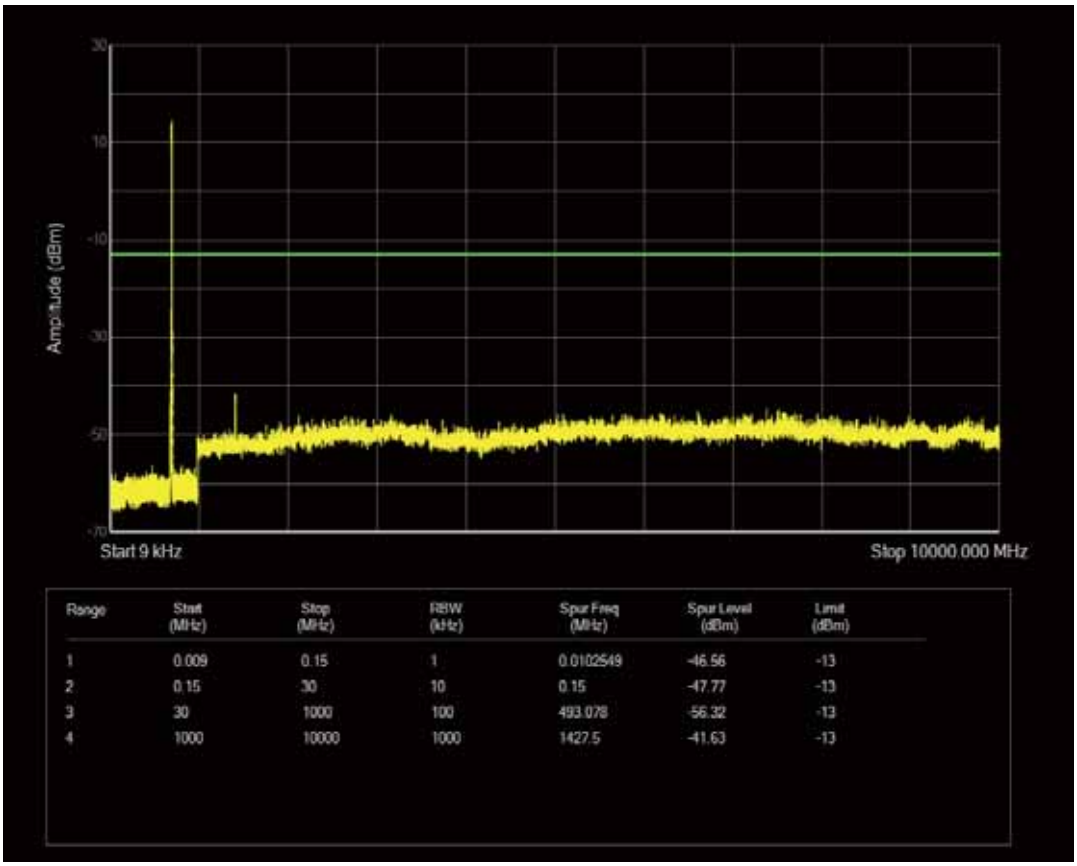
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011397	-46.35	-13
2	0.15	30	10	0.16791	-48.88	-13
3	30	1000	100	809.201	-55.75	-13
4	1000	10000	1000	1423	-33.69	-13

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



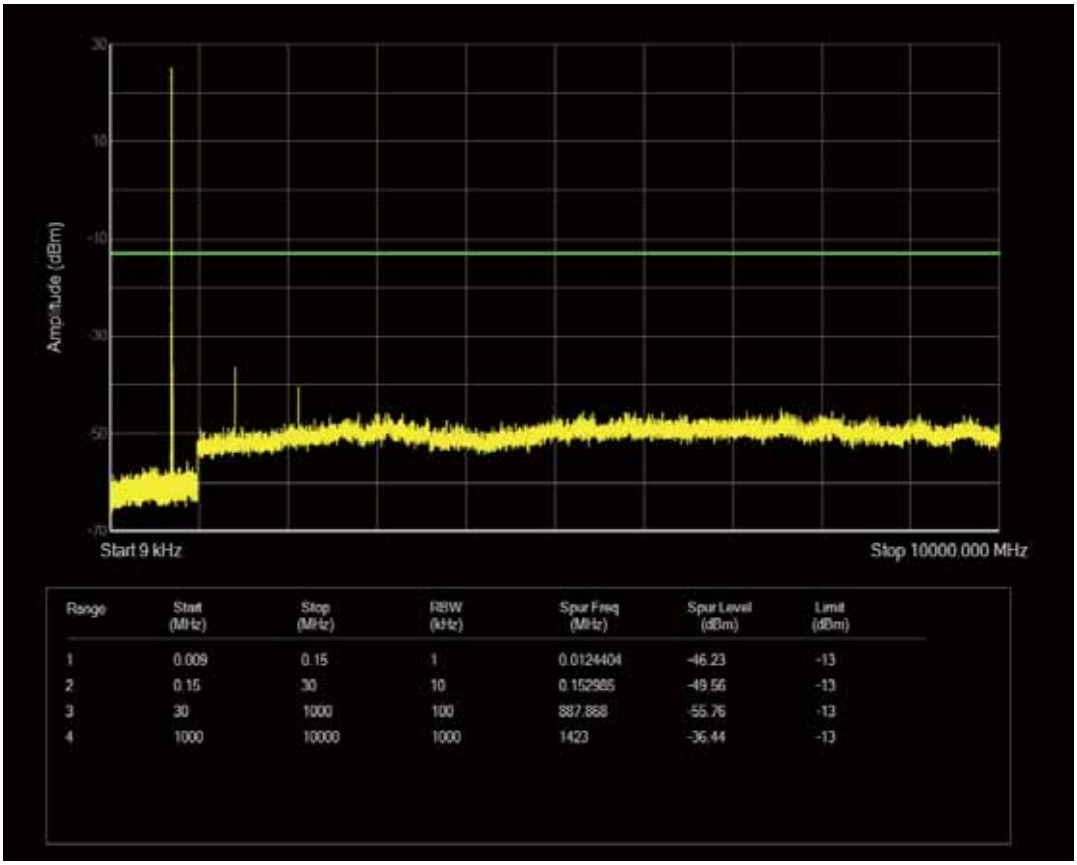
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0097614	-46.82	-13
2	0.15	30	10	0.164925	-50.73	-13
3	30	1000	100	840.532	-56.41	-13
4	1000	10000	1000	1425.7	-42.49	-13

Band12 QAM16 BW=5MHz Channel=23155 RB Size=25 Position=#0



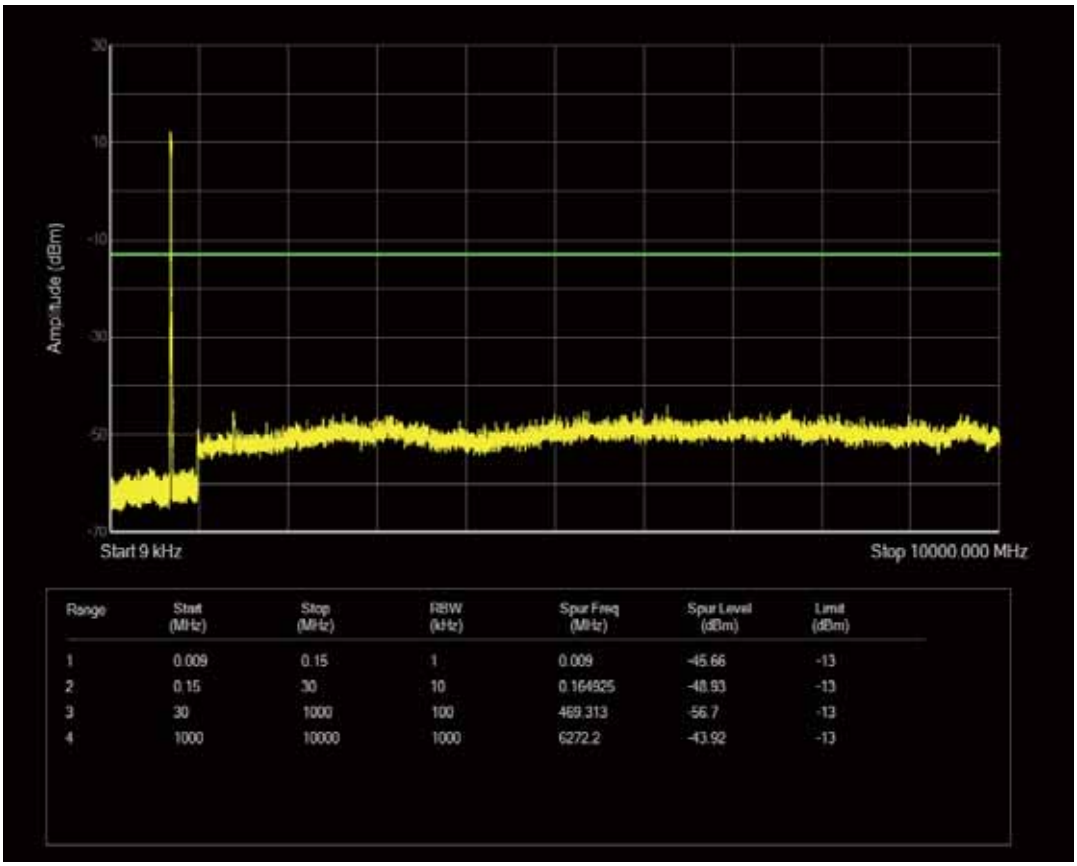
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0102549	-46.56	-13
2	0.15	30	10	0.15	-47.77	-13
3	30	1000	100	493.078	-56.32	-13
4	1000	10000	1000	1427.5	-41.63	-13

Band12 QAM16 BW=5MHz Channel=23155 RB Size=1 Position=#0



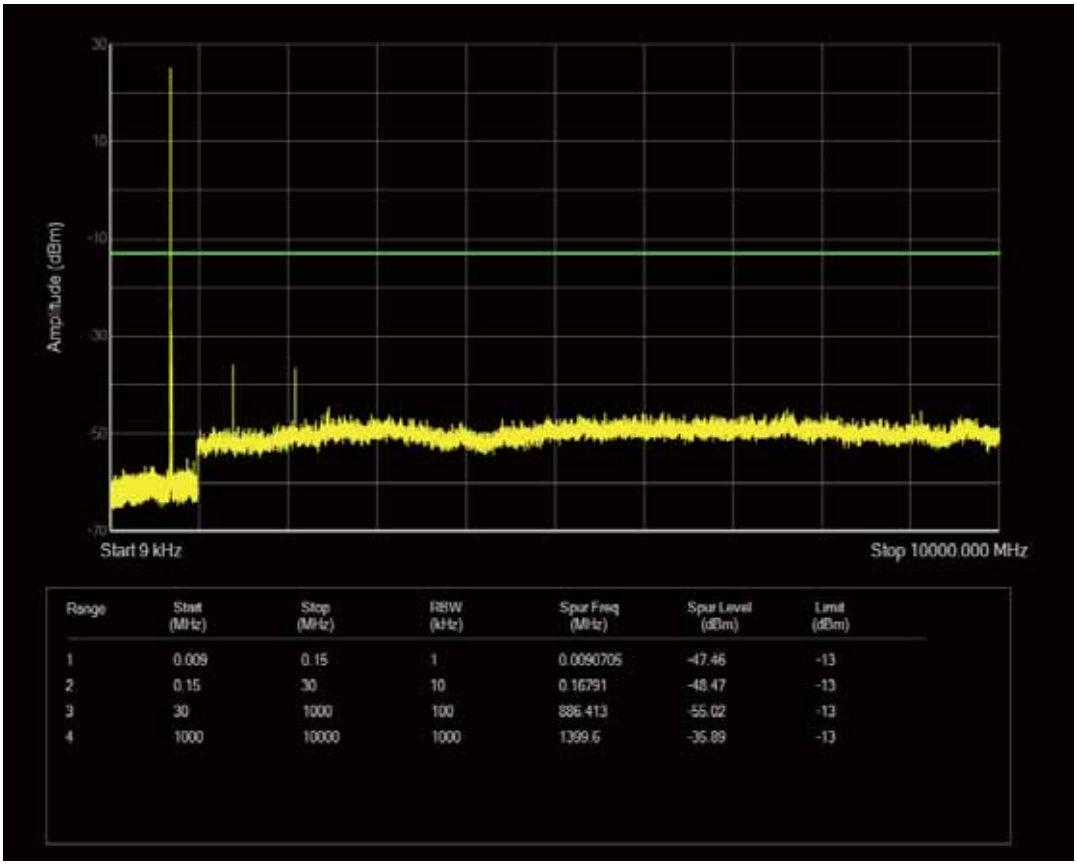
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0124404	-46.23	-13
2	0.15	30	10	0.152985	-49.56	-13
3	30	1000	100	887.868	-55.76	-13
4	1000	10000	1000	1423	-36.44	-13

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



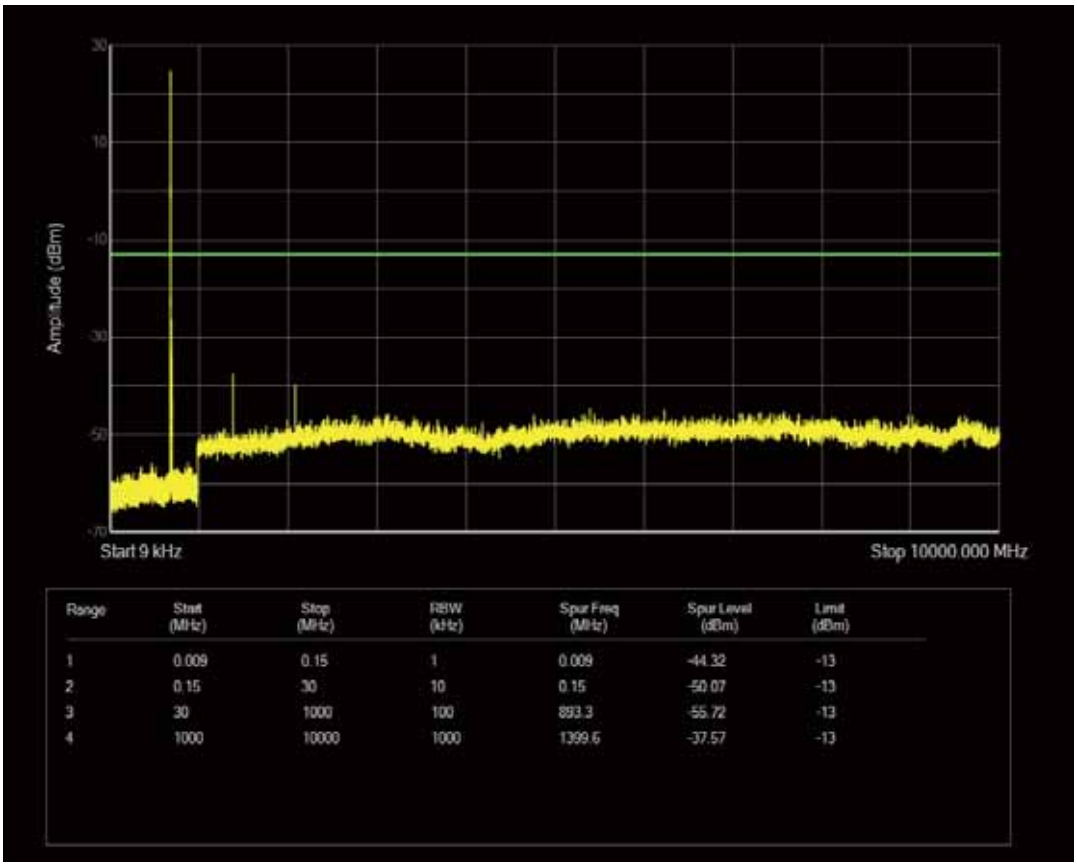
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.66	-13
2	0.15	30	10	0.164925	-48.93	-13
3	30	1000	100	469.313	-56.7	-13
4	1000	10000	1000	6272.2	-43.92	-13

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



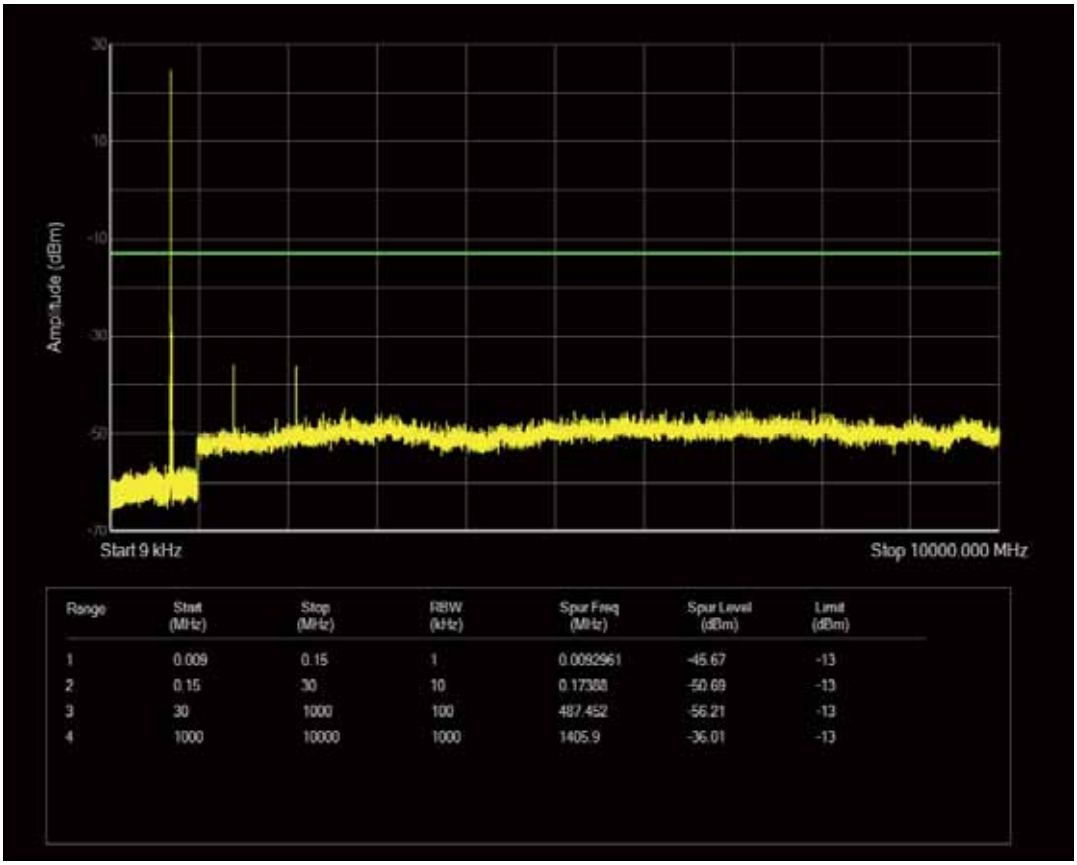
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0090705	-47.46	-13
2	0.15	30	10	0.16791	-48.47	-13
3	30	1000	100	886.413	-55.02	-13
4	1000	10000	1000	1399.6	-35.89	-13

Band12 QAM16 BW=10MHz Channel=23060 RB Size=1 Position=#0



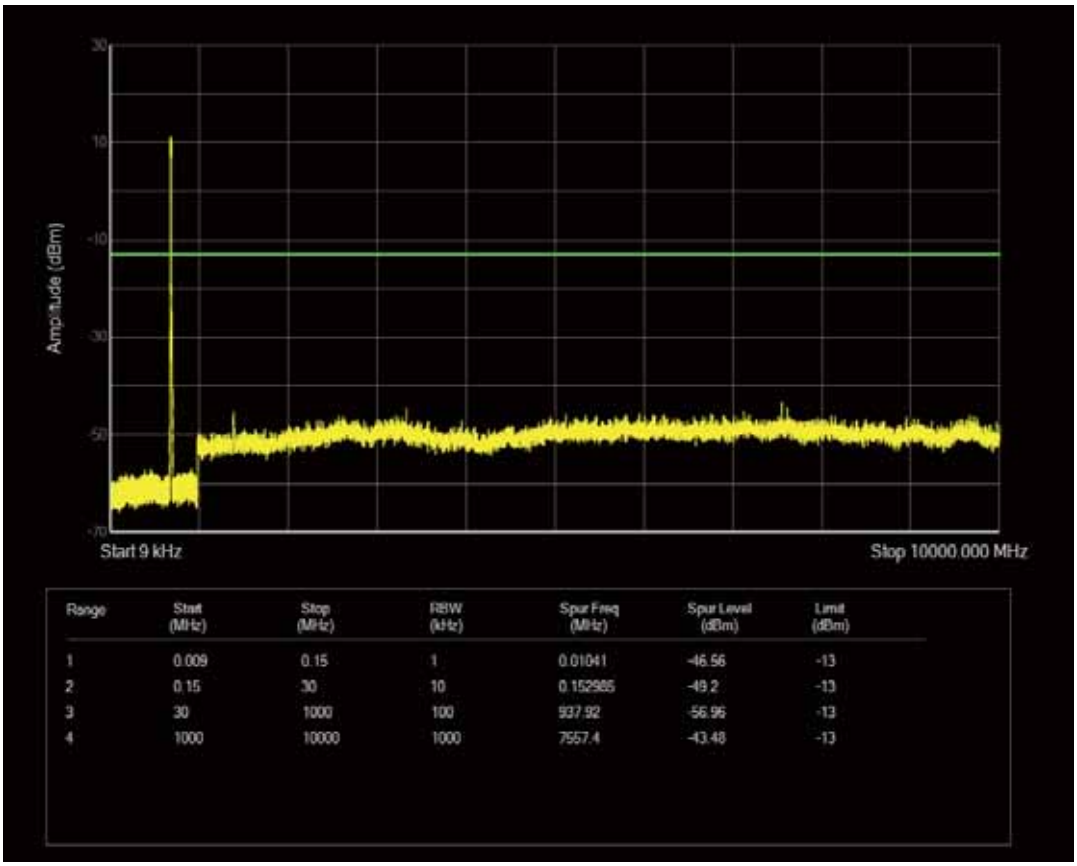
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-44.32	-13
2	0.15	30	10	0.15	-50.07	-13
3	30	1000	100	893.3	-55.72	-13
4	1000	10000	1000	1399.6	-37.57	-13

Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0092961	-45.67	-13
2	0.15	30	10	0.17388	-50.69	-13
3	30	1000	100	487.452	-56.21	-13
4	1000	10000	1000	1405.9	-36.01	-13

Band12 QAM16 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	0.009	0.15	1	0.01041	-46.56	-13
2	0.15	30	10	0.152985	-49.2	-13
3	30	1000	100	937.92	-56.96	-13
4	1000	10000	1000	7557.4	-43.48	-13

Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0