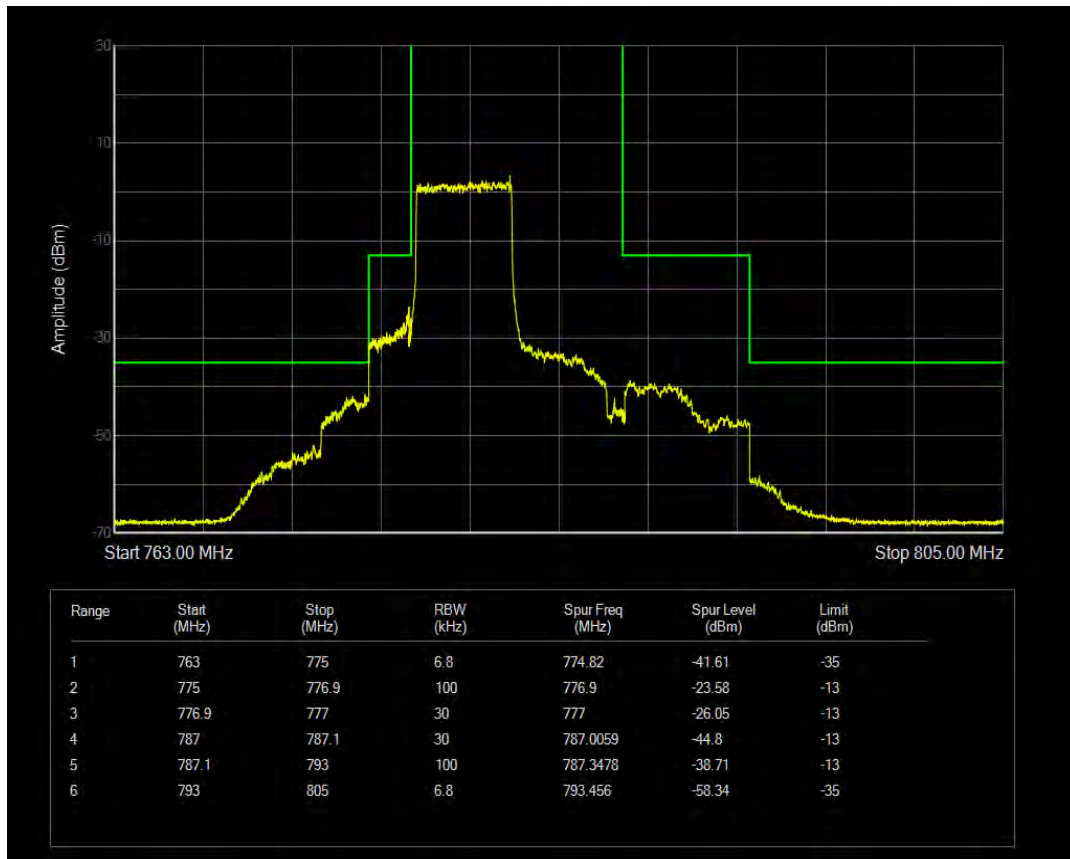
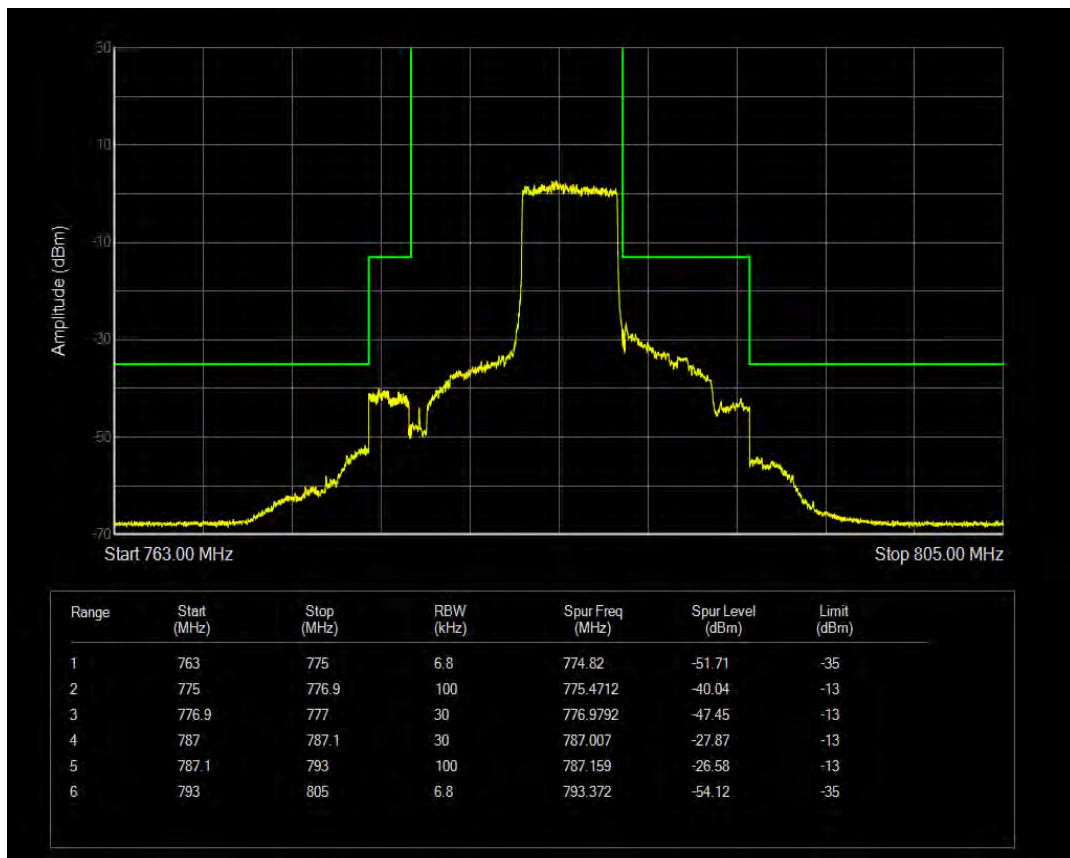




Band13 QPSK BW=5MHz Channel=23255 RB Size=25 Position=#0



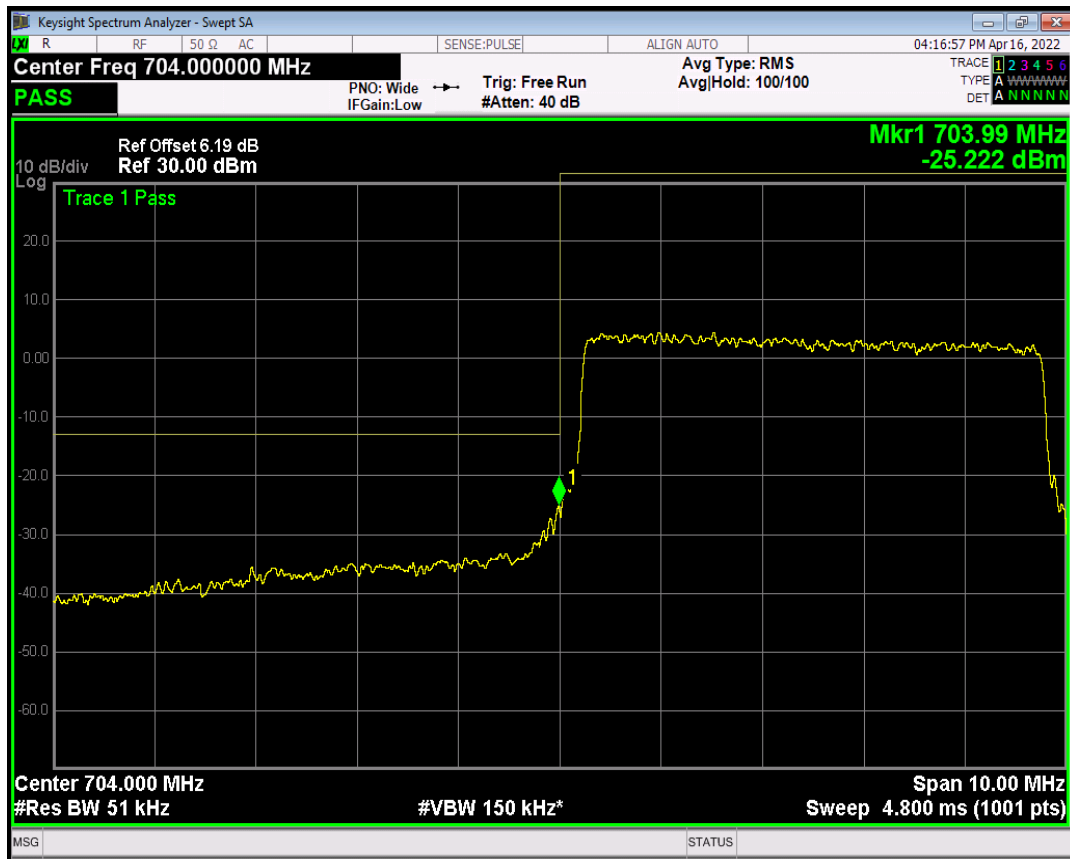
Band17 QAM16 BW=10MHz Channel=23780 RB Size=50 Position=#0



Band17 QAM16 BW=10MHz Channel=23800 RB Size=50 Position=#0



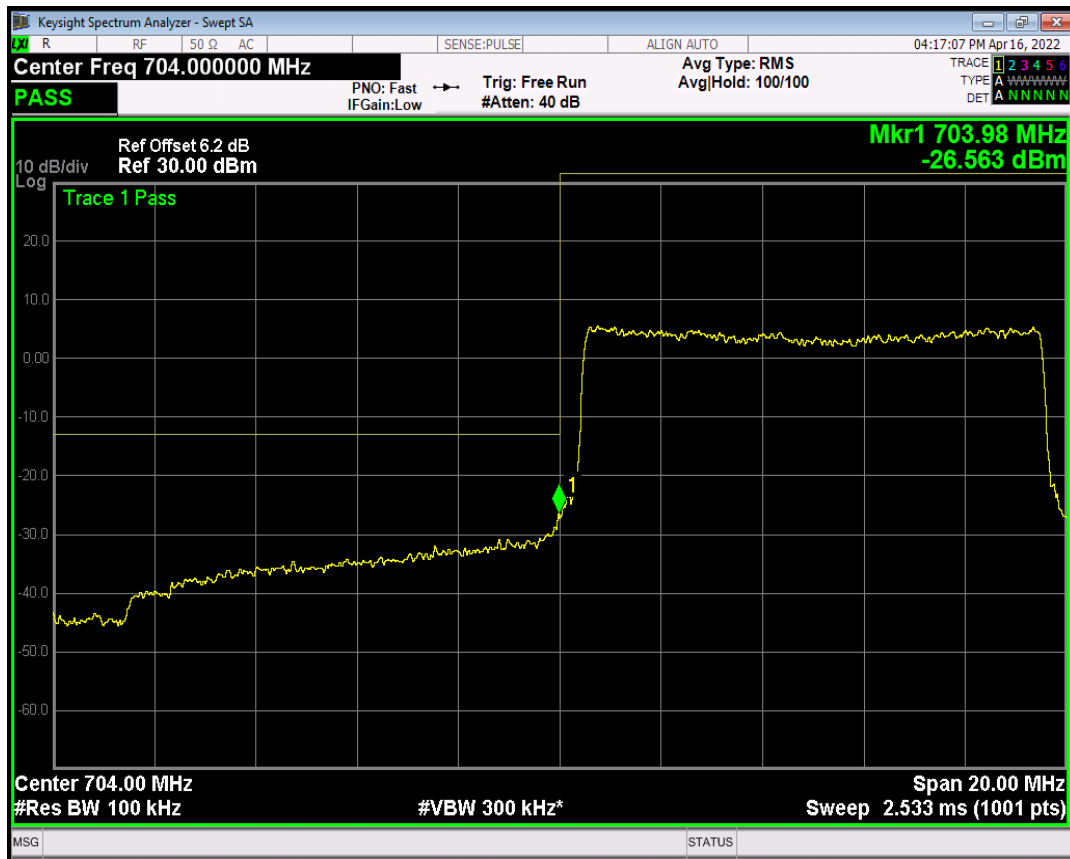
Band17 QAM16 BW=5MHz Channel=23755 RB Size=25 Position=#0



Band17 QAM16 BW=5MHz Channel=23825 RB Size=25 Position=#0



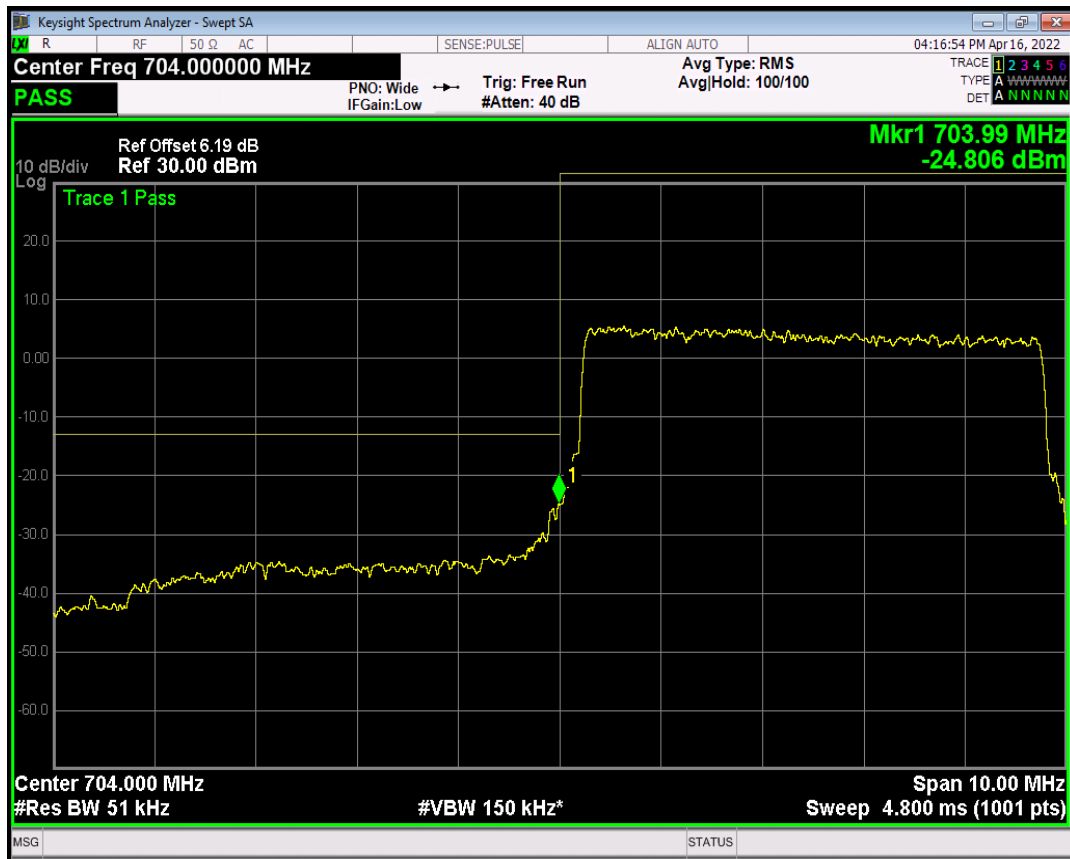
Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0



Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0



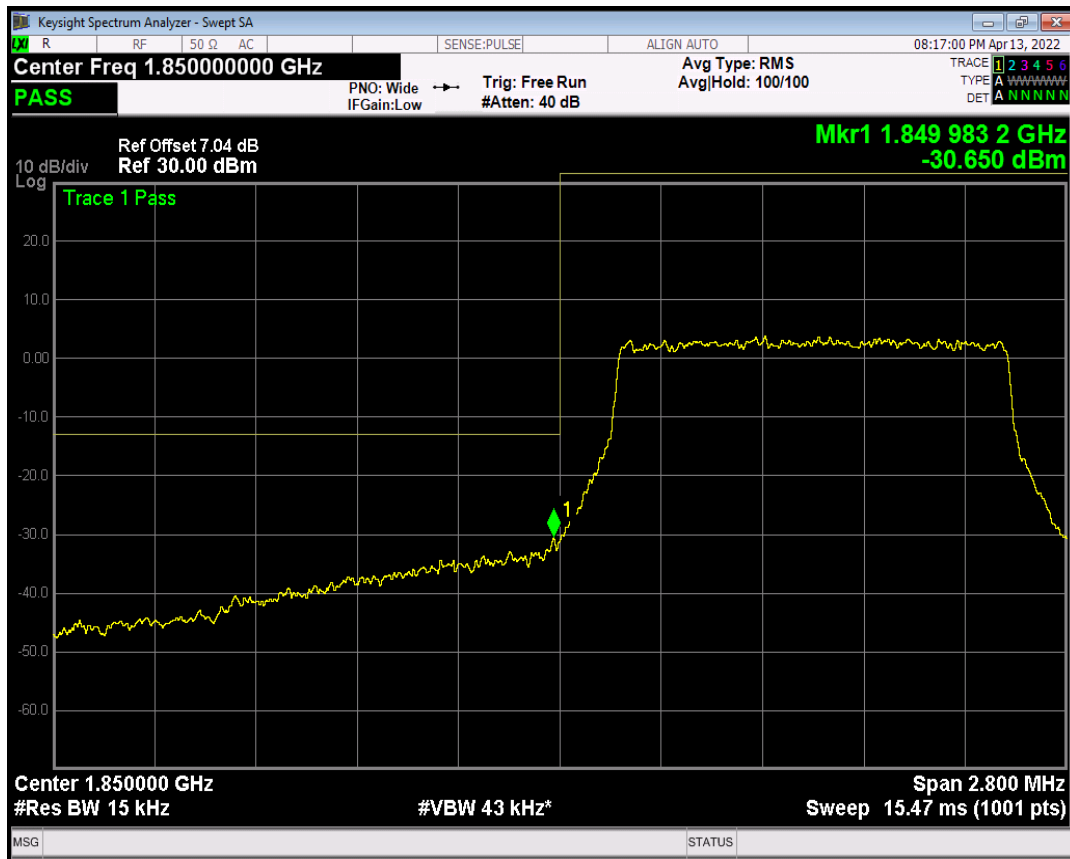
Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0



Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



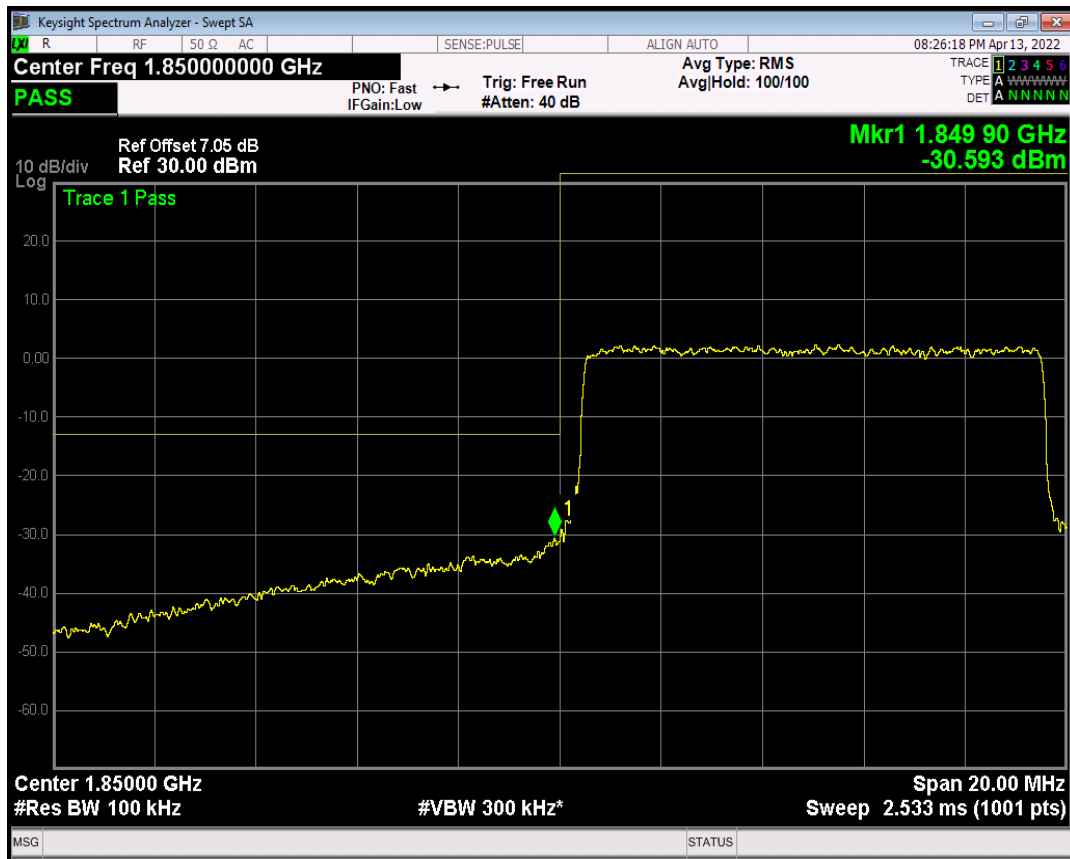
Band2 QAM16 BW=1.4MHz Channel=18607 RB Size=6 Position=#0



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



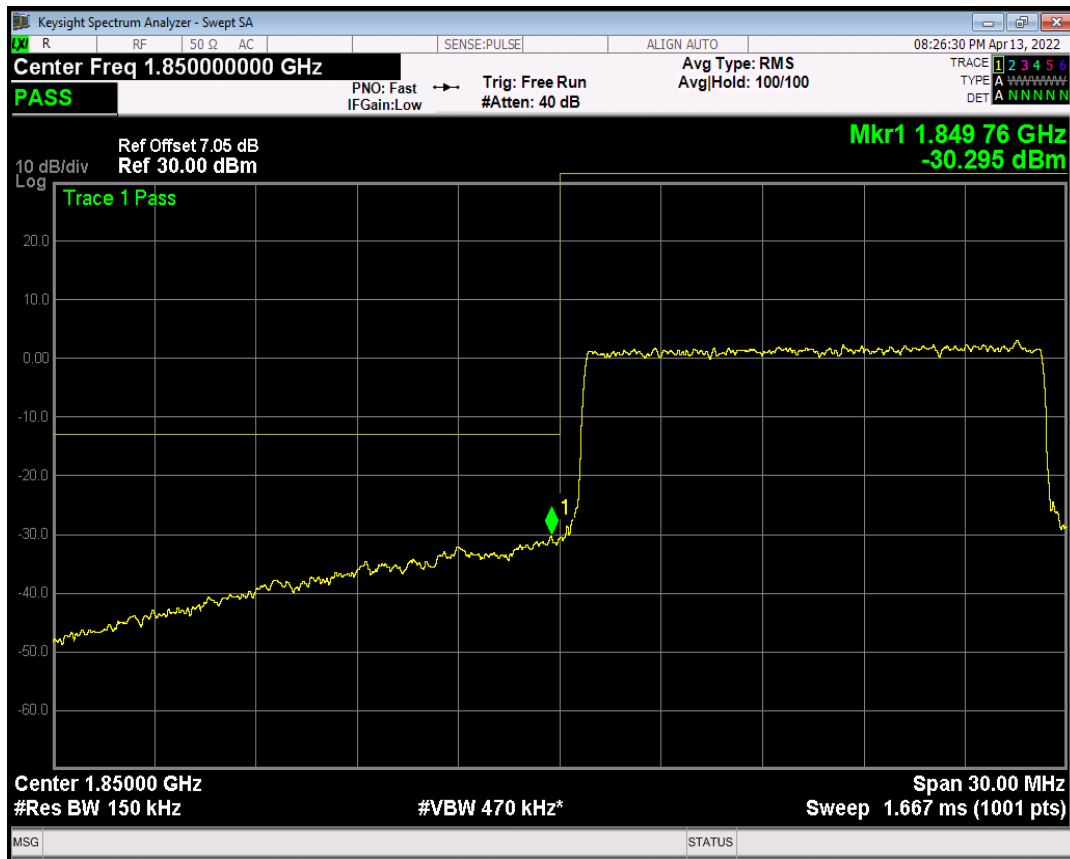
Band2 QAM16 BW=10MHz Channel=18650 RB Size=50 Position=#0



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



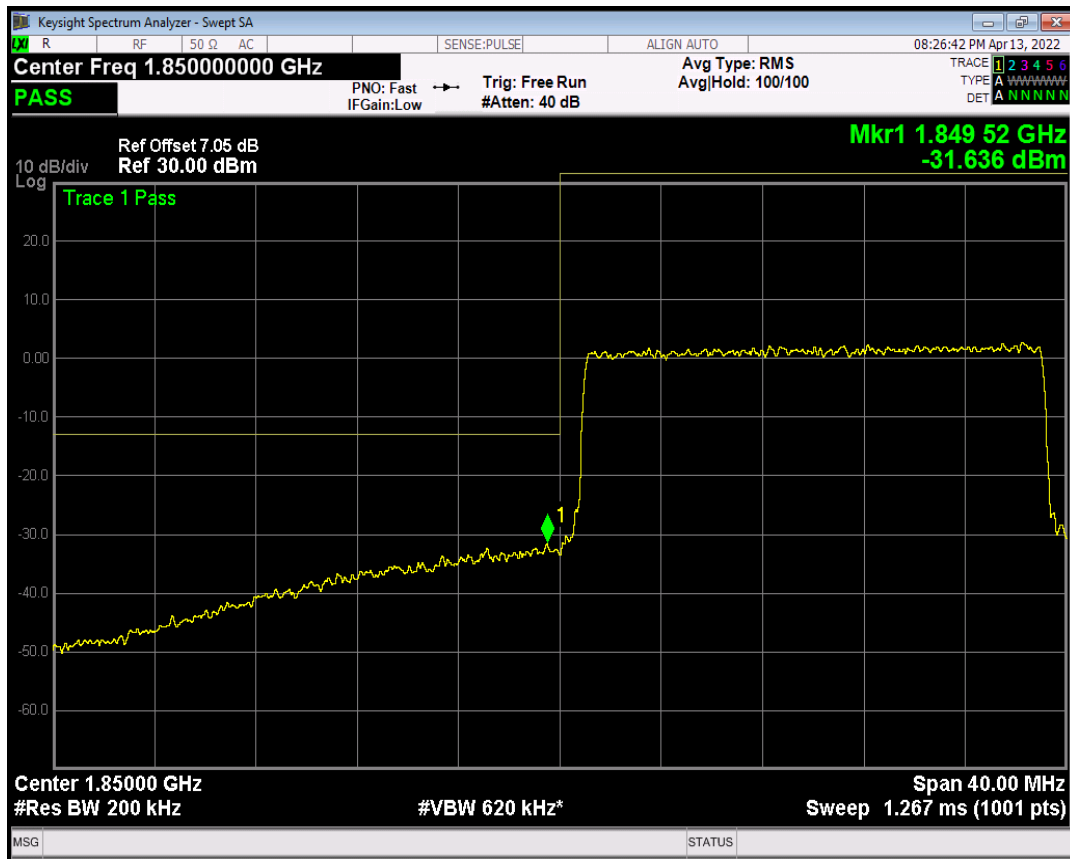
Band2 QAM16 BW=15MHz Channel=18675 RB Size=75 Position=#0



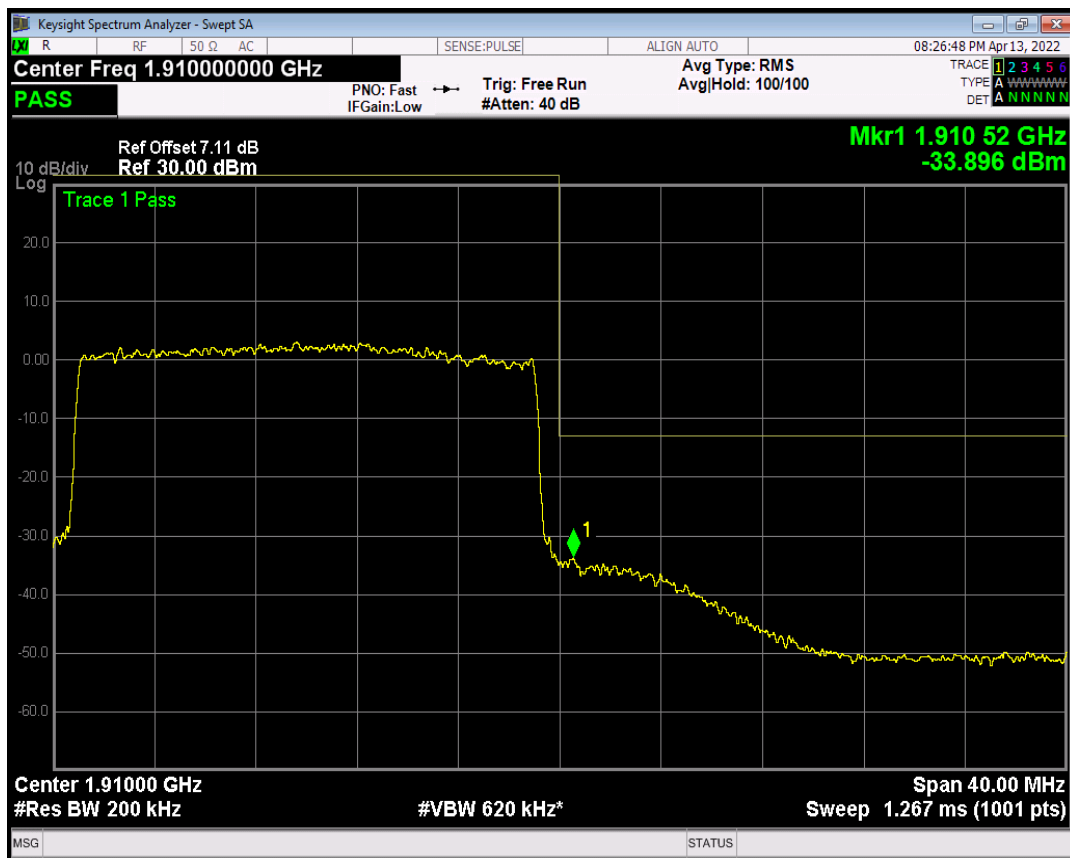
Band2 QAM16 BW=15MHz Channel=19125 RB Size=75 Position=#0



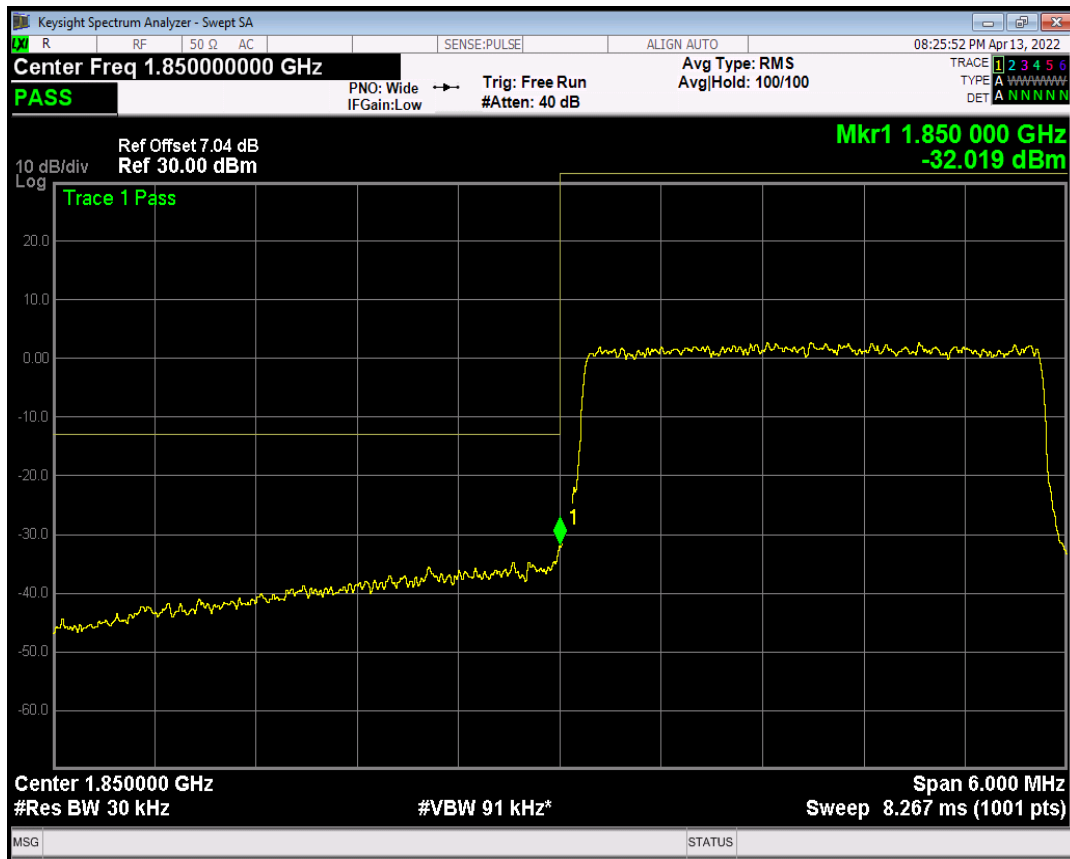
Band2 QAM16 BW=20MHz Channel=18700 RB Size=100 Position=#0



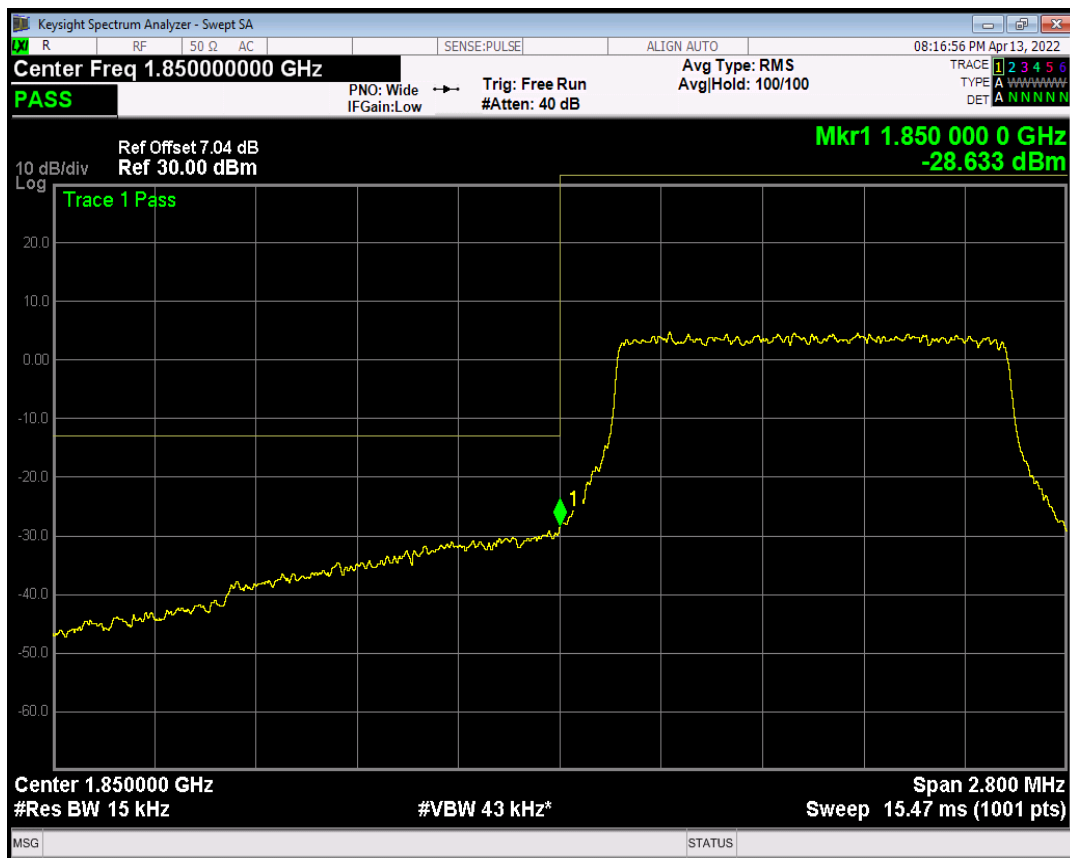
Band2 QAM16 BW=20MHz Channel=19100 RB Size=100 Position=#0



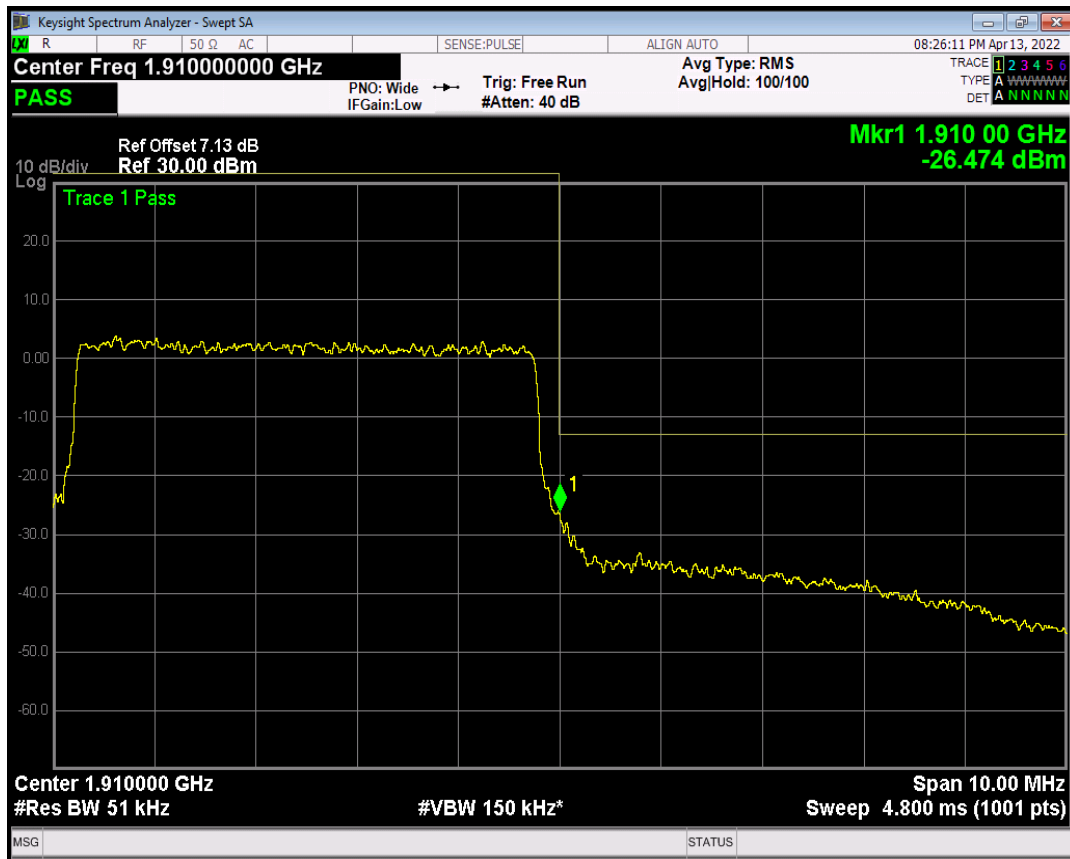
Band2 QAM16 BW=3MHz Channel=18615 RB Size=15 Position=#0



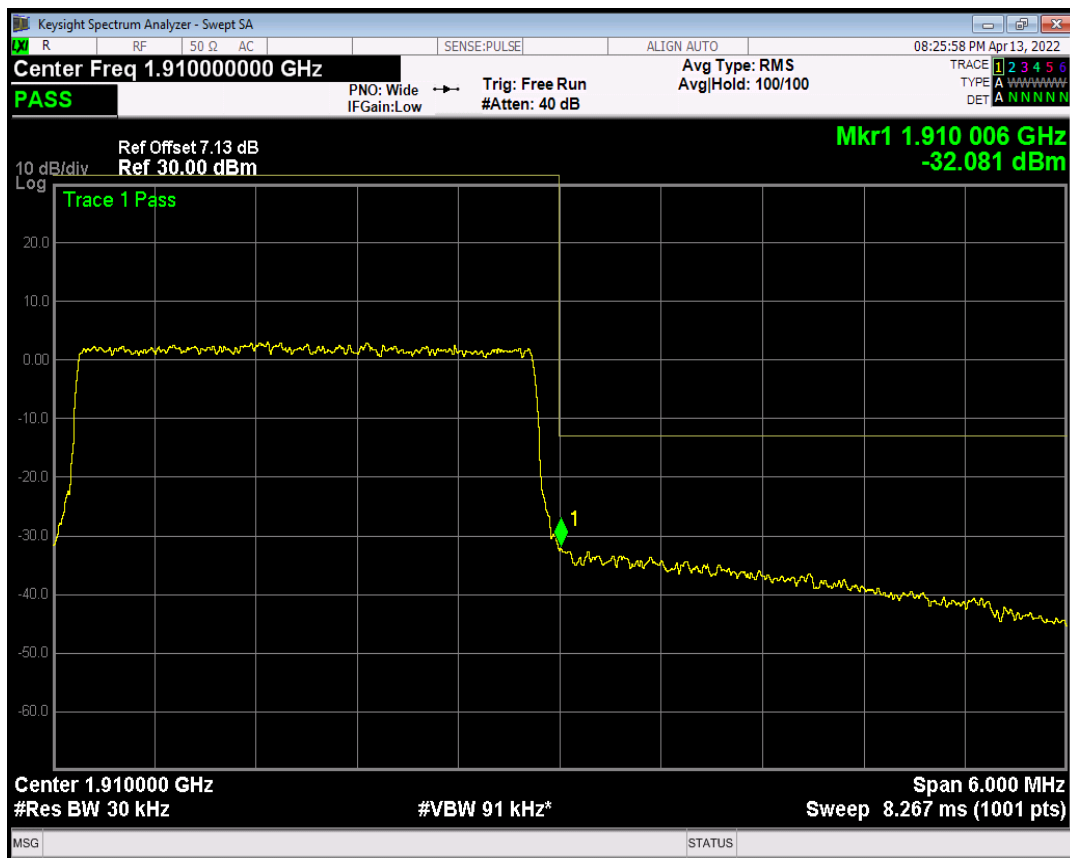
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



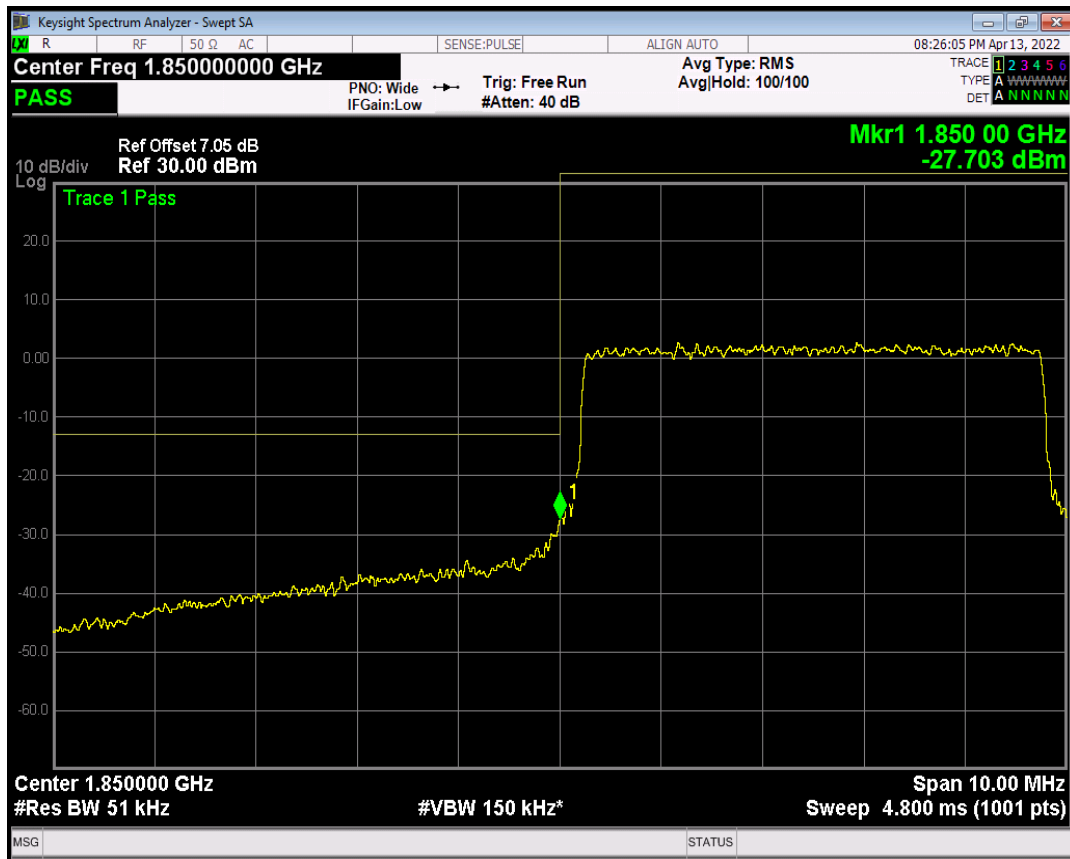
Band2 QAM16 BW=5MHz Channel=19175 RB Size=25 Position=#0



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



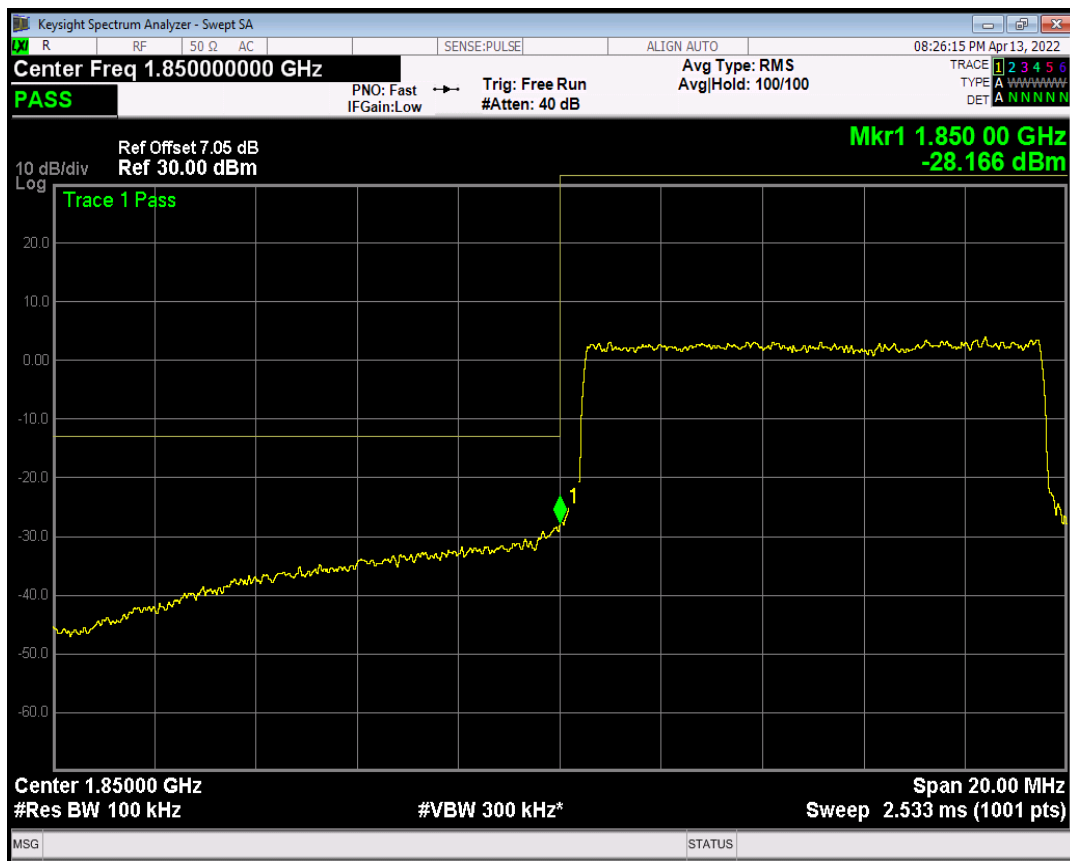
Band2 QAM16 BW=5MHz Channel=18625 RB Size=25 Position=#0



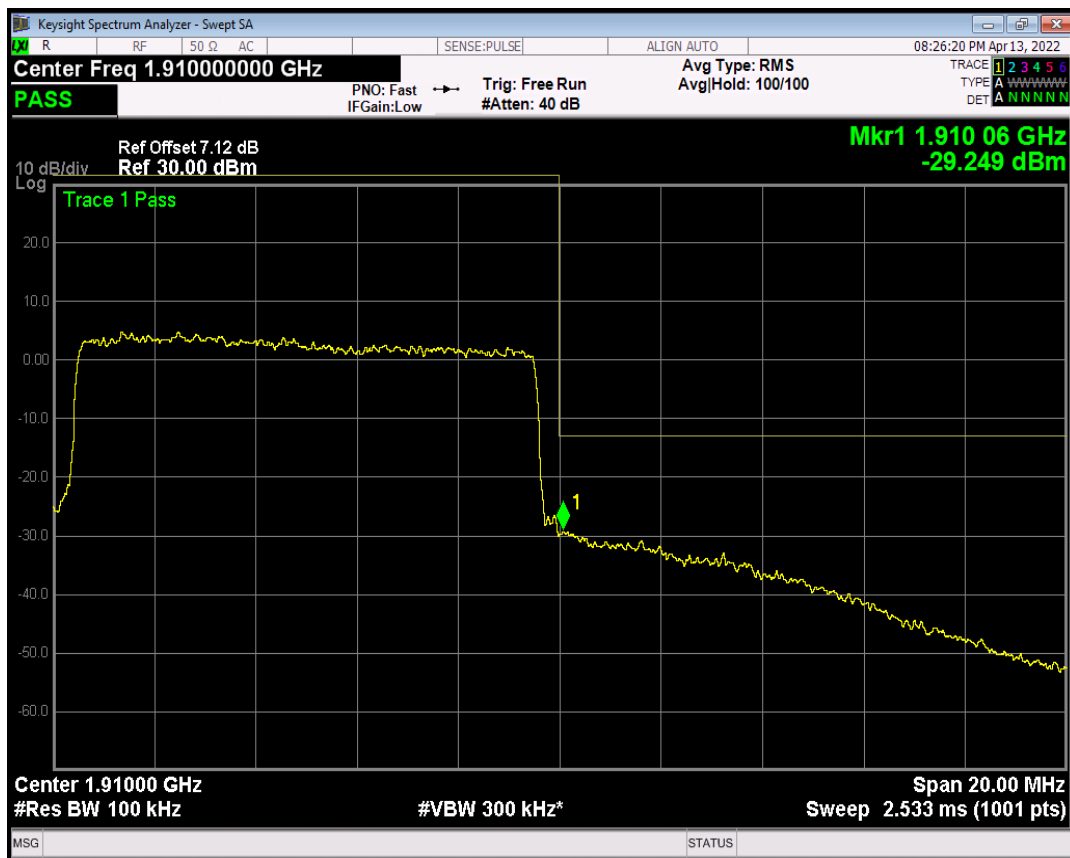
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



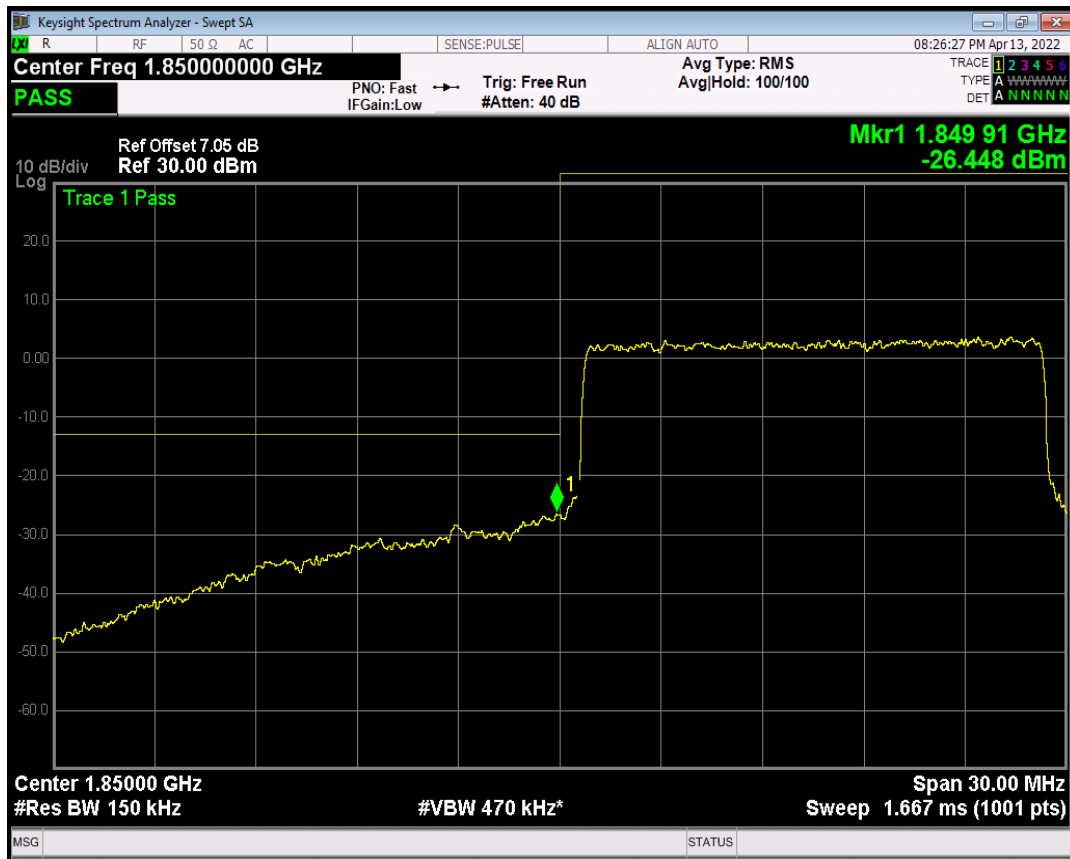
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



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



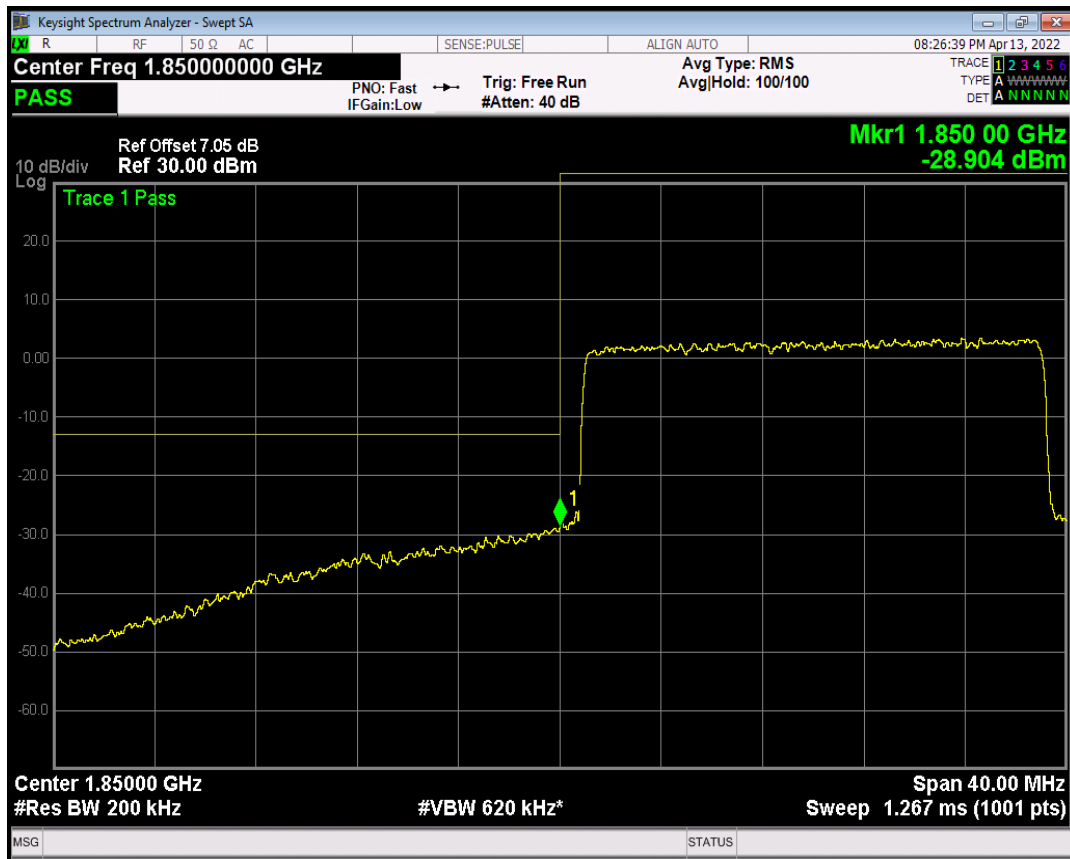
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



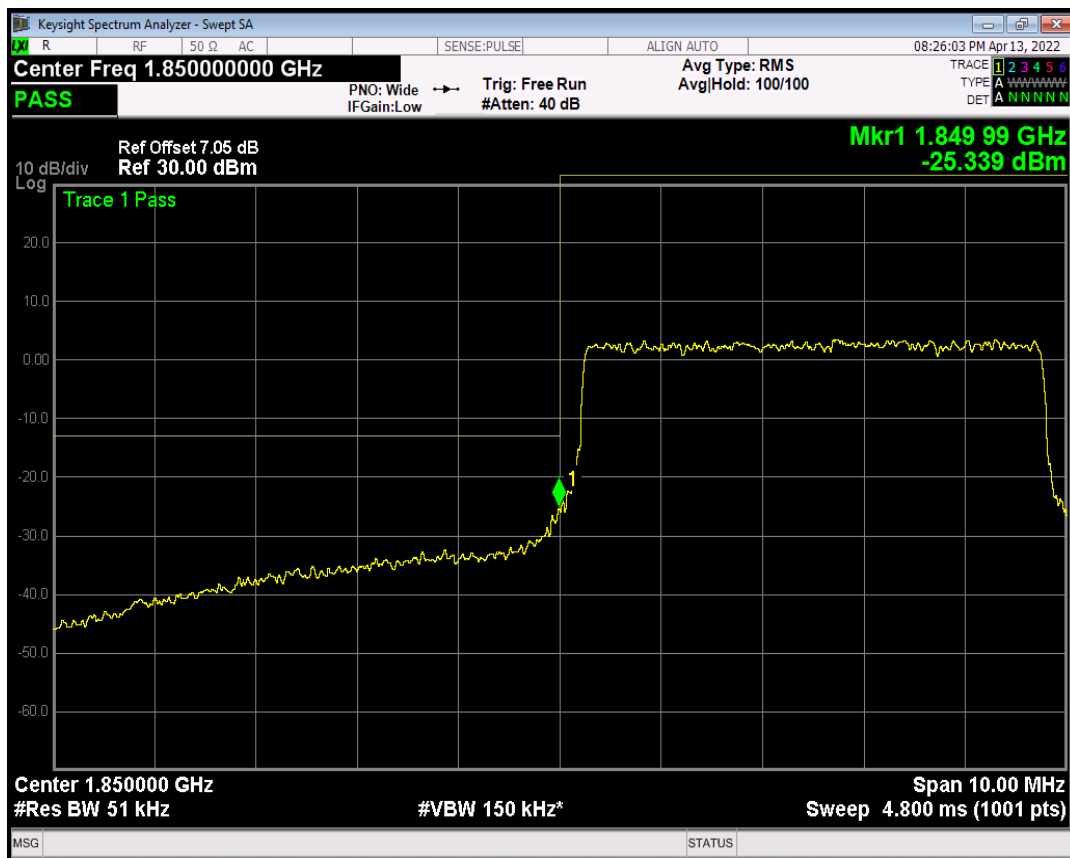
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



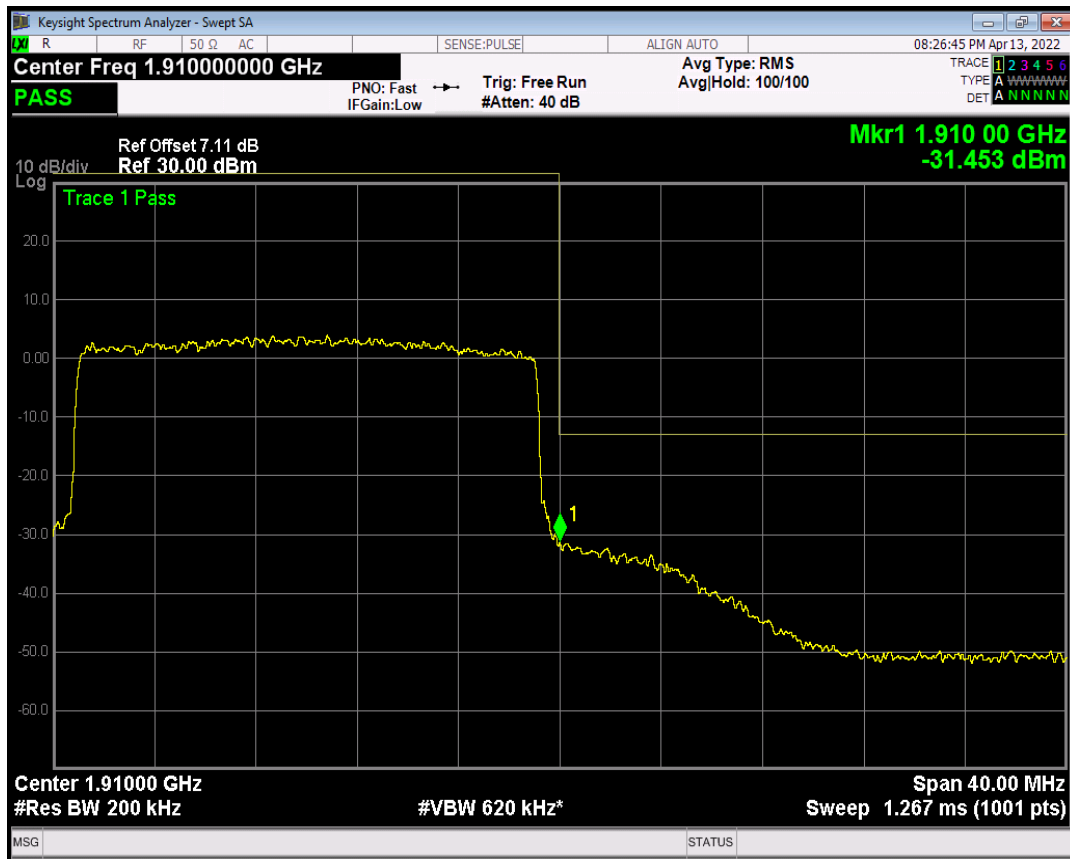
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



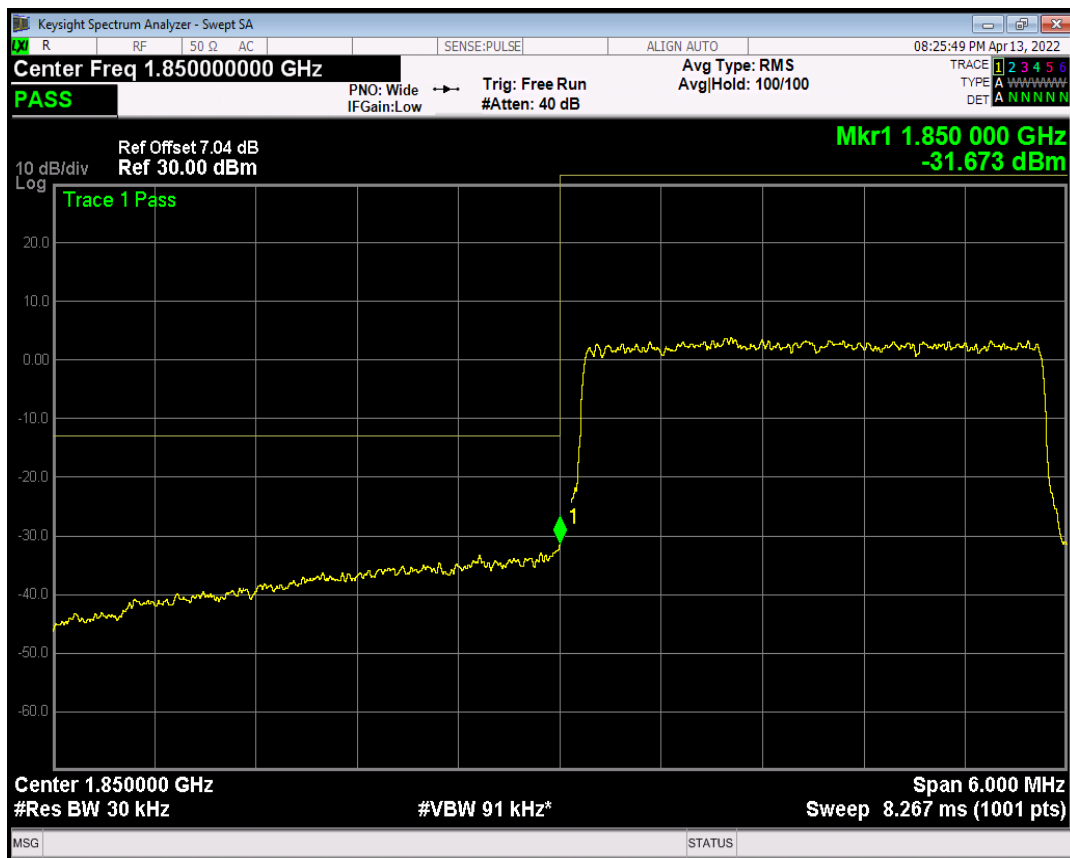
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



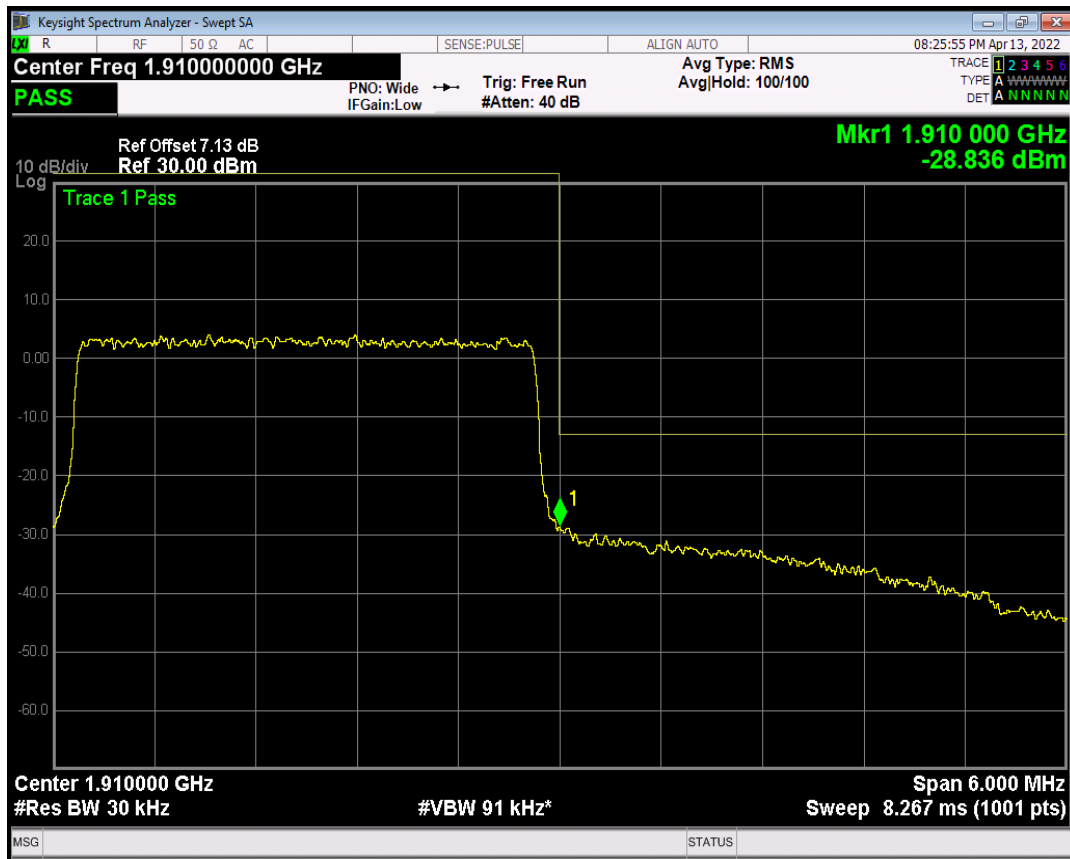
Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



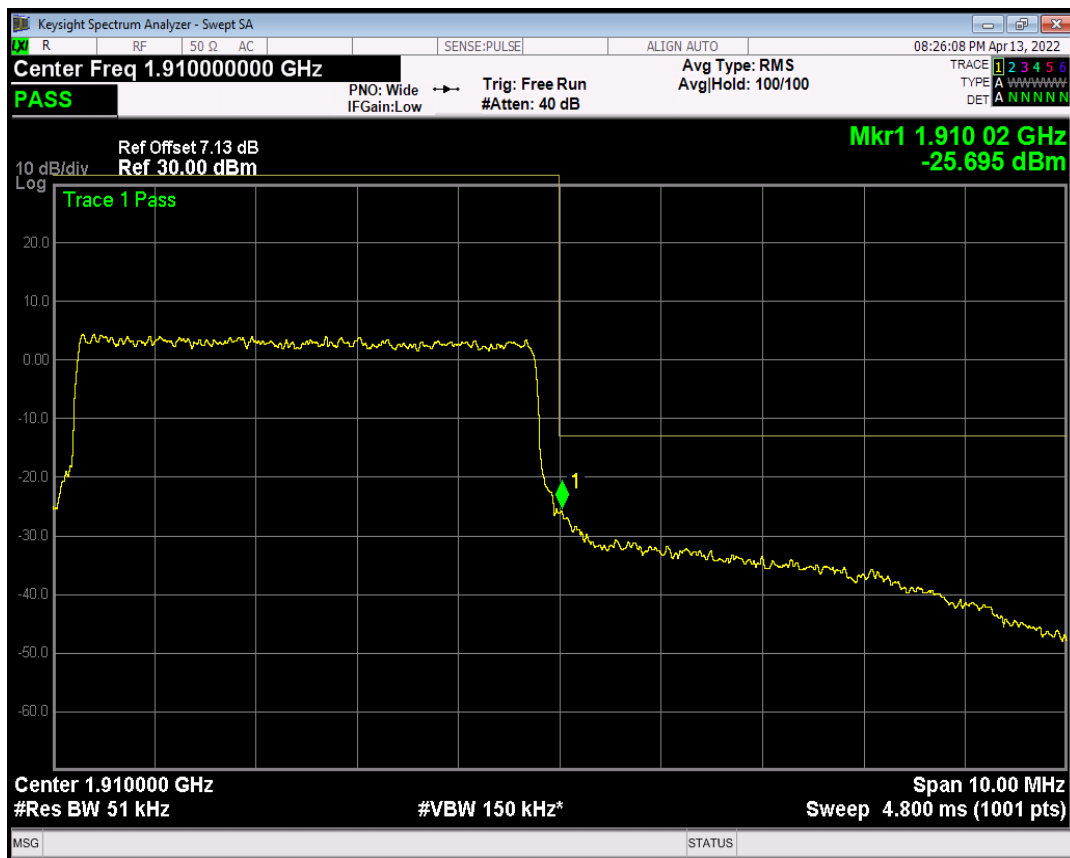
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



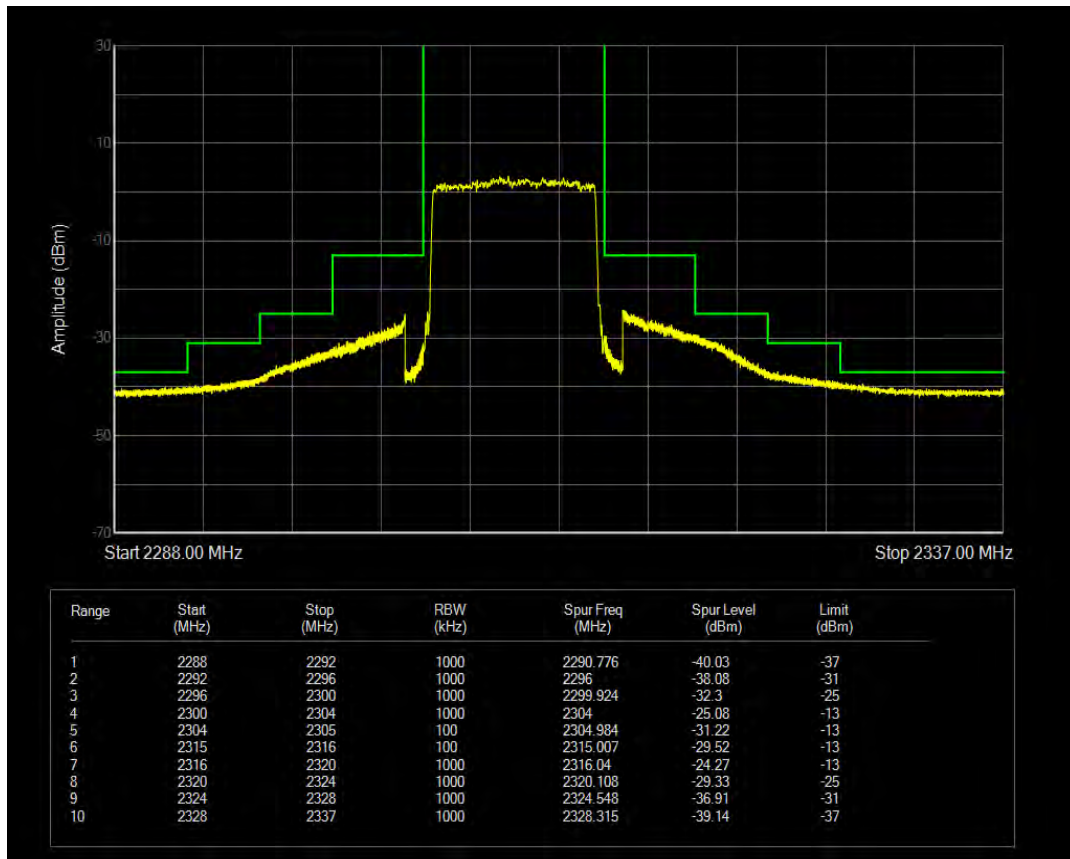
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



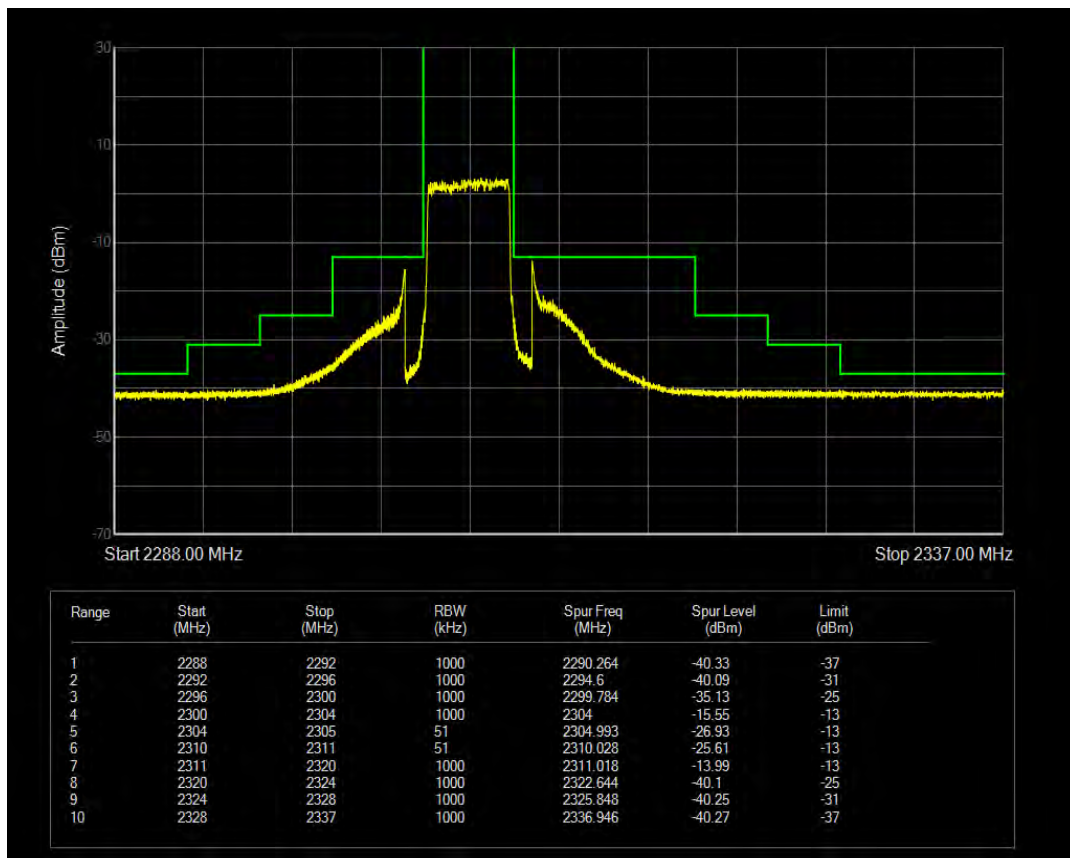
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



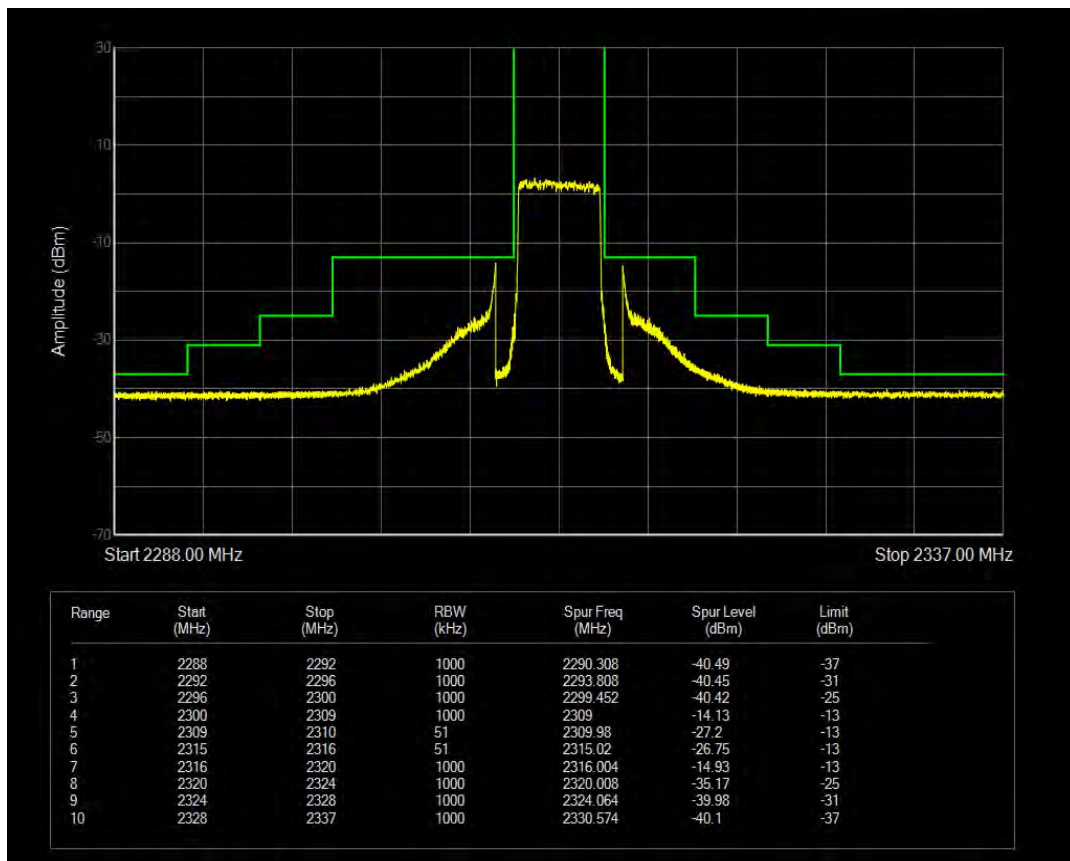
Band30 QAM16 BW=10MHz Channel=27710 RB Size=50 Position=#0



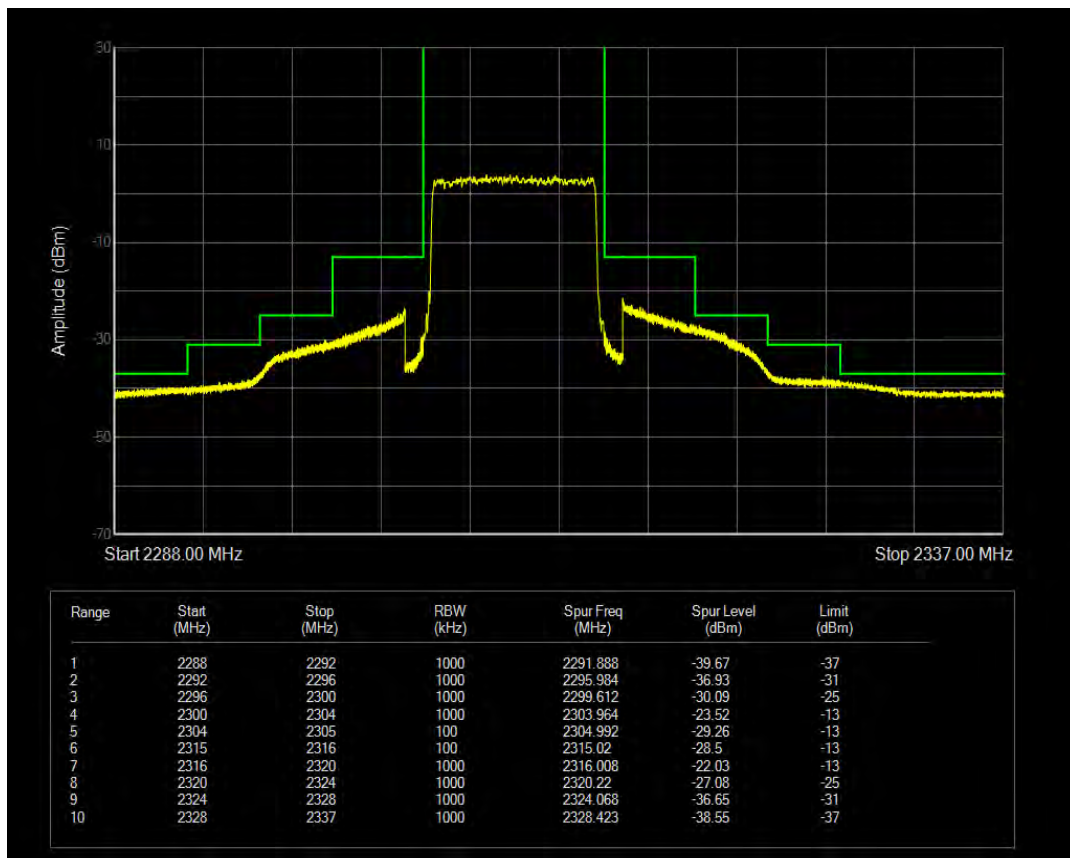
Band30 QAM16 BW=5MHz Channel=27685 RB Size=25 Position=#0



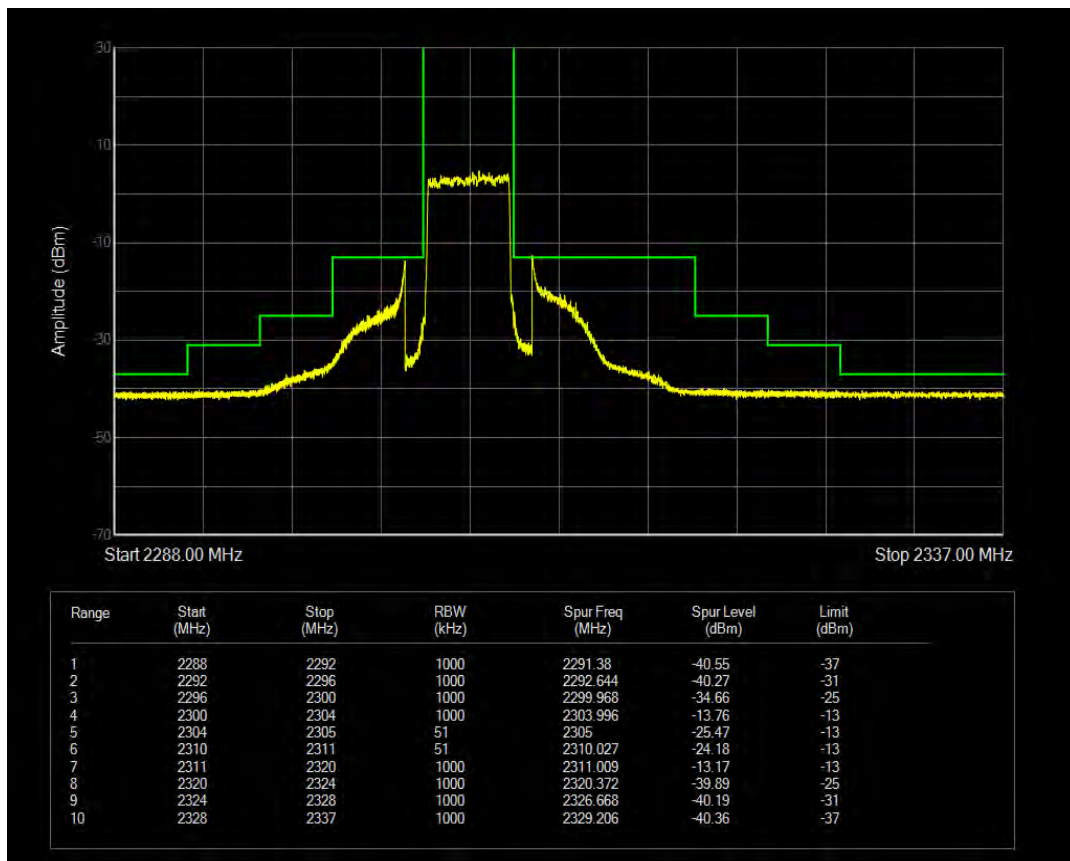
Band30 QAM16 BW=5MHz Channel=27735 RB Size=25 Position=#0



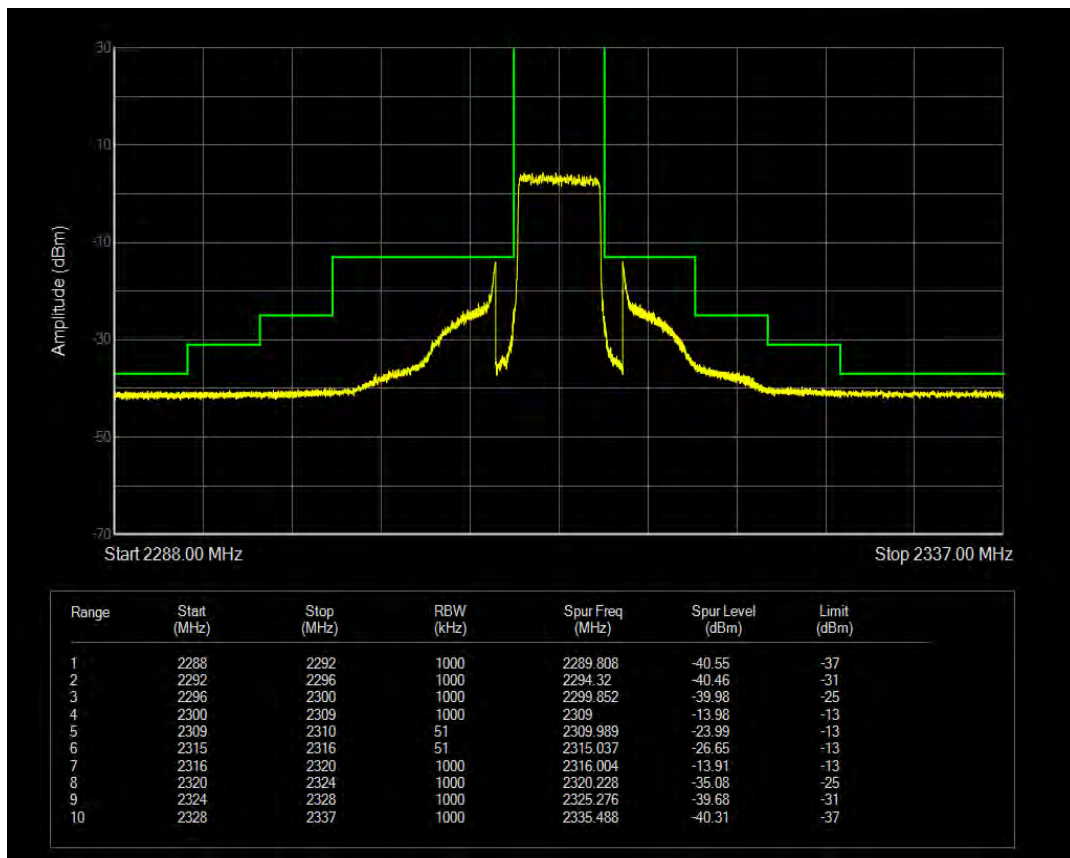
Band30 QPSK BW=10MHz Channel=27710 RB Size=50 Position=#0



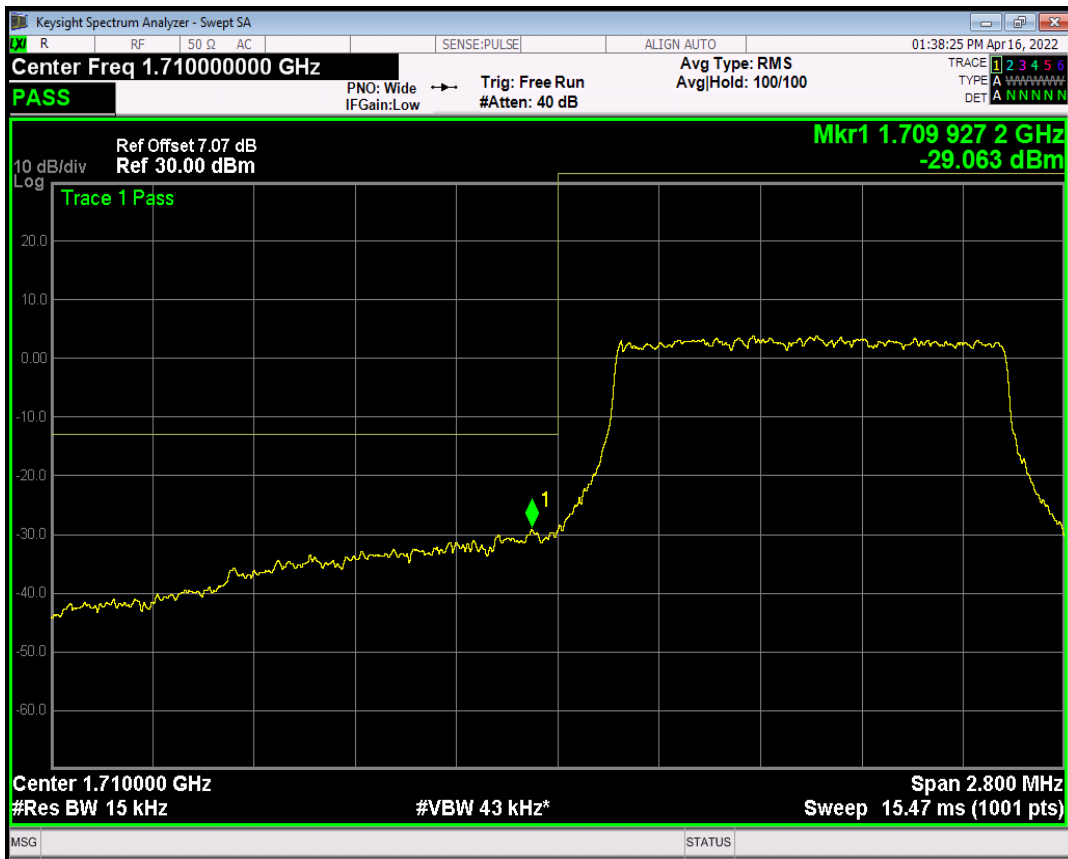
Band30 QPSK BW=5MHz Channel=27685 RB Size=25 Position=#0



Band30 QPSK BW=5MHz Channel=27735 RB Size=25 Position=#0



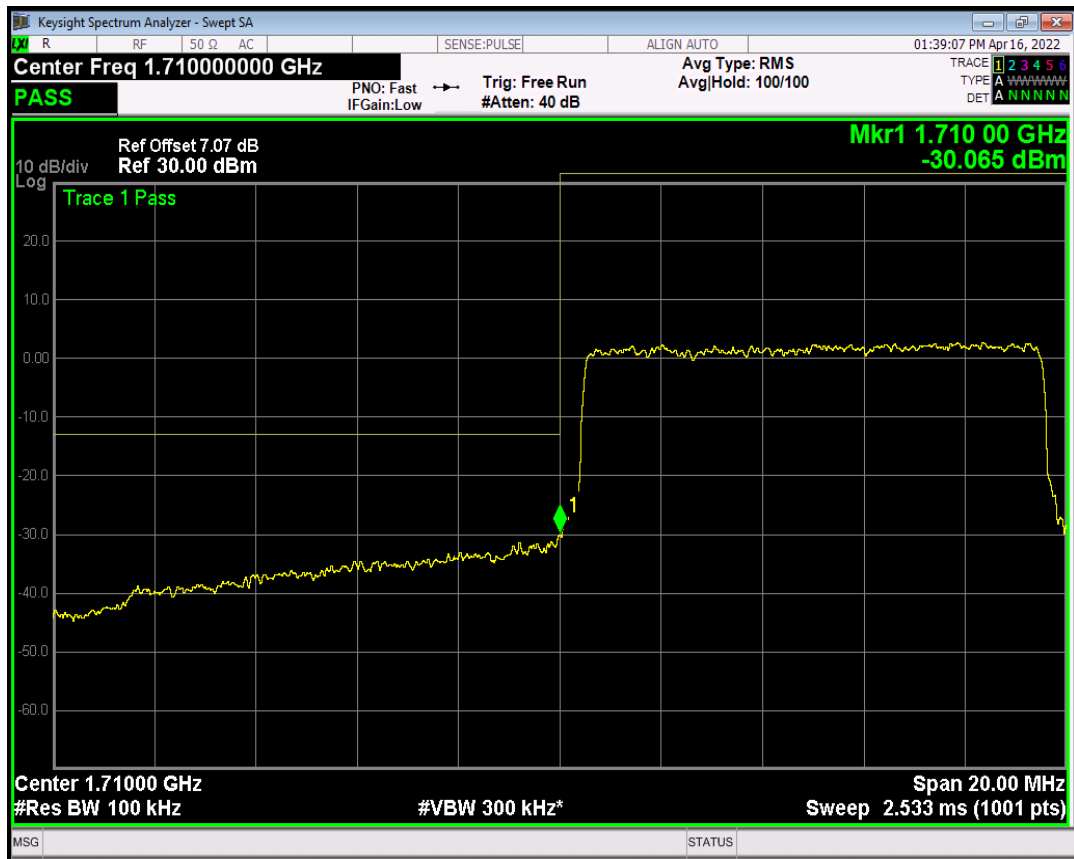
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



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



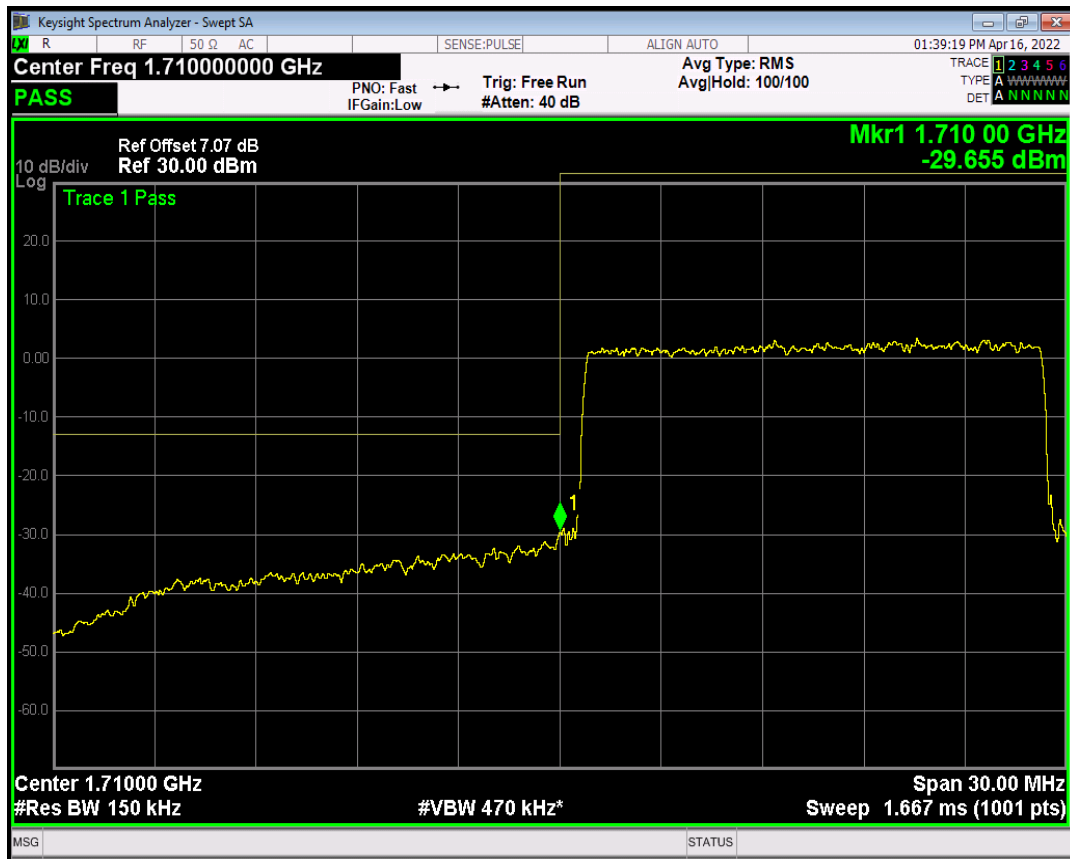
Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0



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



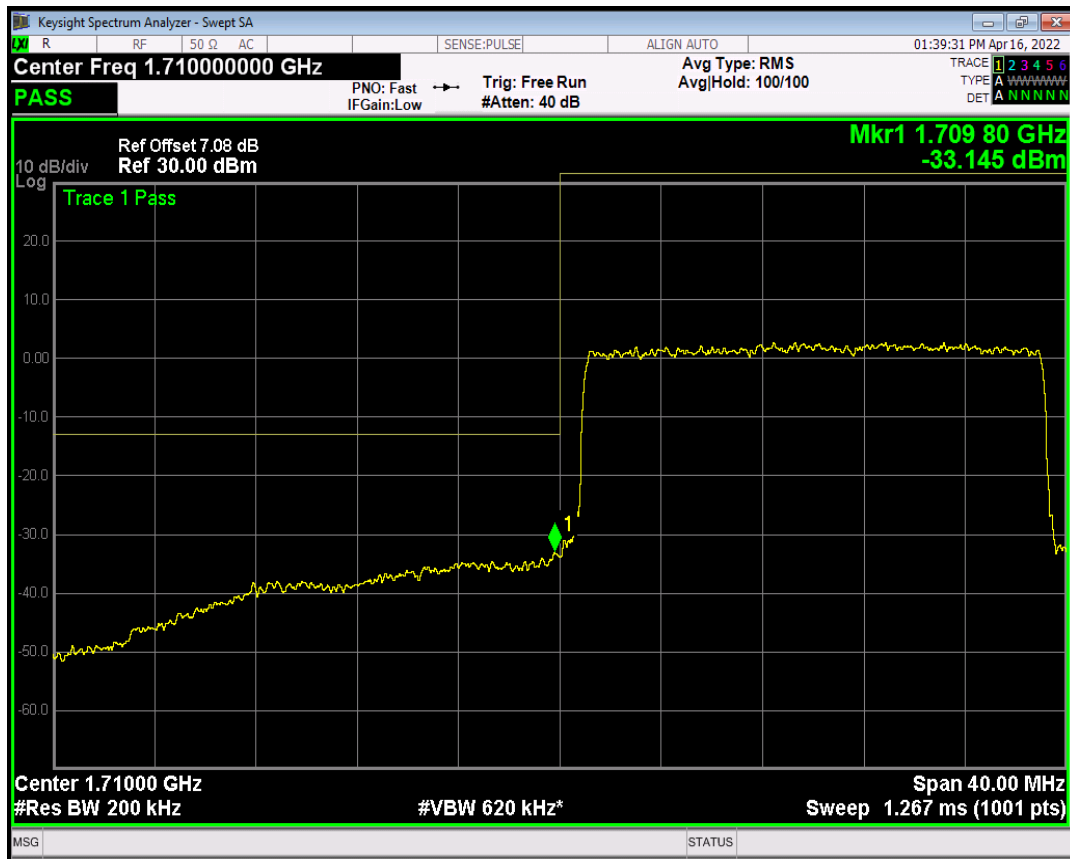
Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0



Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0



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



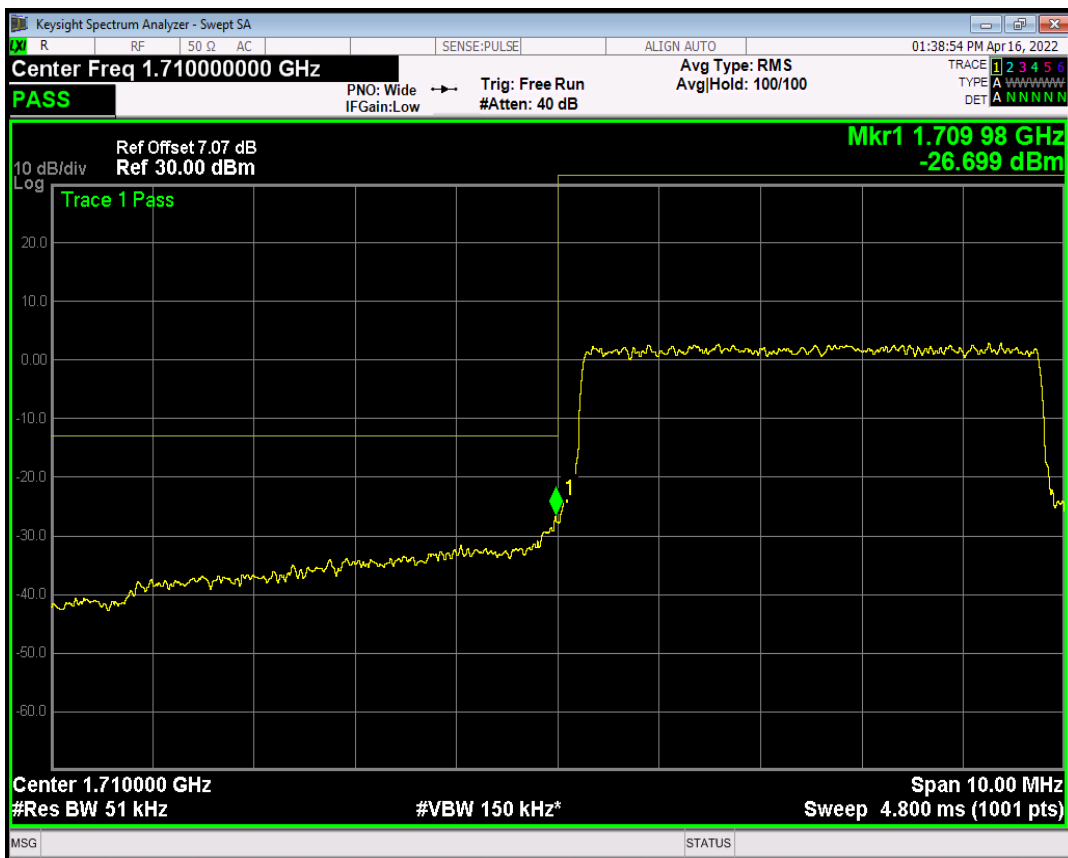
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



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



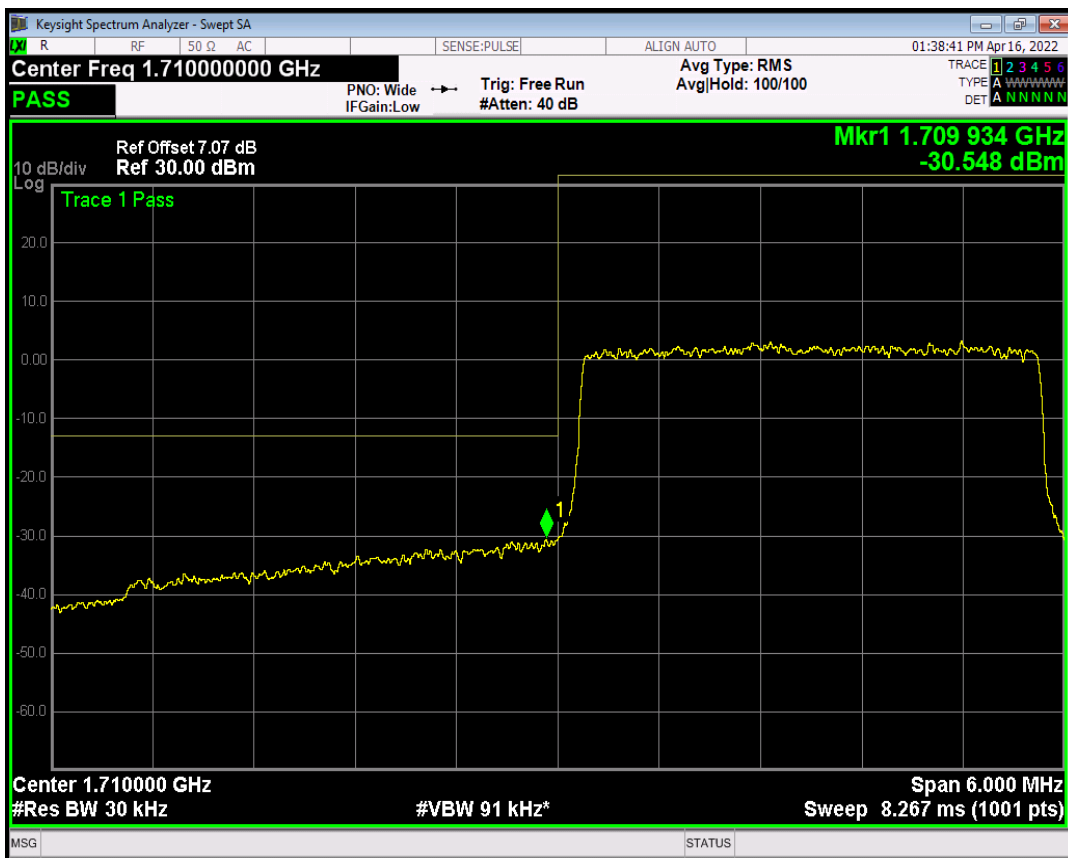
Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



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



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



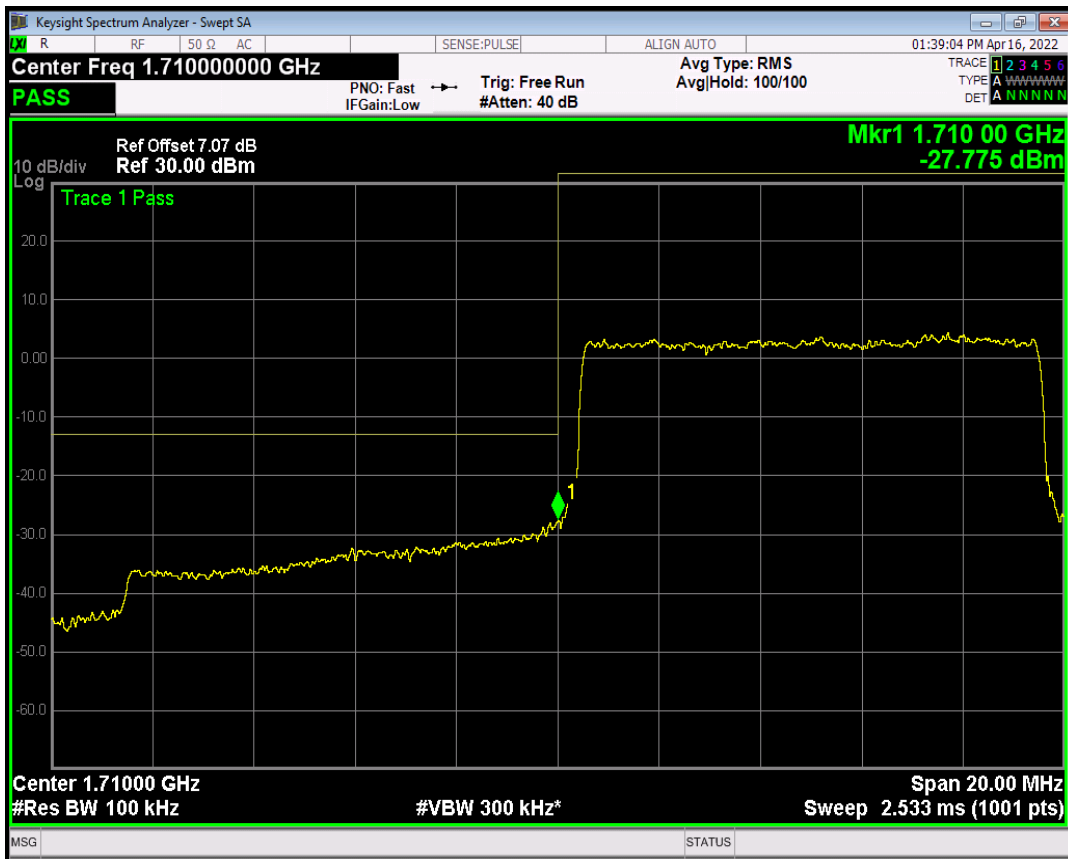
Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0



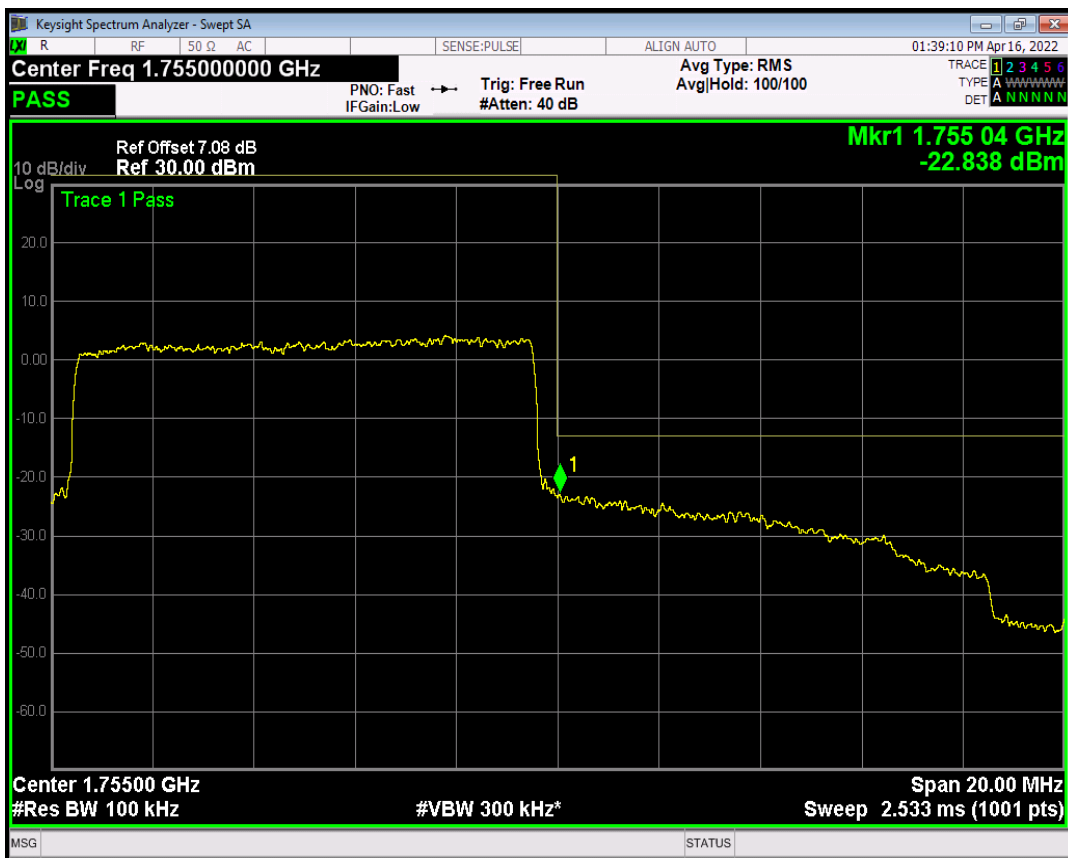
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



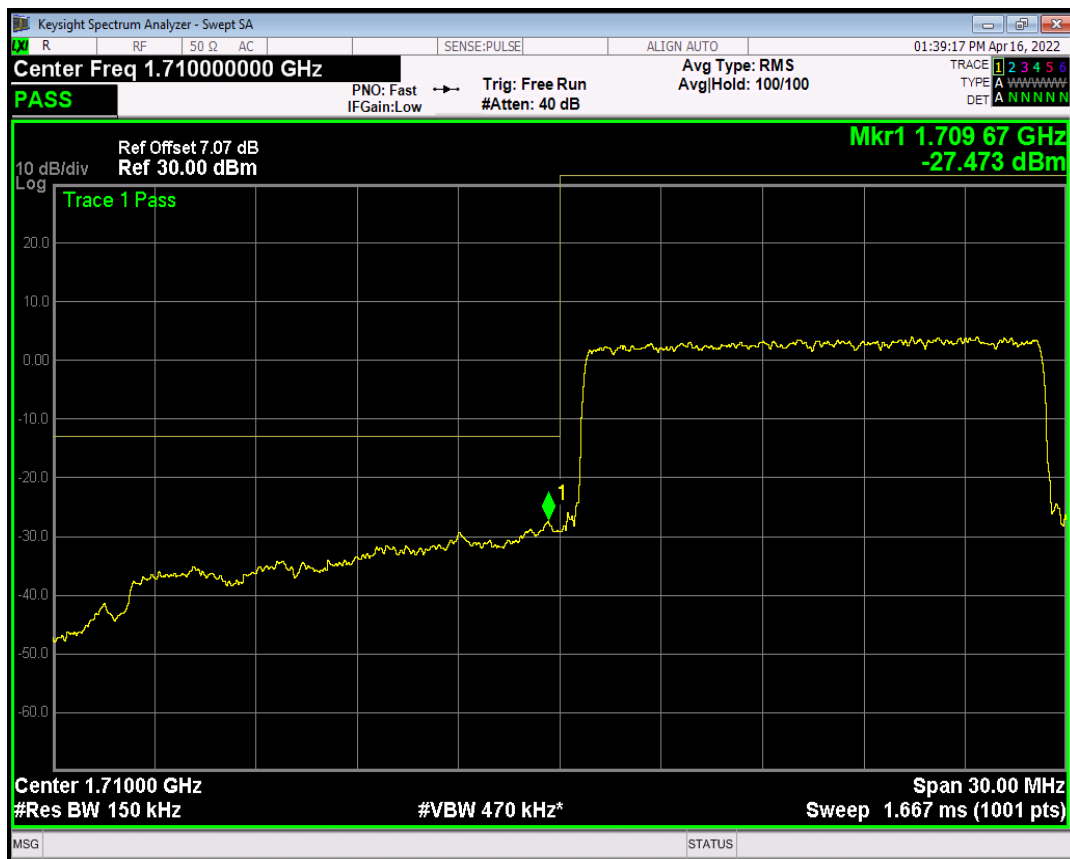
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



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



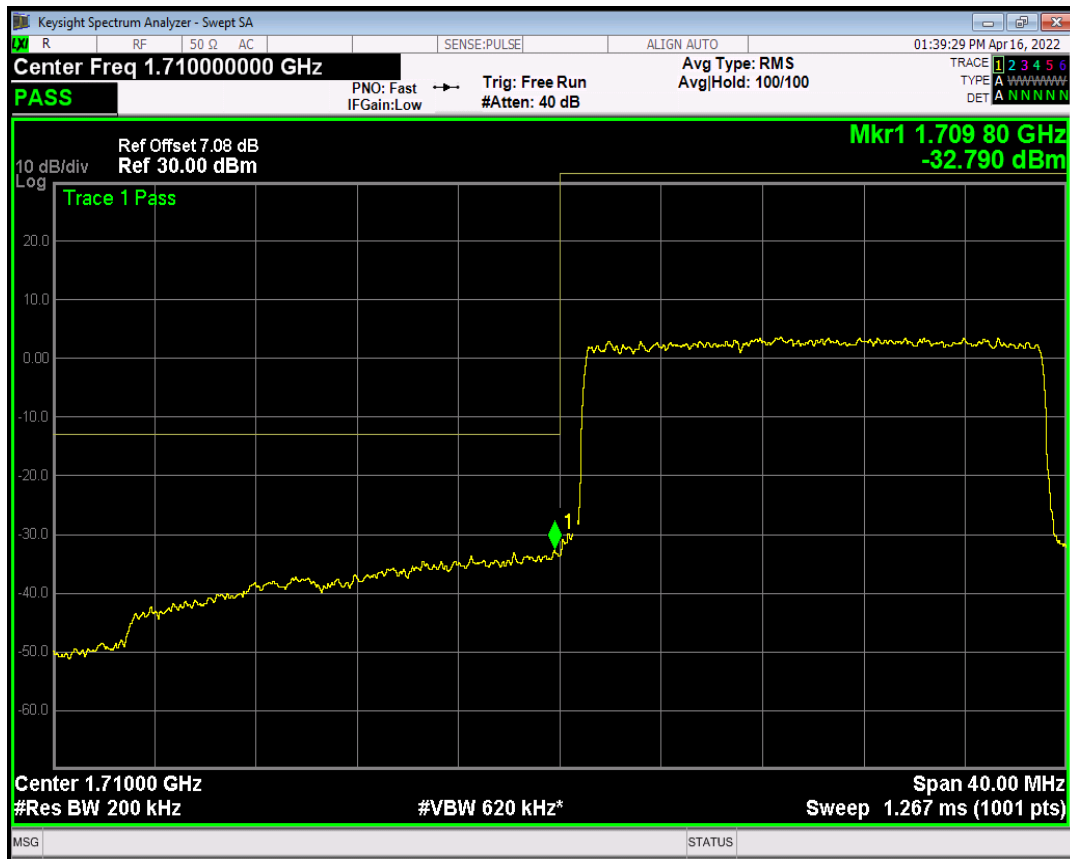
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



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



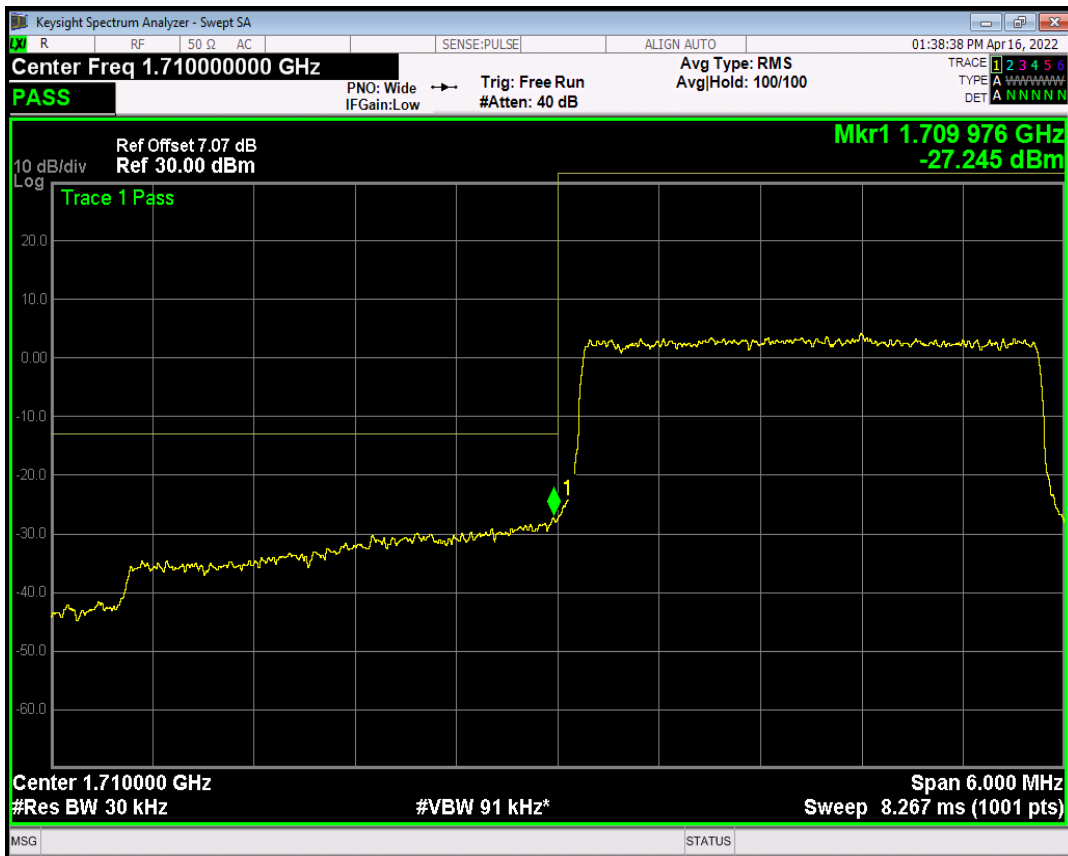
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



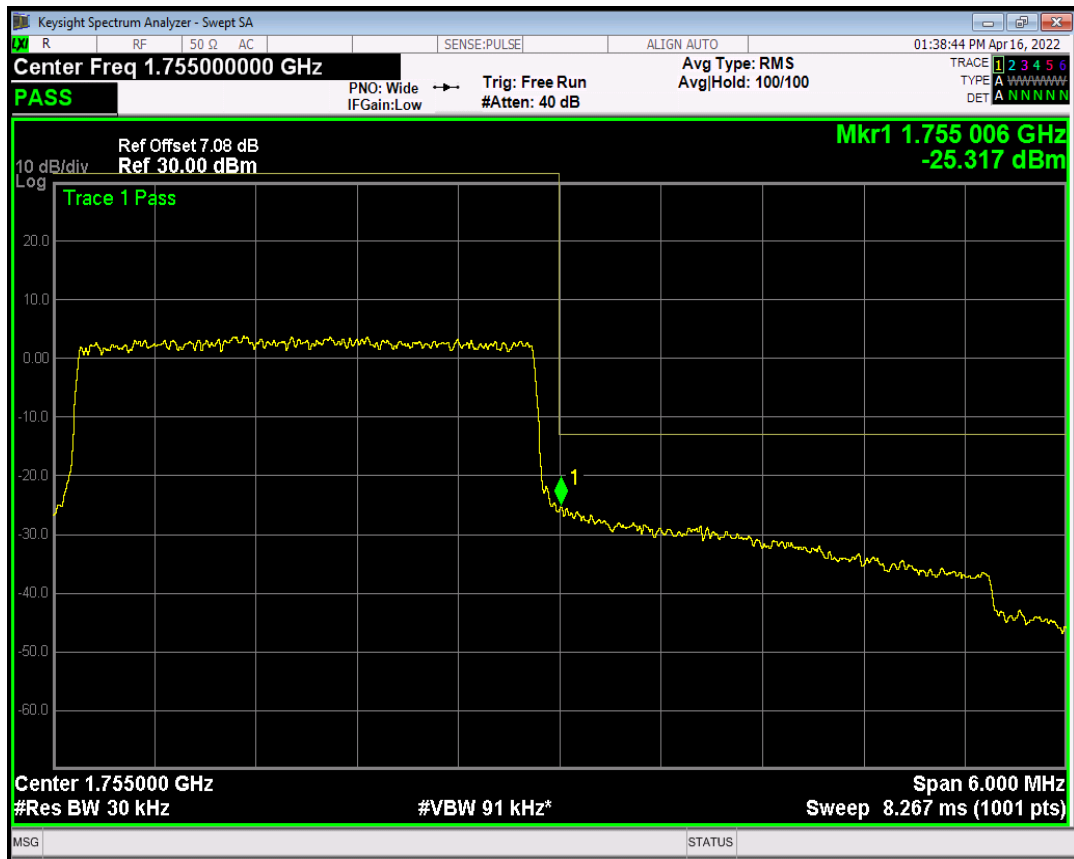
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



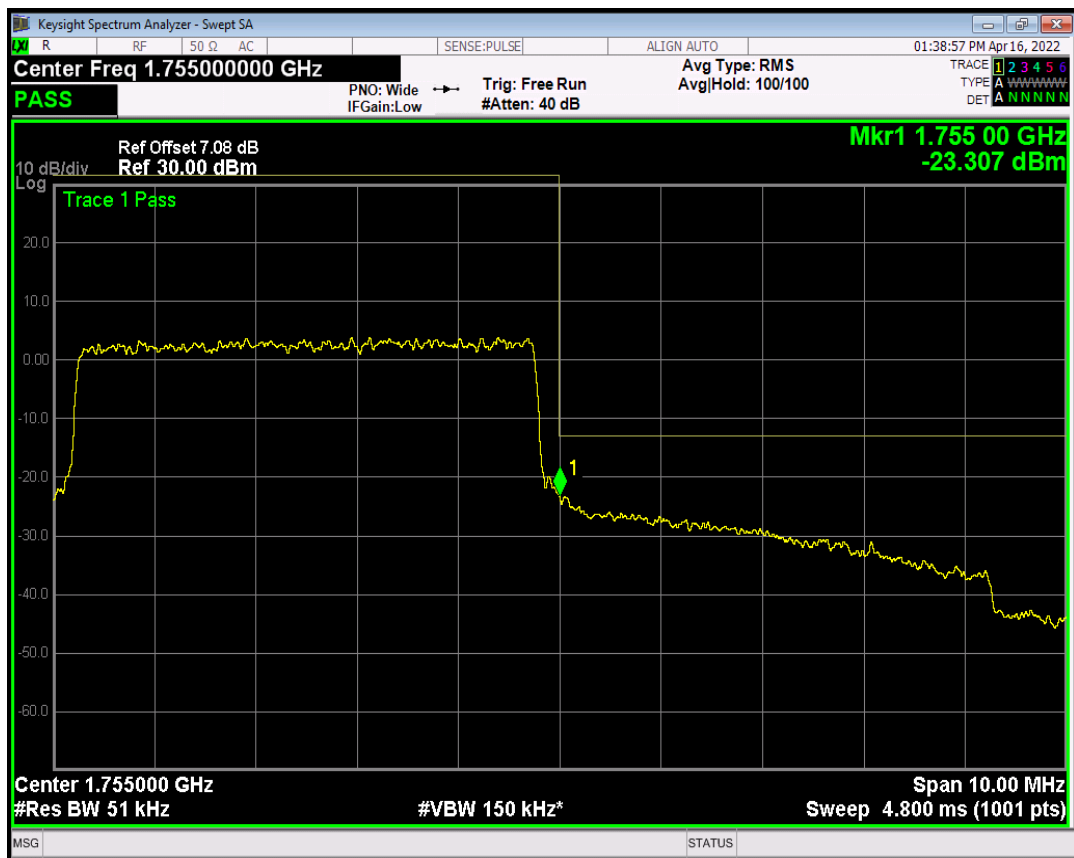
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



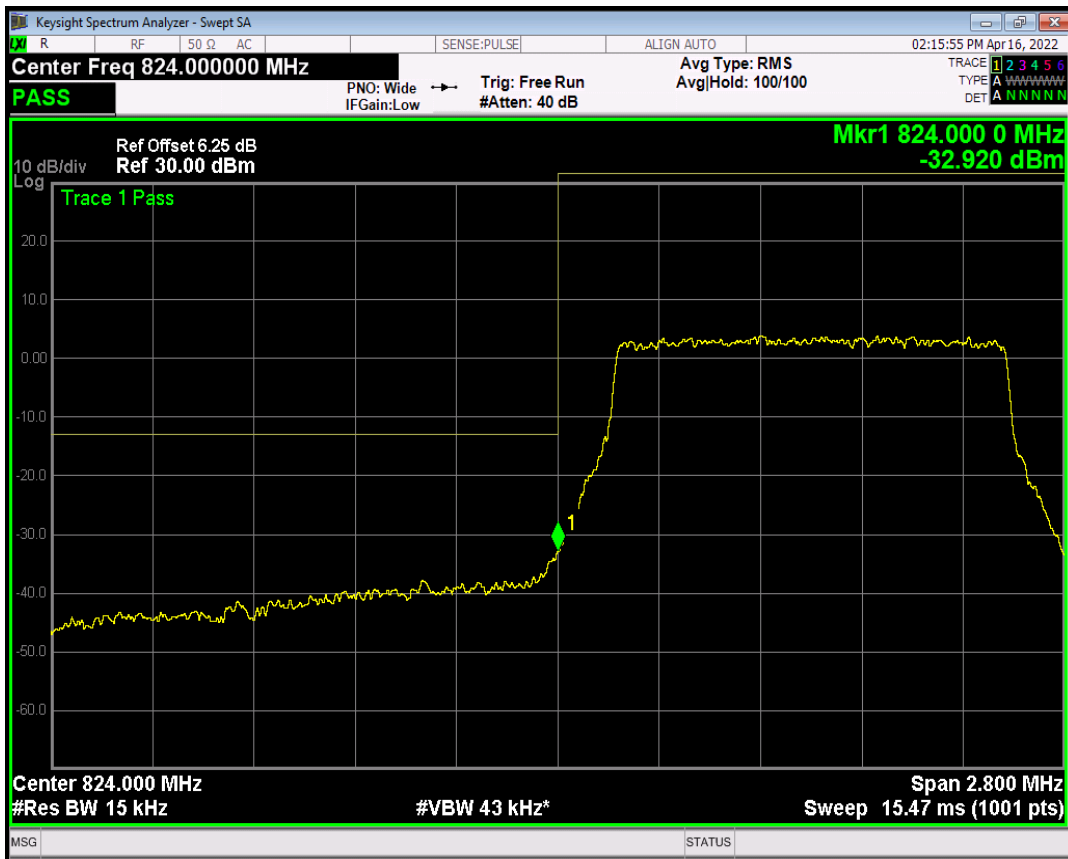
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



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



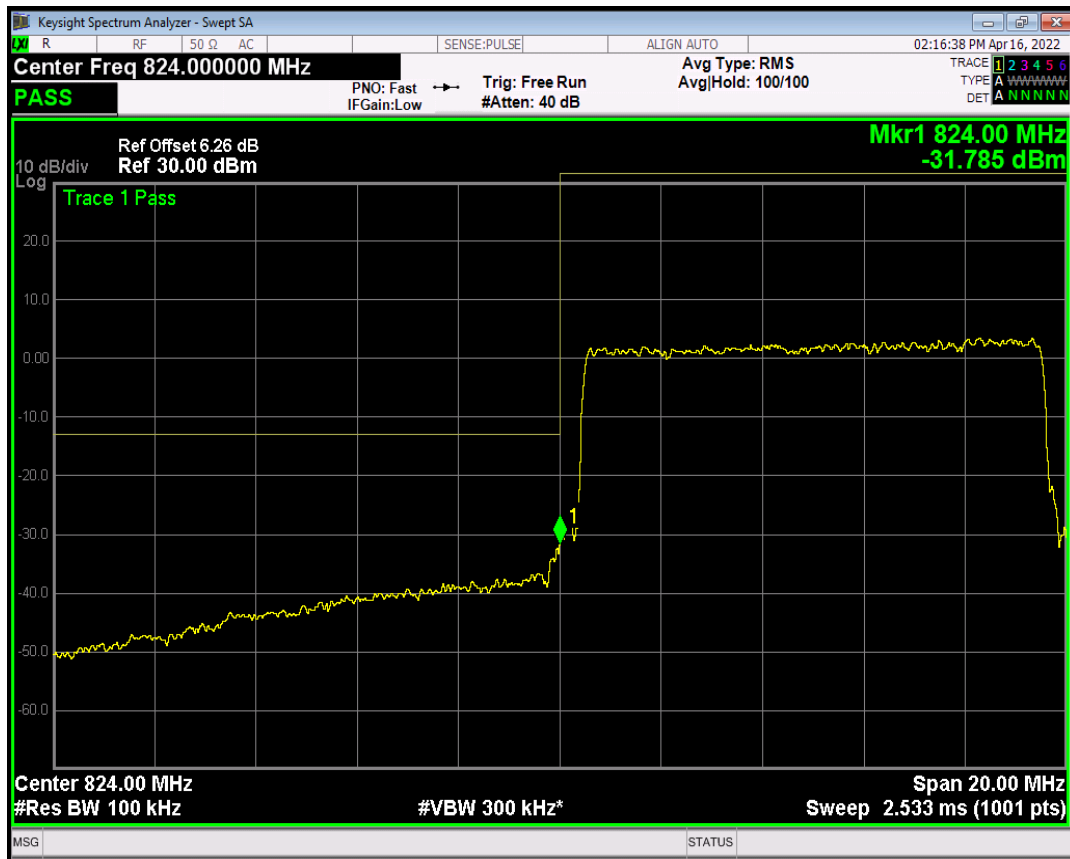
Band5 QAM16 BW=1.4MHz Channel=20407 RB Size=6 Position=#0



Band5 QAM16 BW=1.4MHz Channel=20643 RB Size=6 Position=#0



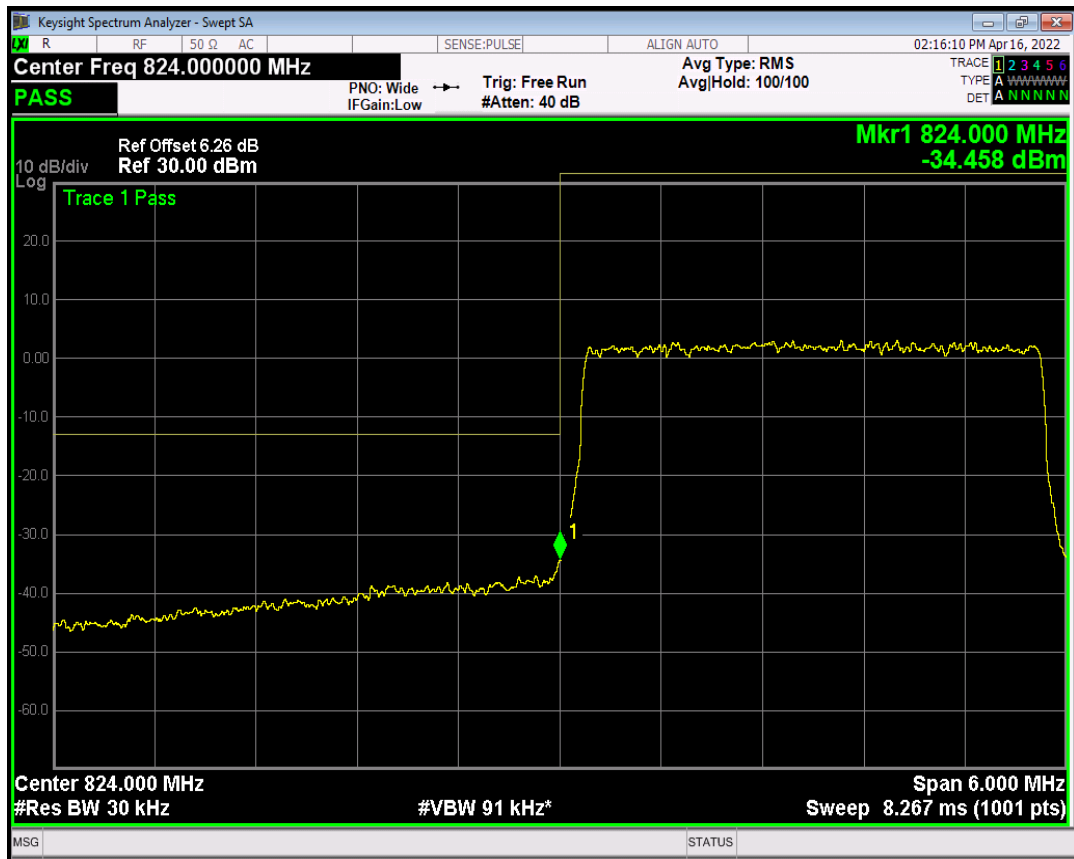
Band5 QAM16 BW=10MHz Channel=20450 RB Size=50 Position=#0



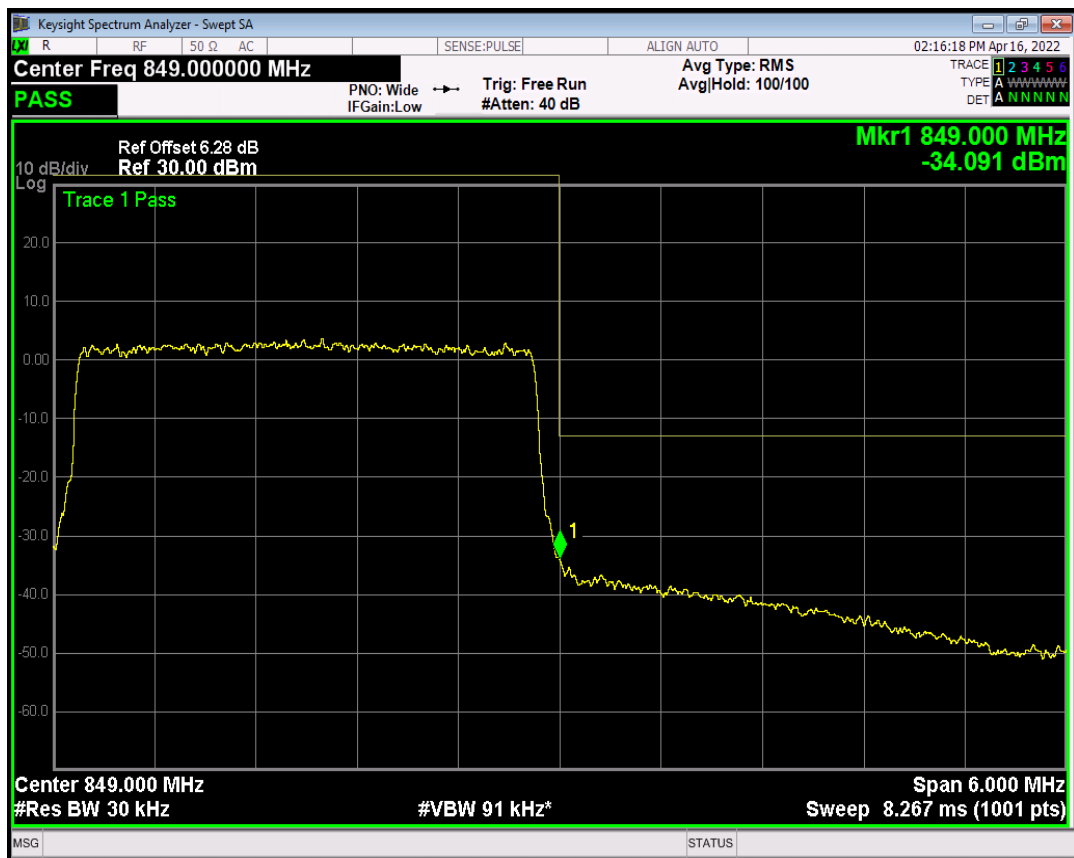
Band5 QAM16 BW=10MHz Channel=20600 RB Size=50 Position=#0



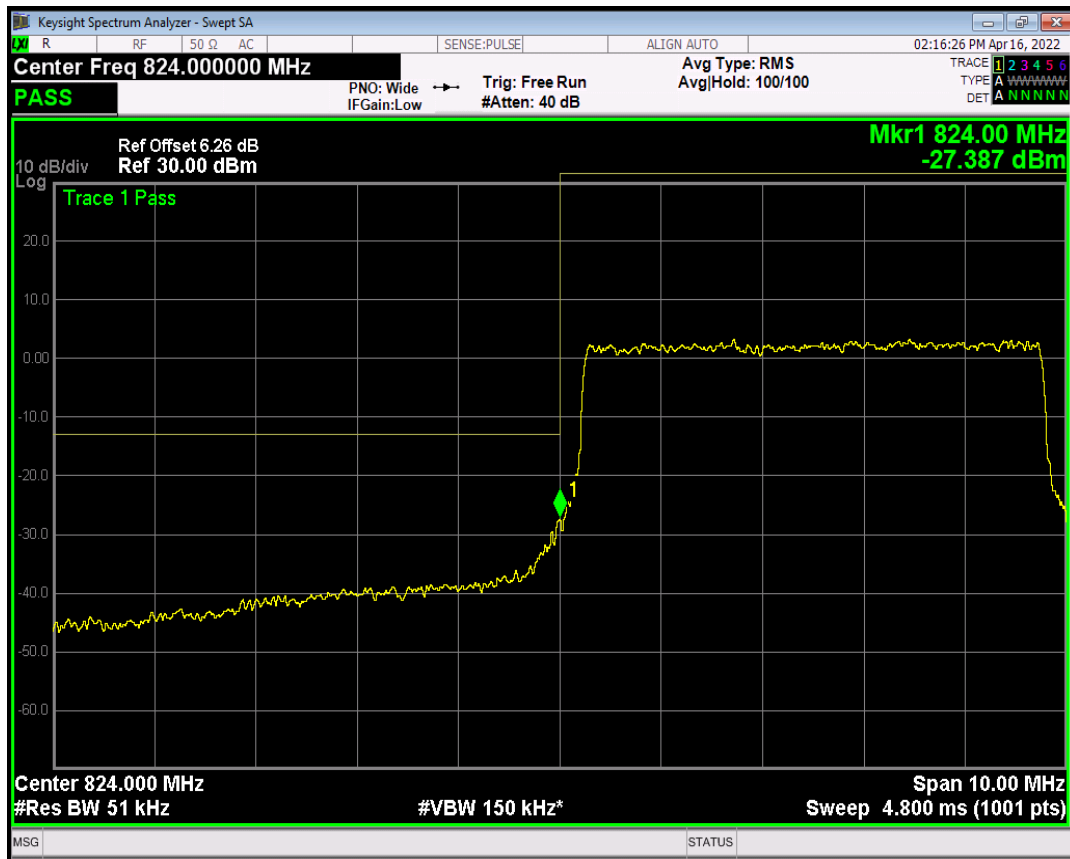
Band5 QAM16 BW=3MHz Channel=20415 RB Size=15 Position=#0



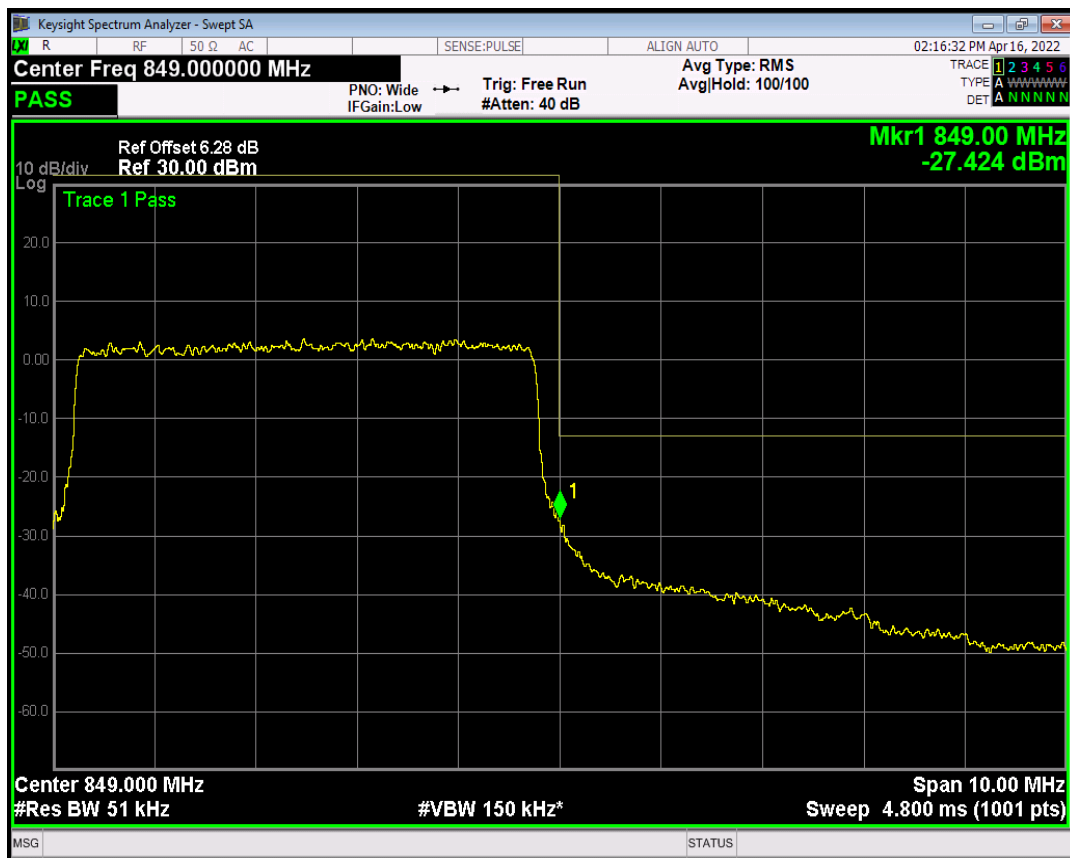
Band5 QAM16 BW=3MHz Channel=20635 RB Size=15 Position=#0



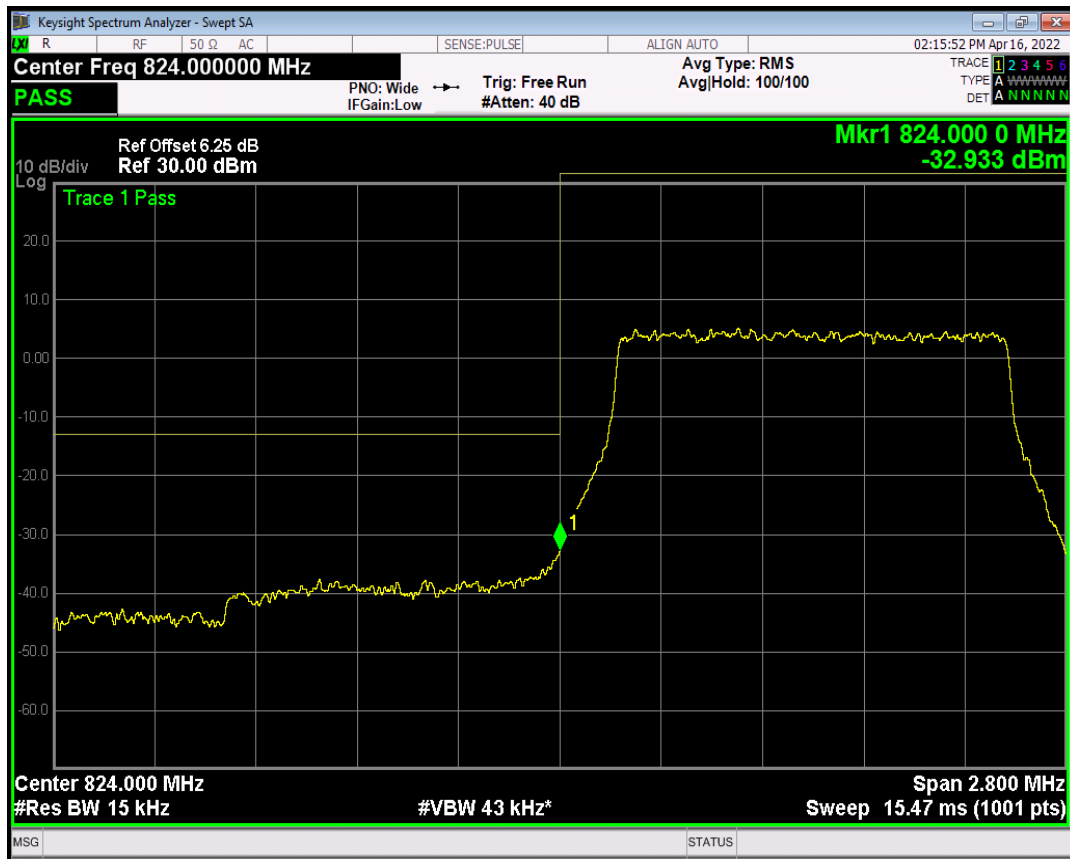
Band5 QAM16 BW=5MHz Channel=20425 RB Size=25 Position=#0



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



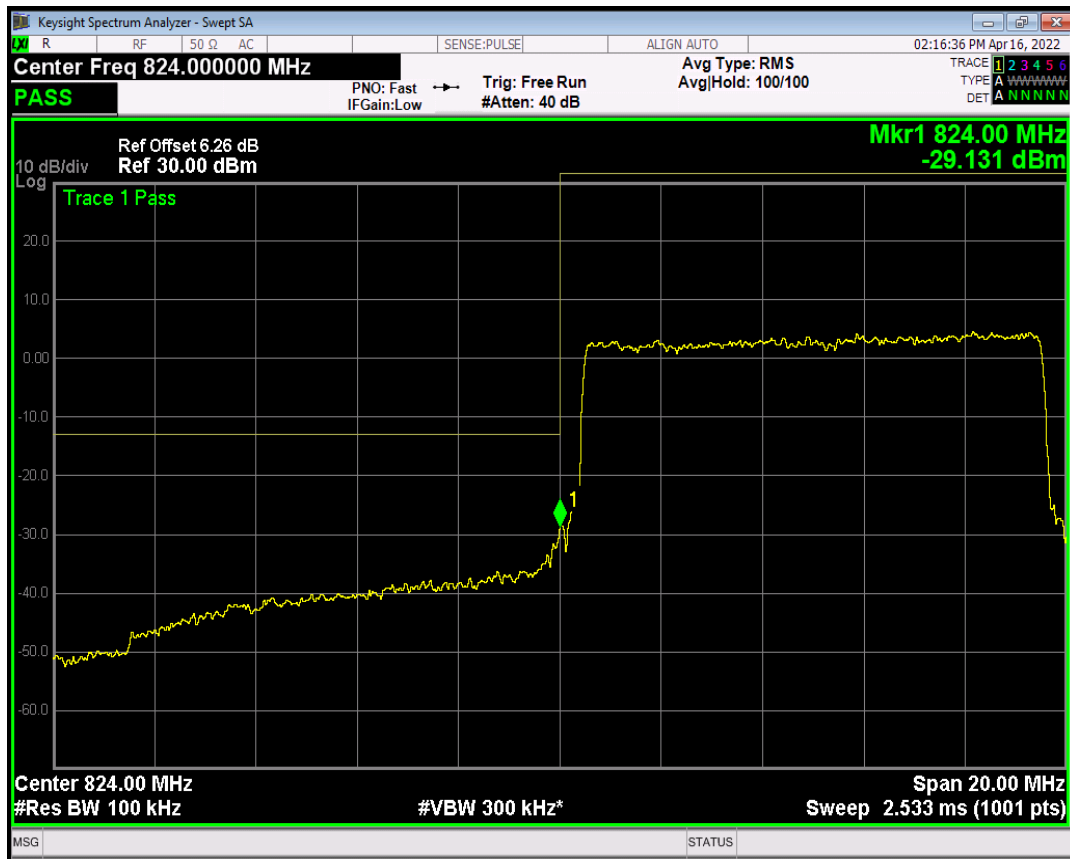
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



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



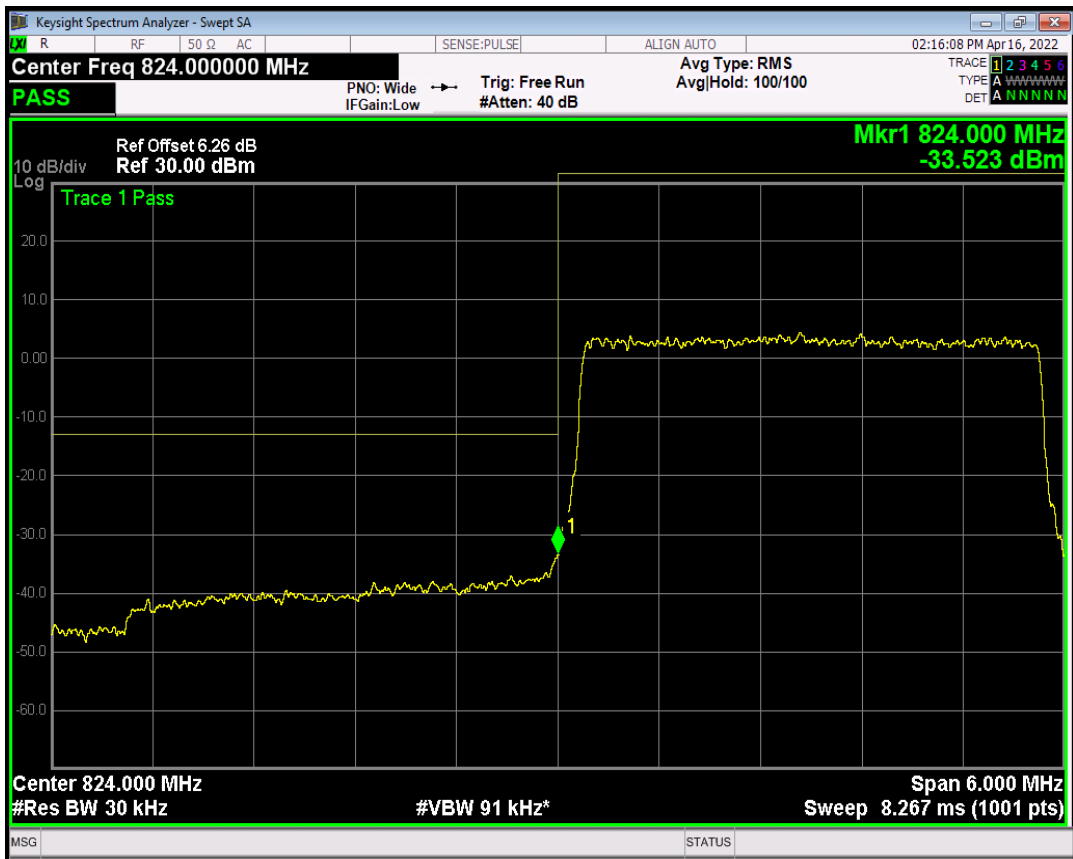
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



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



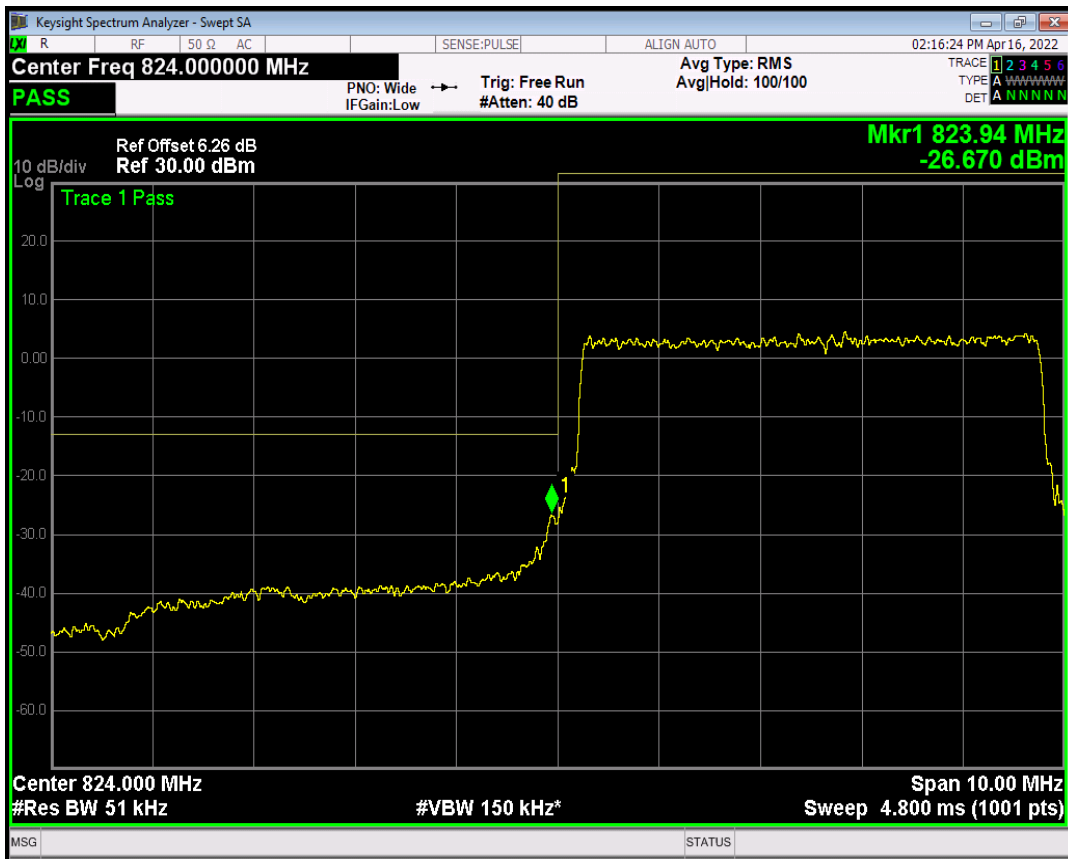
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



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



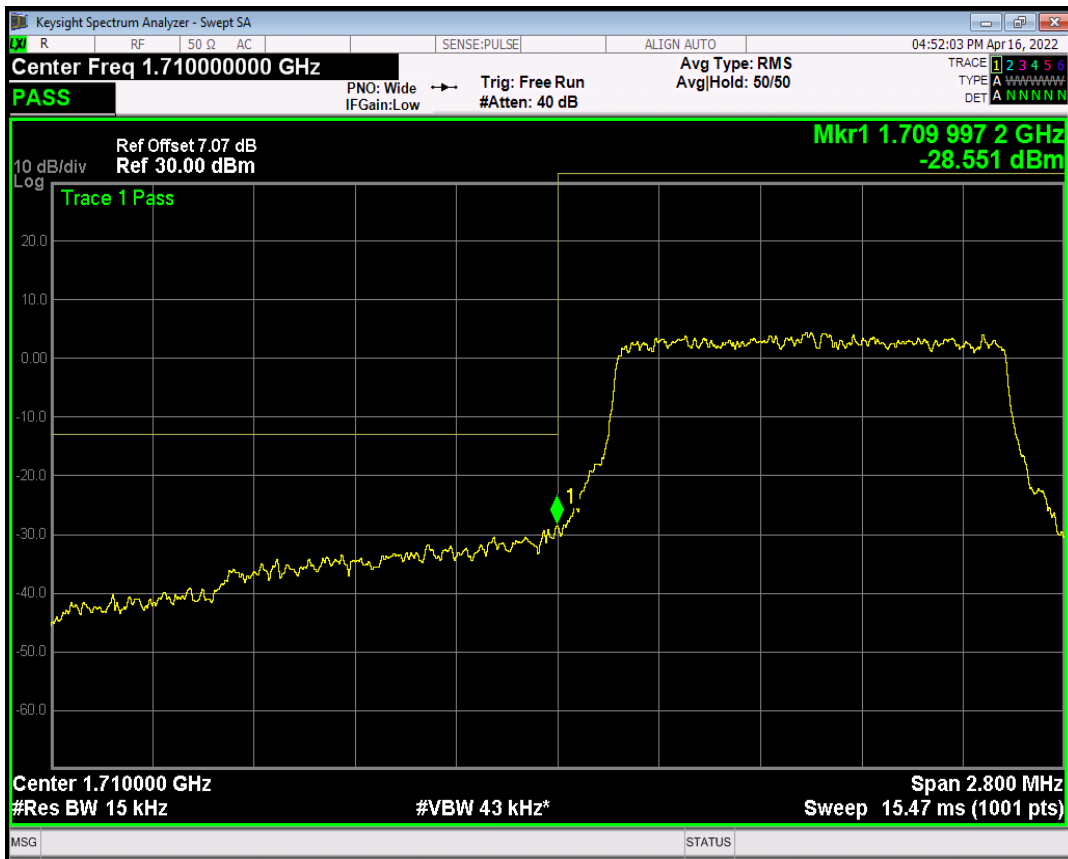
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



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



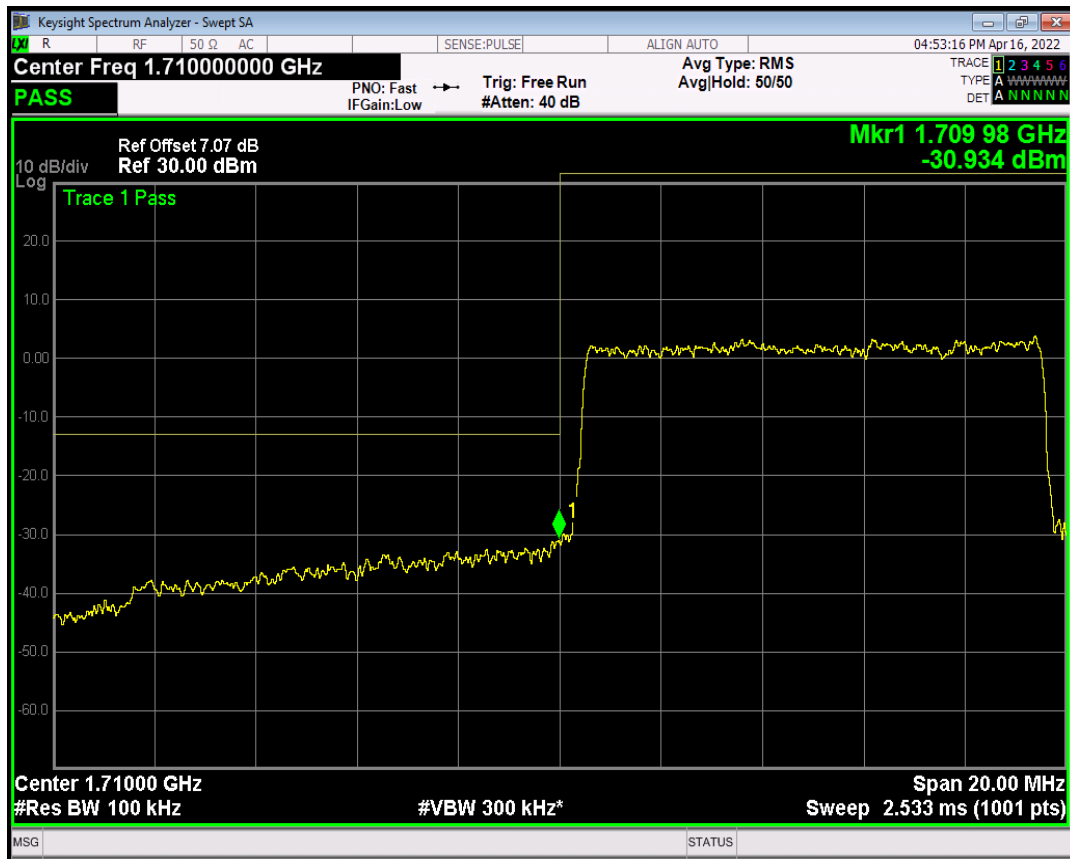
Band66 QAM16 BW=1.4MHz Channel=131979 RB Size=6 Position=#0



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



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



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



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

Keysight Spectrum Analyzer - Swept SA

R RF 50 Ω AC SENSE:PULSE ALIGN: AUTO 04:53:28 PM Apr 16, 2022

Center Freq 1.71000000 GHz Avg Type: RMS
#Res BW 150 kHz #VBW 470 kHz* Sweep 1.667 ms (1001 pts)

PNO: Fast IF Gain: Low Trig: Free Run #Atten: 40 dB

TRACE 1 2 3 4 5 6
TYPE A W W W W W W
DET A N N N N N

Ref Offset 7.07 dB
Ref 30.00 dBm

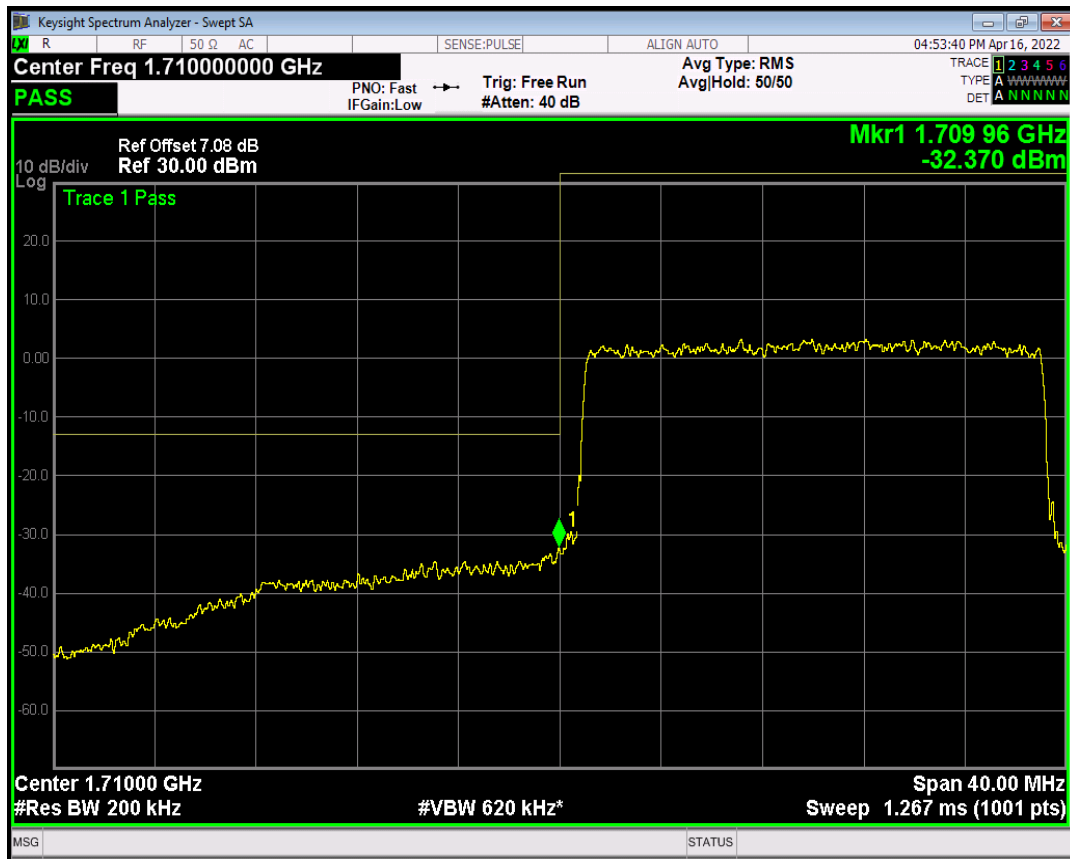
Mkr1 1.710 00 GHz
-28.664 dBm

Trace 1 Pass

10 dB/div
Log

Center 1.71000 GHz
#Res BW 150 kHz

Span 30.00 MHz
Sweep 1.667 ms (1001 pts)



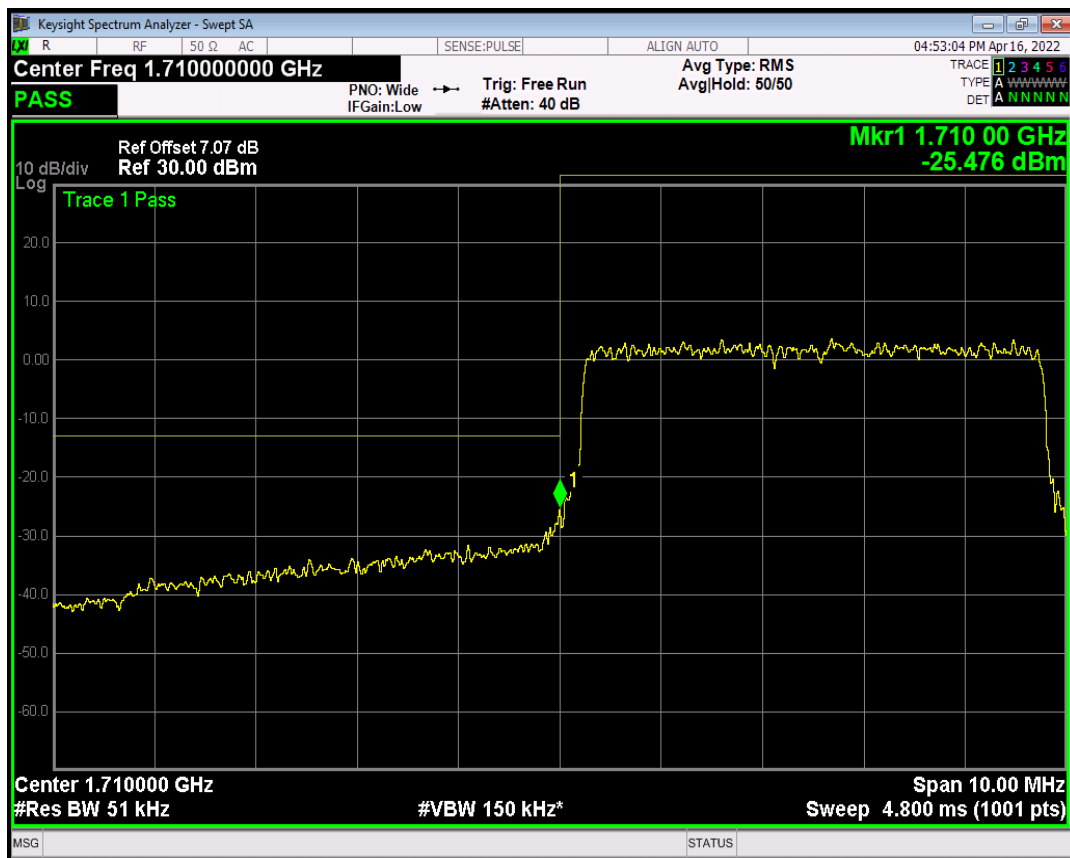
Band66 QPSK BW=1.4MHz Channel=132665 RB Size=6 Position=#0



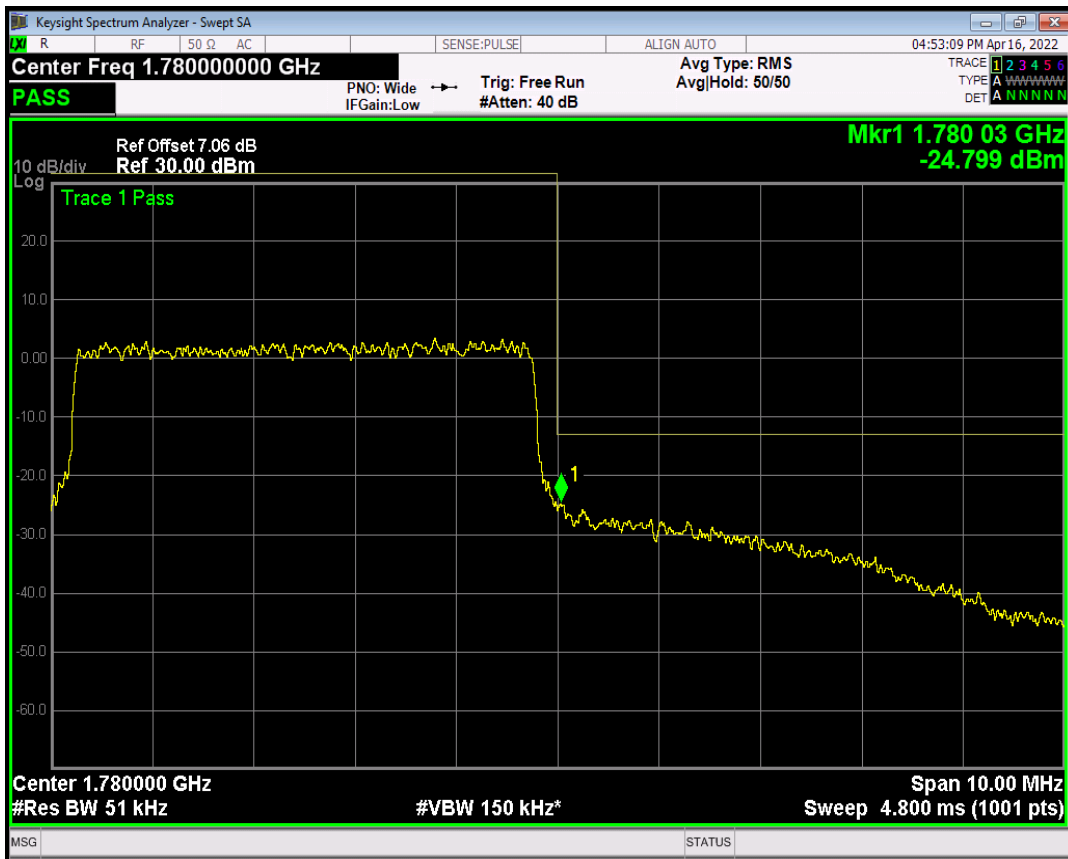
Band66 QPSK BW=1.4MHz Channel=131979 RB Size=6 Position=#0



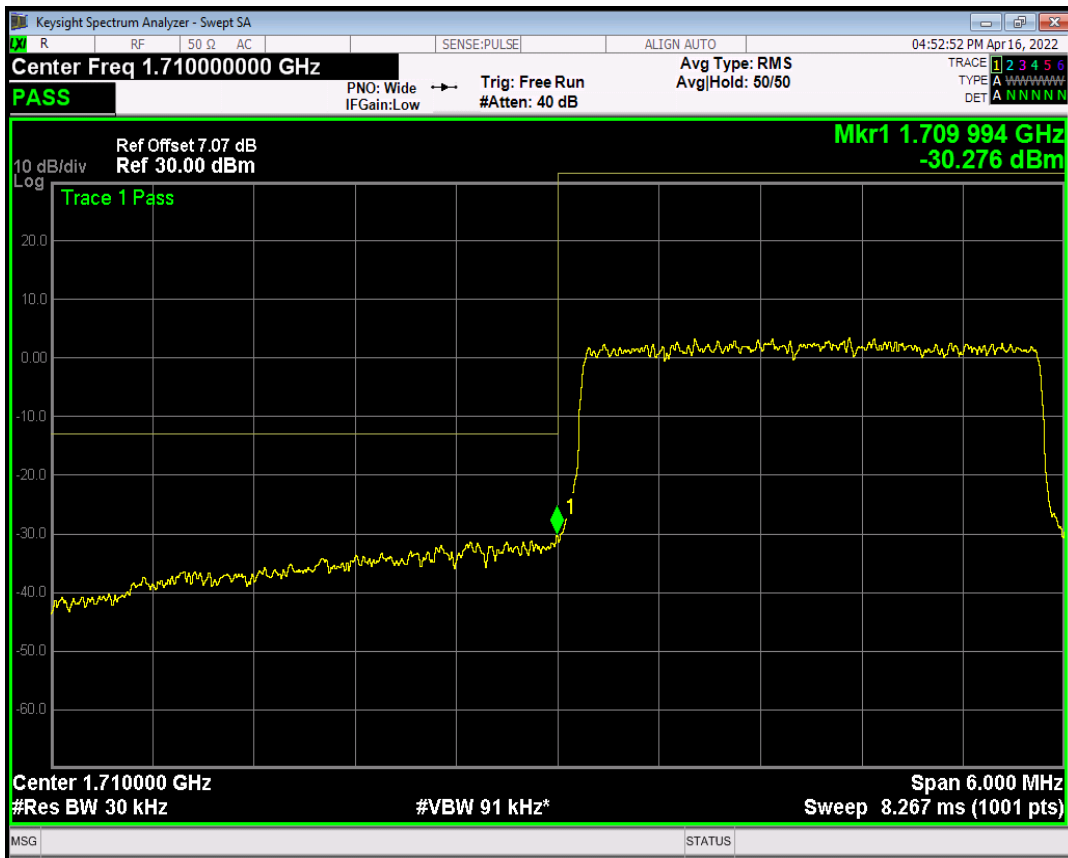
Band66 QAM16 BW=5MHz Channel=131997 RB Size=25 Position=#0



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



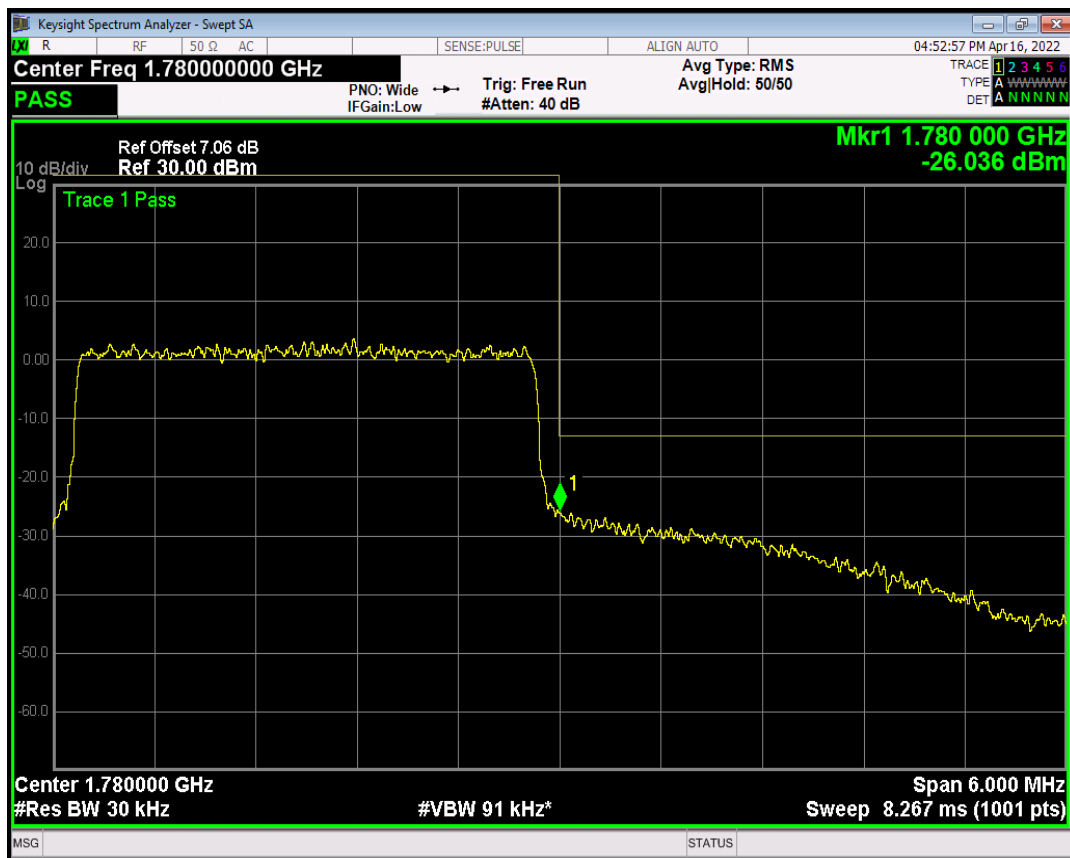
Band66 QAM16 BW=3MHz Channel=131987 RB Size=15 Position=#0



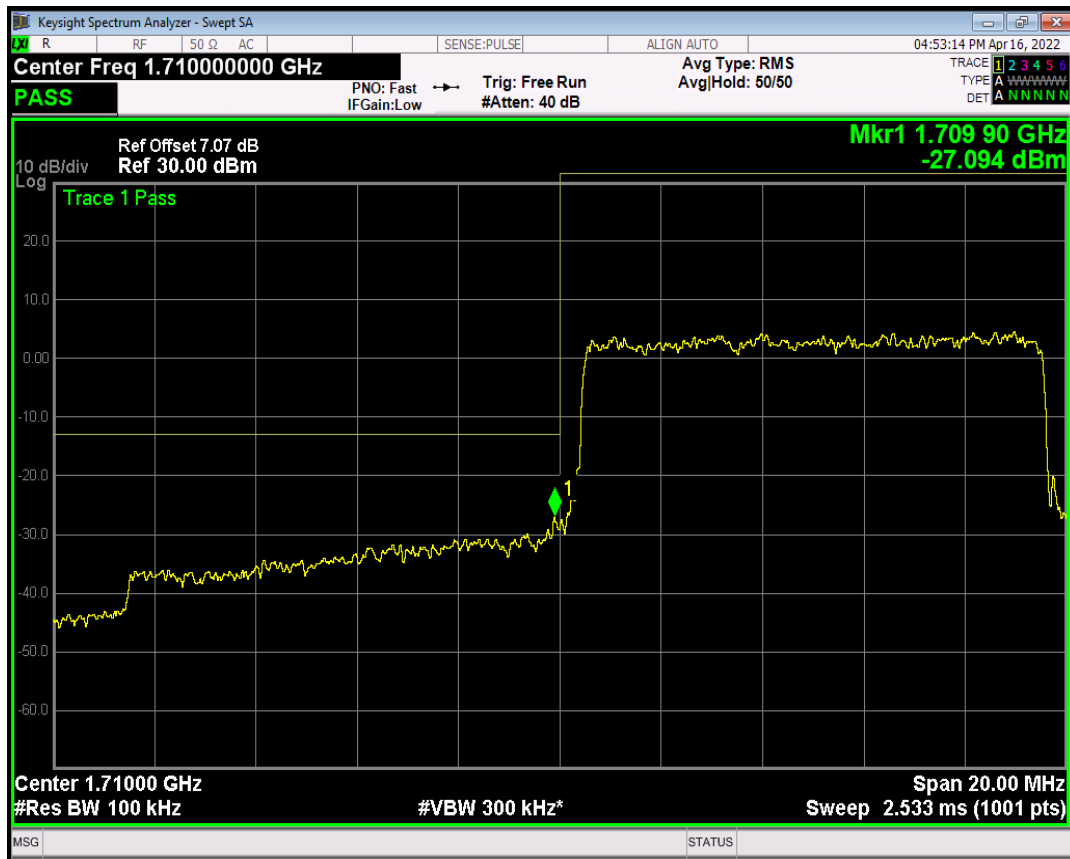
Band66 QAM16 BW=20MHz Channel=132572 RB Size=100 Position=#0



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



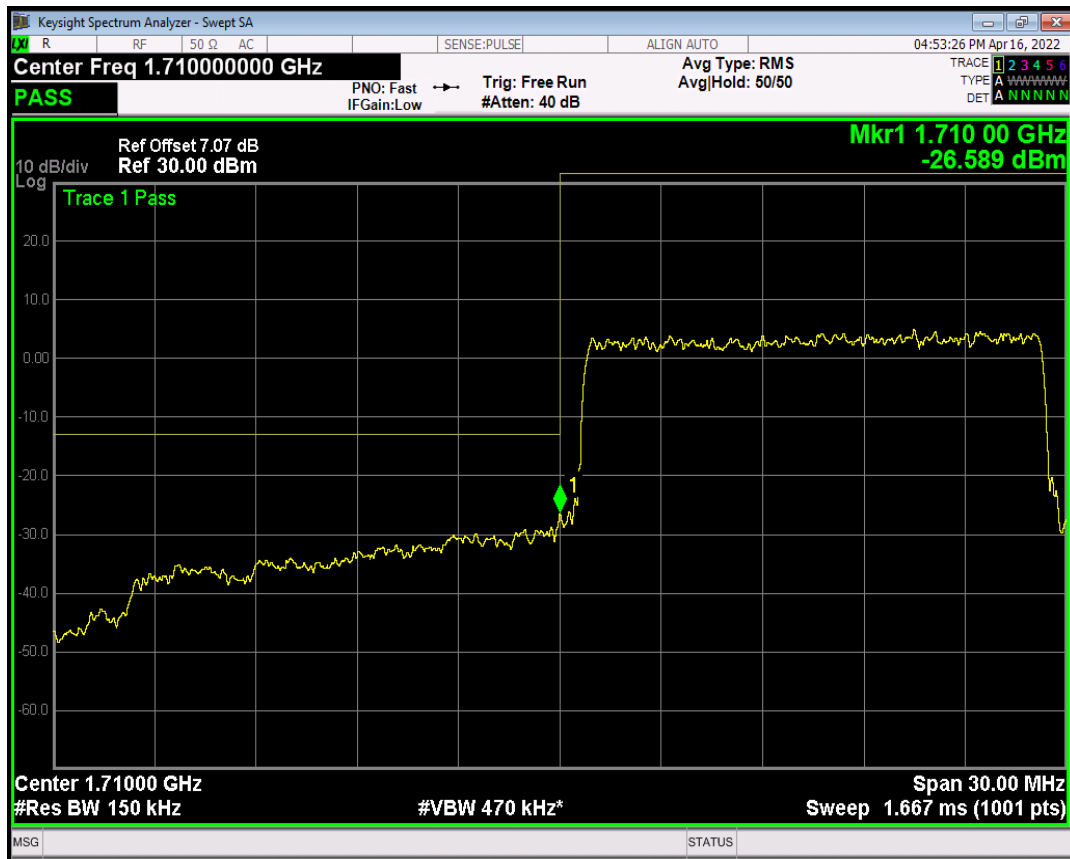
Band66 QPSK BW=10MHz Channel=132022 RB Size=50 Position=#0



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



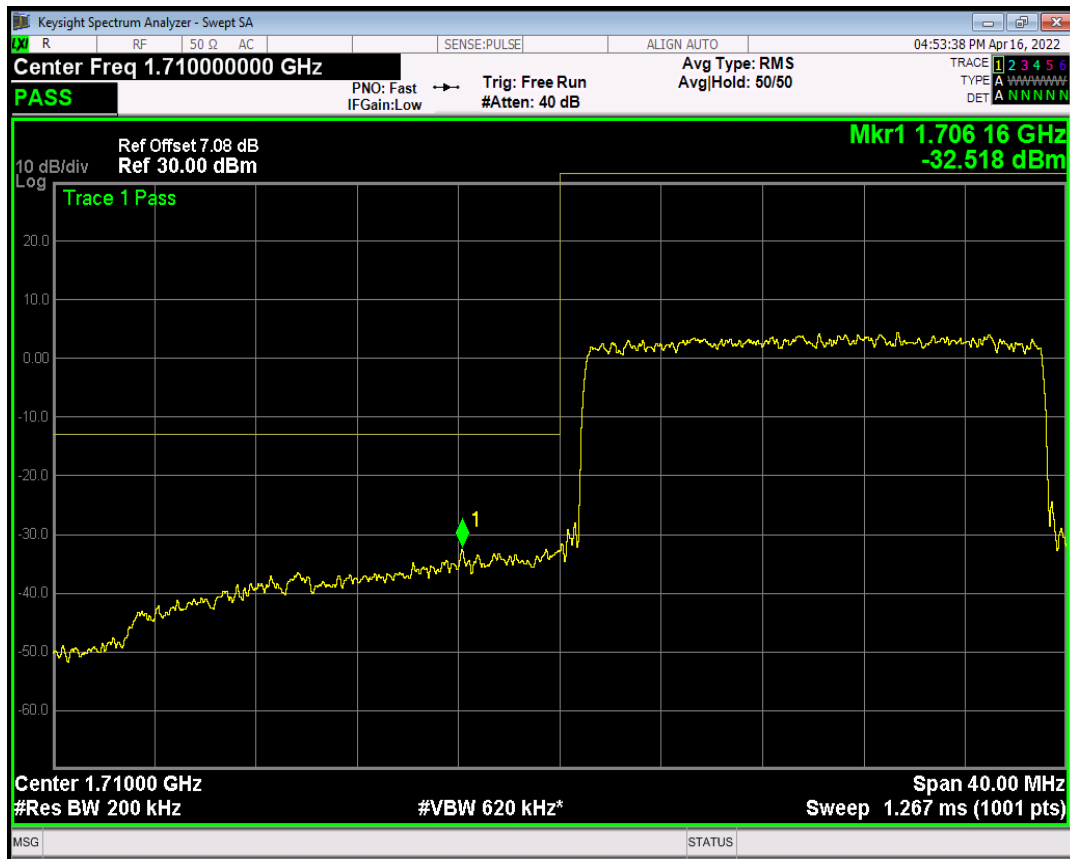
Band66 QPSK BW=15MHz Channel=132047 RB Size=75 Position=#0



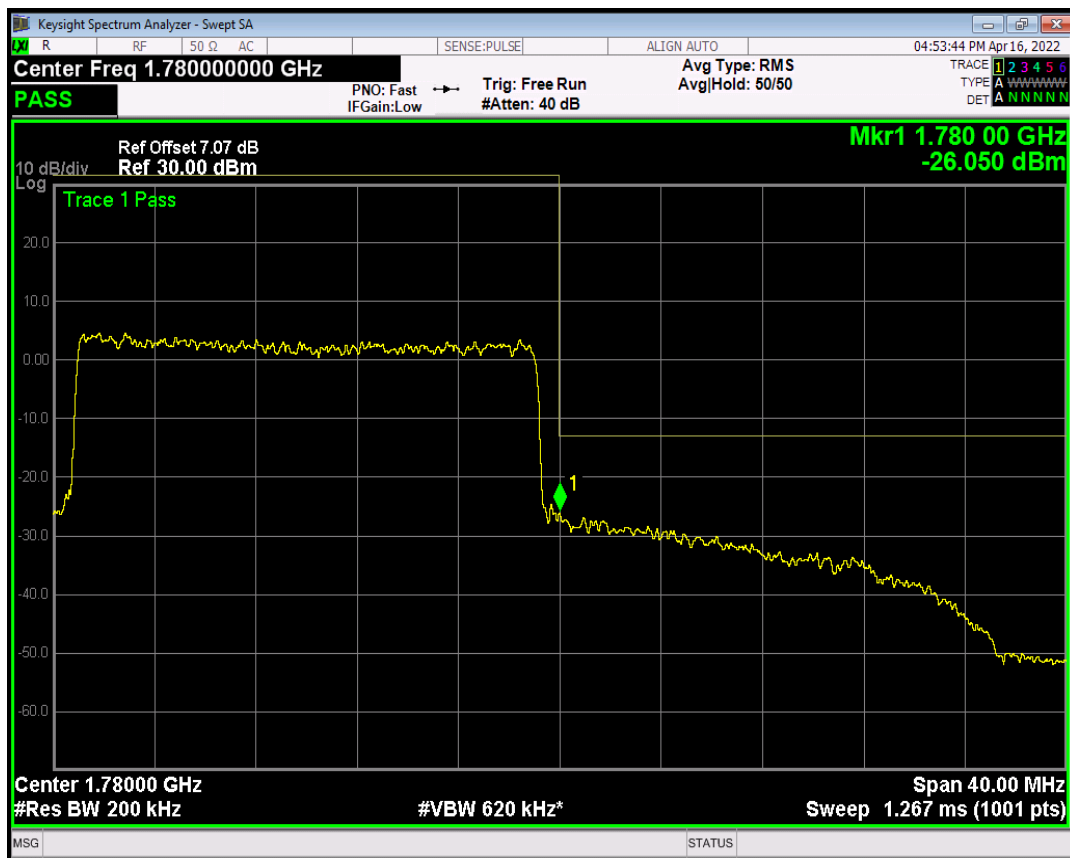
Band66 QPSK BW=15MHz Channel=132597 RB Size=75 Position=#0



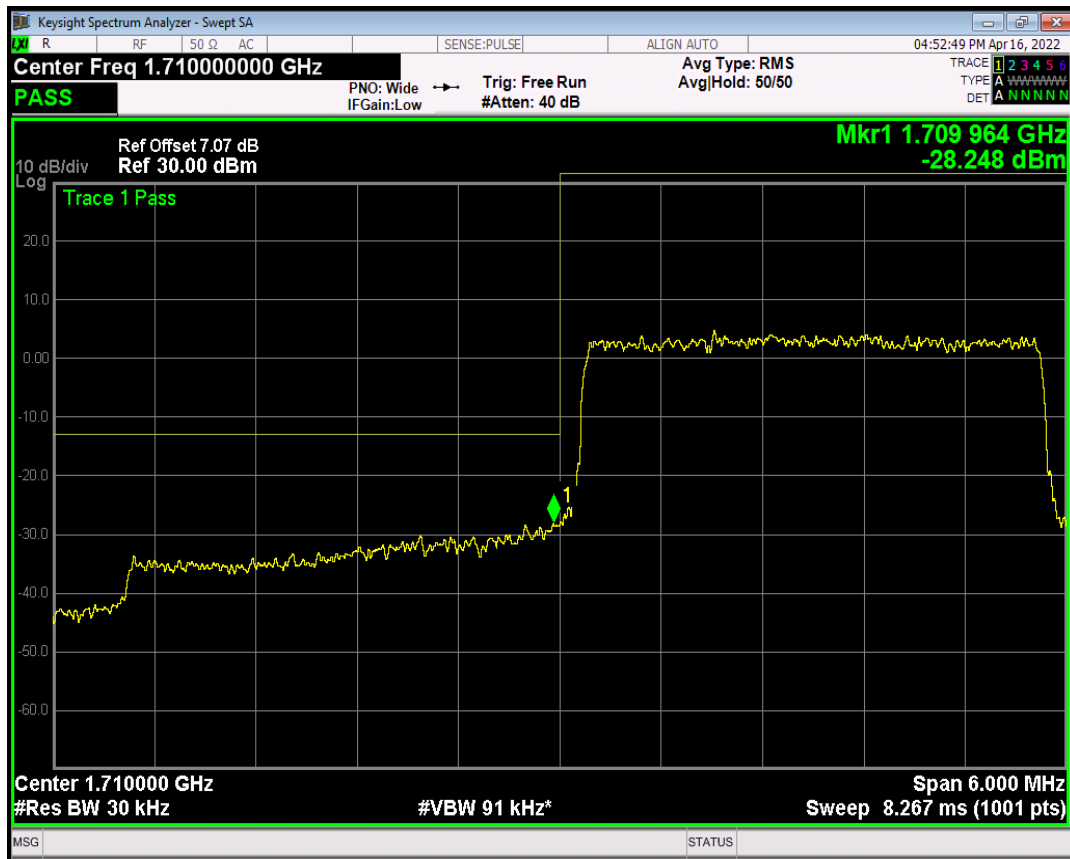
Band66 QPSK BW=20MHz Channel=132072 RB Size=100 Position=#0



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



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



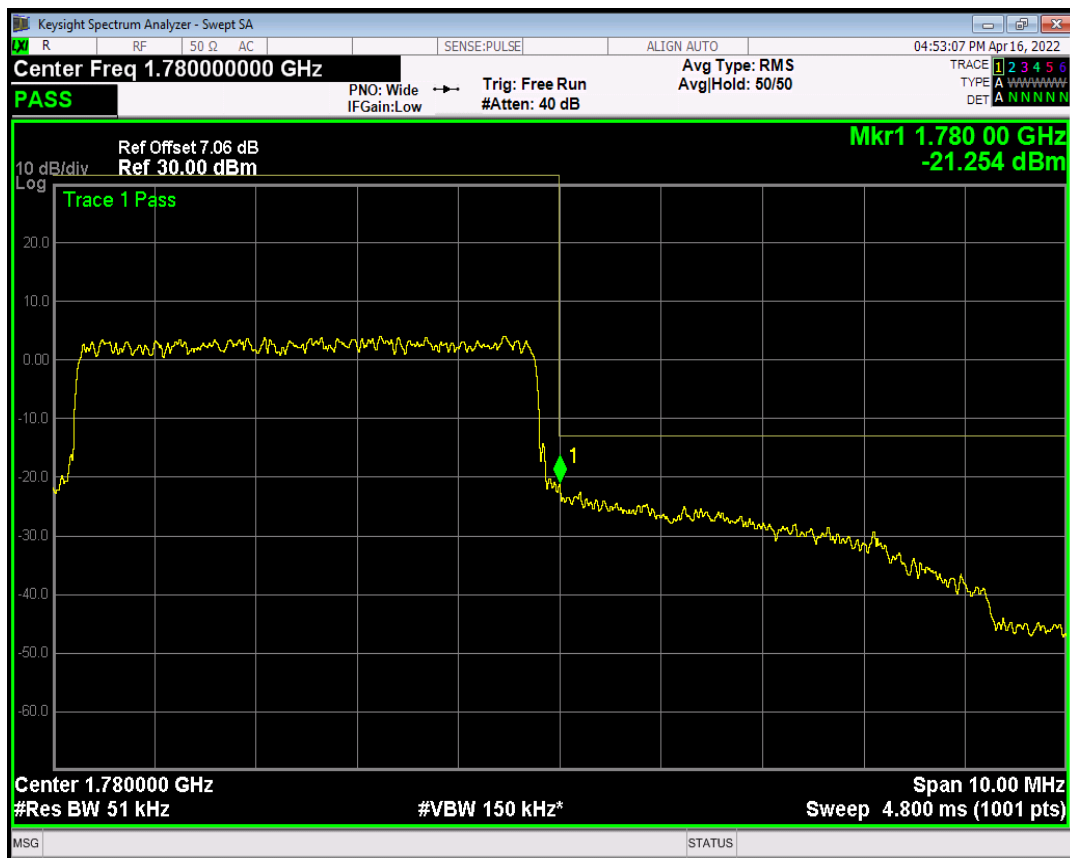
Band66 QPSK BW=5MHz Channel=131997 RB Size=25 Position=#0



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



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



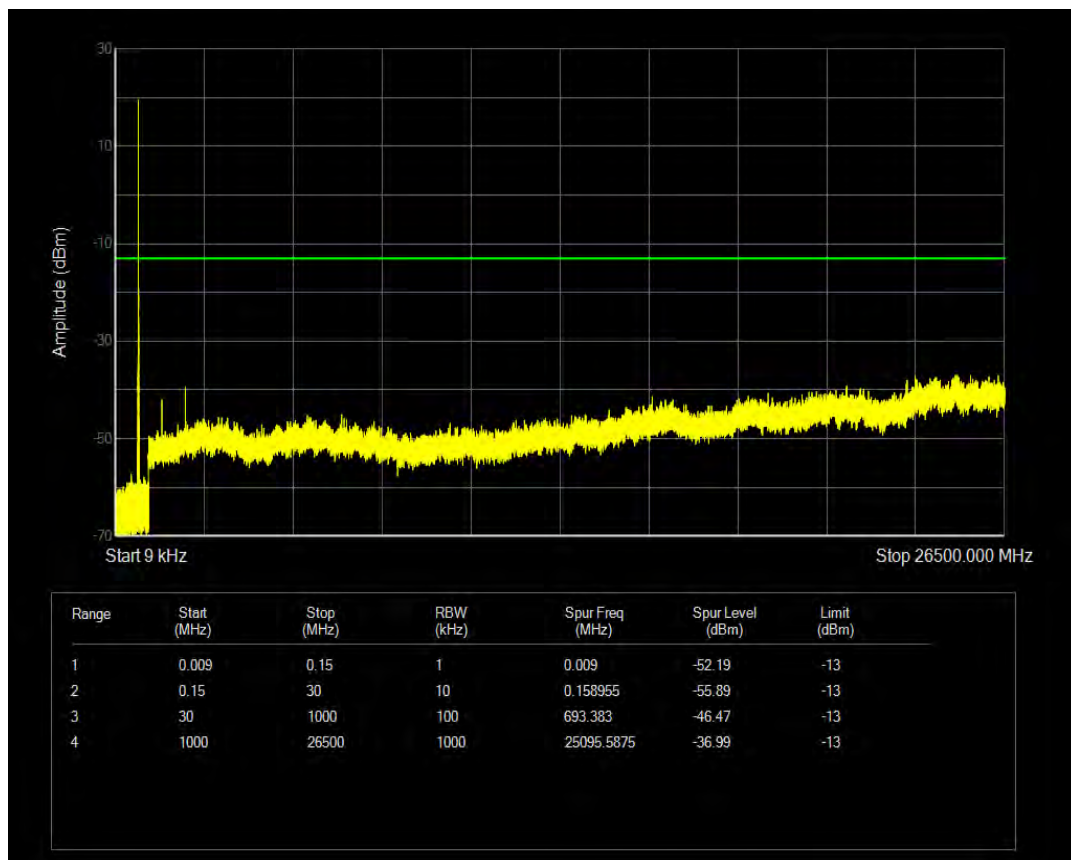
06 Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	6	#0	QPSK	25569.25	-35.97	-13	PASS
Band12	1.4	23017	6	#0	QAM16	25095.59	-36.99	-13	PASS
Band12	1.4	23173	6	#0	QPSK	24431.31	-36.12	-13	PASS
Band12	1.4	23173	6	#0	QAM16	26030.16	-36.05	-13	PASS
Band12	3	23025	15	#0	QPSK	25495.30	-35.26	-13	PASS
Band12	3	23025	15	#0	QAM16	25198.86	-36.97	-13	PASS
Band12	3	23165	15	#0	QPSK	24465.74	-36.54	-13	PASS
Band12	3	23165	15	#0	QAM16	25523.35	-35.64	-13	PASS
Band12	5	23035	25	#0	QPSK	25019.73	-36.37	-13	PASS
Band12	5	23035	25	#0	QAM16	25549.49	-36.08	-13	PASS
Band12	5	23155	25	#0	QPSK	25087.94	-36.01	-13	PASS
Band12	5	23155	25	#0	QAM16	25081.56	-36.19	-13	PASS
Band12	10	23060	50	#0	QPSK	25042.04	-36.39	-13	PASS
Band12	10	23060	50	#0	QAM16	26041.00	-36.47	-13	PASS
Band12	10	23130	50	#0	QPSK	25133.20	-36.48	-13	PASS
Band12	10	23130	50	#0	QAM16	25128.10	-36.08	-13	PASS
Band13	5	23205	25	#0	QPSK	1560.15	-43.78	-40	PASS
Band13	5	23205	25	#0	QAM16	1559.20	-44.26	-40	PASS
Band13	5	23255	25	#0	QPSK	1566.66	-44.15	-40	PASS
Band13	5	23255	25	#0	QAM16	1569.08	-44.16	-40	PASS
Band13	10	23230	50	#0	QPSK	1564.08	-44.95	-40	PASS
Band13	10	23230	50	#0	QAM16	1563.14	-45.10	-40	PASS
Band17	5	23755	25	#0	QPSK	24547.34	-36.70	-13	PASS
Band17	5	23755	25	#0	QAM16	25163.16	-36.12	-13	PASS
Band17	5	23825	25	#0	QPSK	25048.41	-36.73	-13	PASS
Band17	5	23825	25	#0	QAM16	25075.83	-36.31	-13	PASS
Band17	10	23780	50	#0	QPSK	25546.94	-35.88	-13	PASS
Band17	10	23780	50	#0	QAM16	25021.00	-36.55	-13	PASS
Band17	10	23800	50	#0	QPSK	26048.01	-36.61	-13	PASS
Band17	10	23800	50	#0	QAM16	25131.93	-36.36	-13	PASS
Band2	1.4	18607	6	#0	QPSK	25474.26	-35.71	-13	PASS
Band2	1.4	18607	6	#0	QAM16	25957.49	-35.58	-13	PASS
Band2	1.4	19193	6	#0	QPSK	26294.09	-35.22	-13	PASS
Band2	1.4	19193	6	#0	QAM16	25070.09	-35.20	-13	PASS
Band2	3	18615	15	#0	QPSK	25947.29	-36.40	-13	PASS
Band2	3	18615	15	#0	QAM16	25602.40	-36.43	-13	PASS
Band2	3	19185	15	#0	QPSK	25045.23	-36.00	-13	PASS
Band2	3	19185	15	#0	QAM16	24426.85	-35.59	-13	PASS
Band2	5	18625	25	#0	QPSK	24451.08	-35.81	-13	PASS
Band2	5	18625	25	#0	QAM16	25151.05	-35.51	-13	PASS
Band2	5	19175	25	#0	QPSK	26084.99	-36.38	-13	PASS
Band2	5	19175	25	#0	QAM16	25085.39	-35.74	-13	PASS

Band2	10	18650	50	#0	QPSK	26068.41	-36.17	-13	PASS
Band2	10	18650	50	#0	QAM16	25039.49	-35.11	-13	PASS
Band2	10	19150	50	#0	QPSK	25025.46	-36.44	-13	PASS
Band2	10	19150	50	#0	QAM16	25089.21	-35.75	-13	PASS
Band2	15	18675	75	#0	QPSK	25046.50	-35.45	-13	PASS
Band2	15	18675	75	#0	QAM16	24464.46	-36.69	-13	PASS
Band2	15	19125	75	#0	QPSK	24444.70	-35.91	-13	PASS
Band2	15	19125	75	#0	QAM16	25523.99	-35.61	-13	PASS
Band2	20	18700	100	#0	QPSK	25056.70	-36.39	-13	PASS
Band2	20	18700	100	#0	QAM16	25905.85	-36.03	-13	PASS
Band2	20	19100	100	#0	QPSK	24489.96	-36.26	-13	PASS
Band2	20	19100	100	#0	QAM16	25501.04	-36.00	-13	PASS
Band30	5	27685	25	#0	QPSK	26456.65	-43.55	-40	PASS
Band30	5	27685	25	#0	QAM16	26405.01	-43.77	-40	PASS
Band30	5	27735	25	#0	QPSK	25564.79	-43.46	-40	PASS
Band30	5	27735	25	#0	QAM16	24475.30	-43.43	-40	PASS
Band30	10	27710	50	#0	QPSK	24497.61	-44.05	-40	PASS
Band30	10	27710	50	#0	QAM16	24950.88	-43.80	-40	PASS
Band4	1.4	19957	6	#0	QPSK	3421.86	-16.89	-13	PASS
Band4	1.4	19957	6	#0	QAM16	3421.23	-16.81	-13	PASS
Band4	1.4	20393	6	#0	QPSK	3510.48	-28.22	-13	PASS
Band4	1.4	20393	6	#0	QAM16	3508.56	-26.06	-13	PASS
Band4	3	19965	15	#0	QPSK	3423.14	-17.86	-13	PASS
Band4	3	19965	15	#0	QAM16	3421.86	-17.73	-13	PASS
Band4	3	20385	15	#0	QPSK	3507.29	-26.87	-13	PASS
Band4	3	20385	15	#0	QAM16	3506.65	-27.58	-13	PASS
Band4	5	19975	25	#0	QPSK	3427.60	-19.90	-13	PASS
Band4	5	19975	25	#0	QAM16	3428.24	-19.54	-13	PASS
Band4	5	20375	25	#0	QPSK	3503.46	-27.16	-13	PASS
Band4	5	20375	25	#0	QAM16	1779.03	-27.87	-13	PASS
Band4	10	20000	50	#0	QPSK	3430.79	-22.02	-13	PASS
Band4	10	20000	50	#0	QAM16	3426.96	-23.07	-13	PASS
Band4	10	20350	50	#0	QPSK	3495.81	-28.88	-13	PASS
Band4	10	20350	50	#0	QAM16	3493.90	-29.99	-13	PASS
Band4	15	20025	75	#0	QPSK	3435.25	-23.90	-13	PASS
Band4	15	20025	75	#0	QAM16	3428.24	-24.86	-13	PASS
Band4	15	20325	75	#0	QPSK	3488.80	-28.91	-13	PASS
Band4	15	20325	75	#0	QAM16	3489.44	-28.17	-13	PASS
Band4	20	20050	100	#0	QPSK	3439.71	-25.96	-13	PASS
Band4	20	20050	100	#0	QAM16	3437.80	-27.45	-13	PASS
Band4	20	20300	100	#0	QPSK	3475.41	-28.01	-13	PASS
Band4	20	20300	100	#0	QAM16	3488.80	-29.78	-13	PASS
Band5	1.4	20407	6	#0	QPSK	24442.79	-36.79	-13	PASS
Band5	1.4	20407	6	#0	QAM16	26424.78	-36.19	-13	PASS

Band5	1.4	20643	6	#0	QPSK	24456.81	-36.48	-13	PASS
Band5	1.4	20643	6	#0	QAM16	25061.16	-36.38	-13	PASS
Band5	3	20415	15	#0	QPSK	25045.86	-36.81	-13	PASS
Band5	3	20415	15	#0	QAM16	24503.99	-36.00	-13	PASS
Band5	3	20635	15	#0	QPSK	25137.03	-36.06	-13	PASS
Band5	3	20635	15	#0	QAM16	24619.38	-36.54	-13	PASS
Band5	5	20425	25	#0	QPSK	26111.13	-36.53	-13	PASS
Band5	5	20425	25	#0	QAM16	25040.13	-36.63	-13	PASS
Band5	5	20625	25	#0	QPSK	25080.29	-35.65	-13	PASS
Band5	5	20625	25	#0	QAM16	25064.99	-36.22	-13	PASS
Band5	10	20450	50	#0	QPSK	25611.33	-36.28	-13	PASS
Band5	10	20450	50	#0	QAM16	25059.89	-36.64	-13	PASS
Band5	10	20600	50	#0	QPSK	24988.49	-36.42	-13	PASS
Band5	10	20600	50	#0	QAM16	25968.96	-36.56	-13	PASS
Band66	1.4	131979	6	#0	QPSK	3421.86	-16.98	-13	PASS
Band66	1.4	131979	6	#0	QAM16	3421.86	-17.07	-13	PASS
Band66	1.4	132665	6	#0	QPSK	3559.56	-29.08	-13	PASS
Band66	1.4	132665	6	#0	QAM16	3558.93	-28.69	-13	PASS

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



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