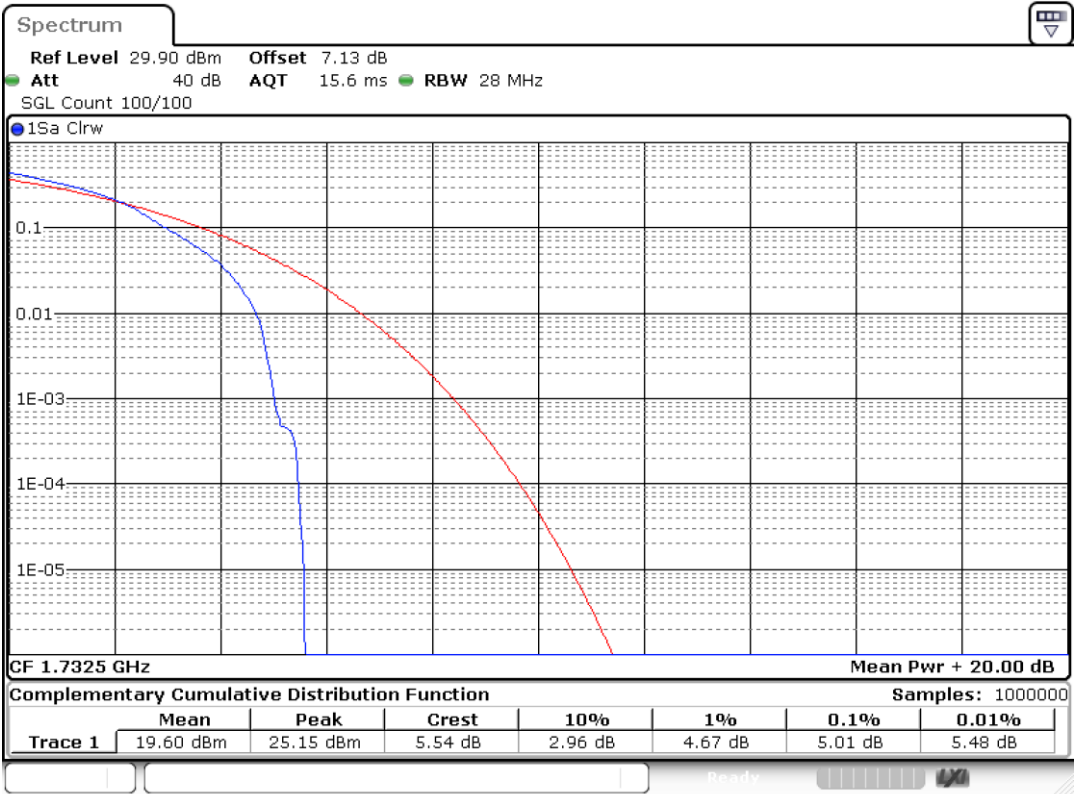
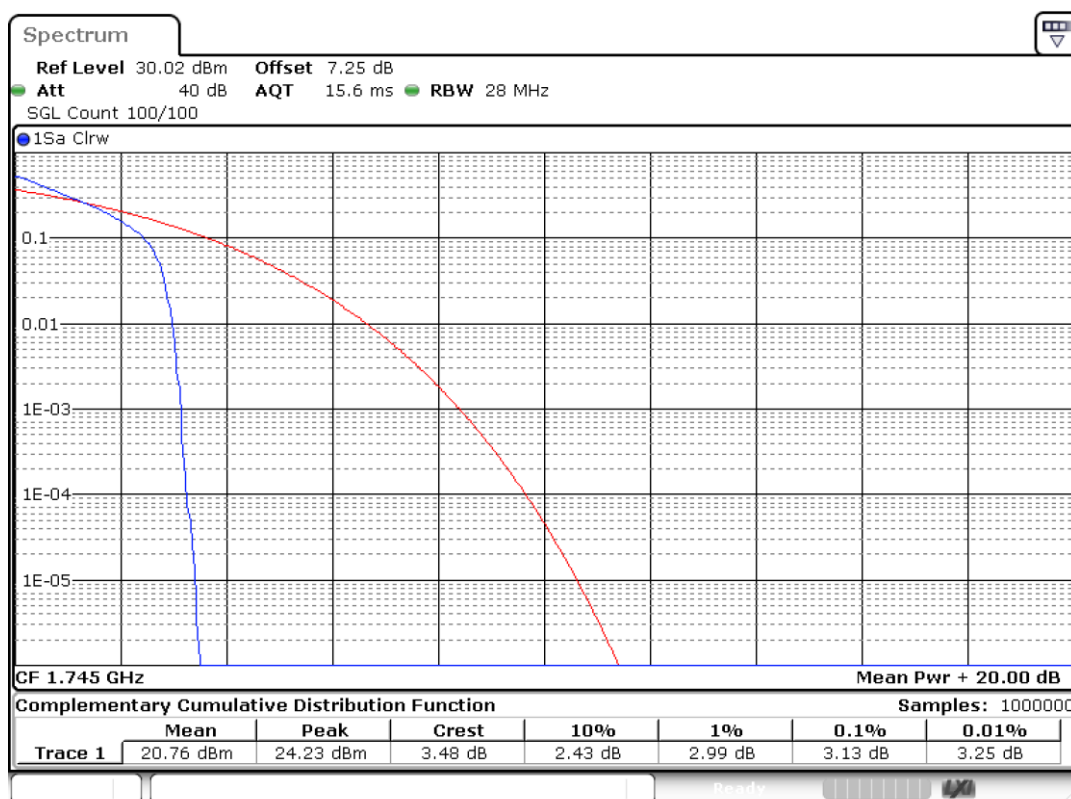


Band4 QAM16 BW=20MHz Channel=20175 RB Size=1 Position=#0



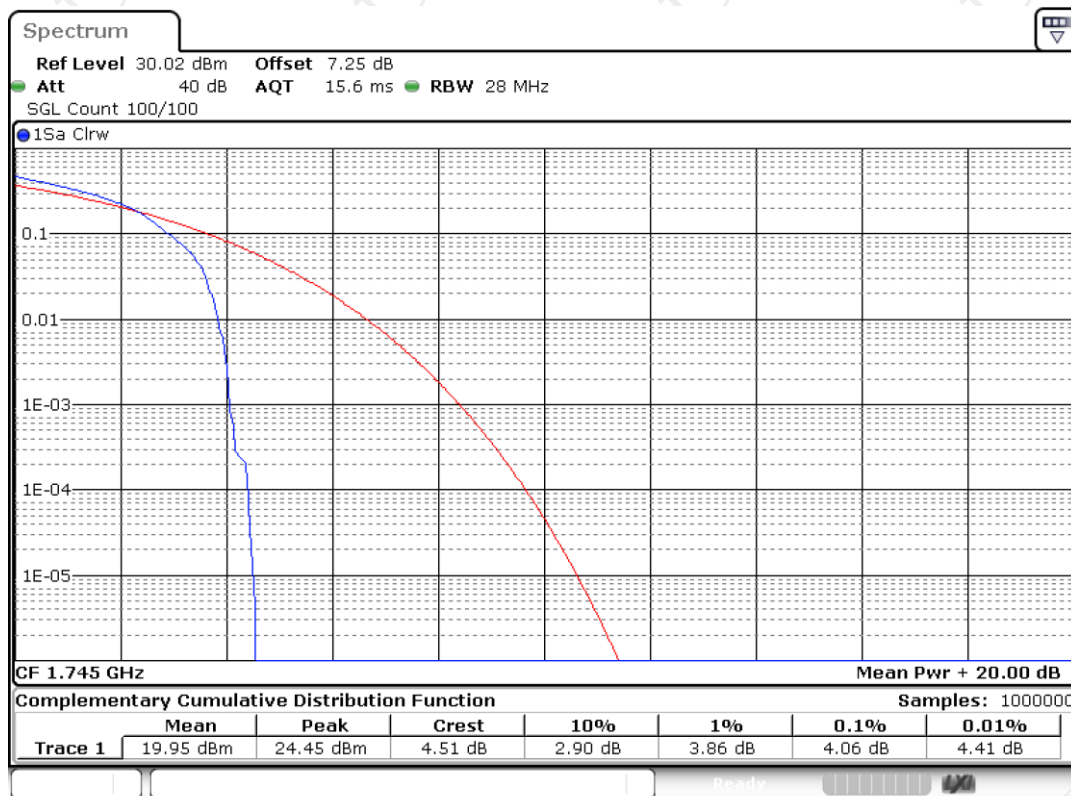
Date: 26.NOV.2024 16:08:25

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



Date: 26.NOV.2024 16:08:32

Band4 QAM16 BW=20MHz Channel=20300 RB Size=1 Position=#0

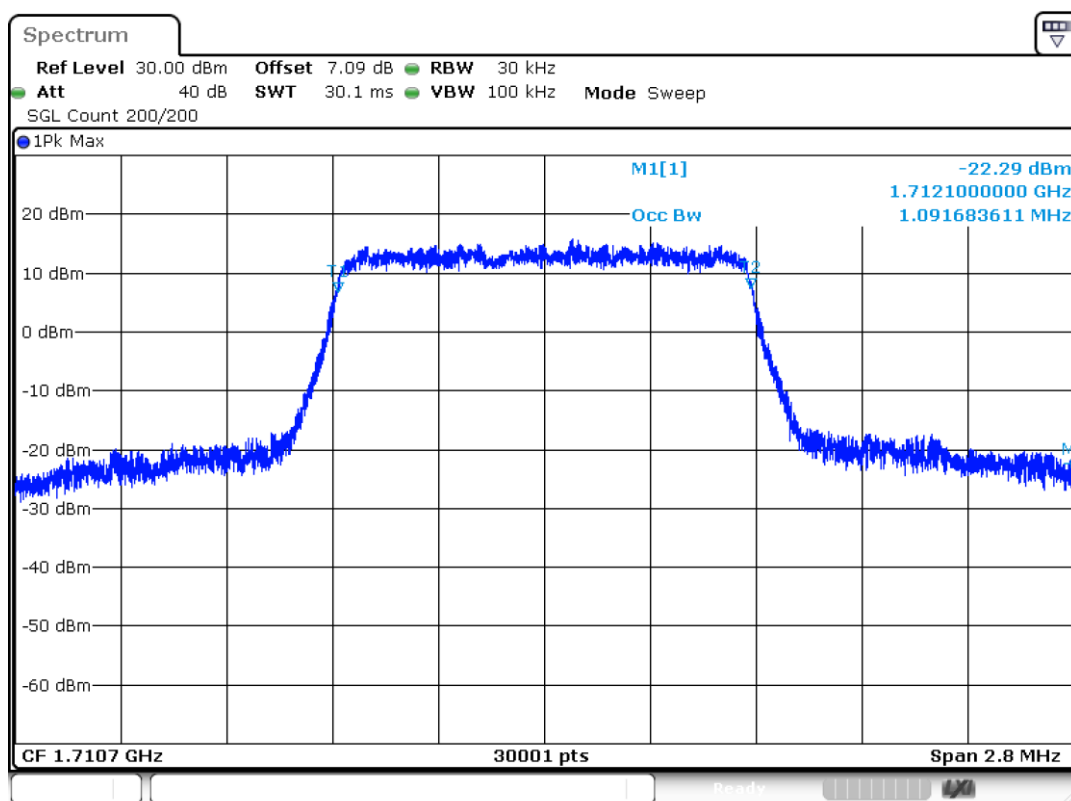


Date: 26.NOV.2024 16:08:39

4 Occupied bandwidth

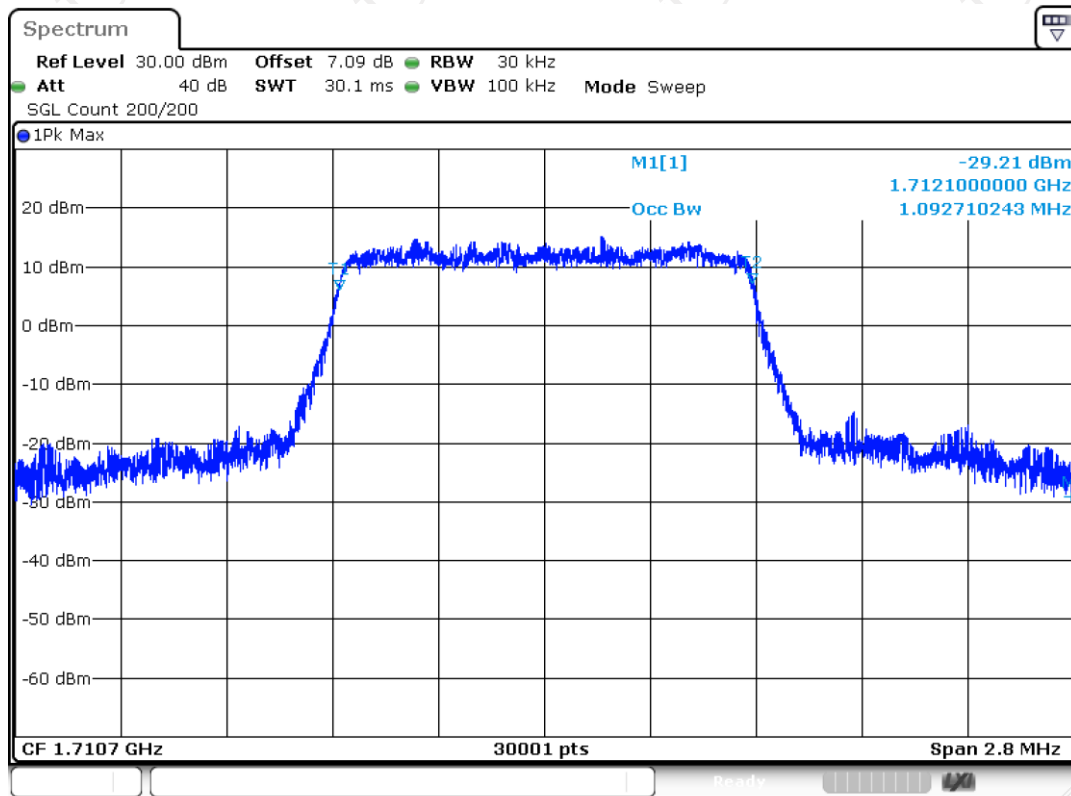
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band4	1.4	19957	6	#0	QPSK	1.092	1.267	PASS
Band4	1.4	19957	6	#0	QAM16	1.093	1.274	PASS
Band4	1.4	20175	6	#0	QPSK	1.094	1.279	PASS
Band4	1.4	20175	6	#0	QAM16	1.098	1.467	PASS
Band4	1.4	20393	6	#0	QPSK	1.096	1.285	PASS
Band4	1.4	20393	6	#0	QAM16	1.096	1.278	PASS
Band4	3	19965	15	#0	QPSK	2.719	3.013	PASS
Band4	3	19965	15	#0	QAM16	2.721	3.031	PASS
Band4	3	20175	15	#0	QPSK	2.730	3.076	PASS
Band4	3	20175	15	#0	QAM16	2.729	3.035	PASS
Band4	3	20385	15	#0	QPSK	2.736	3.434	PASS
Band4	3	20385	15	#0	QAM16	2.726	3.033	PASS
Band4	5	19975	25	#0	QPSK	4.492	5.049	PASS
Band4	5	19975	25	#0	QAM16	4.494	5.068	PASS
Band4	5	20175	25	#0	QPSK	4.500	5.092	PASS
Band4	5	20175	25	#0	QAM16	4.497	5.099	PASS
Band4	5	20375	25	#0	QPSK	4.518	6.547	PASS
Band4	5	20375	25	#0	QAM16	4.500	5.073	PASS
Band4	10	20000	50	#0	QPSK	8.970	9.829	PASS
Band4	10	20000	50	#0	QAM16	8.952	9.809	PASS
Band4	10	20175	50	#0	QPSK	8.982	10.029	PASS
Band4	10	20175	50	#0	QAM16	8.959	9.841	PASS
Band4	10	20350	50	#0	QPSK	9.077	18.476	PASS
Band4	10	20350	50	#0	QAM16	9.004	9.965	PASS
Band4	15	20025	75	#0	QPSK	13.432	14.899	PASS
Band4	15	20025	75	#0	QAM16	13.453	14.891	PASS
Band4	15	20175	75	#0	QPSK	13.448	14.879	PASS
Band4	15	20175	75	#0	QAM16	13.440	14.922	PASS
Band4	15	20325	75	#0	QPSK	13.605	24.371	PASS
Band4	15	20325	75	#0	QAM16	13.562	21.924	PASS
Band4	20	20050	100	#0	QPSK	17.994	19.784	PASS
Band4	20	20050	100	#0	QAM16	17.999	19.735	PASS
Band4	20	20175	100	#0	QPSK	17.937	19.671	PASS
Band4	20	20175	100	#0	QAM16	17.929	23.945	PASS
Band4	20	20300	100	#0	QPSK	18.210	24.335	PASS
Band4	20	20300	100	#0	QAM16	18.182	23.571	PASS

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



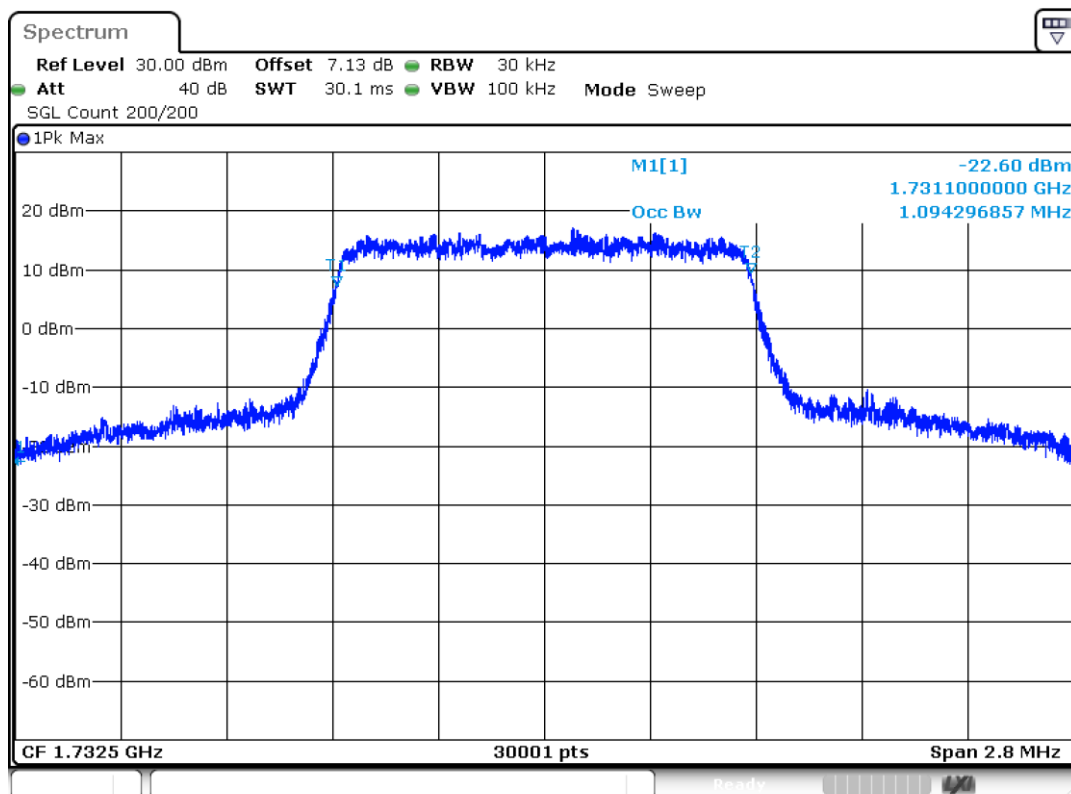
Date: 26.NOV.2024 16:09:10

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



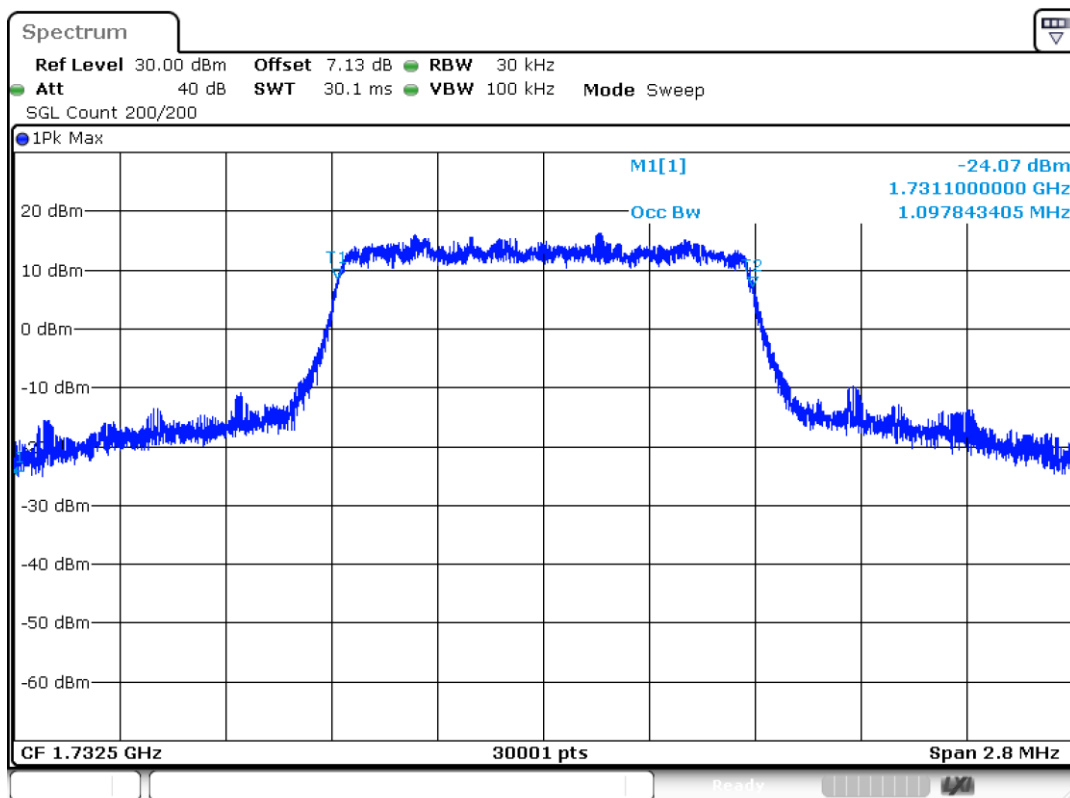
Date: 26.NOV.2024 16:09:27

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



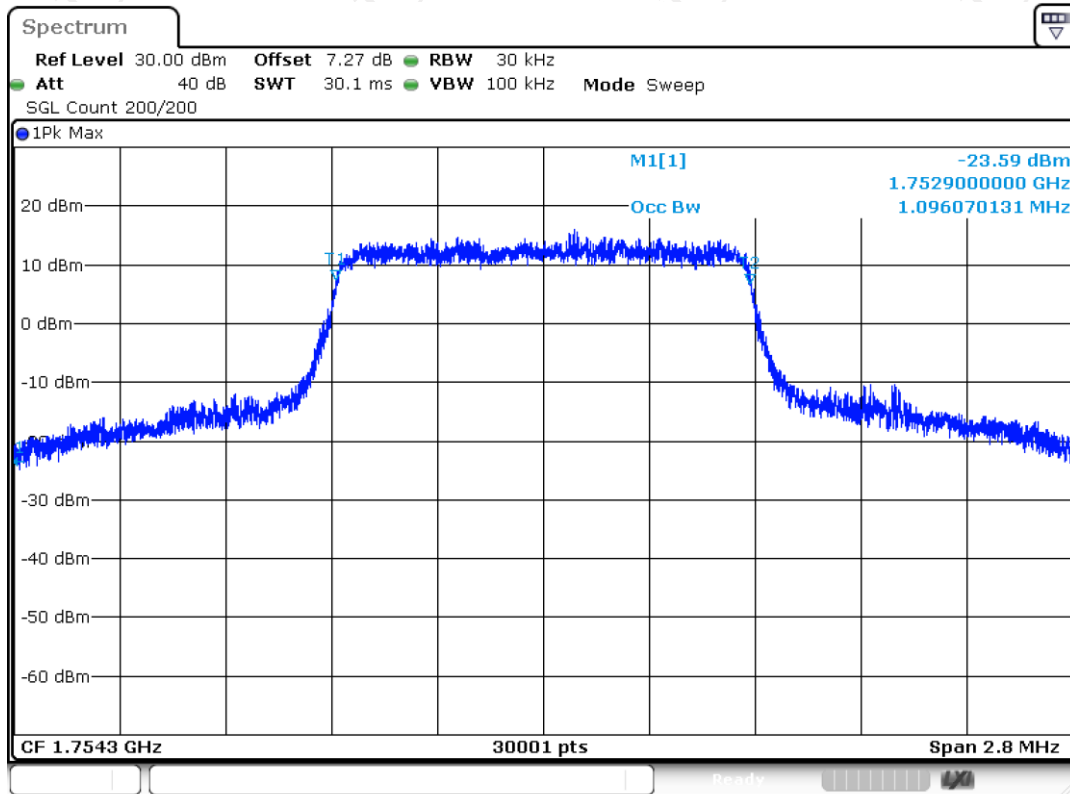
Date: 26.NOV.2024 16:09:46

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



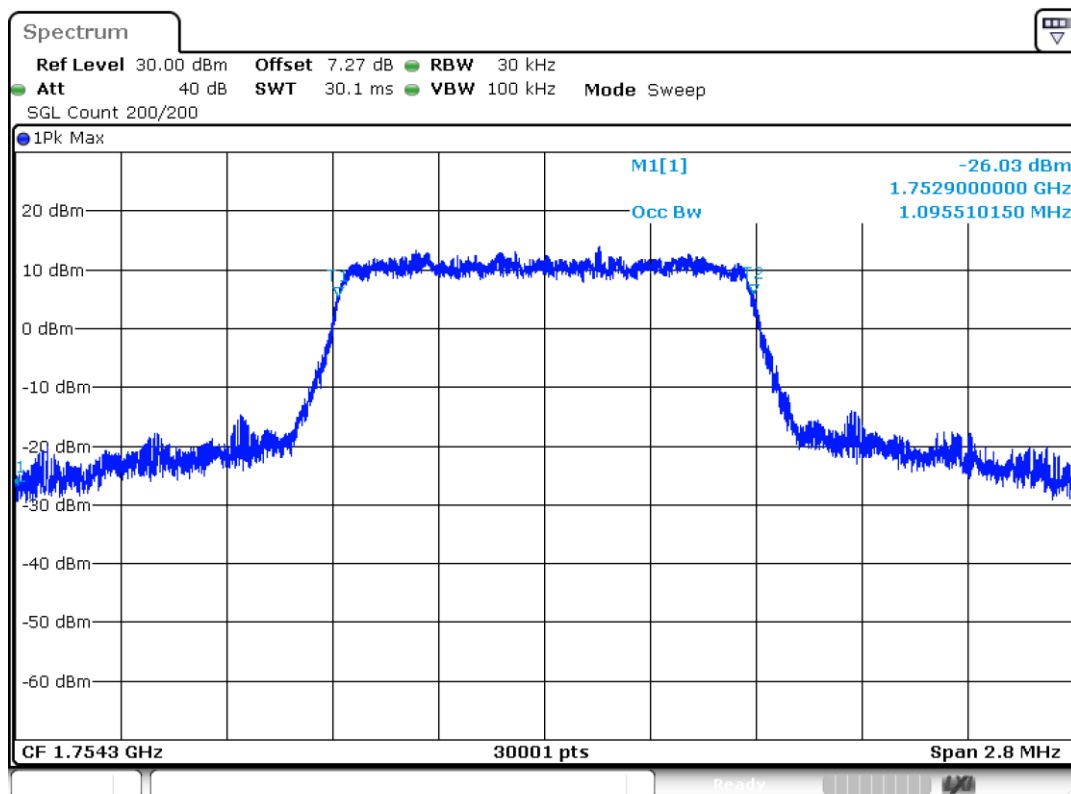
Date: 26.NOV.2024 16:10:03

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



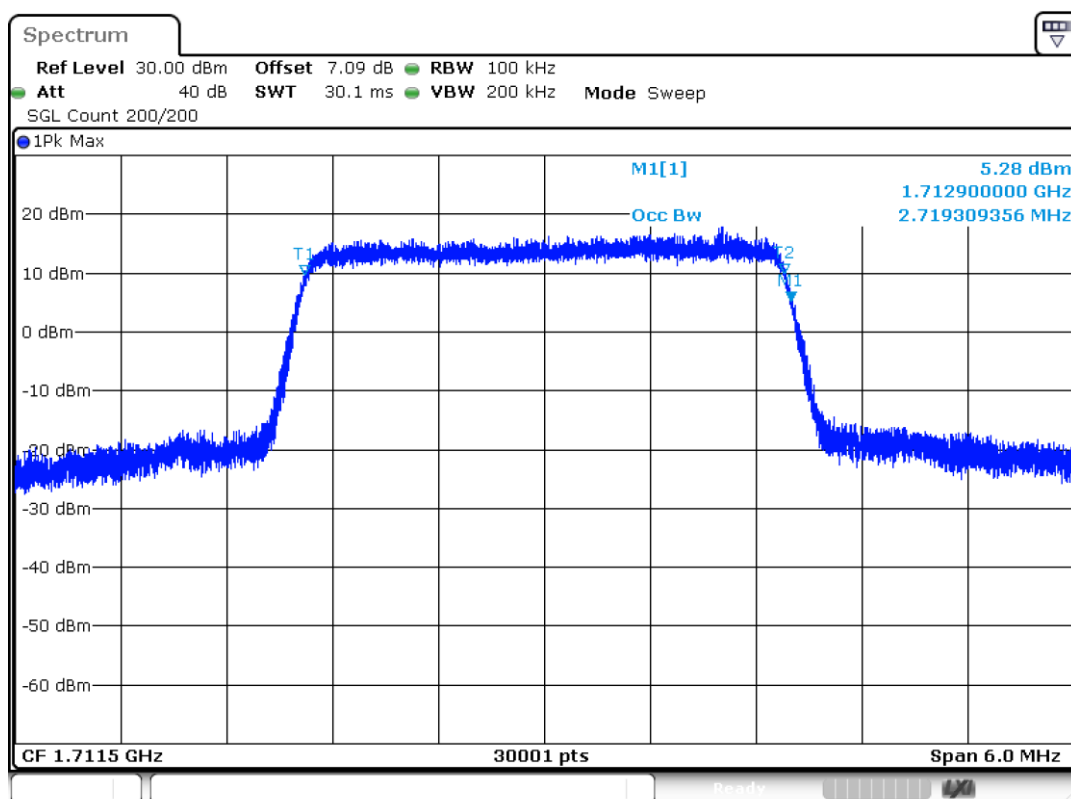
Date: 26.NOV.2024 16:10:21

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



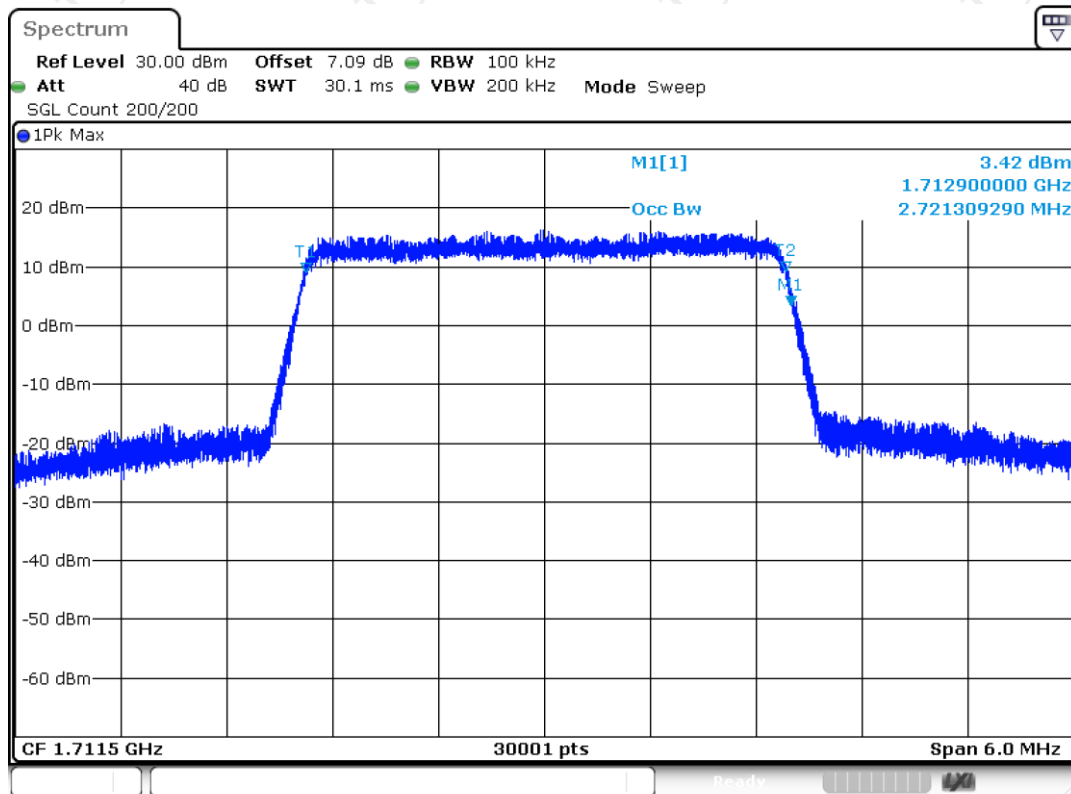
Date: 26.NOV.2024 16:10:39

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



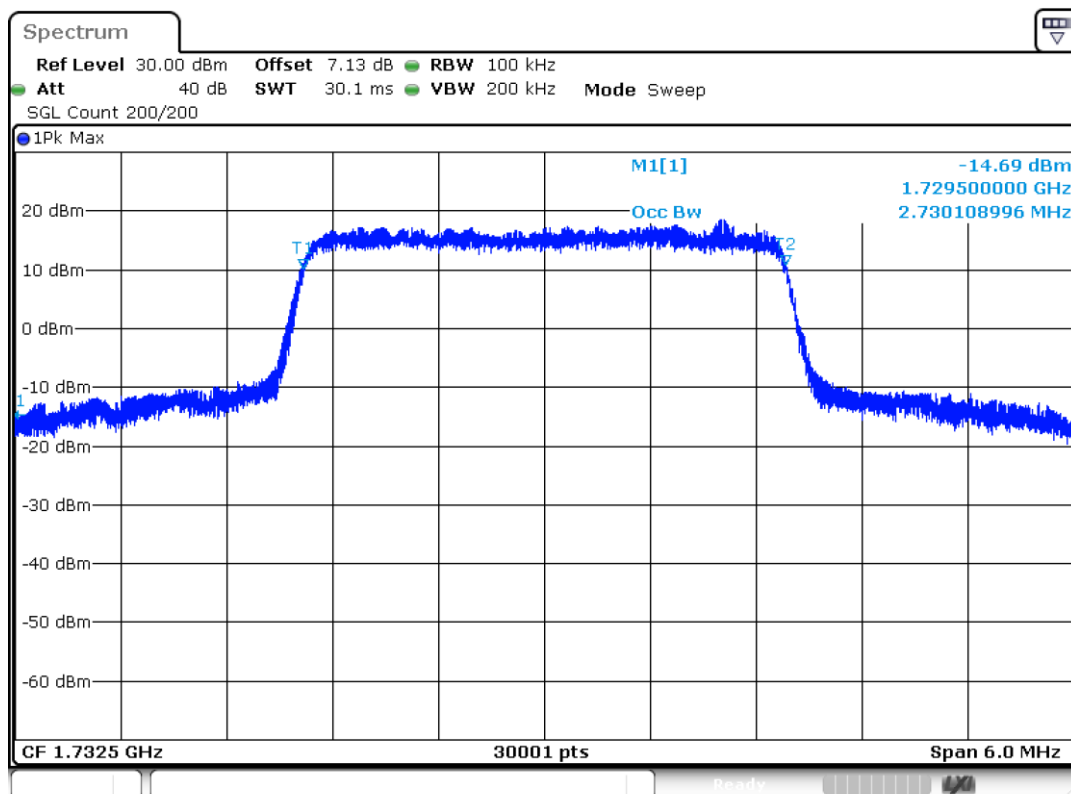
Date: 26.NOV.2024 16:10:56

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



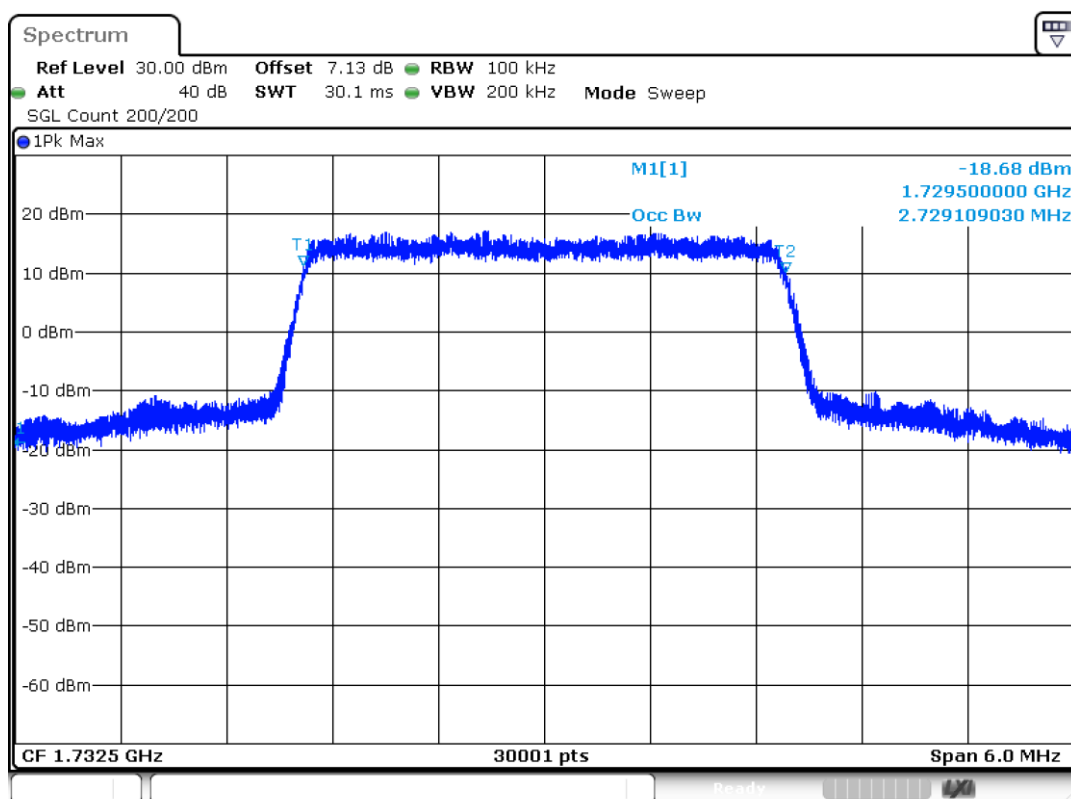
Date: 26.NOV.2024 16:11:13

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



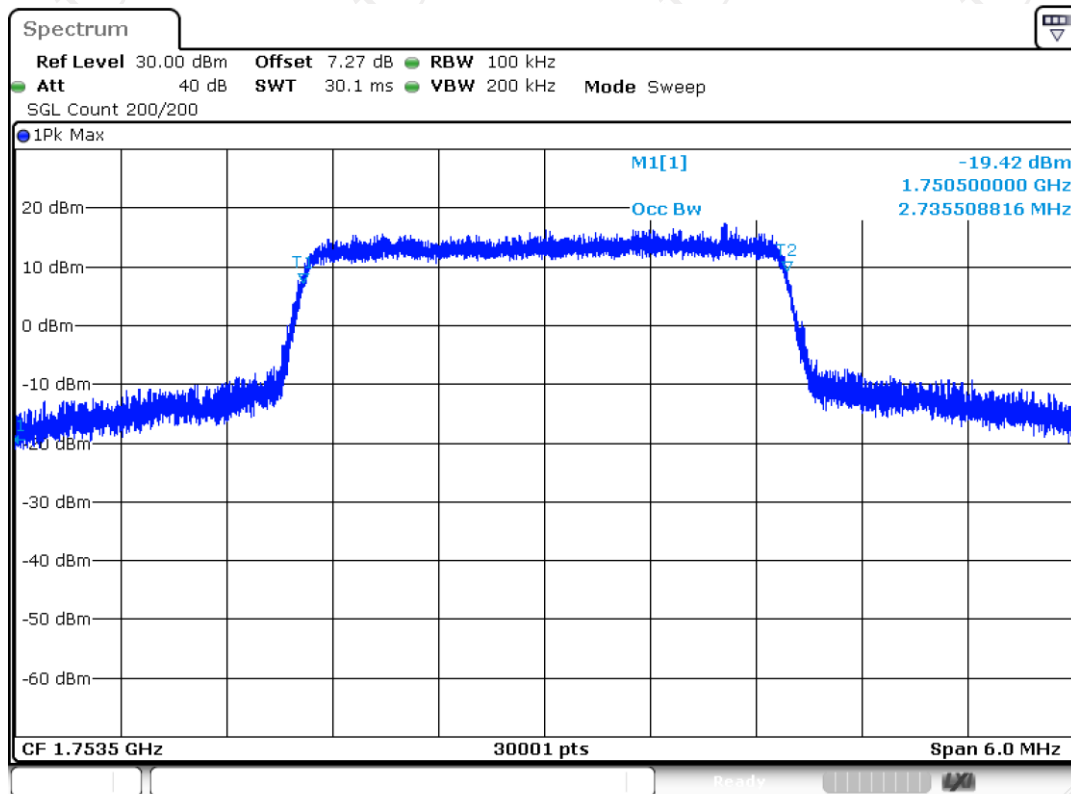
Date: 26.NOV.2024 16:11:30

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



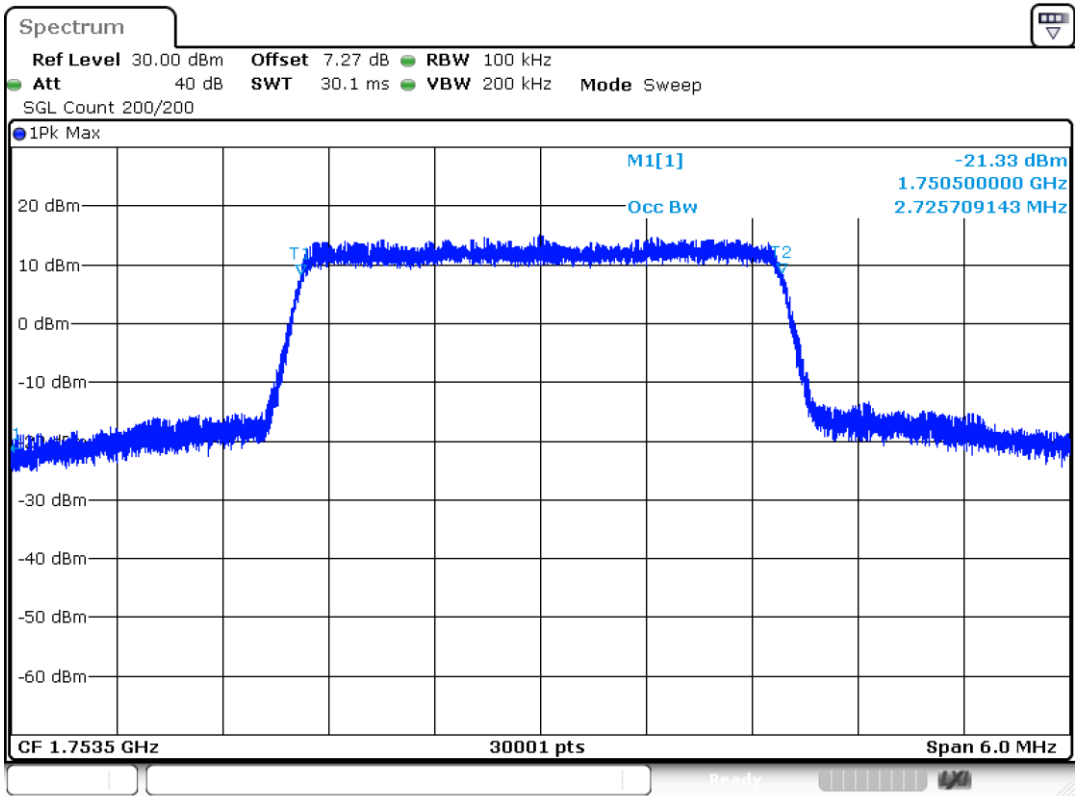
Date: 26.NOV.2024 16:11:47

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



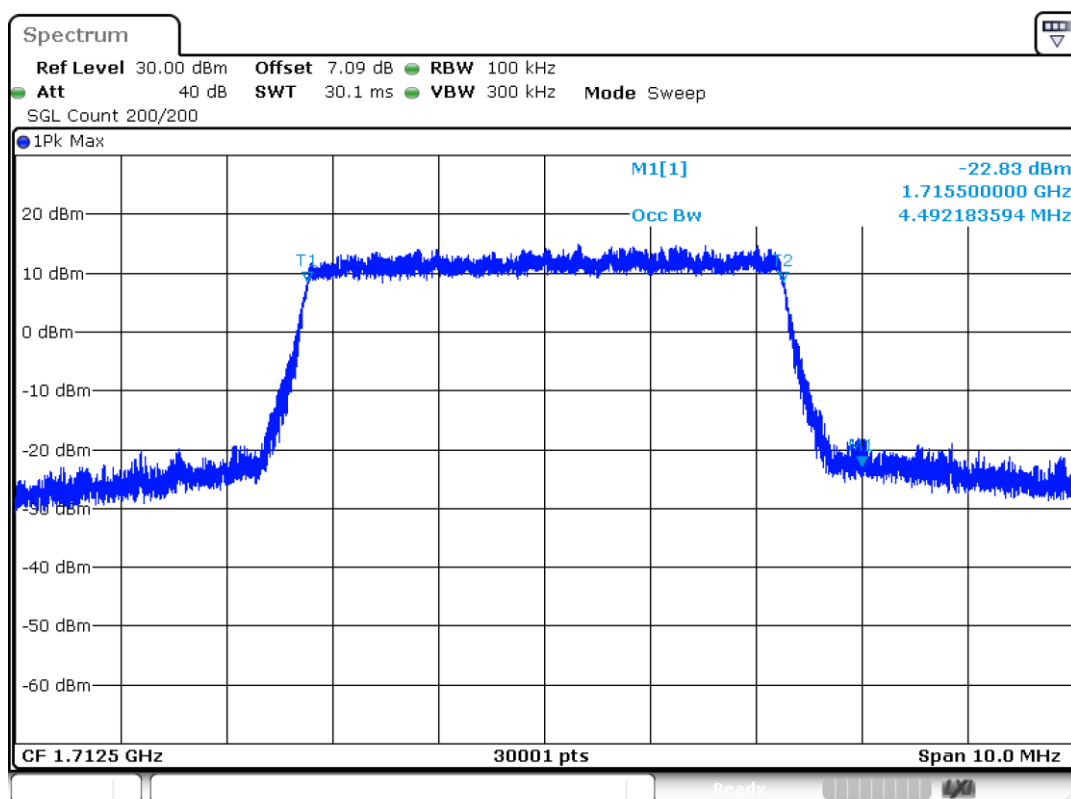
Date: 26.NOV.2024 16:12:04

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



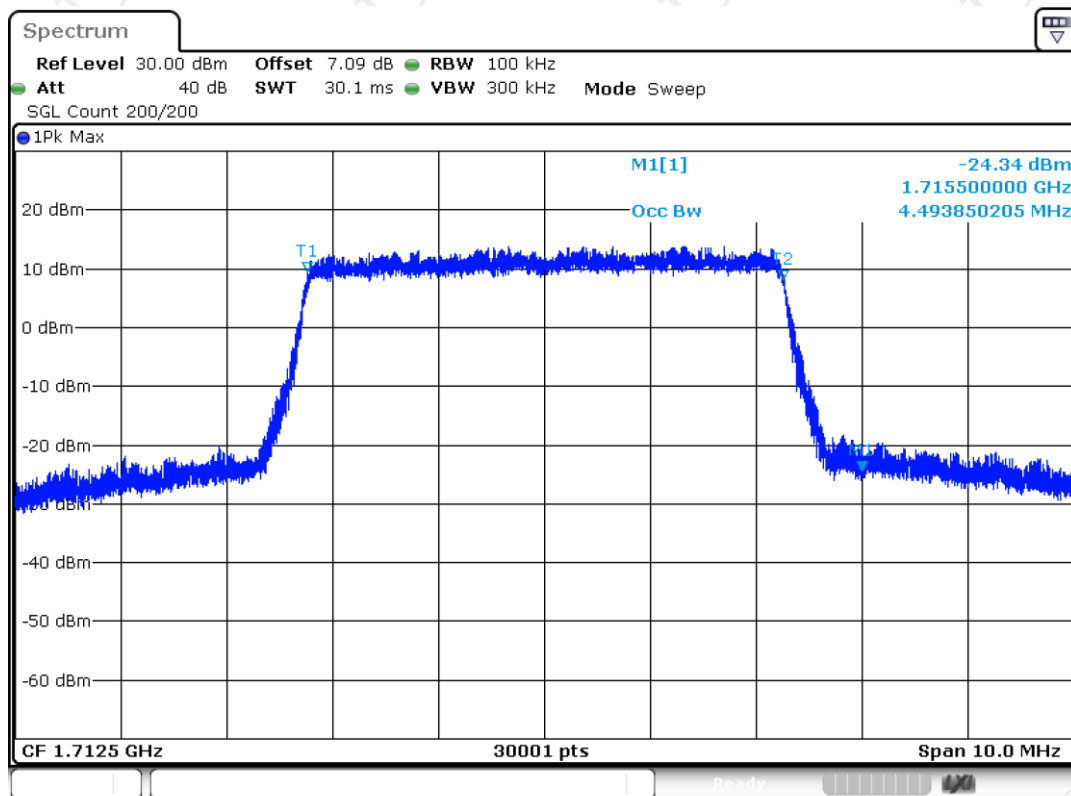
Date: 26.NOV.2024 16:12:21

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



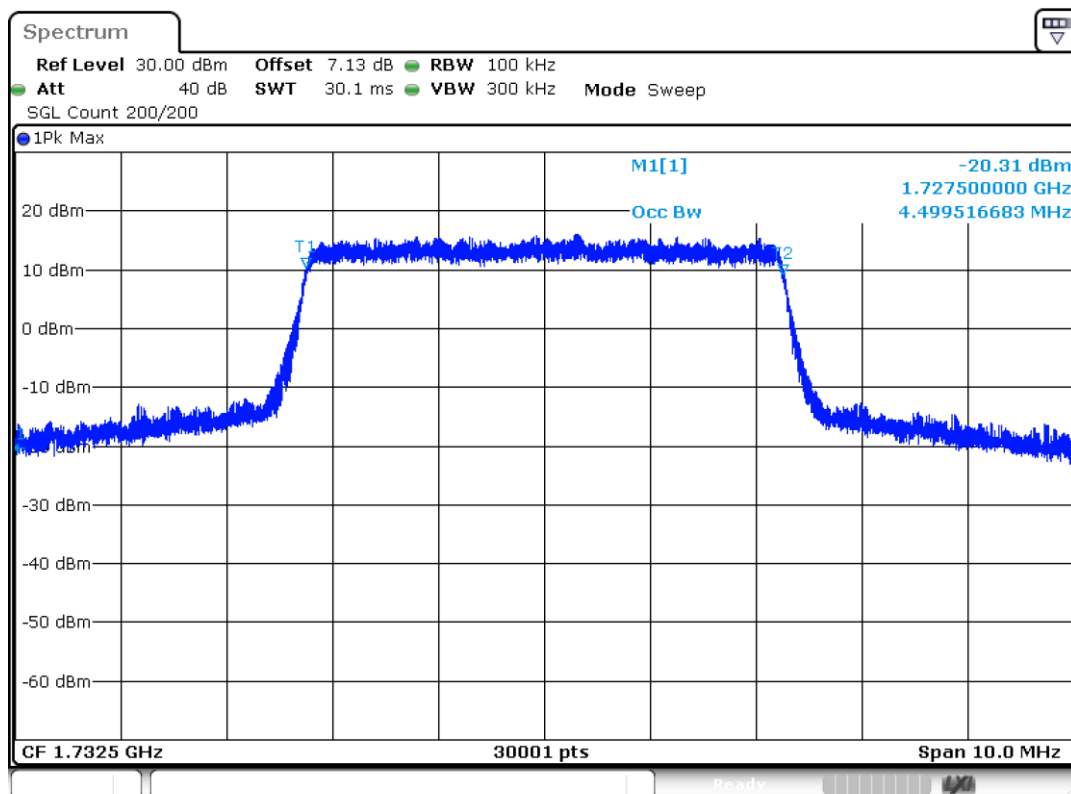
Date: 26.NOV.2024 16:12:38

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



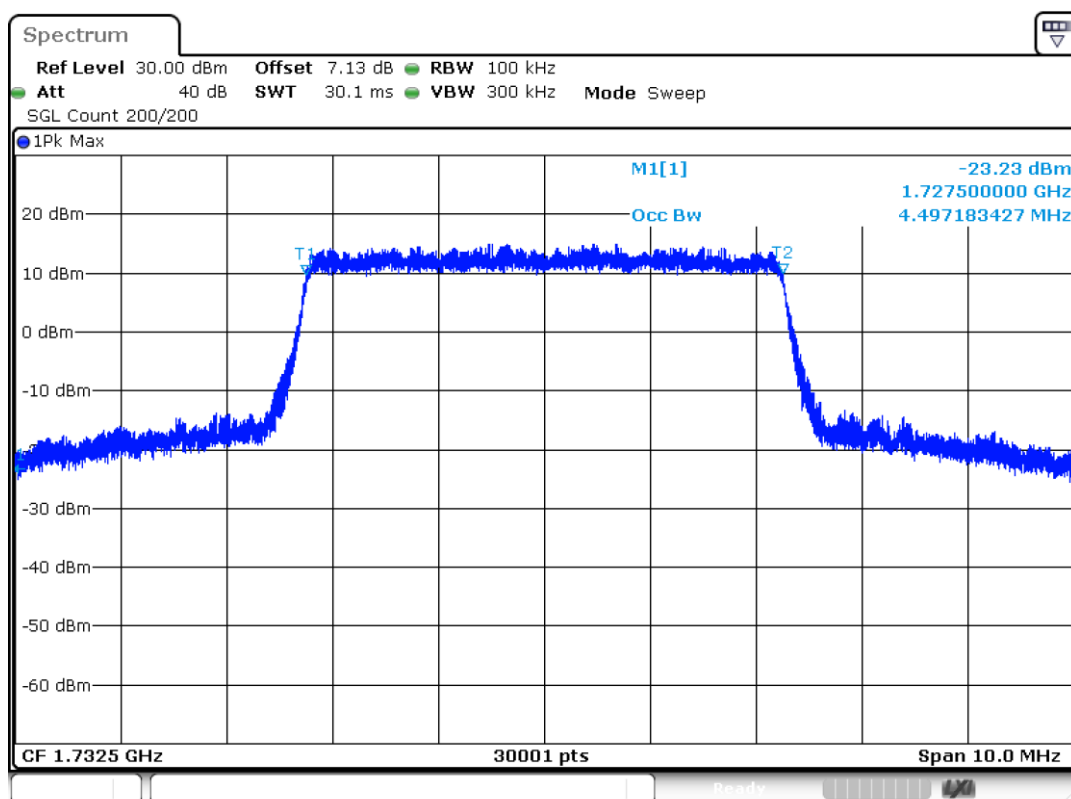
Date: 26.NOV.2024 16:12:55

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



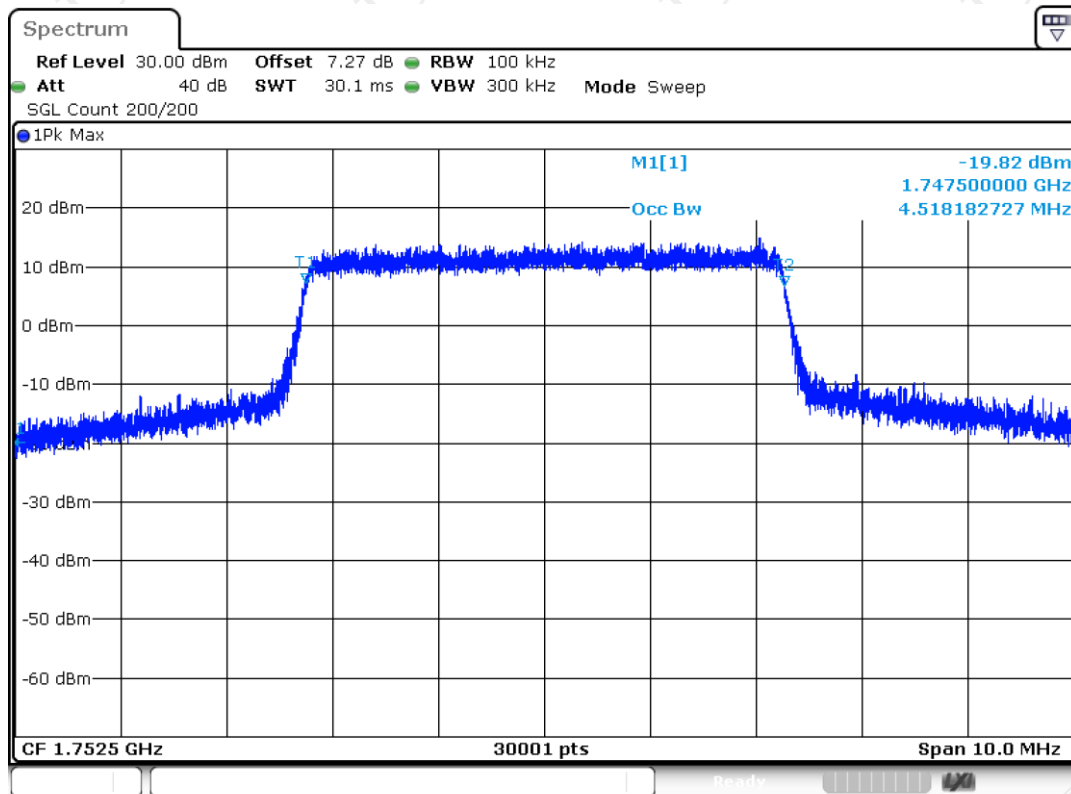
Date: 26.NOV.2024 16:13:12

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



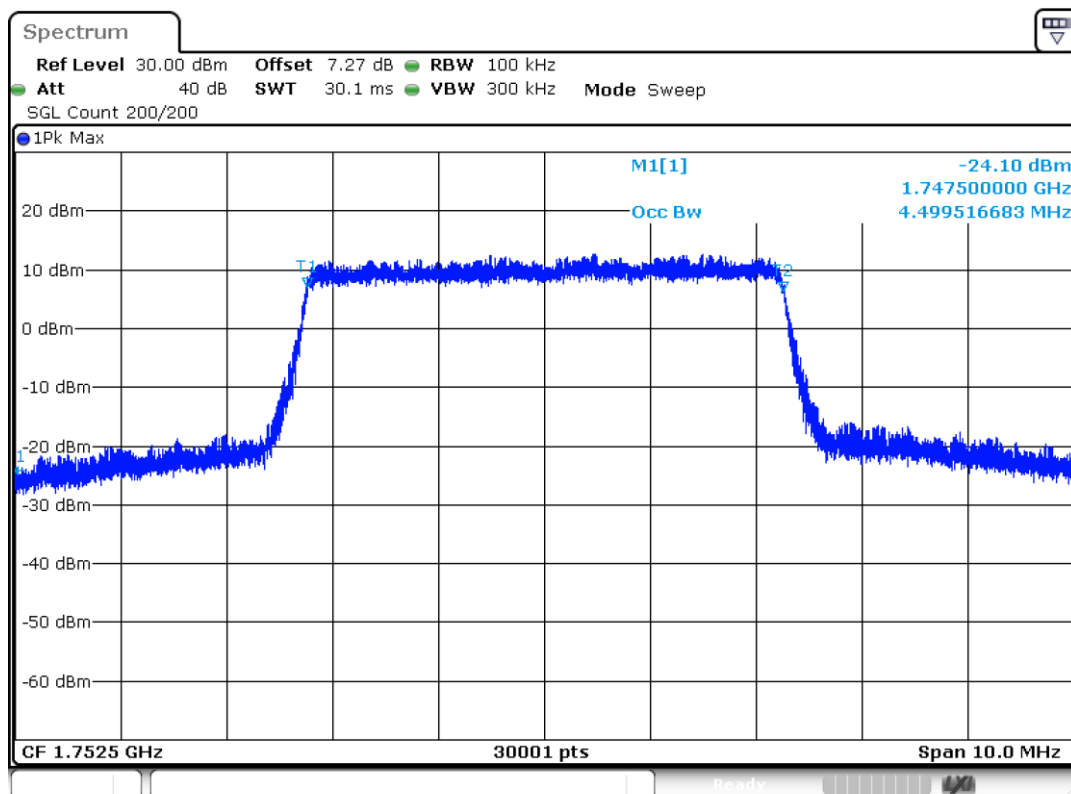
Date: 26.NOV.2024 16:13:29

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



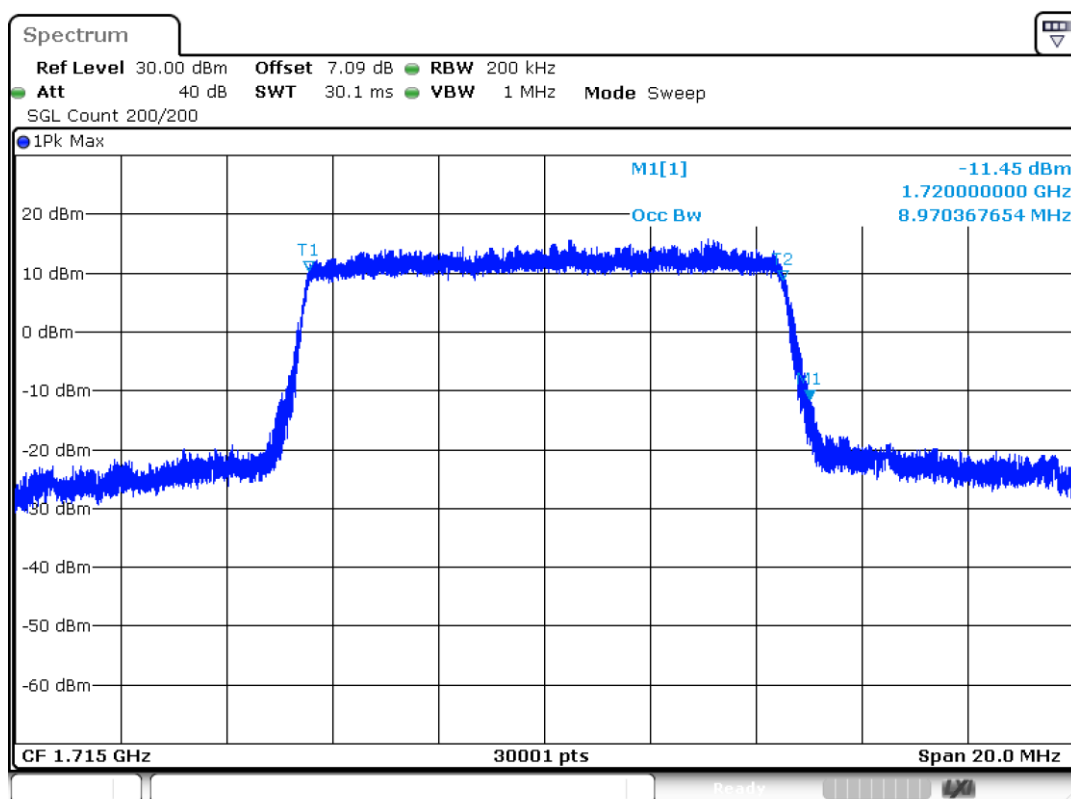
Date: 26.NOV.2024 16:13:46

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



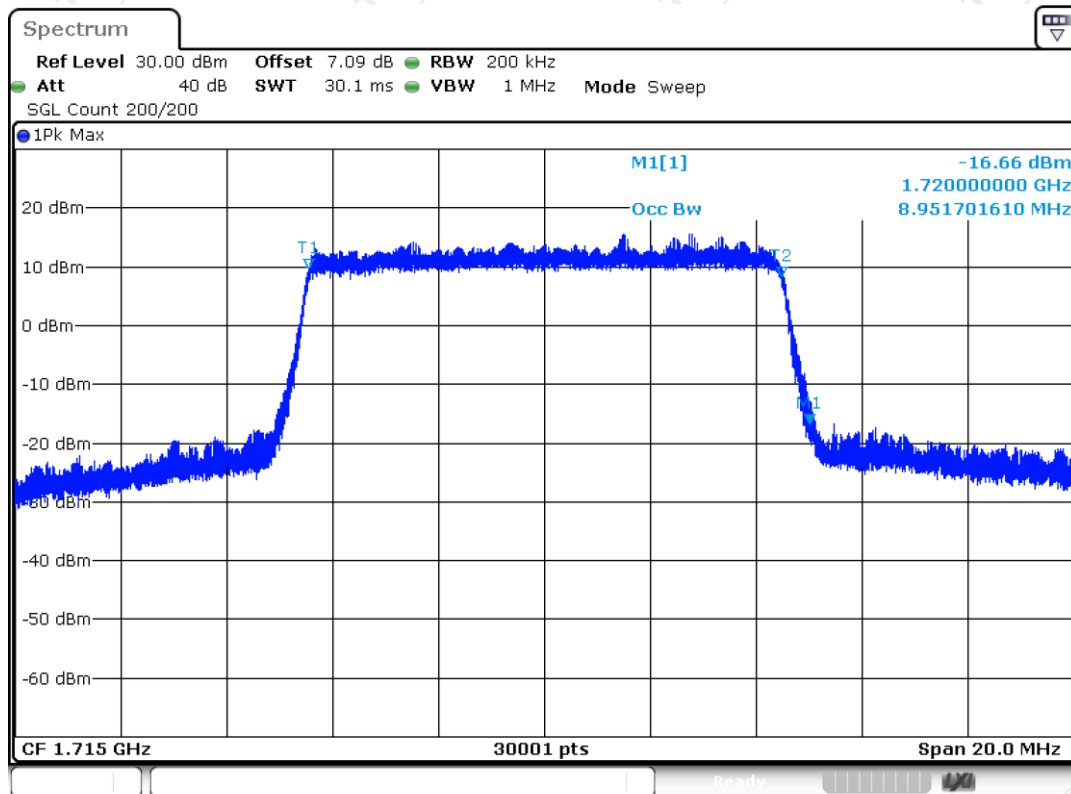
Date: 26.NOV.2024 16:14:02

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



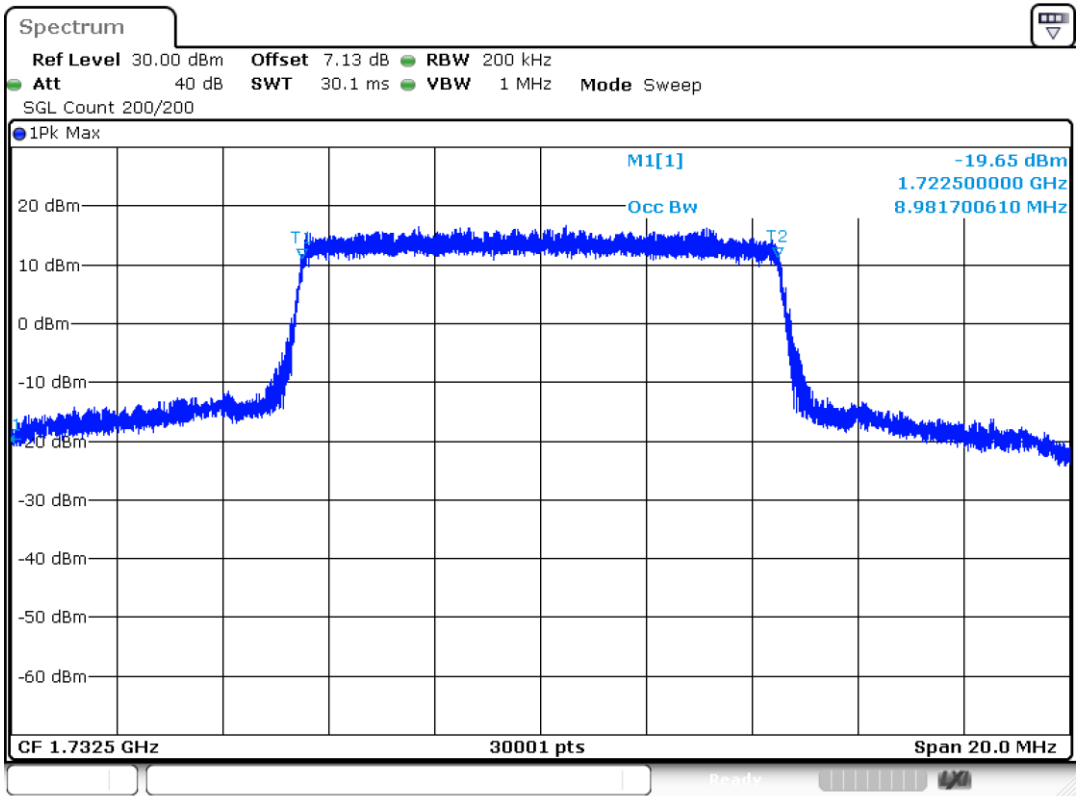
Date: 26.NOV.2024 16:14:20

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



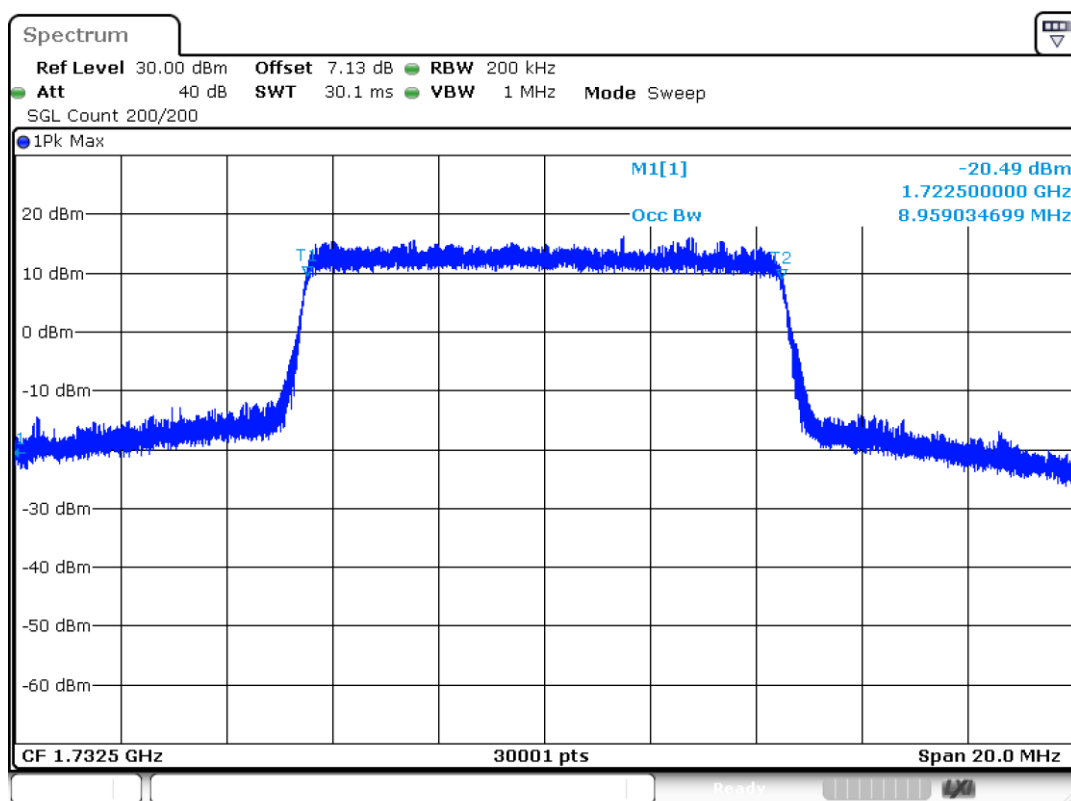
Date: 26.NOV.2024 16:14:37

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



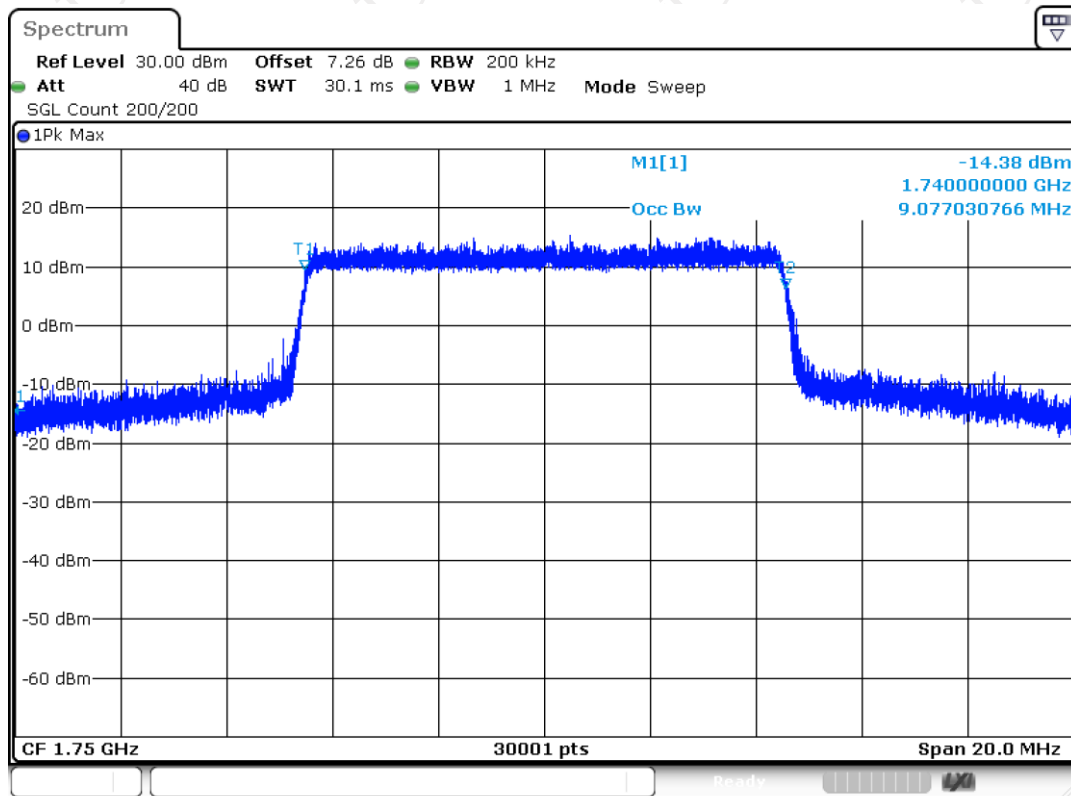
Date: 26.NOV.2024 16:14:56

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



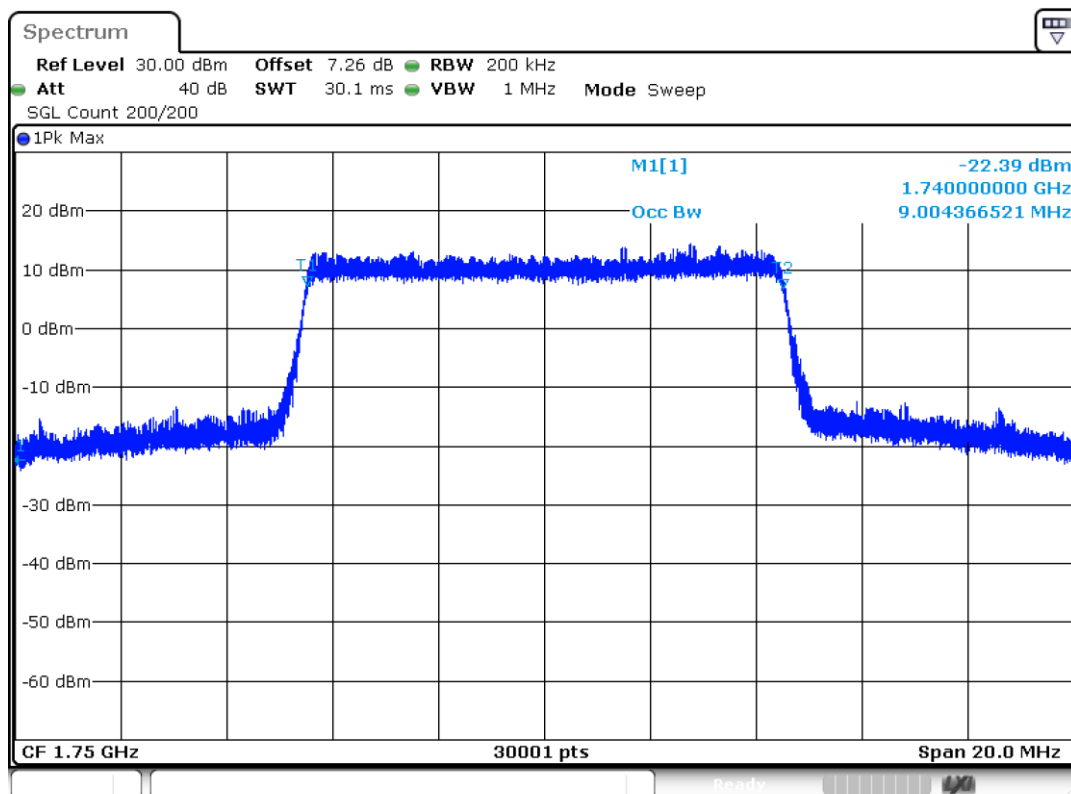
Date: 26.NOV.2024 16:15:15

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



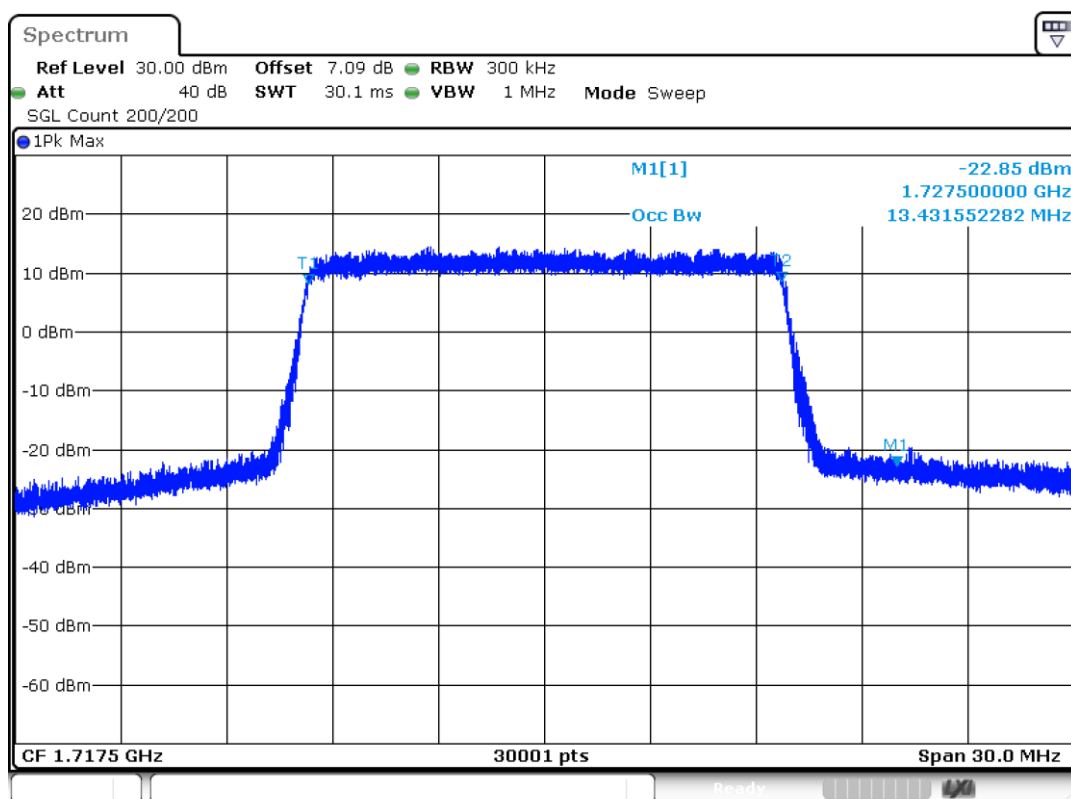
Date: 26.NOV.2024 16:15:33

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



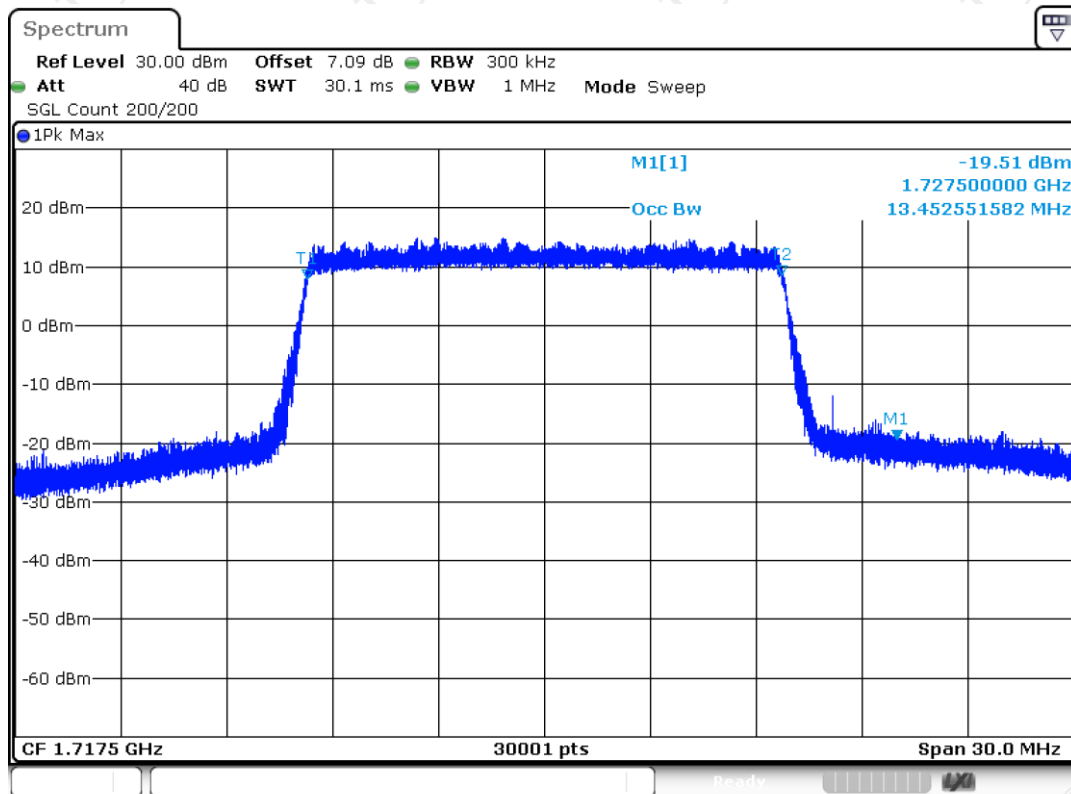
Date: 26.NOV.2024 16:15:50

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



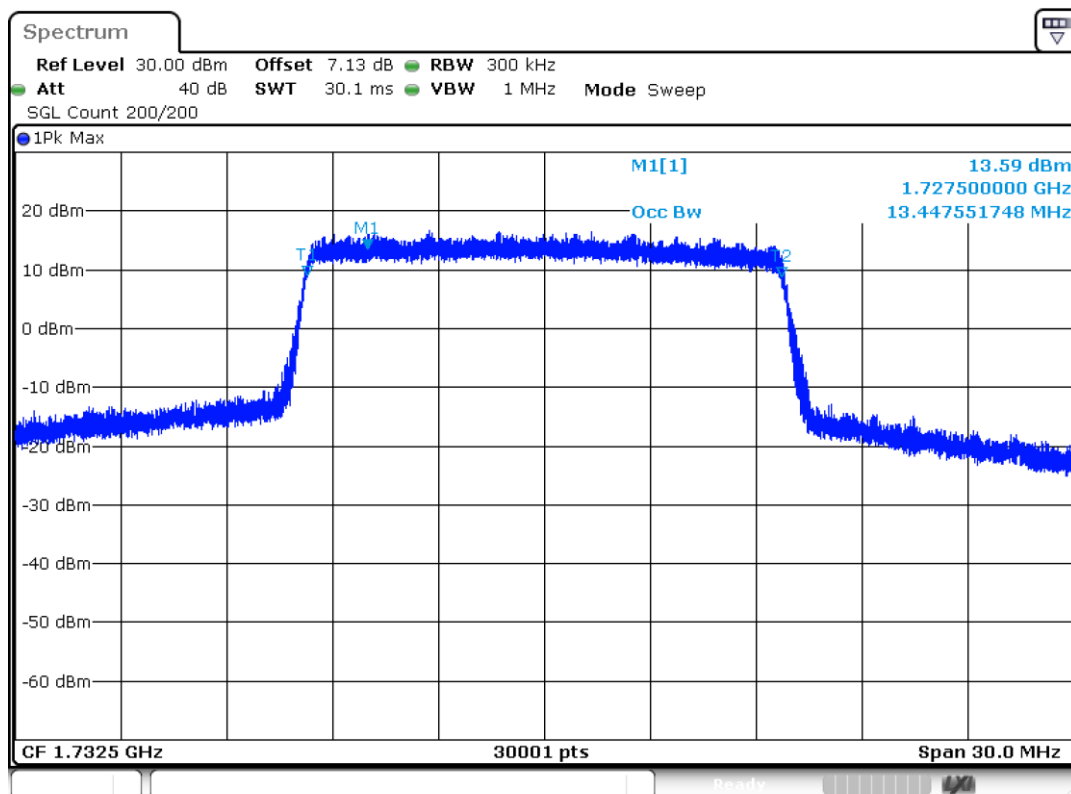
Date: 26.NOV.2024 16:16:07

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



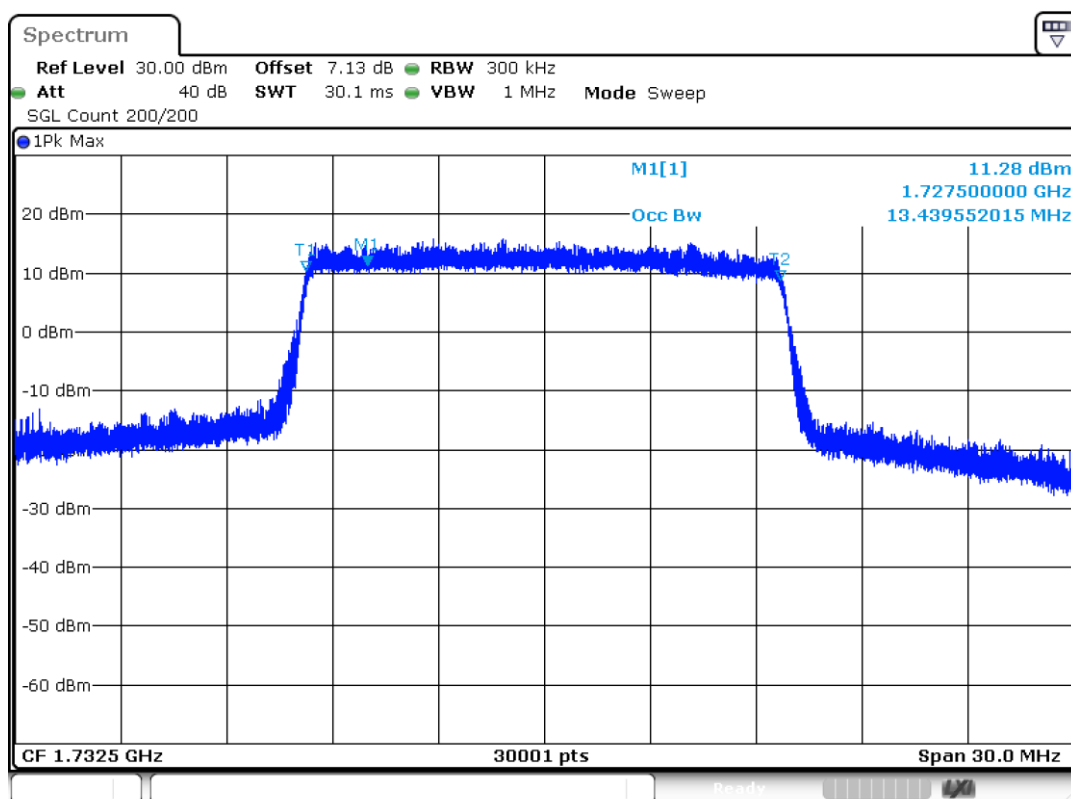
Date: 26.NOV.2024 16:16:23

Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



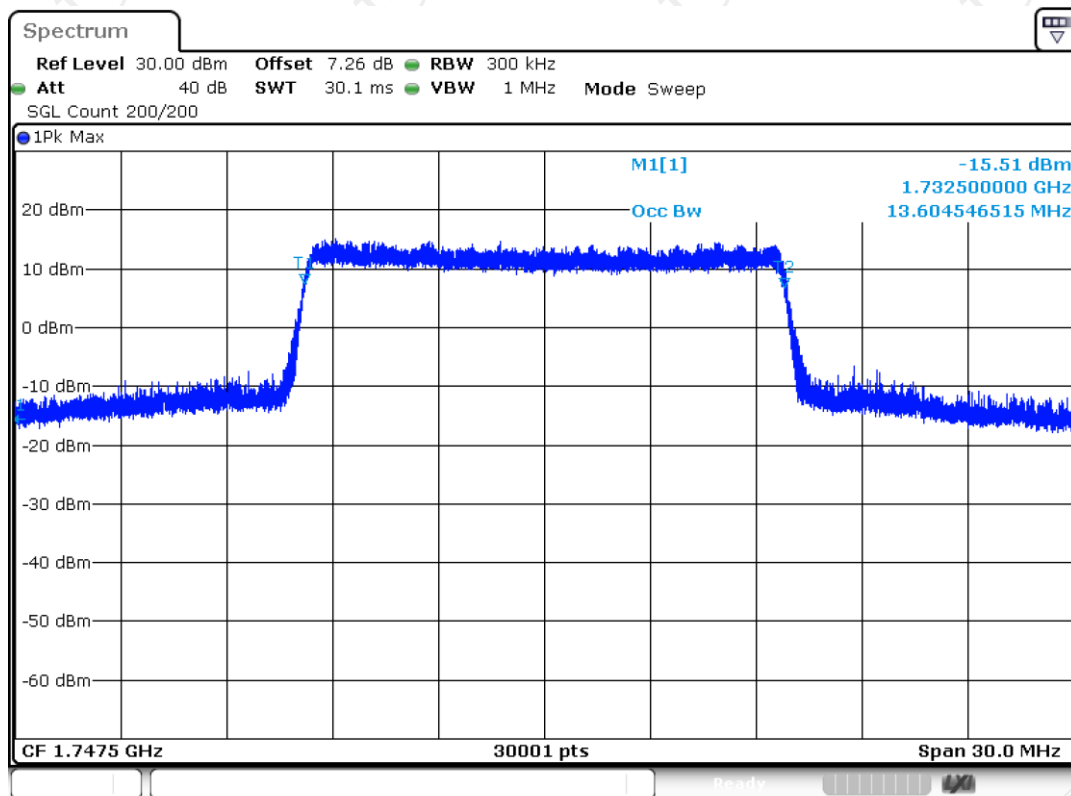
Date: 26.NOV.2024 16:16:39

Band4 QAM16 BW=15MHz Channel=20175 RB Size=75 Position=#0



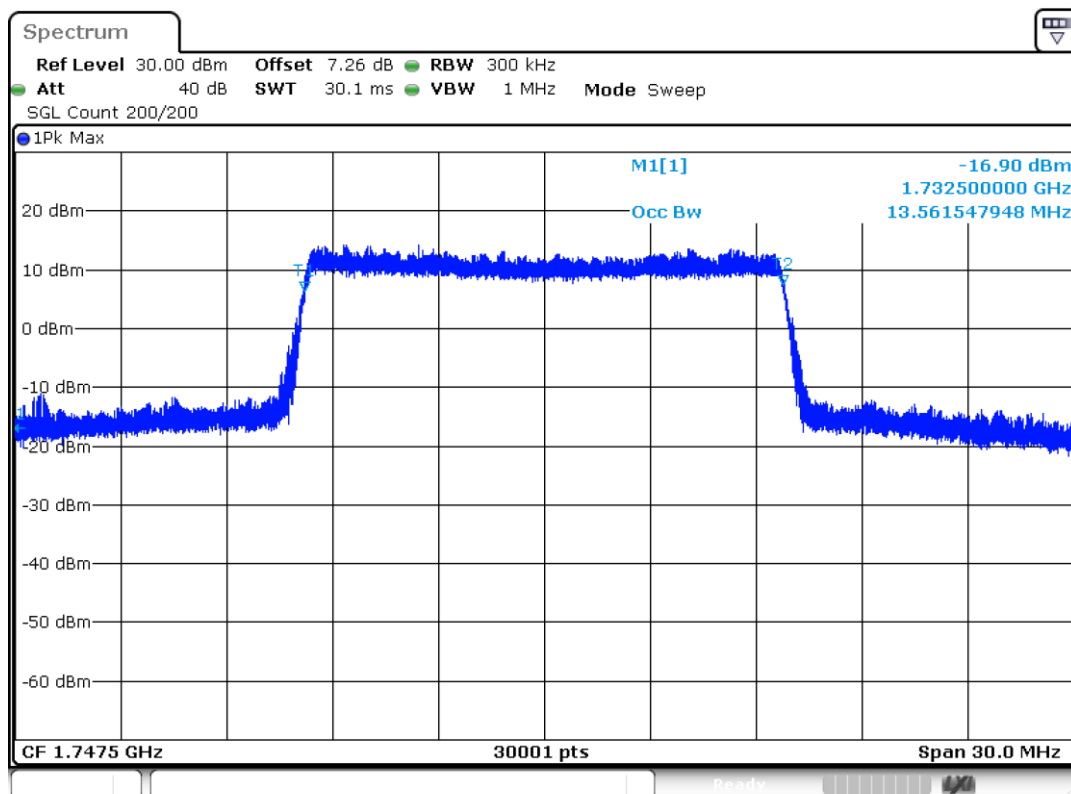
Date: 26.NOV.2024 16:16:55

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



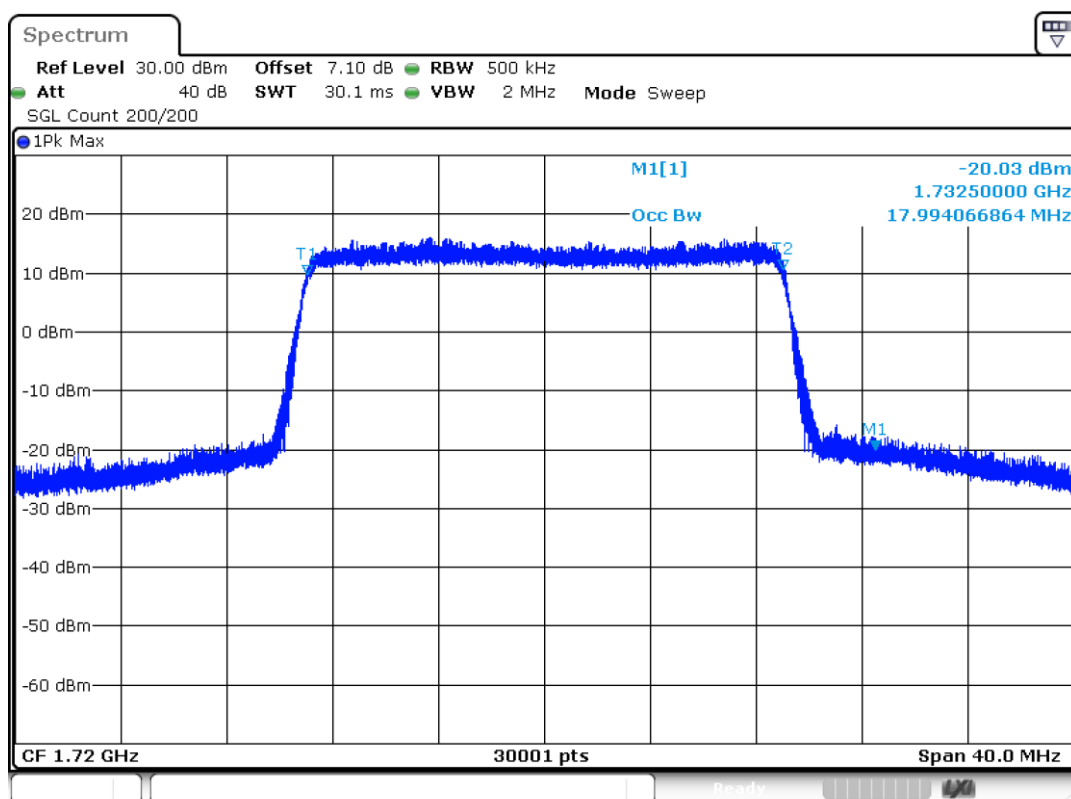
Date: 26.NOV.2024 16:17:12

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



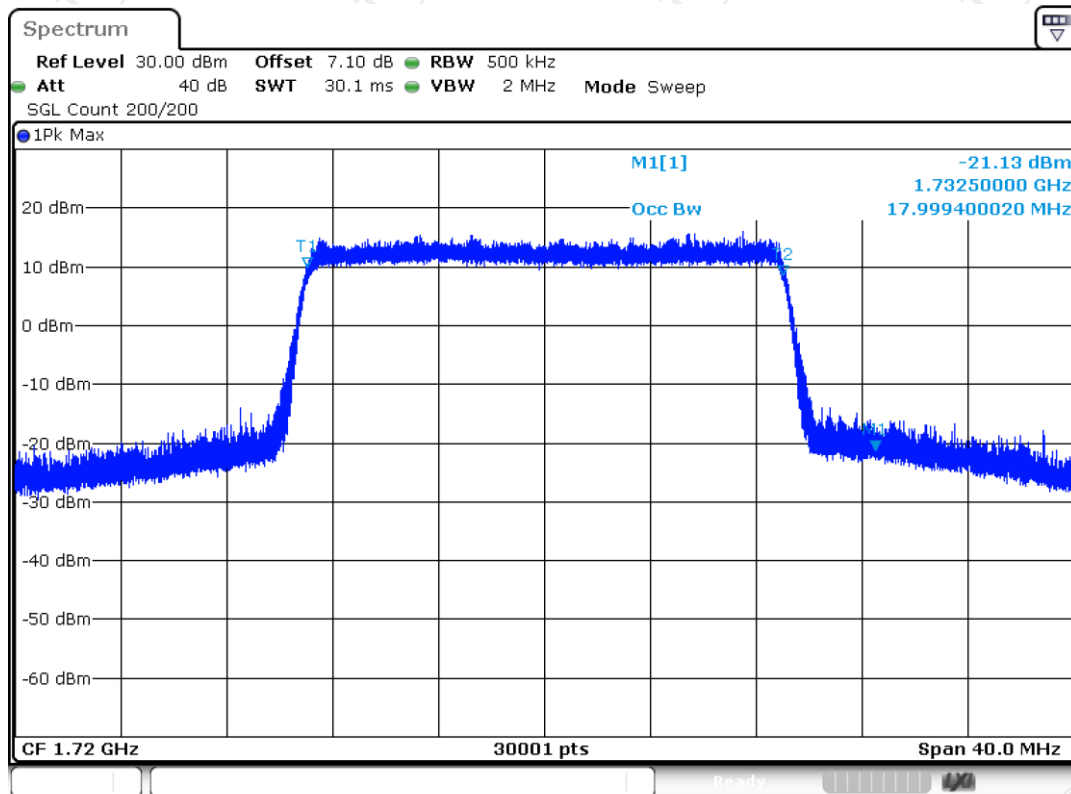
Date: 26.NOV.2024 16:17:27

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



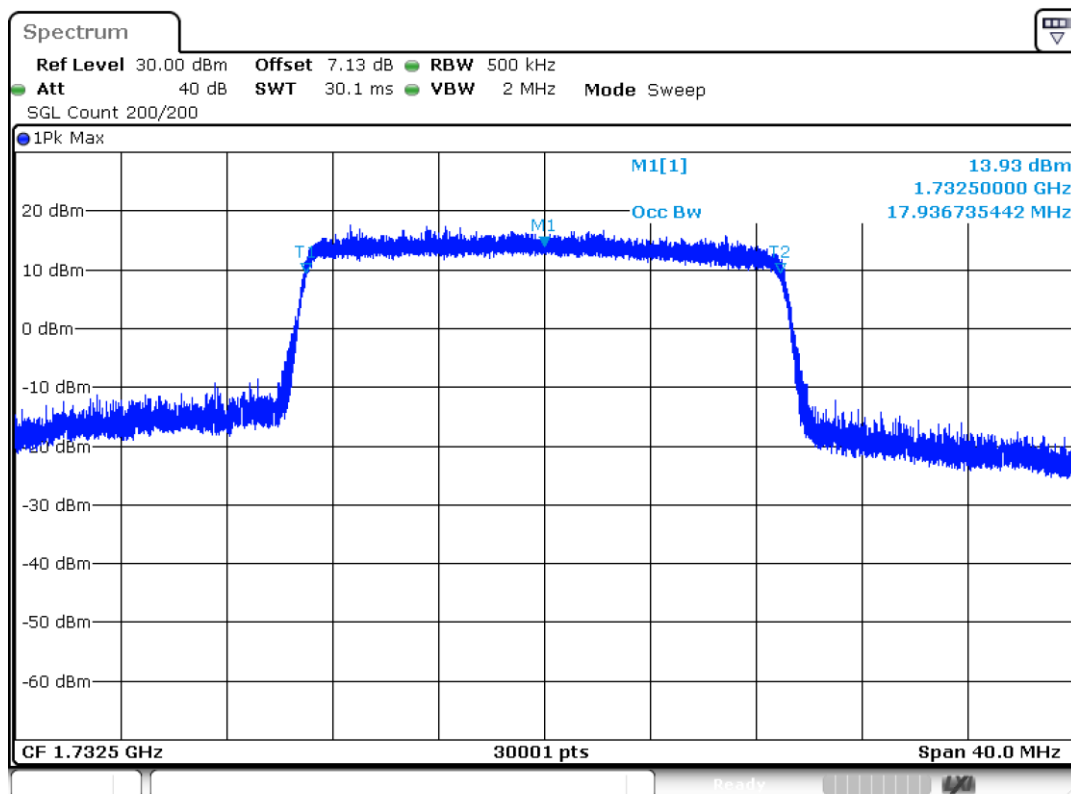
Date: 26.NOV.2024 16:17:45

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



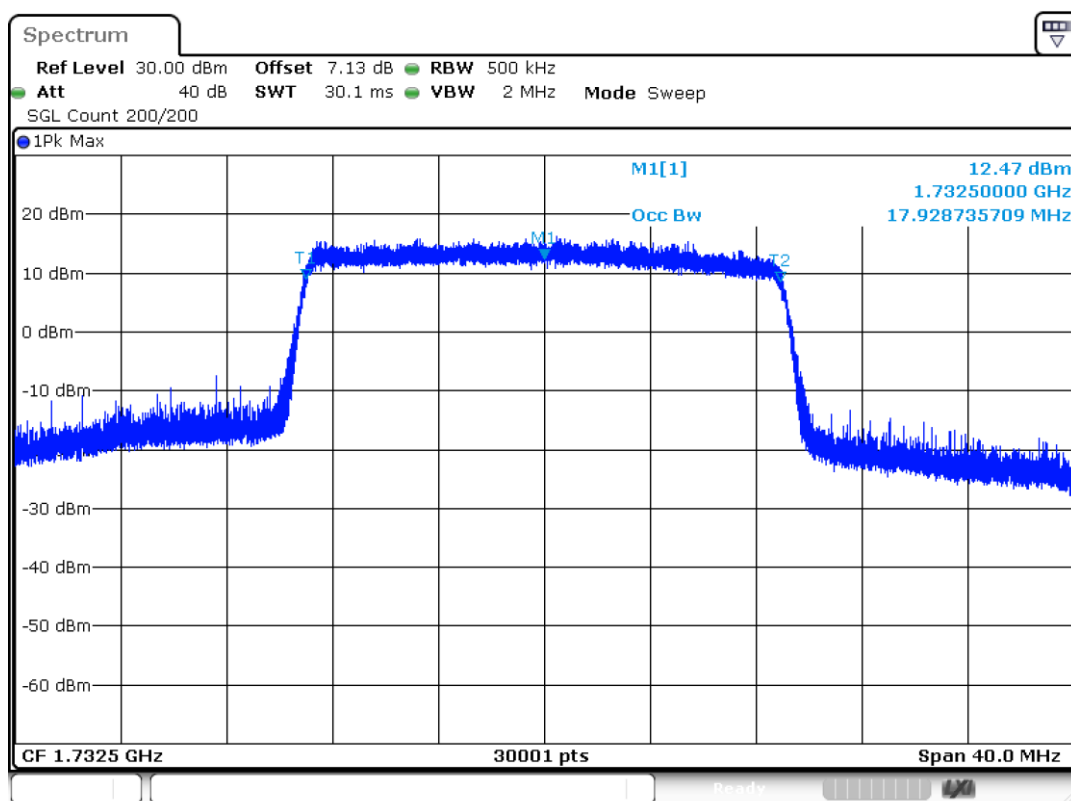
Date: 26.NOV.2024 16:18:01

Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



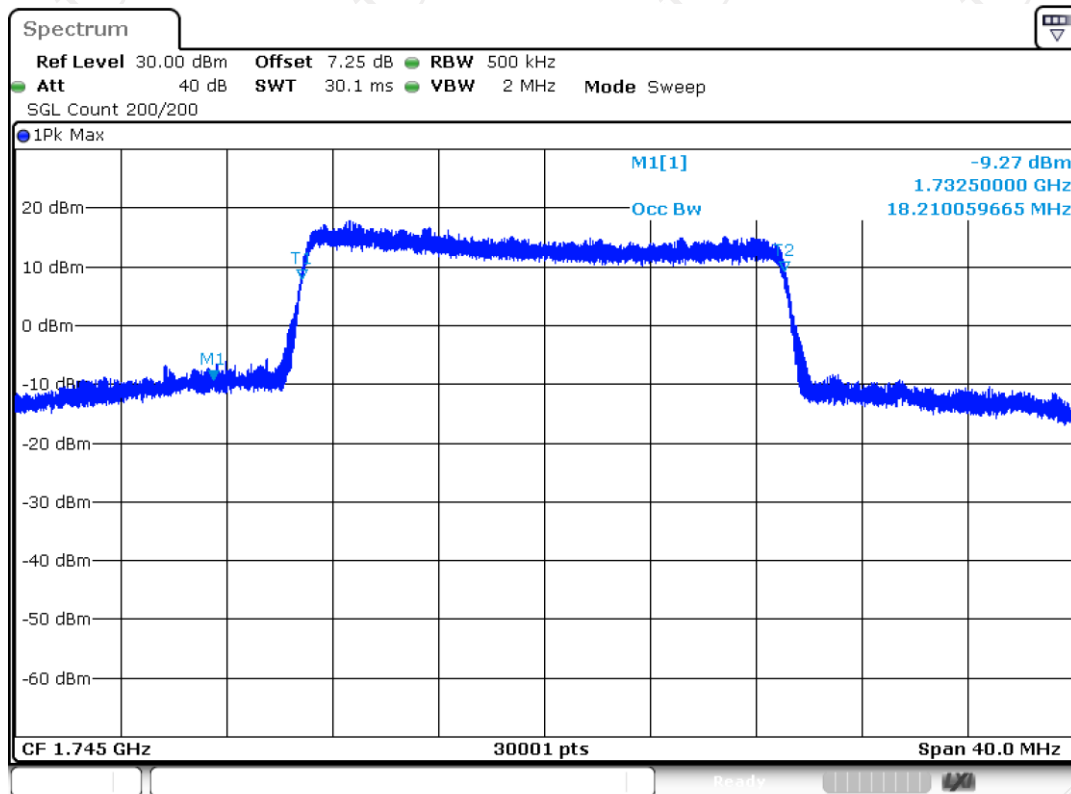
Date: 26.NOV.2024 16:18:18

Band4 QAM16 BW=20MHz Channel=20175 RB Size=100 Position=#0



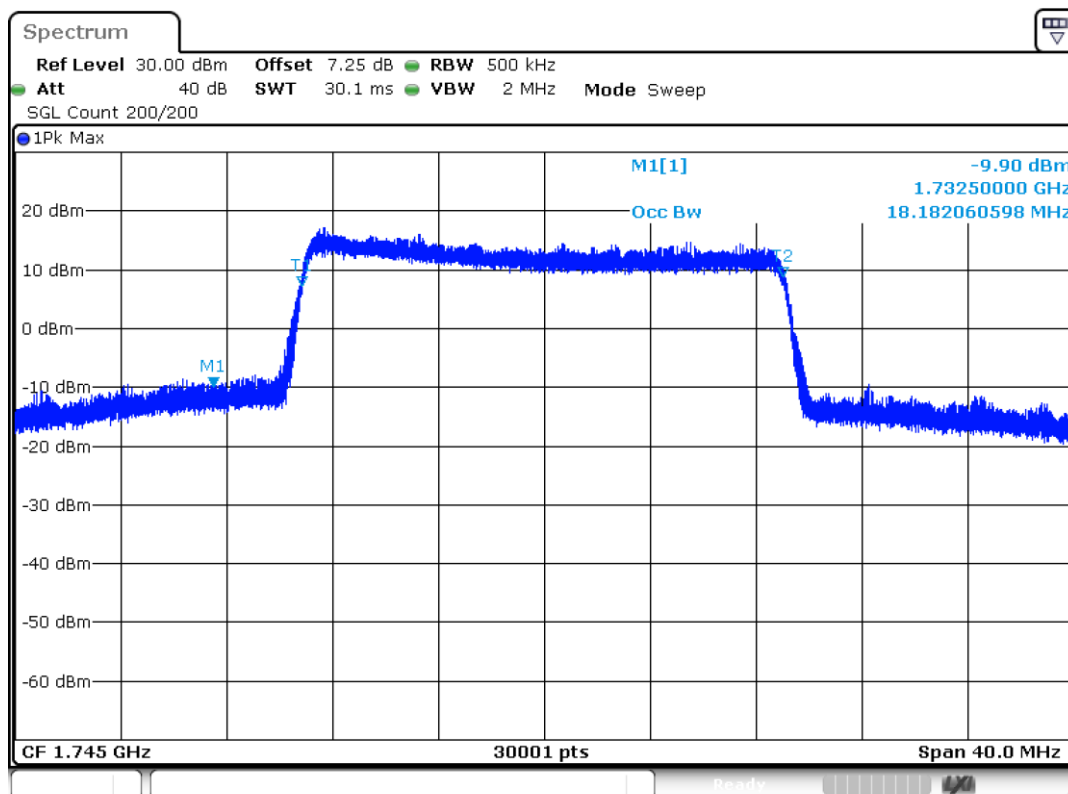
Date: 26.NOV.2024 16:18:34

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



Date: 26.NOV.2024 16:18:50

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



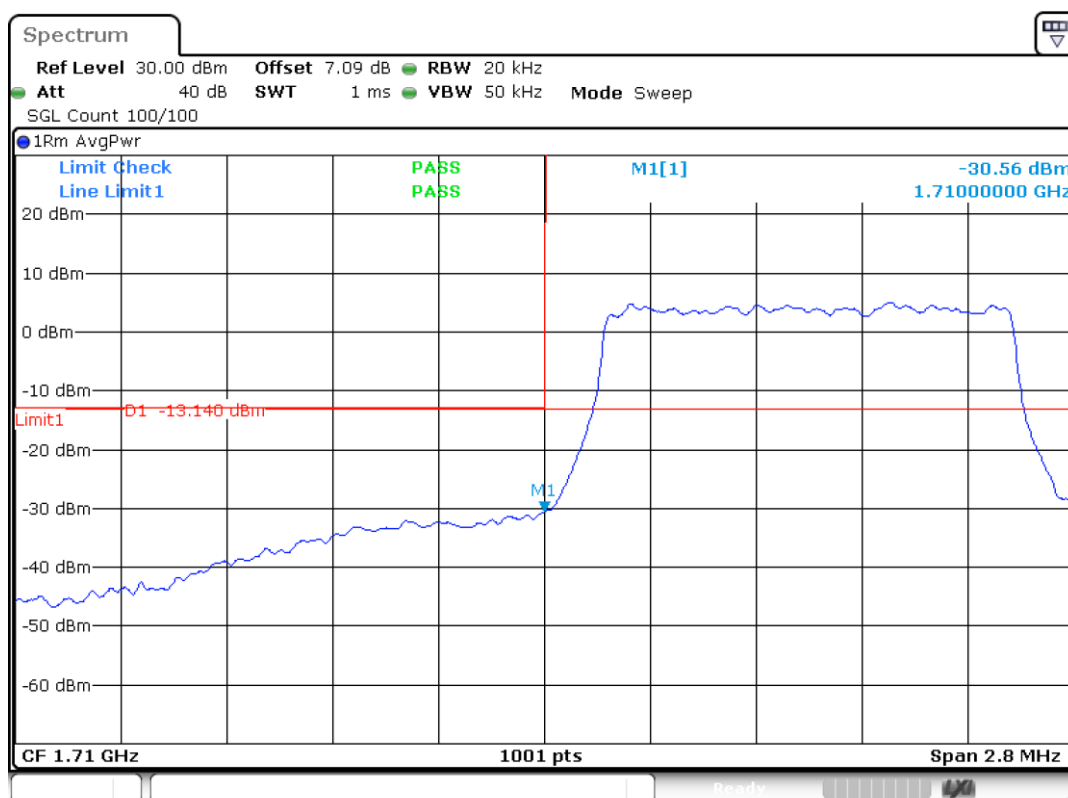
Date: 26.NOV.2024 16:19:06

5 Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	6	#0	QPSK	1710.00	-30.55	-13	PASS
Band4	1.4	19957	6	#0	QAM16	1710.00	-31.57	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.07	-21.86	-13	PASS
Band4	1.4	20393	6	#0	QAM16	1755.04	-28.24	-13	PASS
Band4	3	19965	15	#0	QPSK	1710.00	-31.95	-13	PASS
Band4	3	19965	15	#0	QAM16	1710.00	-30.97	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.10	-21.69	-13	PASS
Band4	3	20385	15	#0	QAM16	1755.00	-30.16	-13	PASS
Band4	5	19975	25	#0	QPSK	1710.00	-31.98	-13	PASS
Band4	5	19975	25	#0	QAM16	1710.00	-31.24	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.03	-21.06	-13	PASS
Band4	5	20375	25	#0	QAM16	1755.00	-30.00	-13	PASS
Band4	10	20000	50	#0	QPSK	1709.98	-33.83	-13	PASS
Band4	10	20000	50	#0	QAM16	1710.00	-33.82	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.18	-19.56	-13	PASS
Band4	10	20350	50	#0	QAM16	1755.08	-27.07	-13	PASS
Band4	15	20025	75	#0	QPSK	1710.00	-31.93	-13	PASS

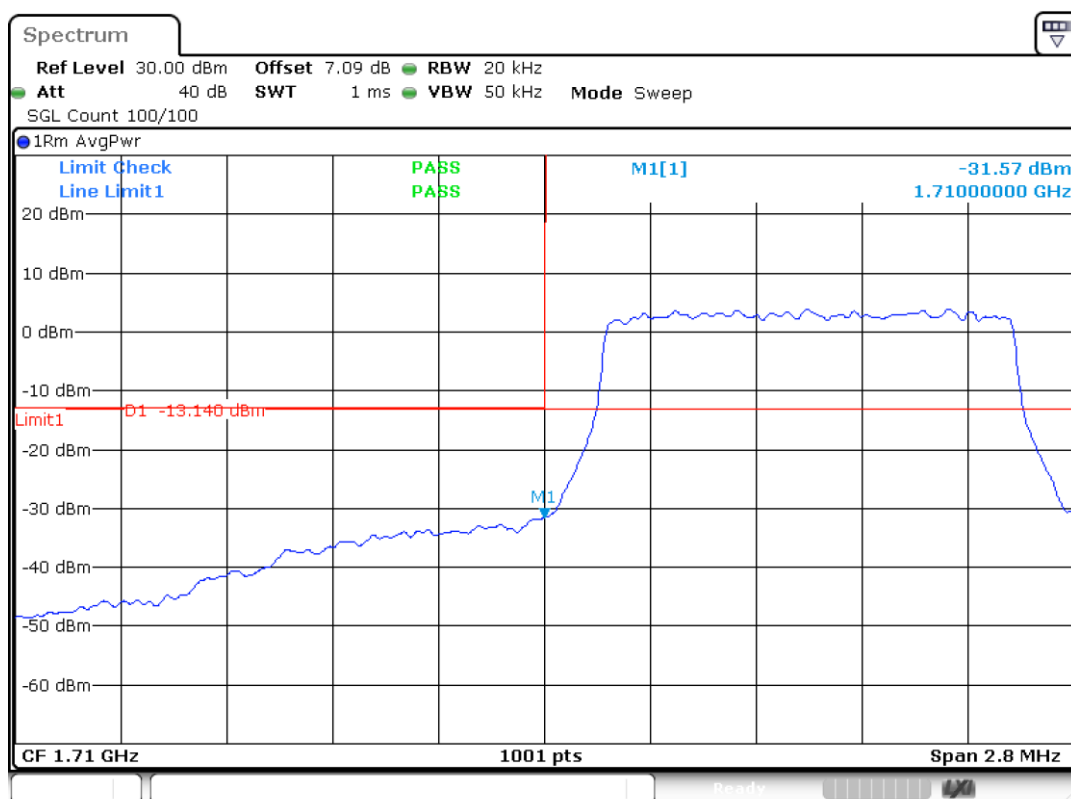
Band4	15	20025	75	#0	QAM16	1709.88	-33.34	-13	PASS
Band4	15	20325	75	#0	QPSK	1757.16	-21.78	-13	PASS
Band4	15	20325	75	#0	QAM16	1755.24	-25.59	-13	PASS
Band4	20	20050	100	#0	QPSK	1709.80	-33.03	-13	PASS
Band4	20	20050	100	#0	QAM16	1710.00	-33.87	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.48	-23.73	-13	PASS
Band4	20	20300	100	#0	QAM16	1757.60	-27.46	-13	PASS

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



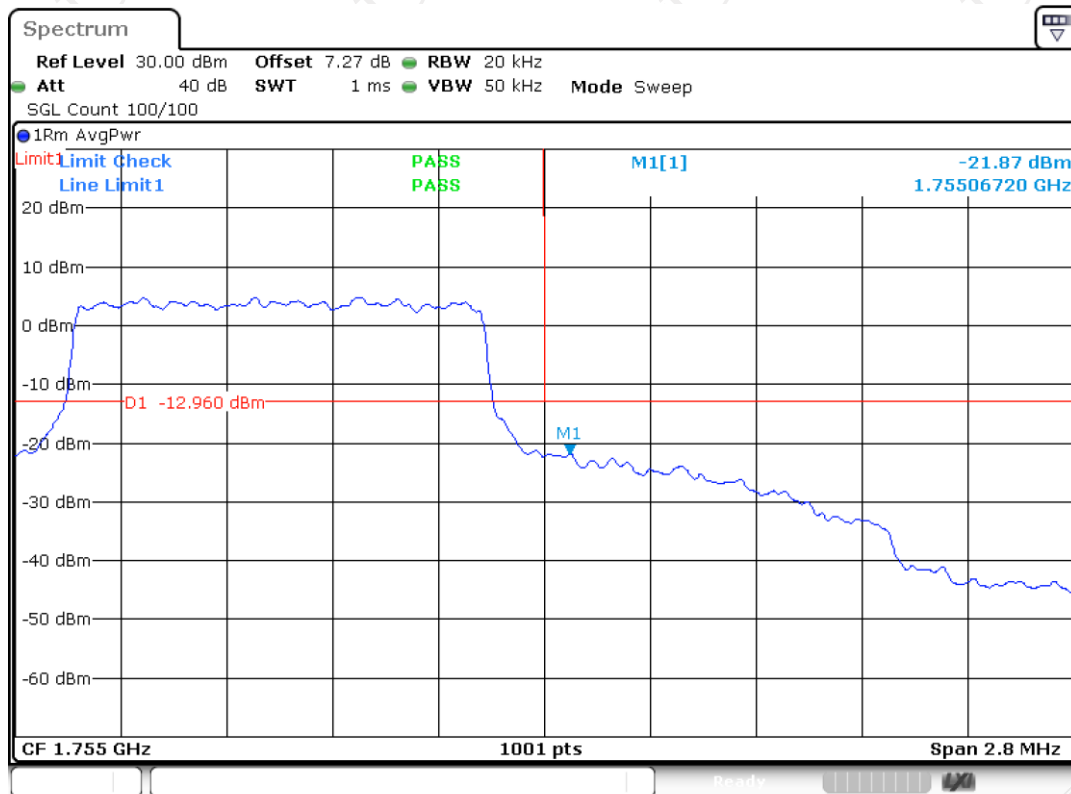
Date: 26.NOV.2024 16:19:24

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



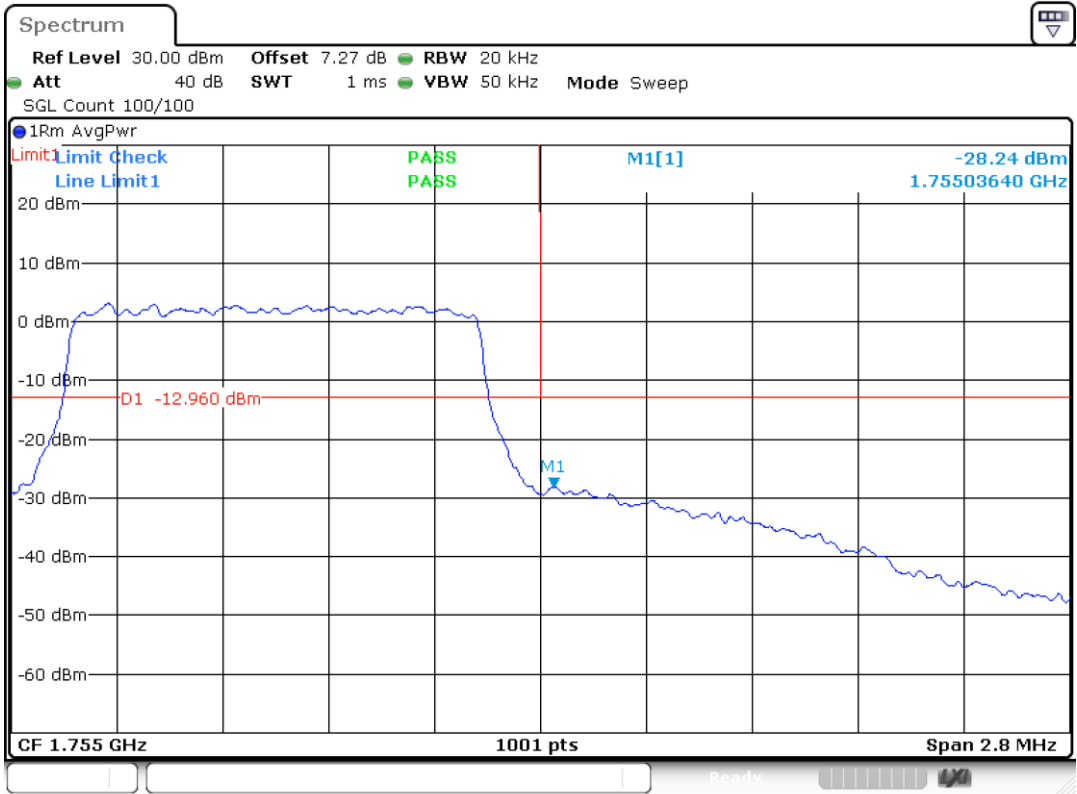
Date: 26.NOV.2024 16:19:29

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



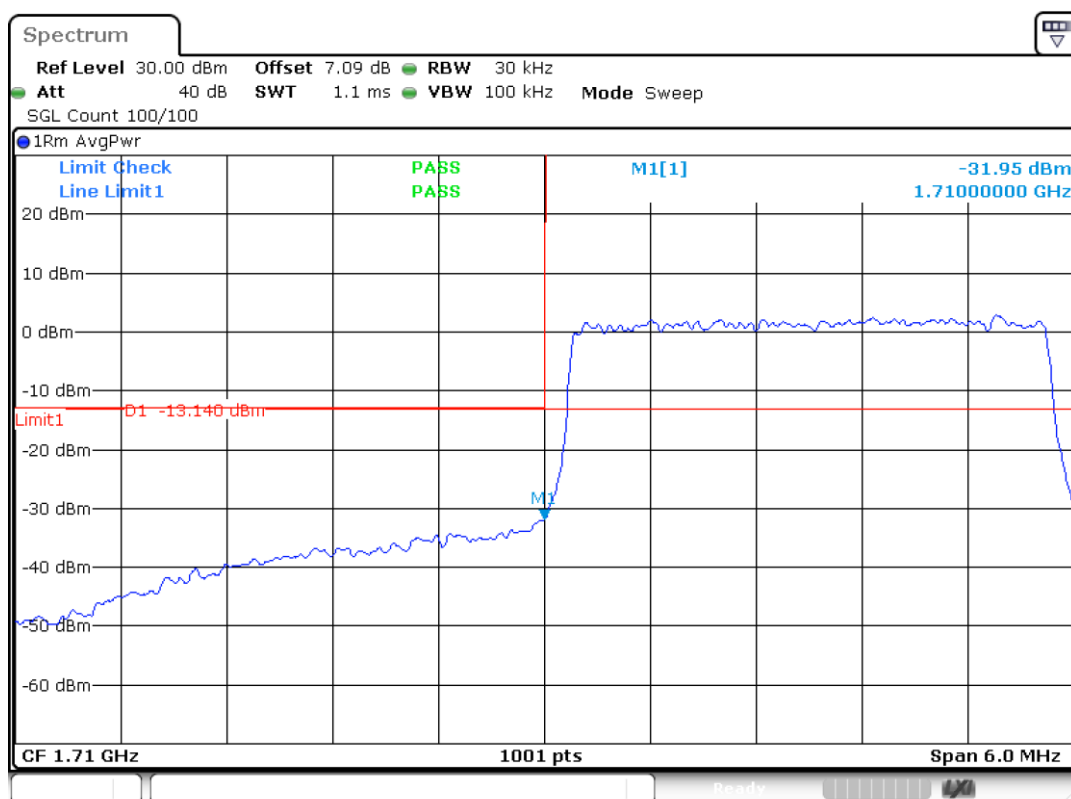
Date: 26.NOV.2024 16:19:34

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



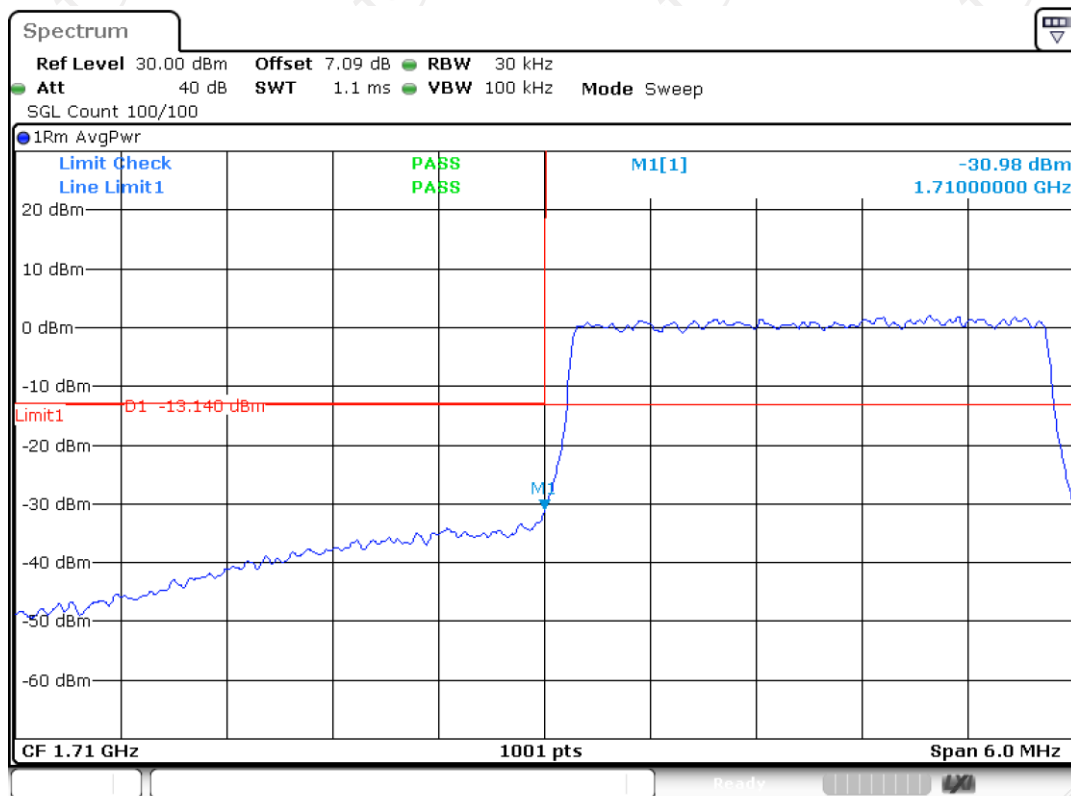
Date: 26.NOV.2024 16:19:38

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



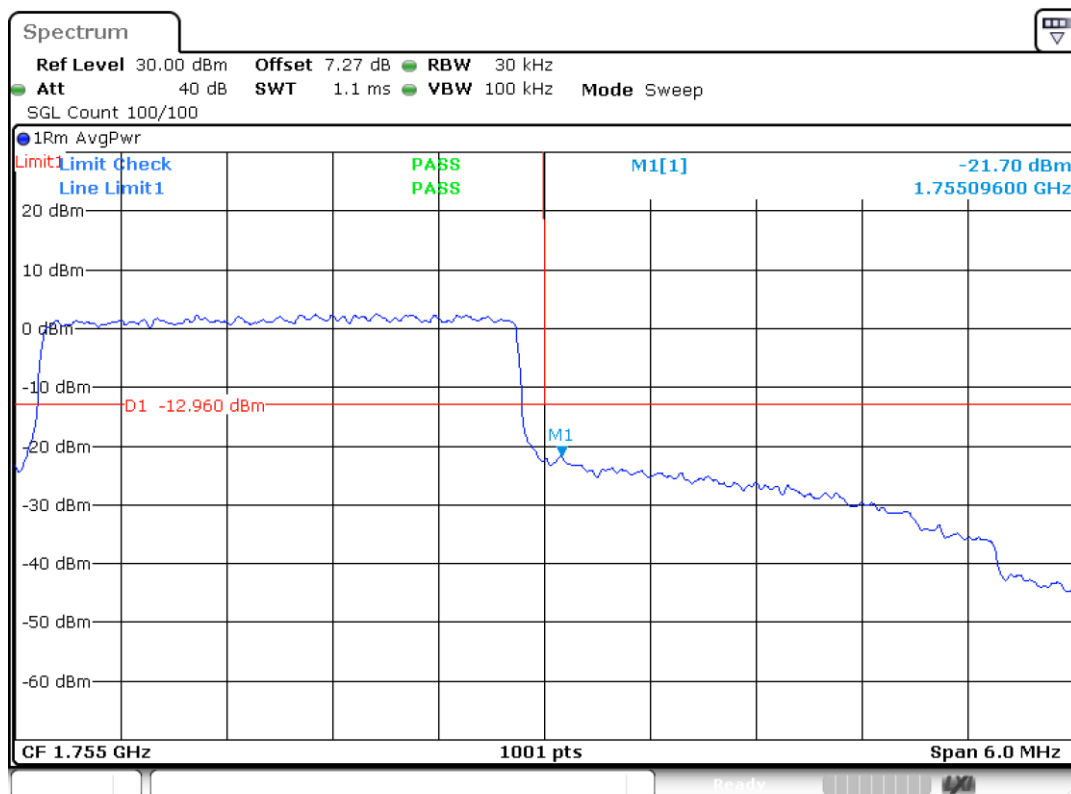
Date: 26.NOV.2024 16:19:44

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



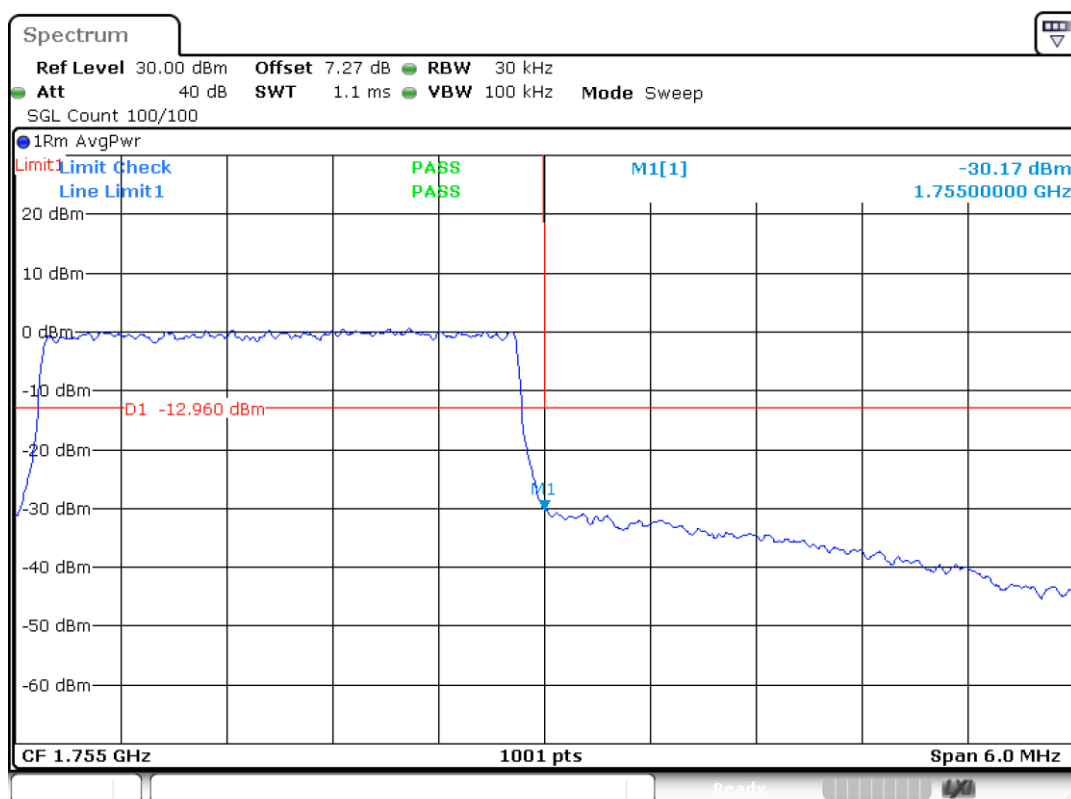
Date: 26.NOV.2024 16:19:48

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

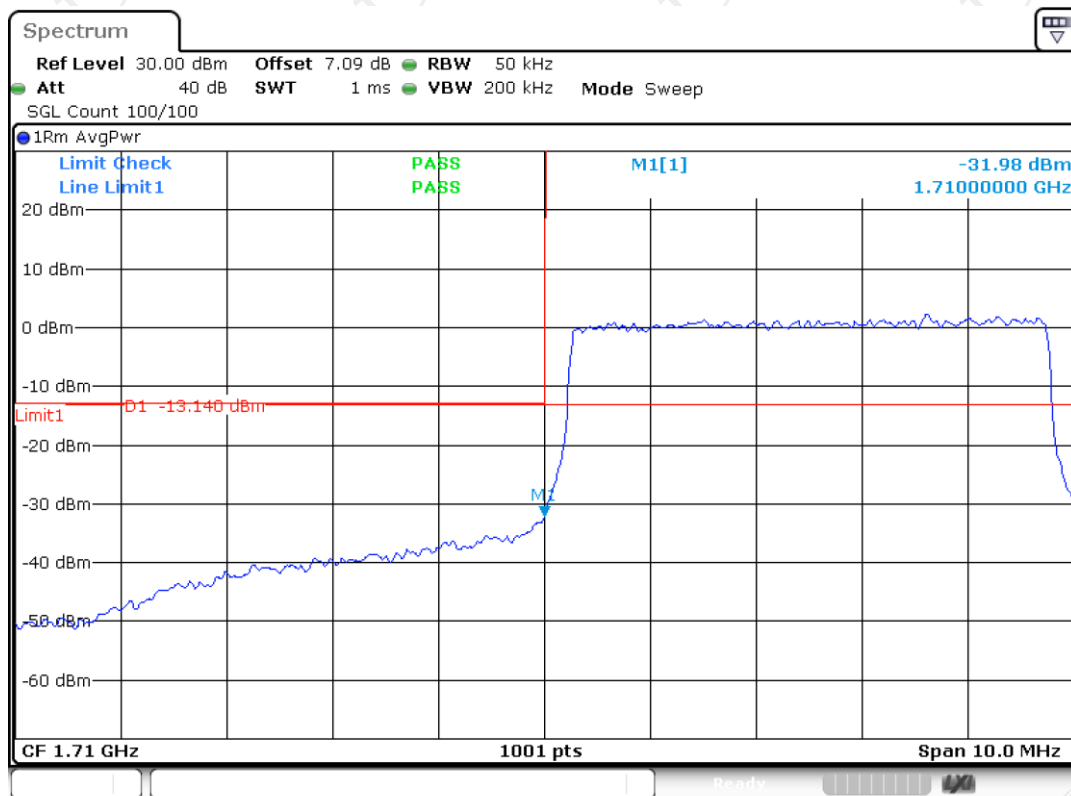


Date: 26.NOV.2024 16:19:53

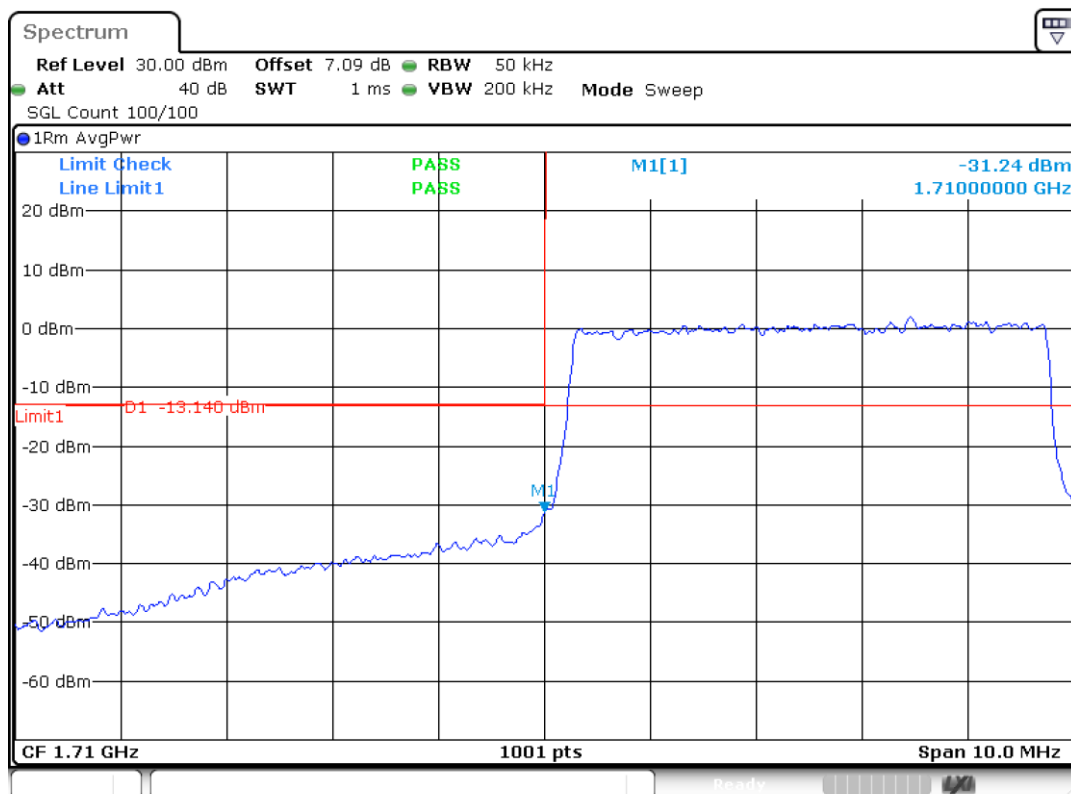
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



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

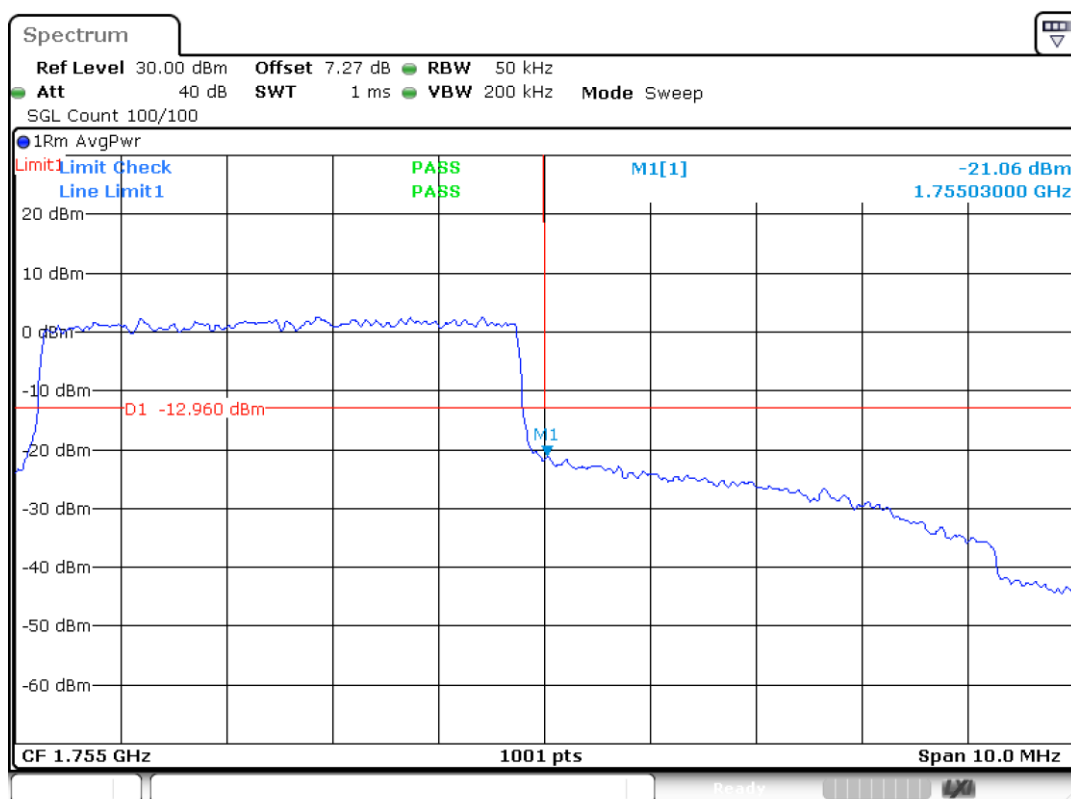


Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



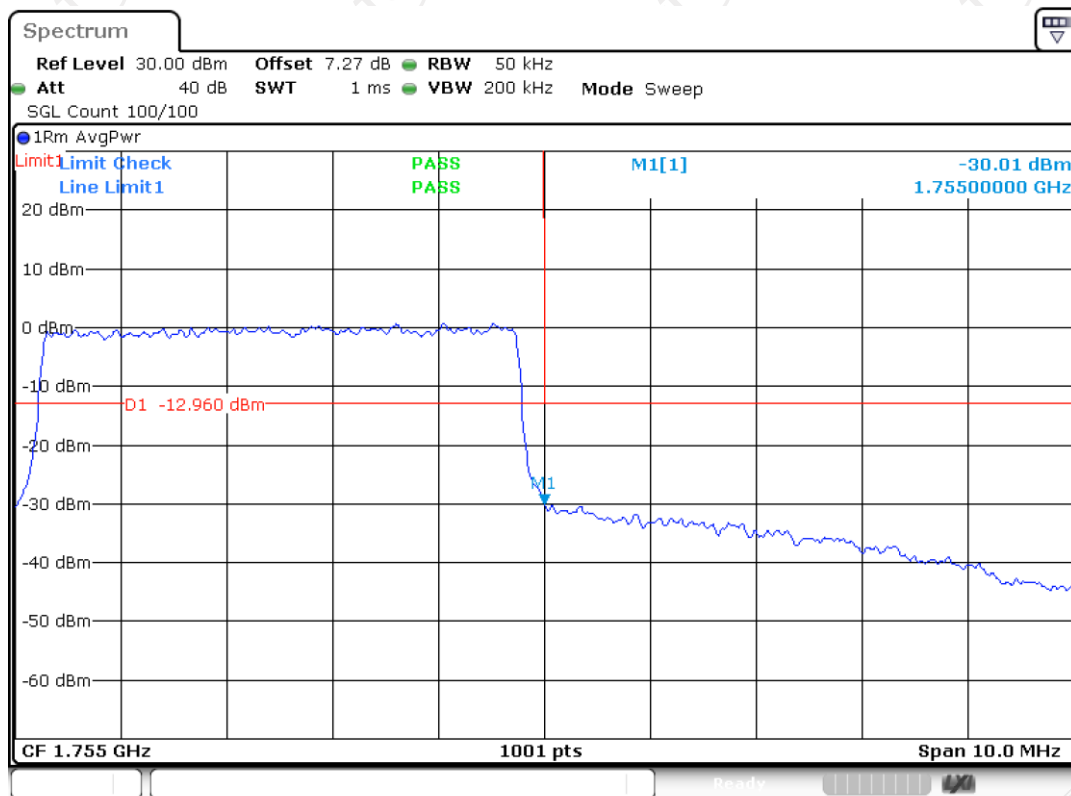
Date: 26.NOV.2024 16:20:08

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



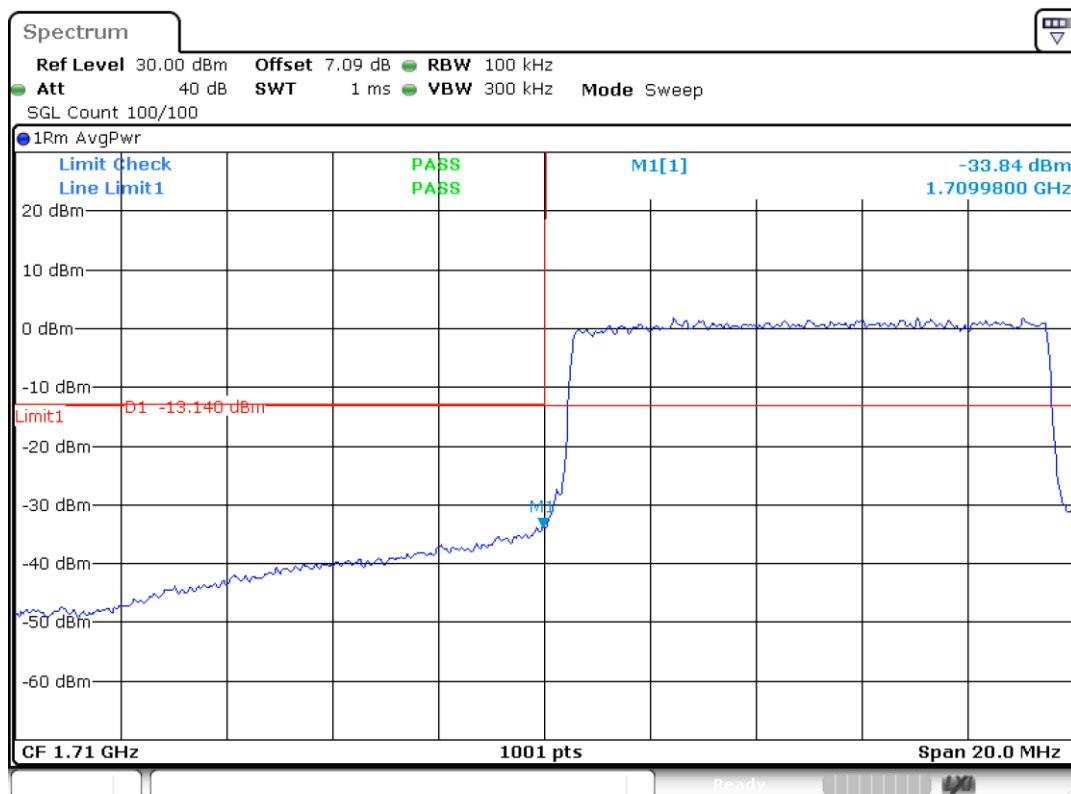
Date: 26.NOV.2024 16:20:13

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



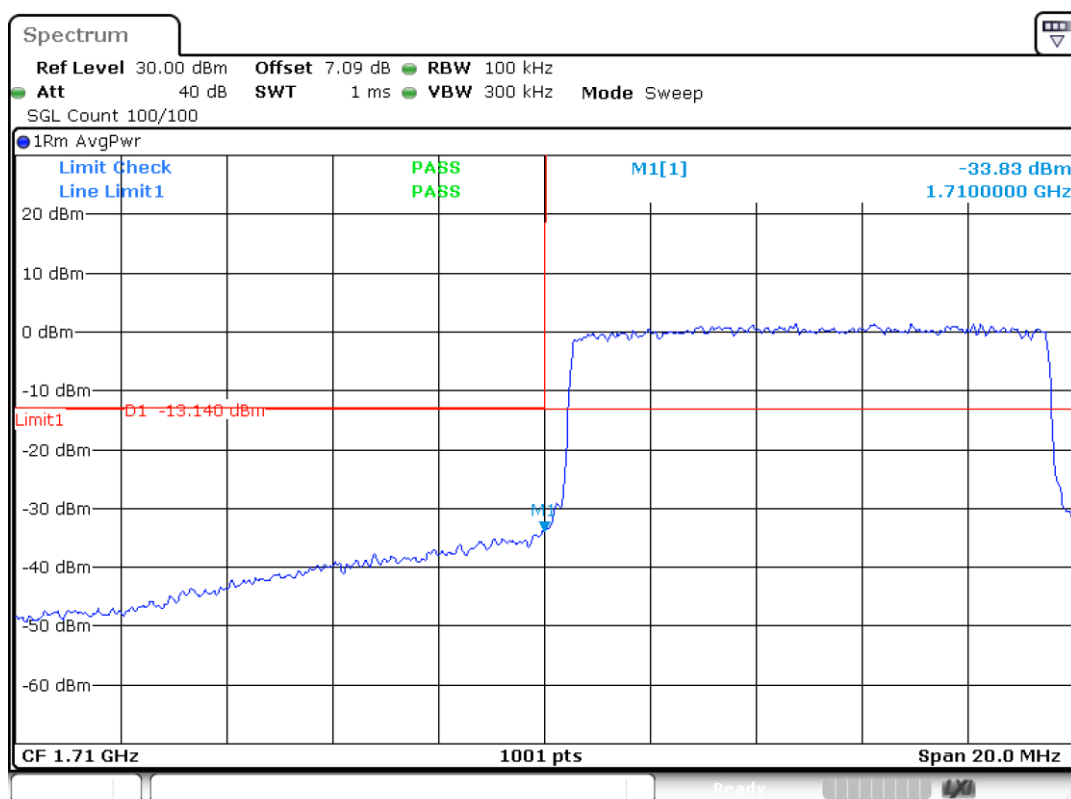
Date: 26.NOV.2024 16:20:18

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



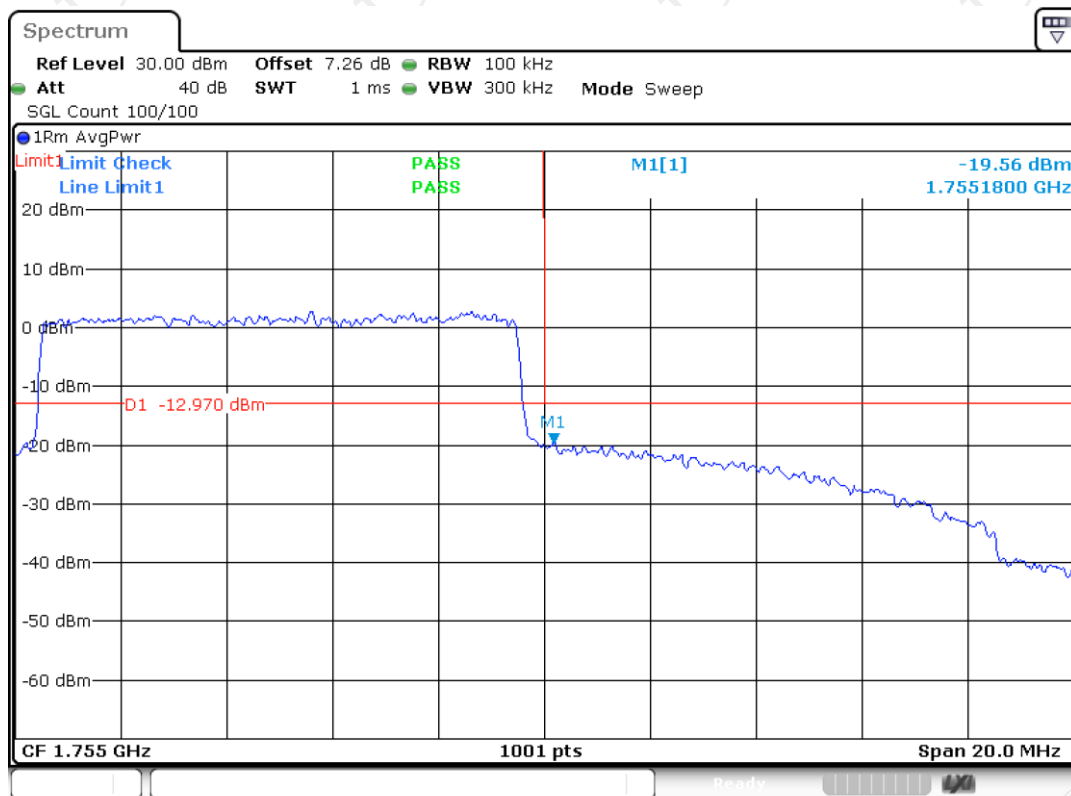
Date: 26.NOV.2024 16:20:23

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



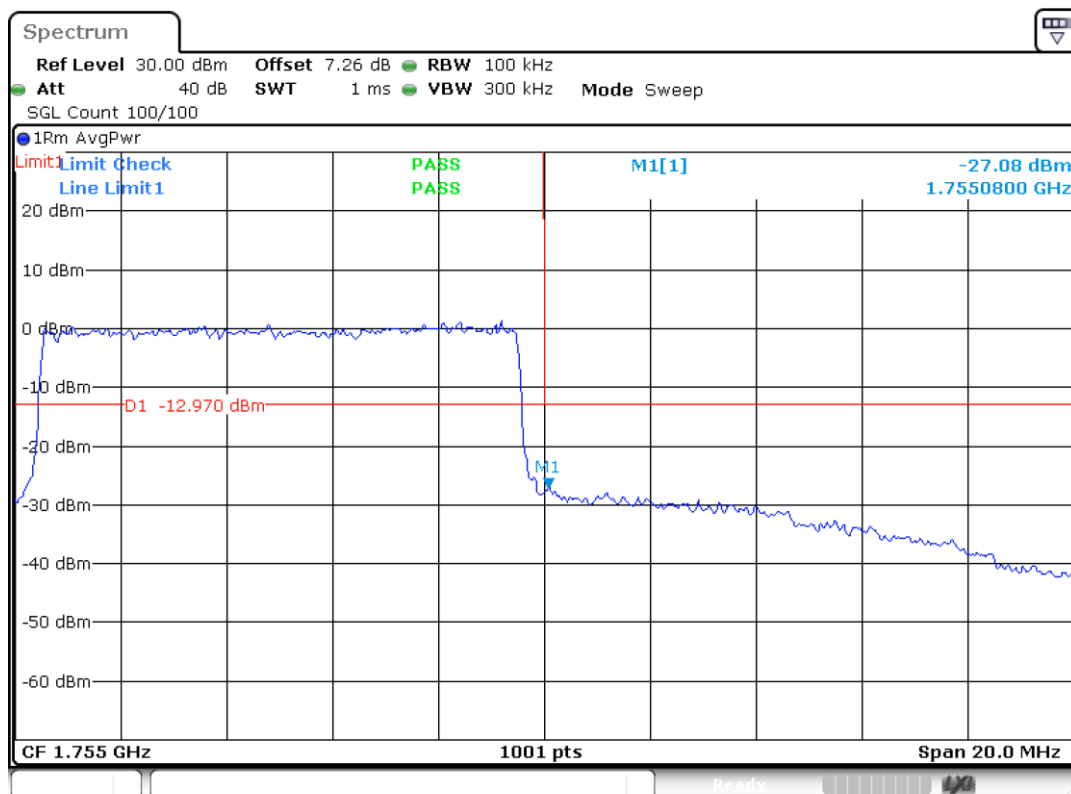
Date: 26.NOV.2024 16:20:28

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



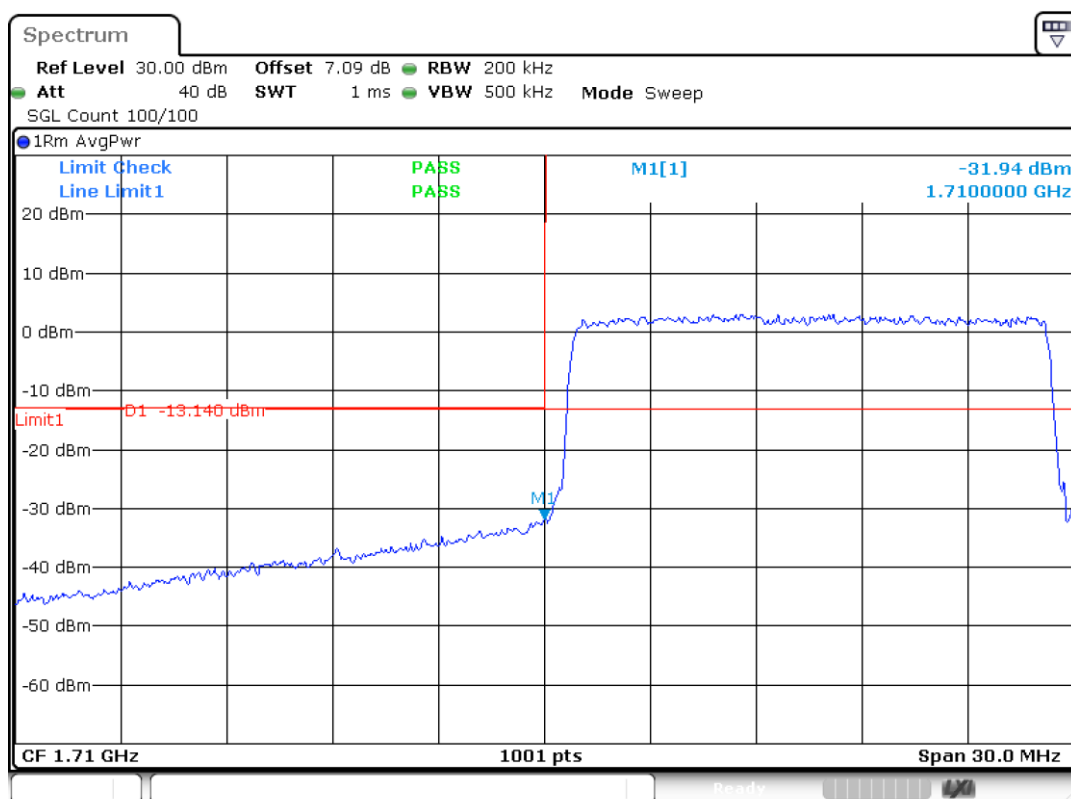
Date: 26.NOV.2024 16:20:32

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



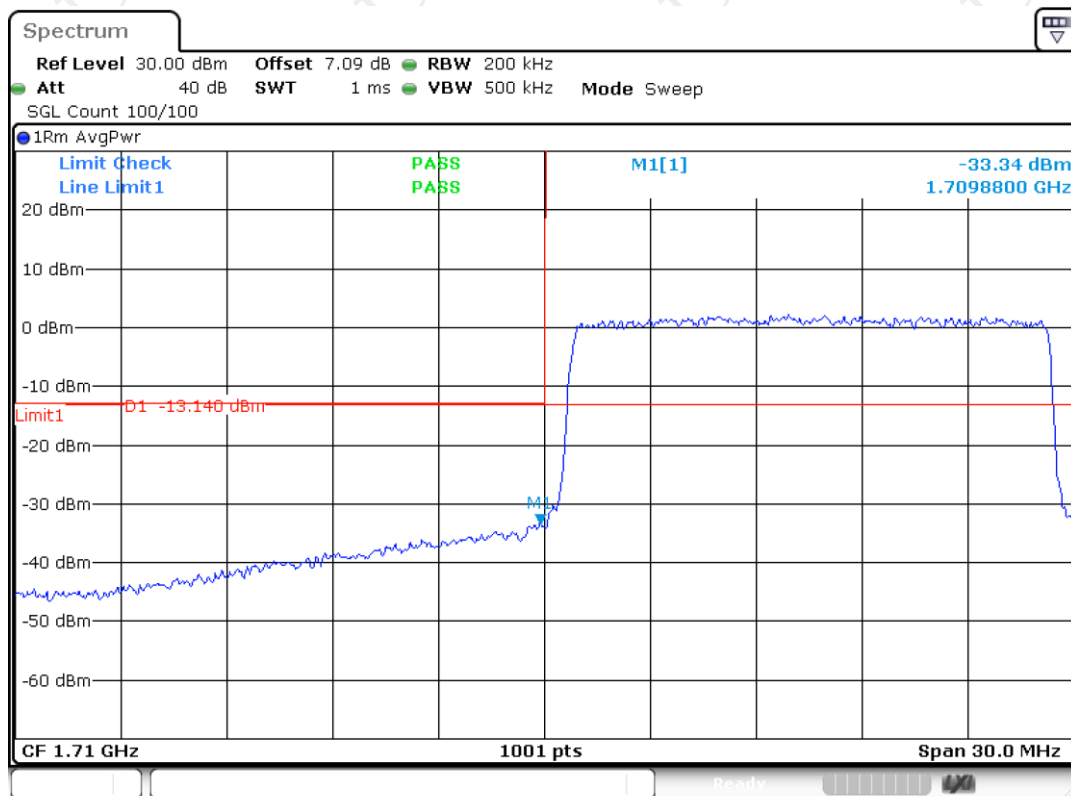
Date: 26.NOV.2024 16:20:37

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



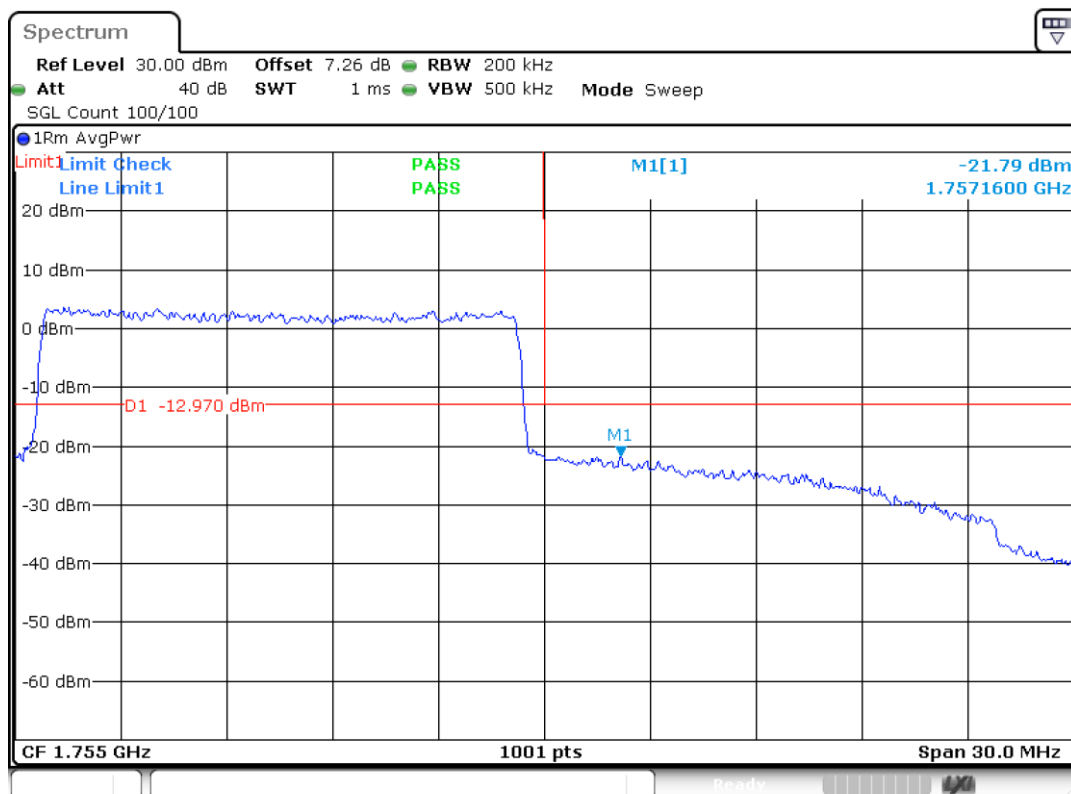
Date: 26.NOV.2024 16:20:42

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



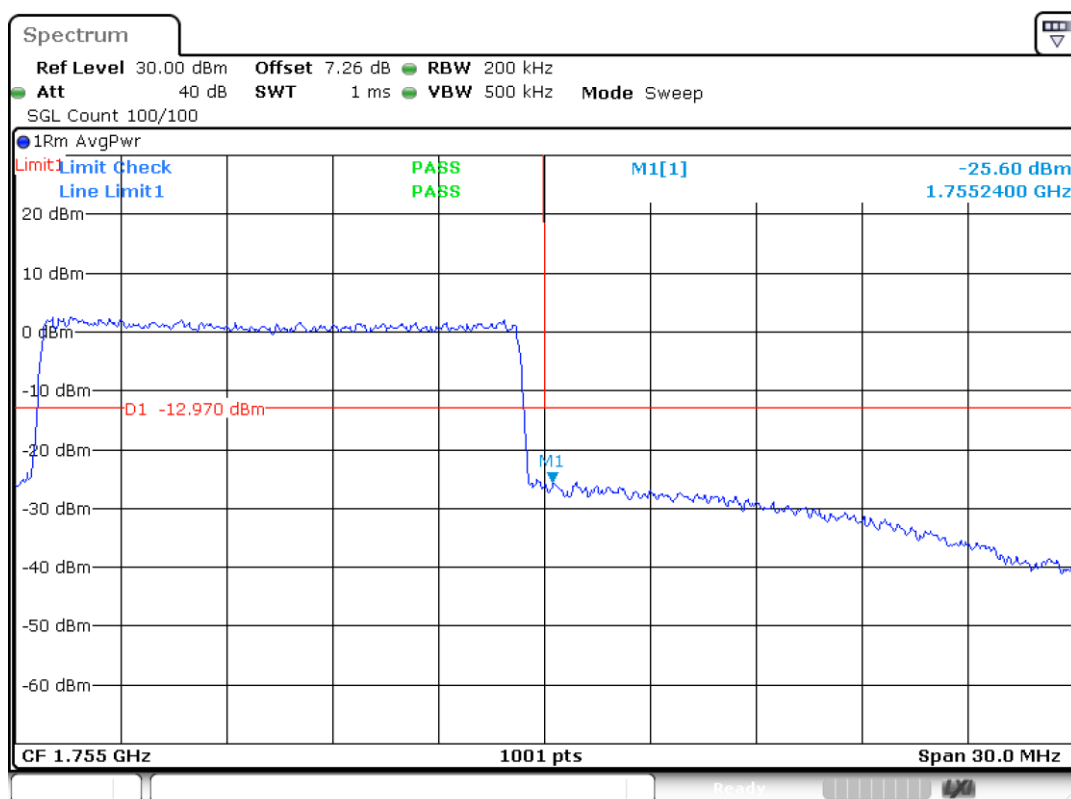
Date: 26.NOV.2024 16:20:47

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

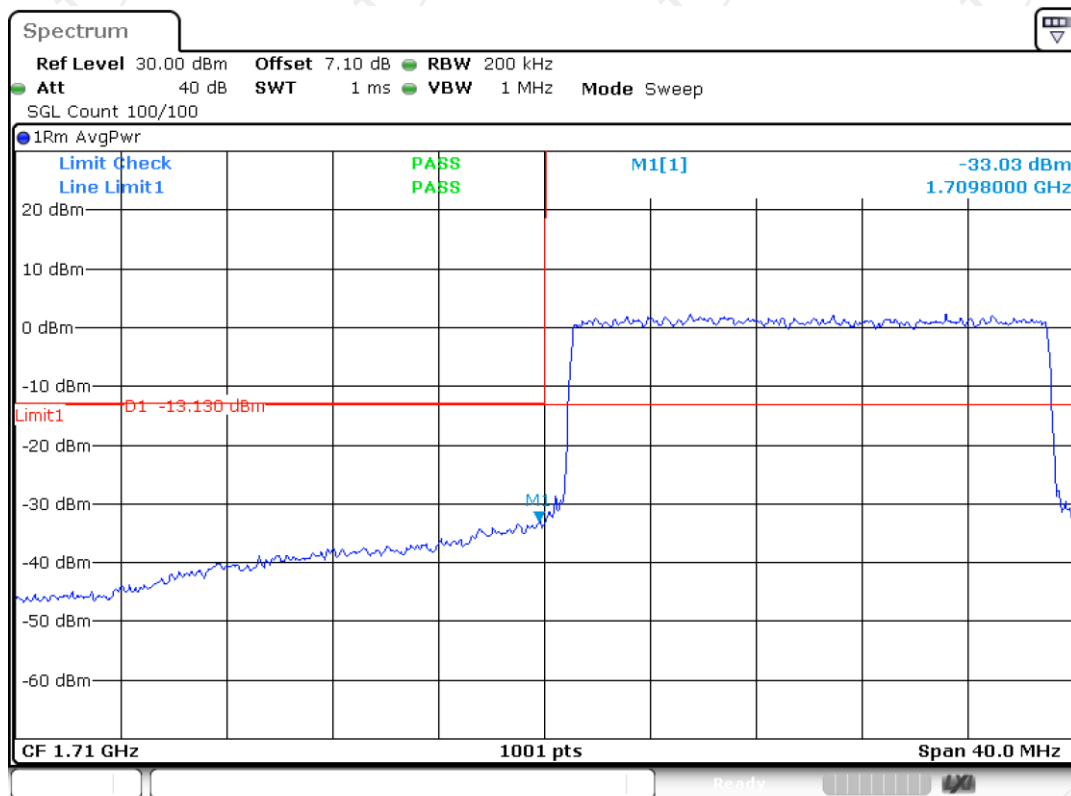


Date: 26.NOV.2024 16:20:52

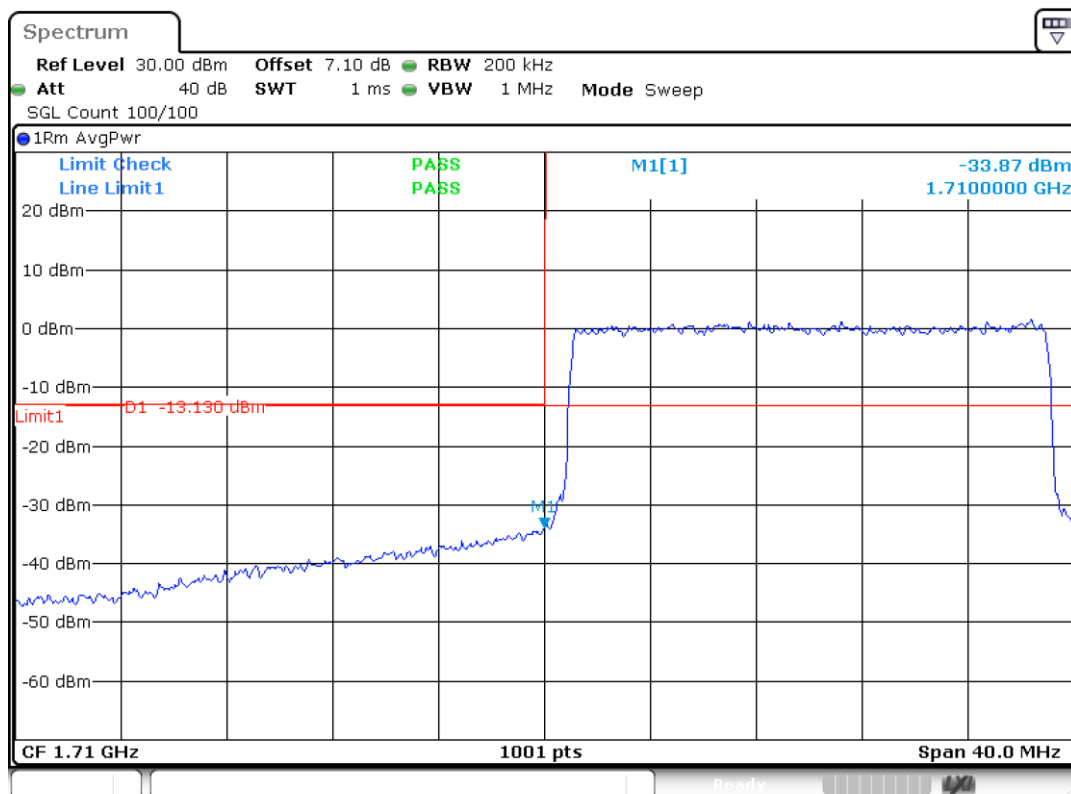
Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0



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

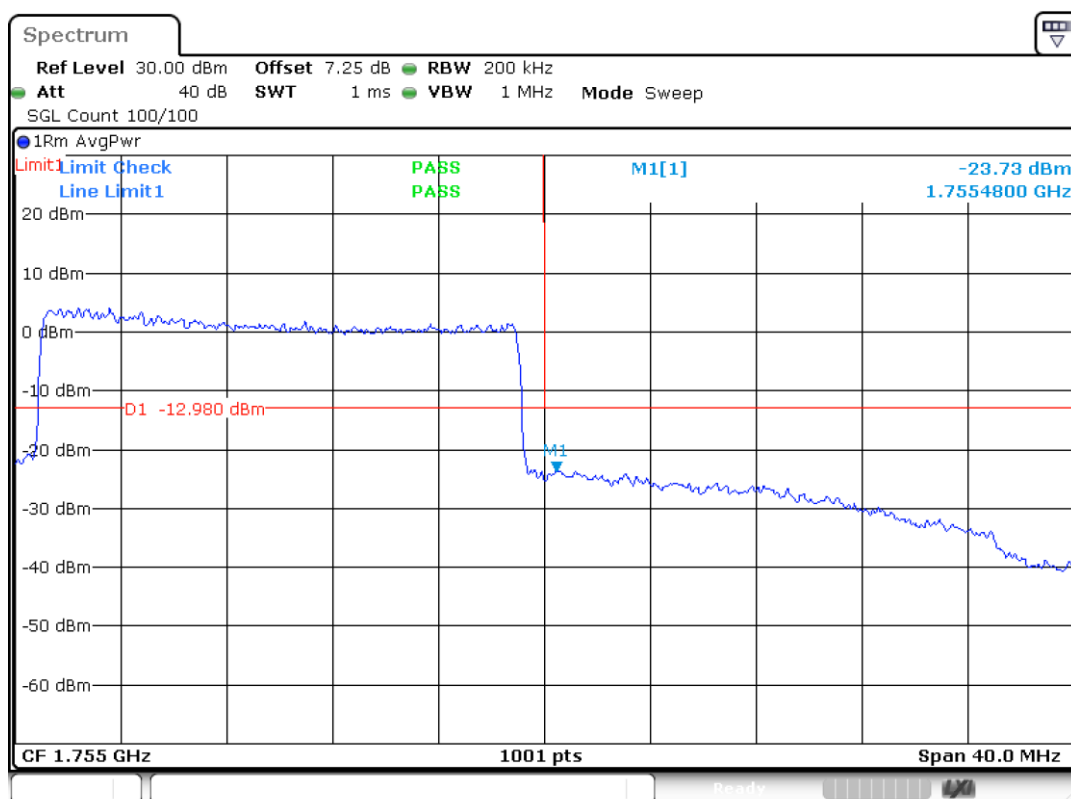


Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0



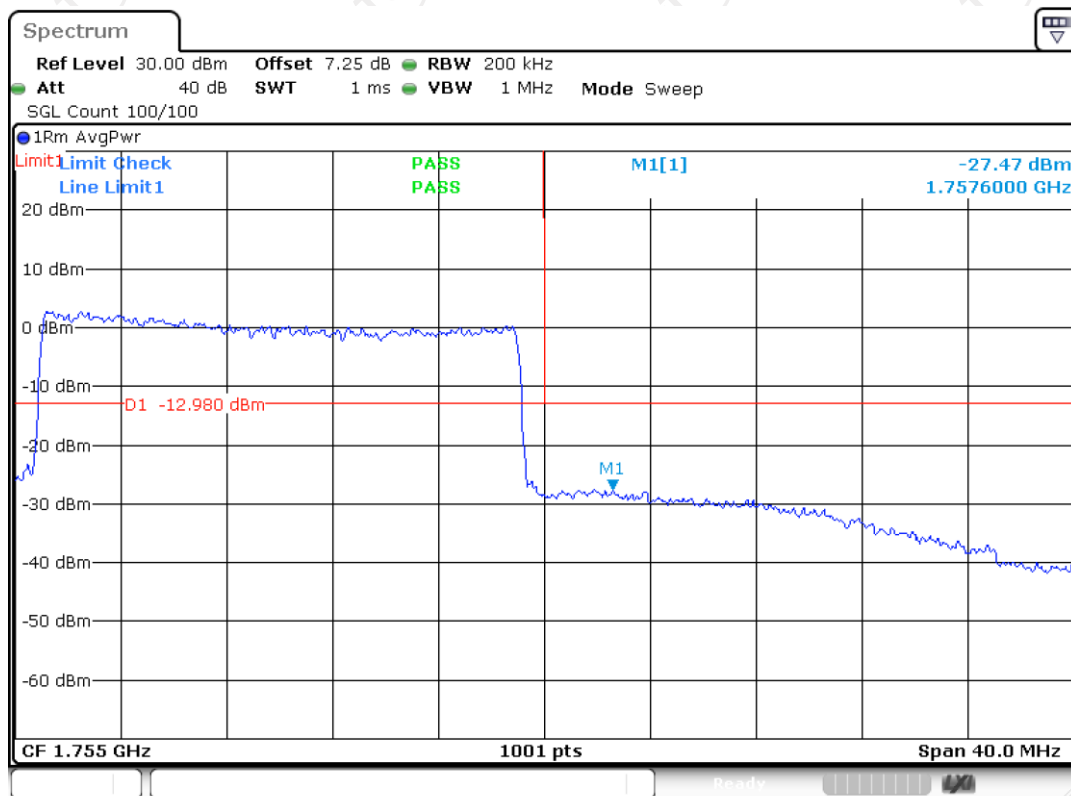
Date: 26.NOV.2024 16:21:10

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



Date: 26.NOV.2024 16:21:16

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

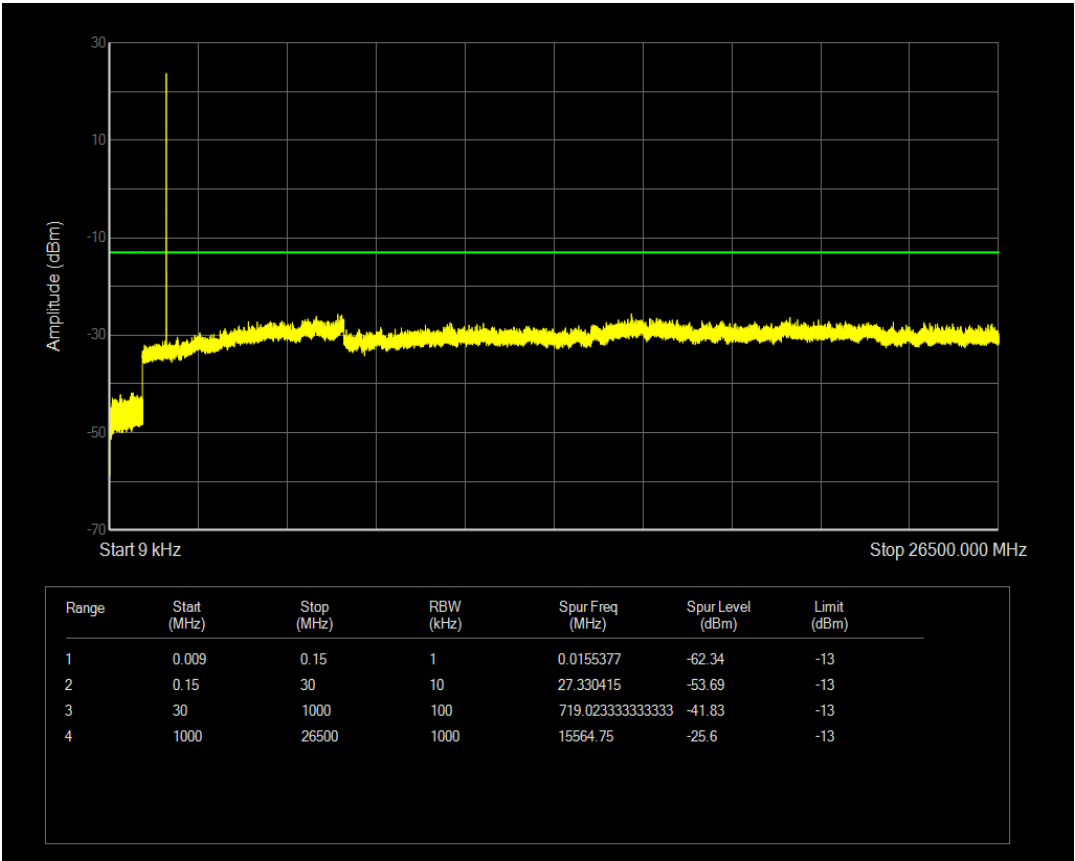


Date: 26.NOV.2024 16:21:21

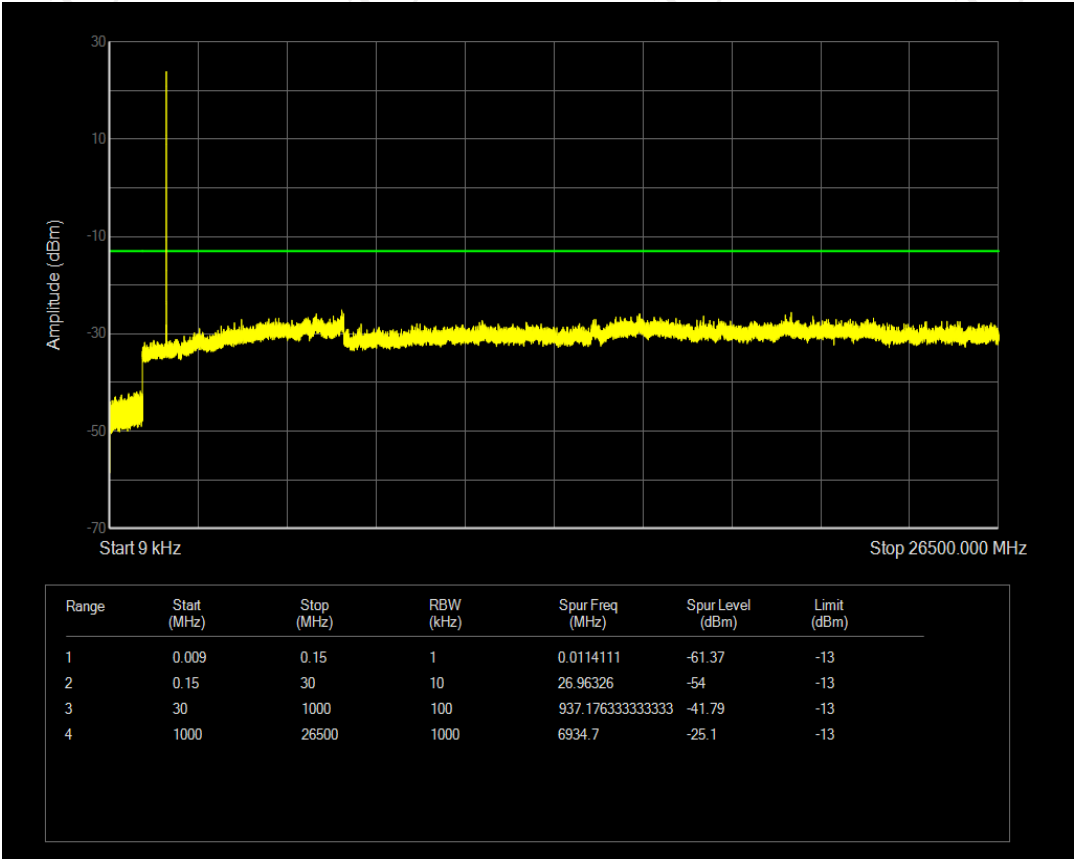
6 Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	6	#0	QPSK	15564.75	-25.60	-13	PASS
Band4	1.4	19957	6	#0	QAM16	6934.70	-25.10	-13	PASS
Band4	1.4	20175	6	#0	QPSK	6174.80	-25.91	-13	PASS
Band4	1.4	20175	6	#0	QAM16	21464.60	-25.36	-13	PASS
Band4	1.4	20393	6	#0	QPSK	6162.90	-25.67	-13	PASS
Band4	1.4	20393	6	#0	QAM16	4906.60	-25.01	-13	PASS
Band4	3	19965	15	#0	QPSK	6910.05	-25.33	-13	PASS
Band4	3	19965	15	#0	QAM16	6160.35	-25.64	-13	PASS
Band4	3	20175	15	#0	QPSK	6972.10	-25.31	-13	PASS
Band4	3	20175	15	#0	QAM16	15843.55	-25.20	-13	PASS
Band4	3	20385	15	#0	QPSK	15508.65	-24.88	-13	PASS
Band4	3	20385	15	#0	QAM16	15819.75	-25.41	-13	PASS
Band4	5	19975	25	#0	QPSK	6933.85	-25.44	-13	PASS
Band4	5	19975	25	#0	QAM16	22584.05	-25.22	-13	PASS
Band4	5	20175	25	#0	QPSK	15798.50	-26.02	-13	PASS
Band4	5	20175	25	#0	QAM16	6929.60	-25.35	-13	PASS
Band4	5	20375	25	#0	QPSK	6169.70	-25.20	-13	PASS
Band4	5	20375	25	#0	QAM16	6187.55	-25.22	-13	PASS
Band4	10	20000	50	#0	QPSK	6186.70	-25.49	-13	PASS
Band4	10	20000	50	#0	QAM16	22791.45	-25.40	-13	PASS
Band4	10	20175	50	#0	QPSK	18248.20	-25.48	-13	PASS
Band4	10	20175	50	#0	QAM16	6893.90	-24.98	-13	PASS
Band4	10	20350	50	#0	QPSK	6177.35	-25.59	-13	PASS
Band4	10	20350	50	#0	QAM16	6984.85	-25.42	-13	PASS
Band4	15	20025	75	#0	QPSK	20152.20	-25.77	-13	PASS
Band4	15	20025	75	#0	QAM16	6946.60	-24.40	-13	PASS
Band4	15	20175	75	#0	QPSK	6918.55	-25.76	-13	PASS
Band4	15	20175	75	#0	QAM16	6923.65	-25.80	-13	PASS
Band4	15	20325	75	#0	QPSK	16317.85	-25.48	-13	PASS
Band4	15	20325	75	#0	QAM16	18266.05	-25.73	-13	PASS
Band4	20	20050	100	#0	QPSK	6135.70	-25.51	-13	PASS
Band4	20	20050	100	#0	QAM16	5844.15	-25.81	-13	PASS
Band4	20	20175	100	#0	QPSK	6966.15	-25.34	-13	PASS
Band4	20	20175	100	#0	QAM16	6143.35	-25.43	-13	PASS
Band4	20	20300	100	#0	QPSK	20413.15	-24.90	-13	PASS
Band4	20	20300	100	#0	QAM16	6913.45	-25.17	-13	PASS

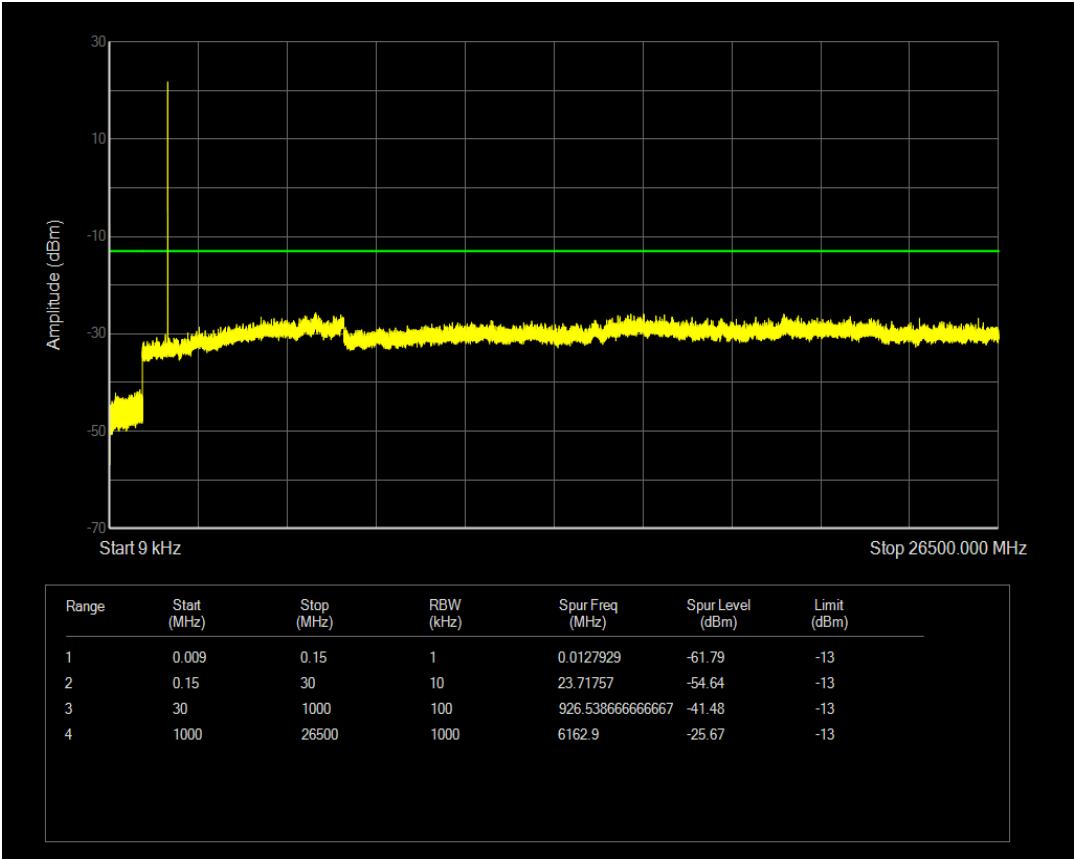
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



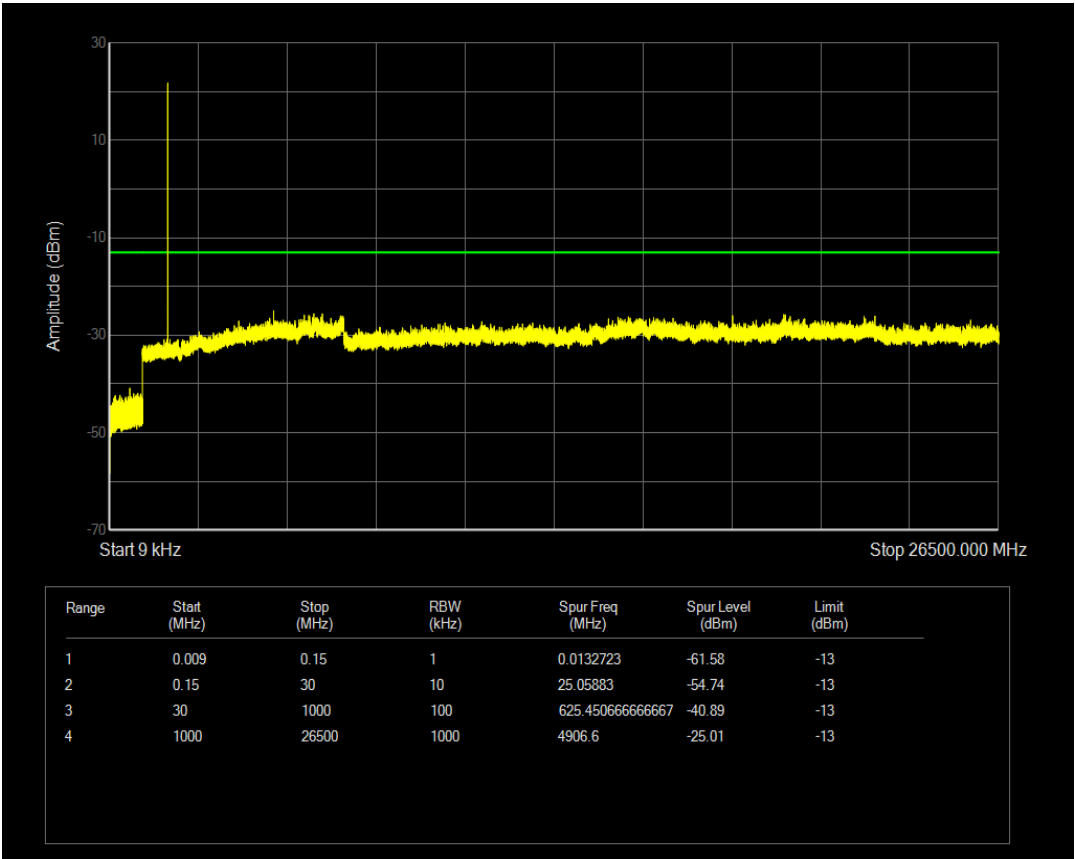
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



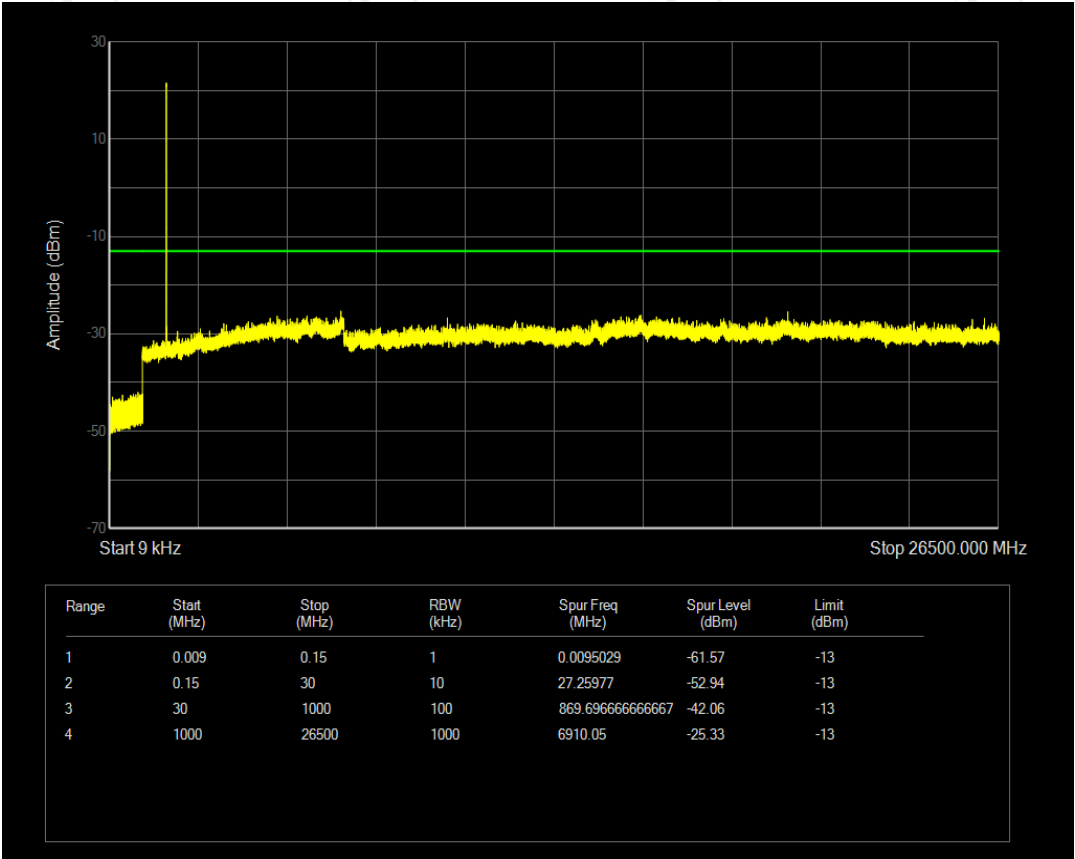
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



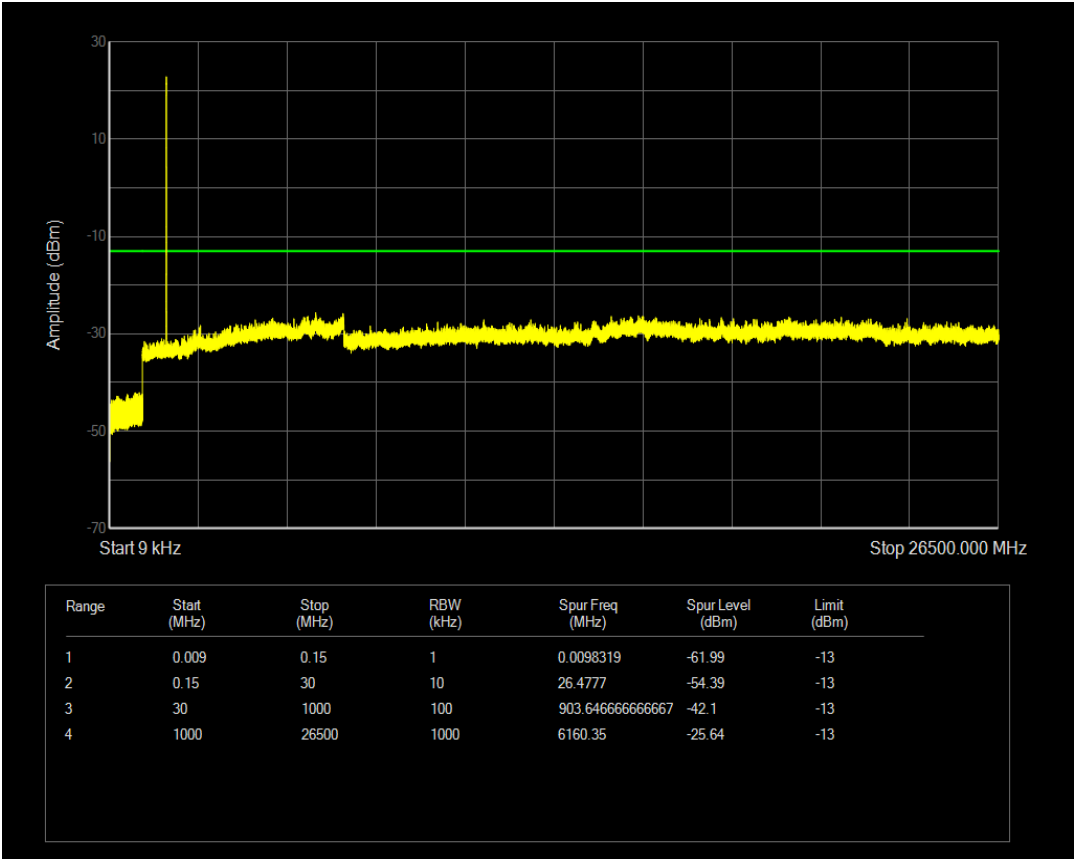
Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



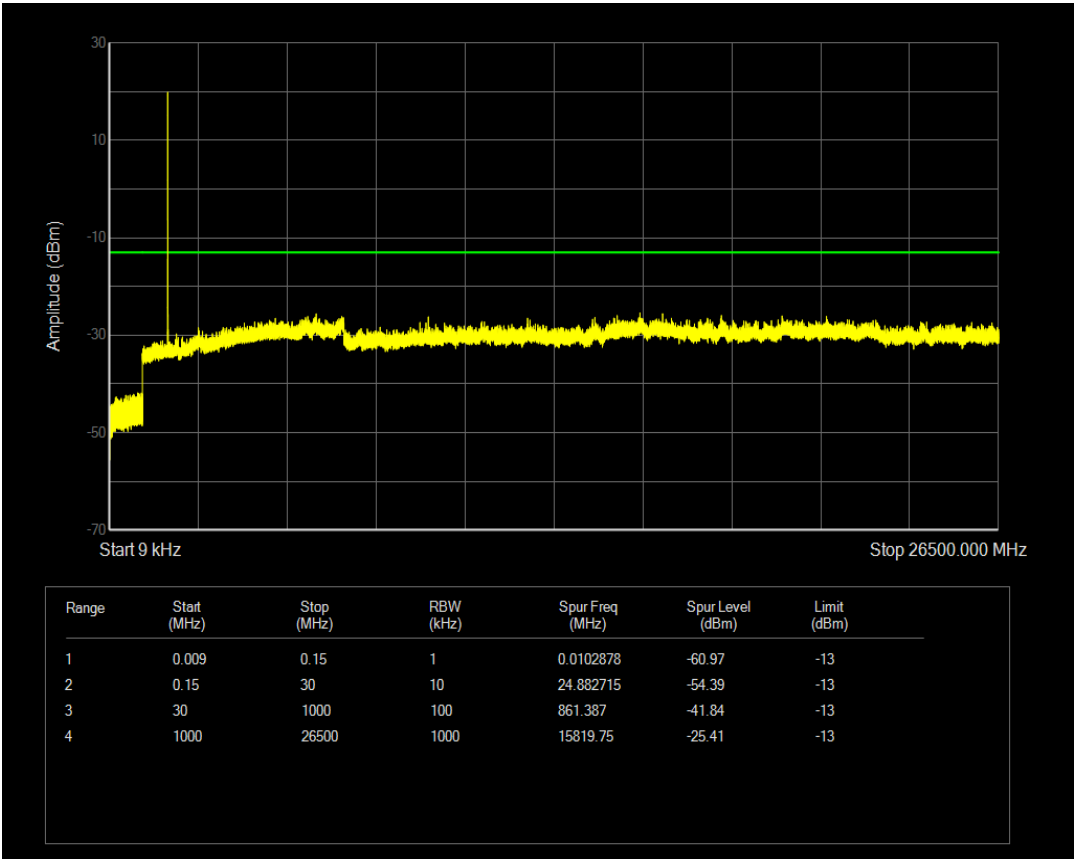
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



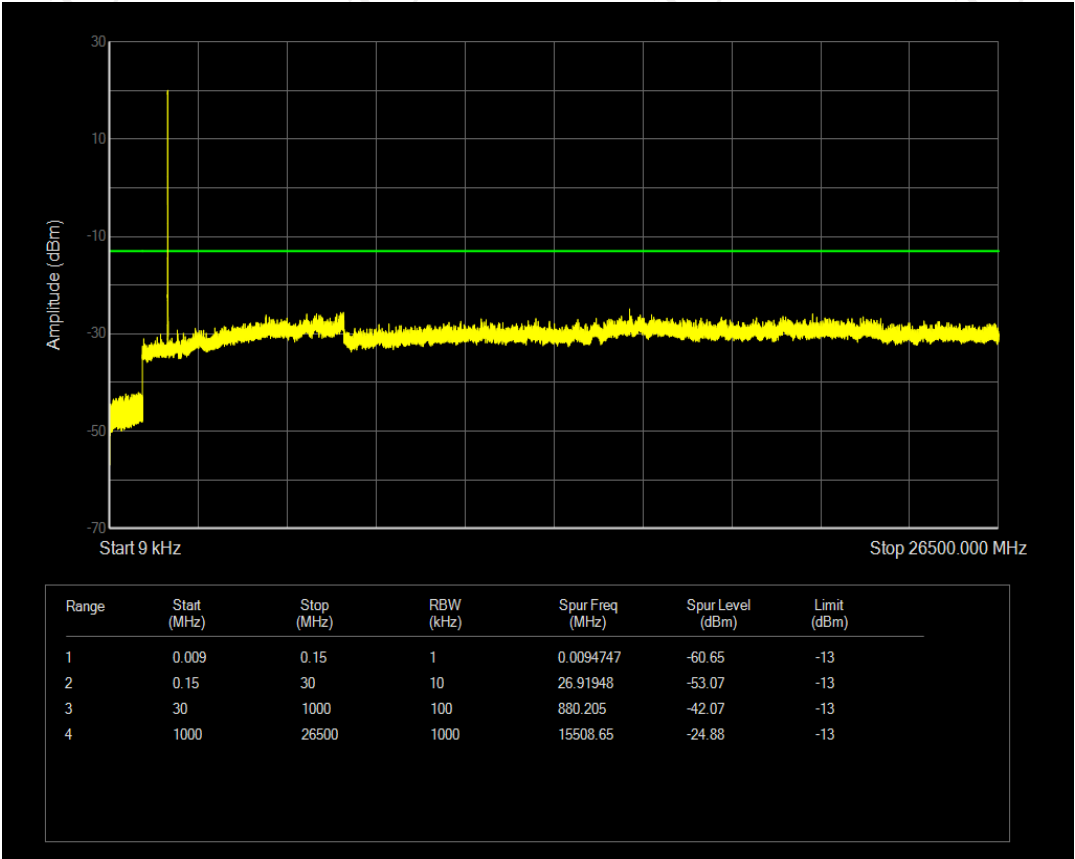
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



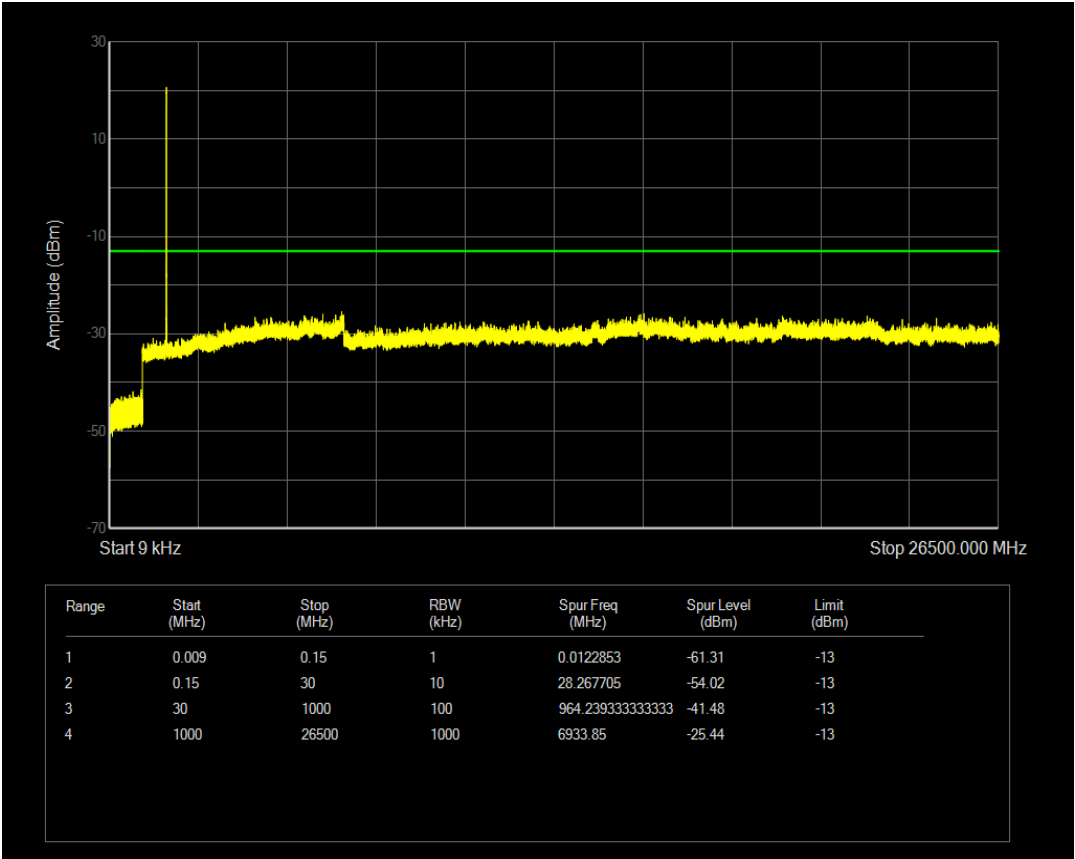
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



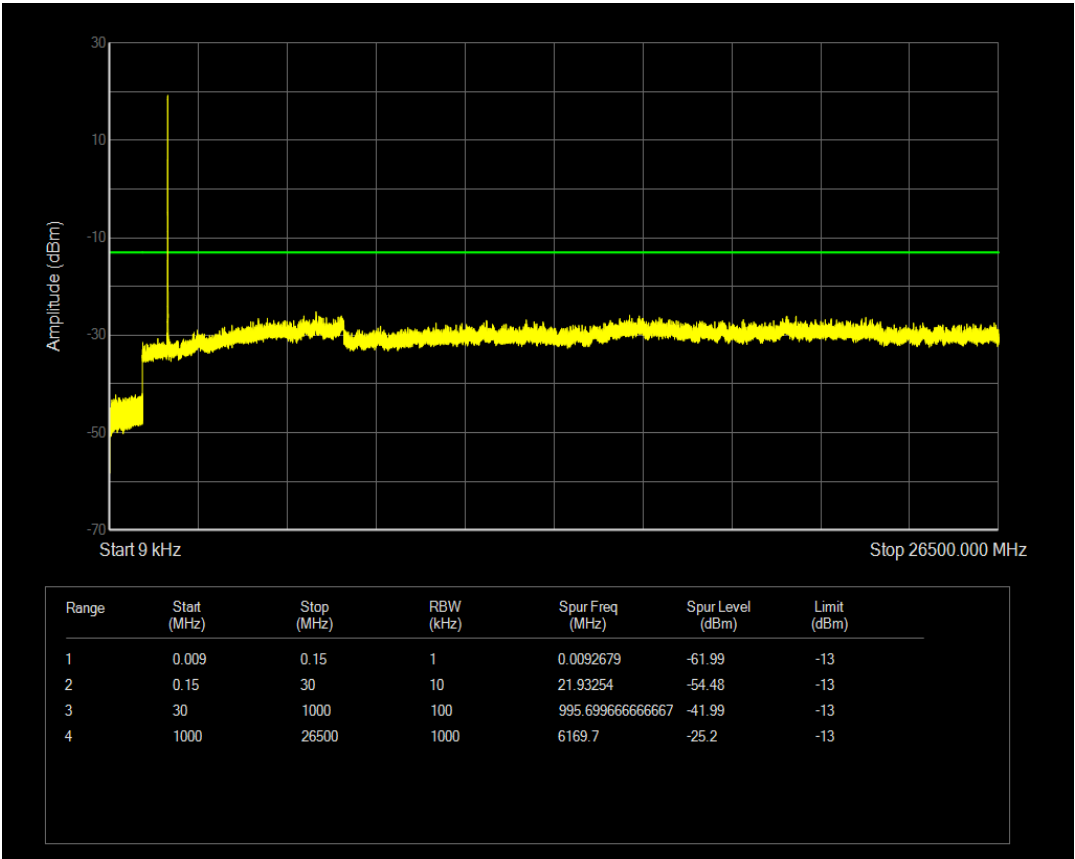
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



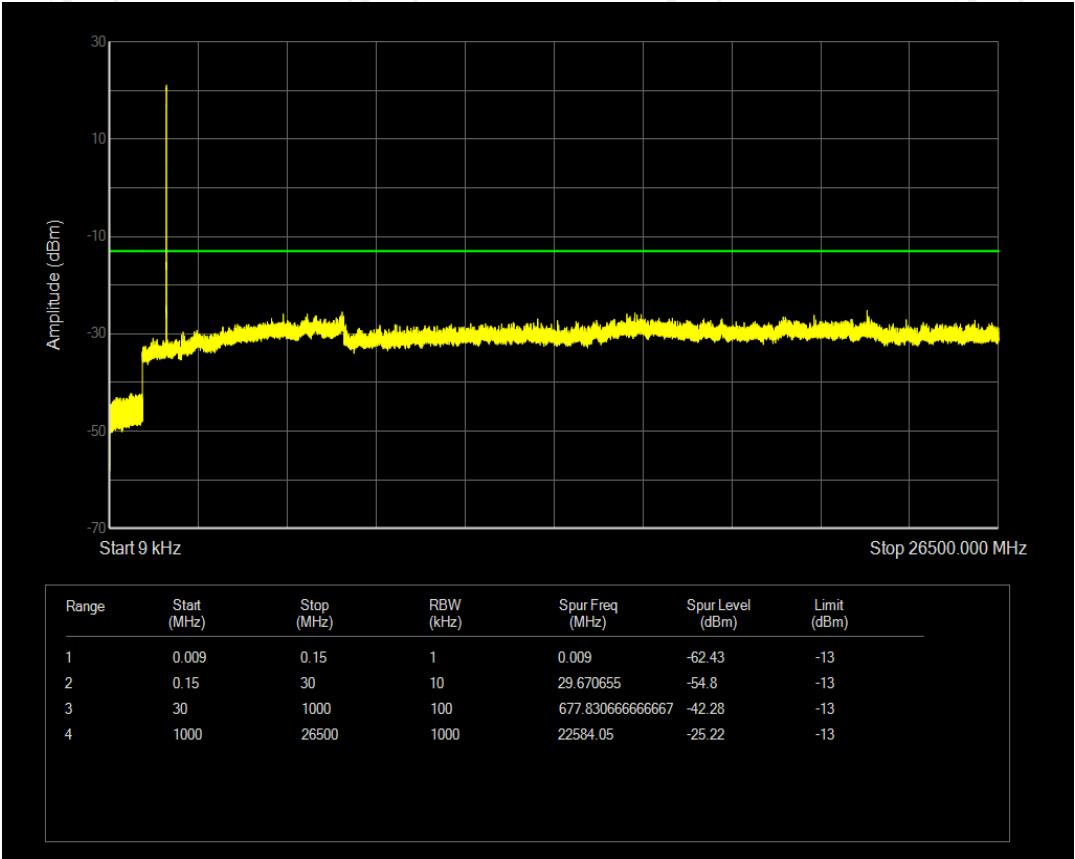
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



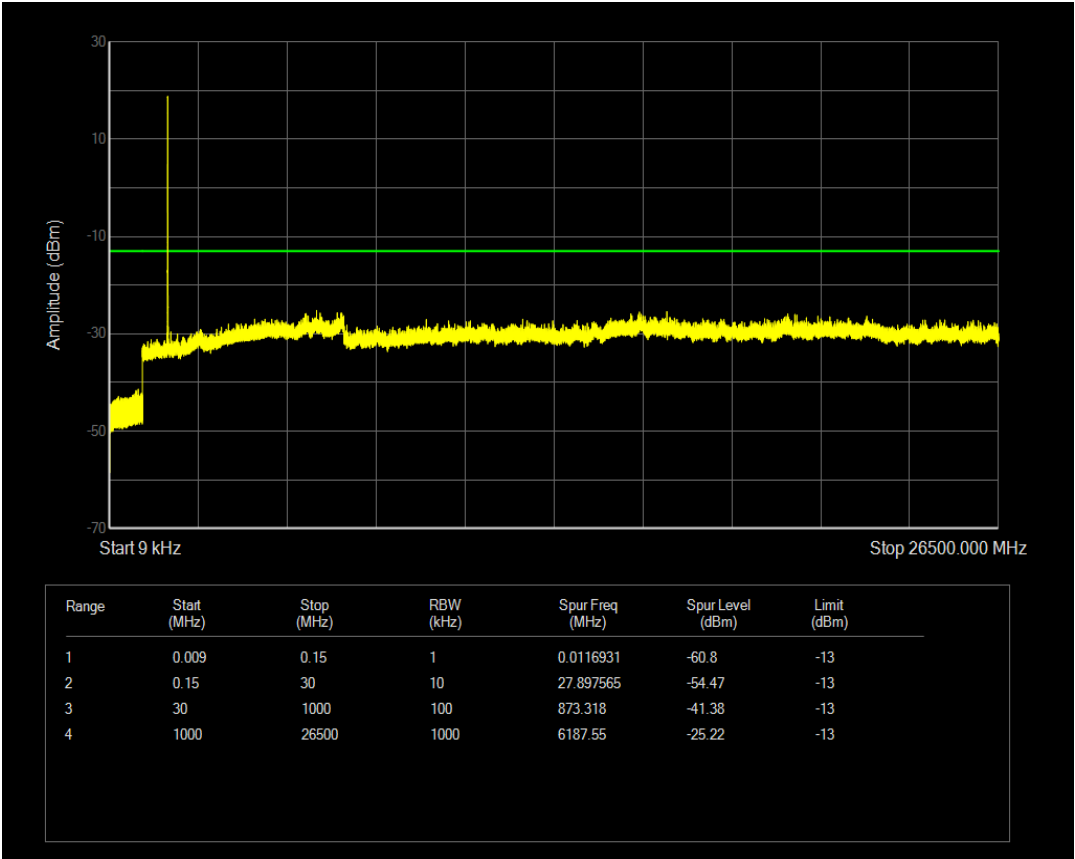
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



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



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



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