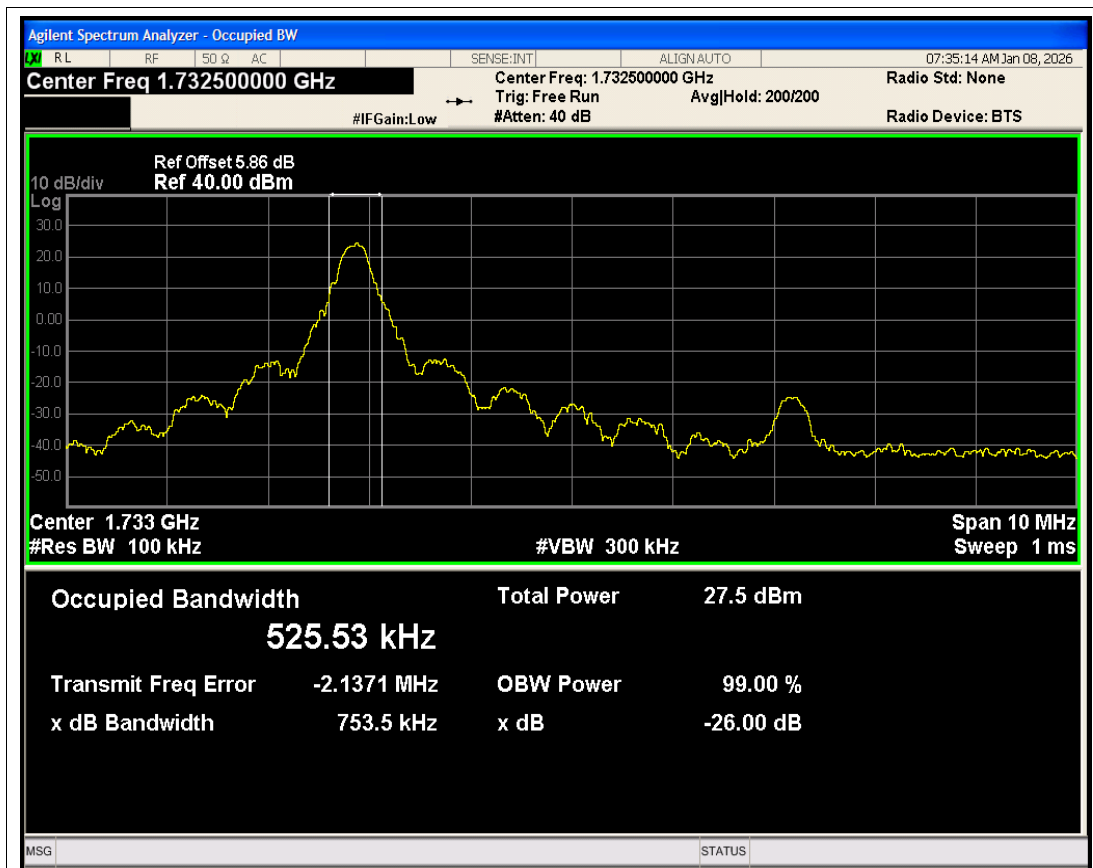
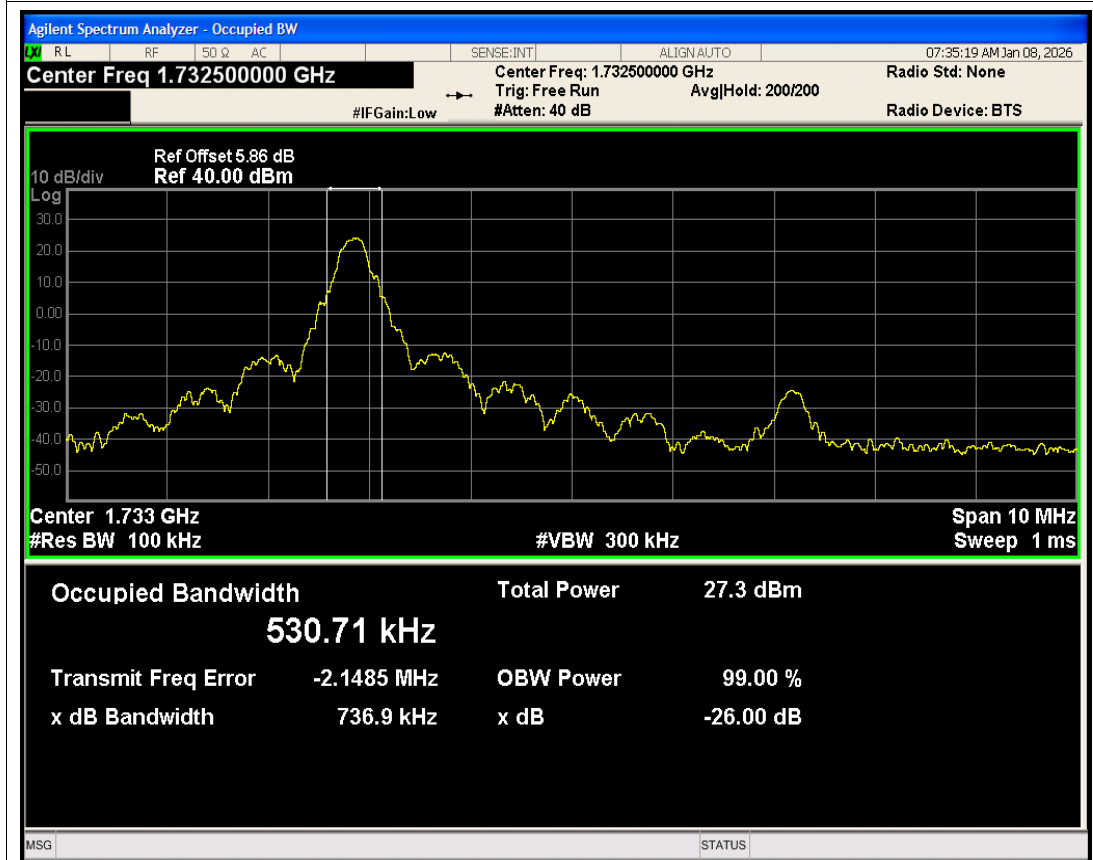
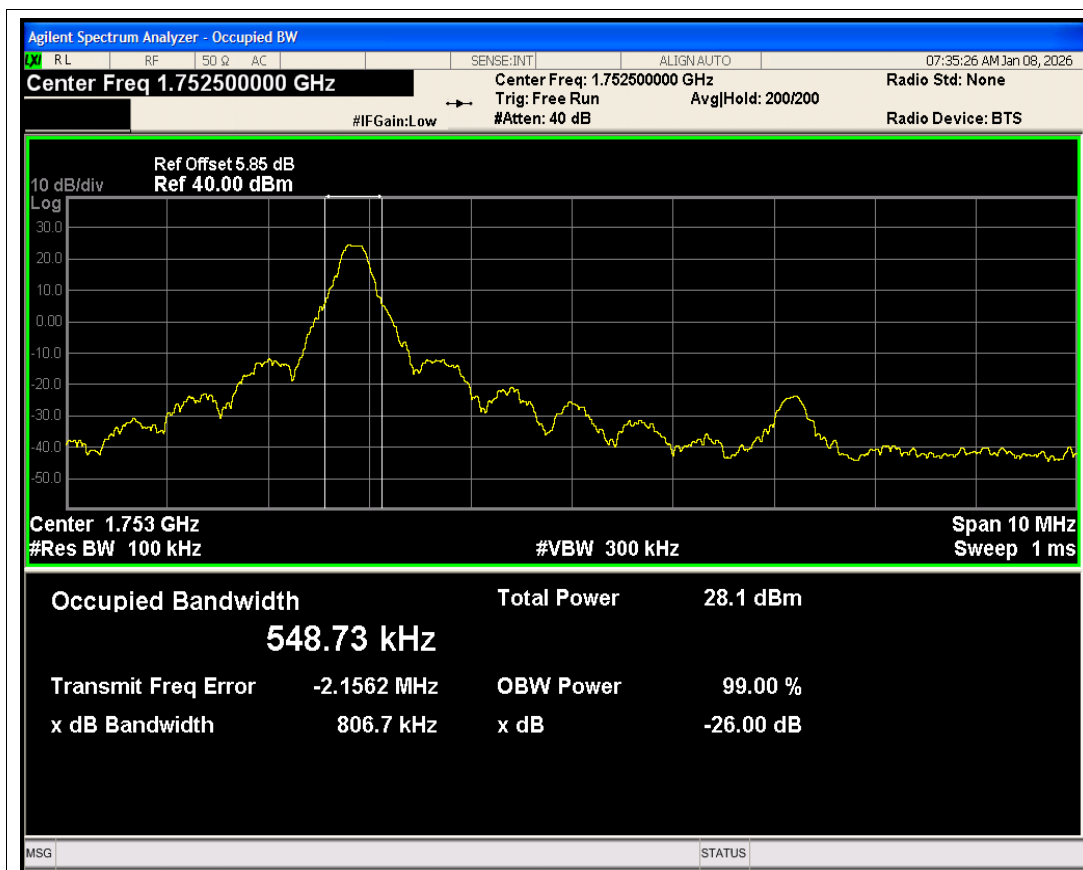




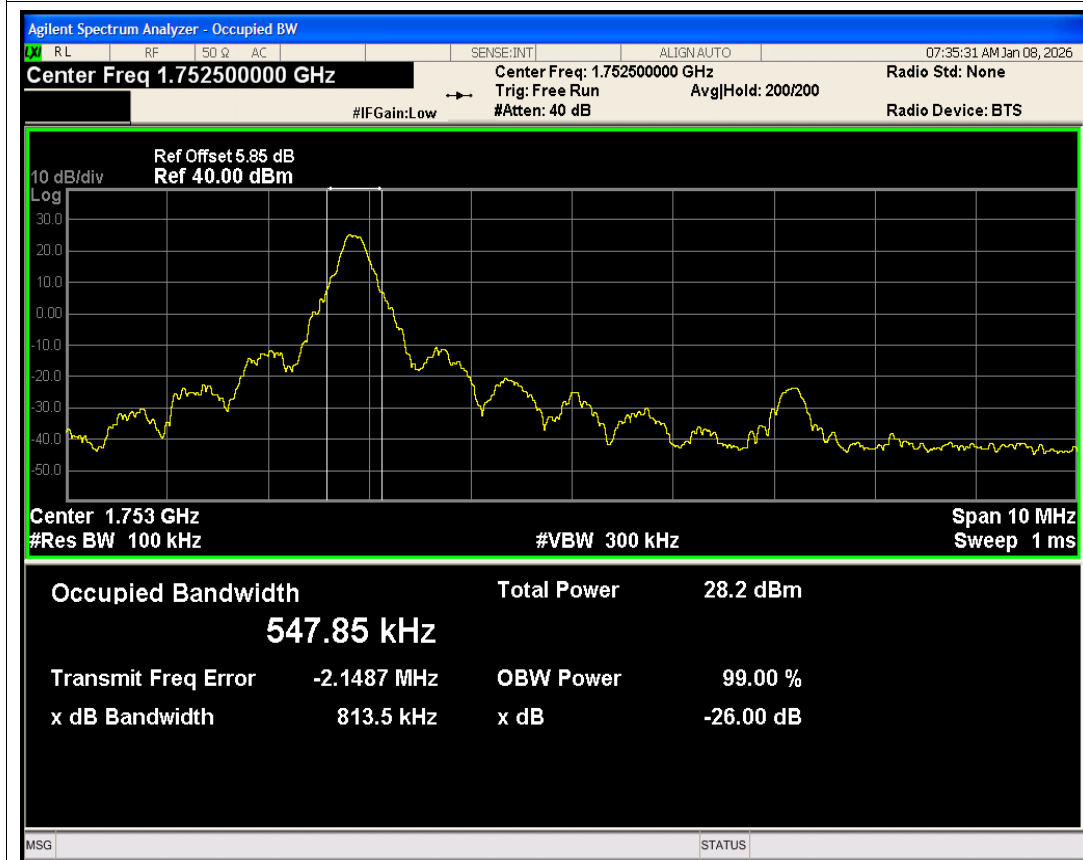
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



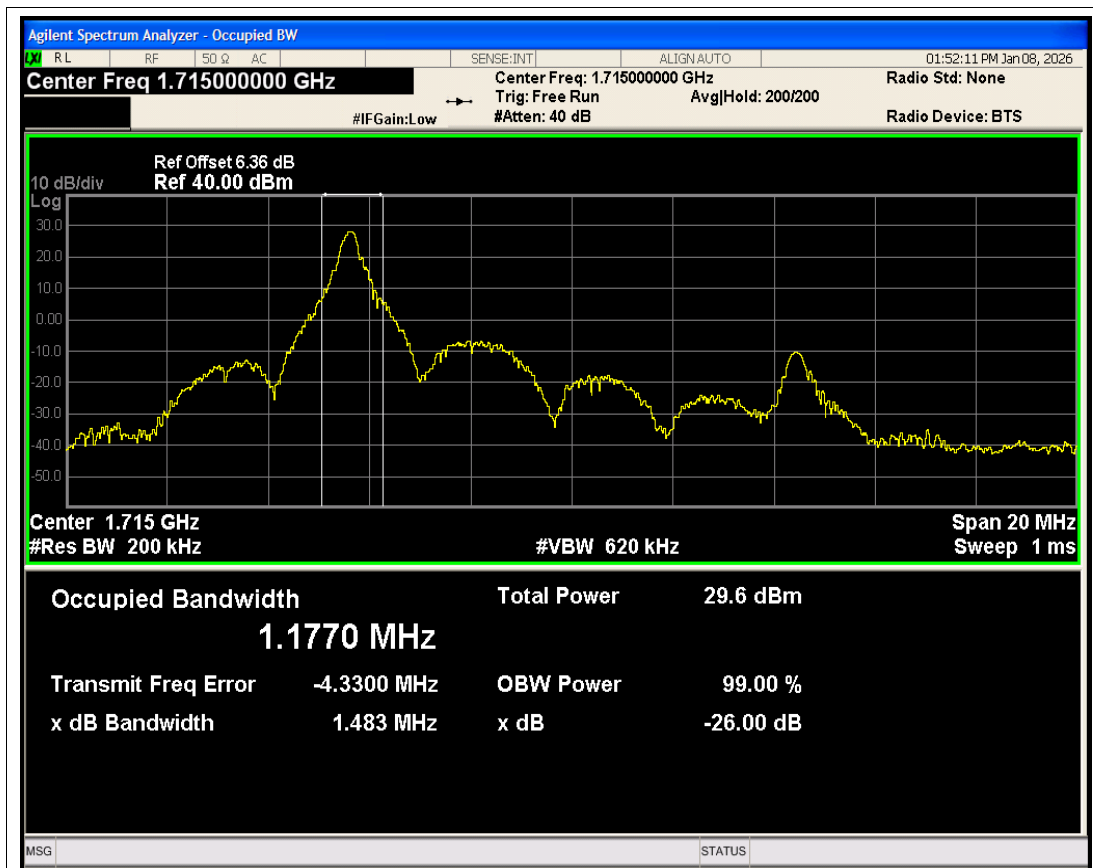
Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0



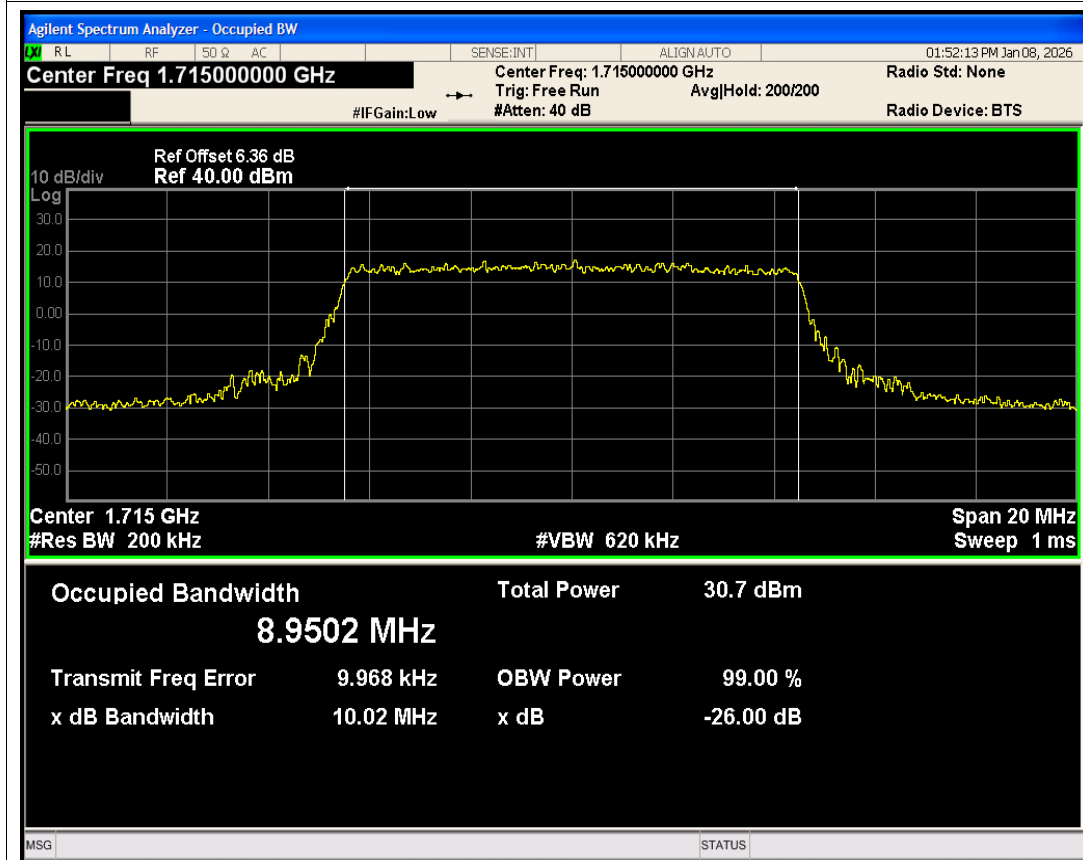
Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0



Band4 16QAM BW=5MHz Channel=20375 RB Size=1 Position=#0



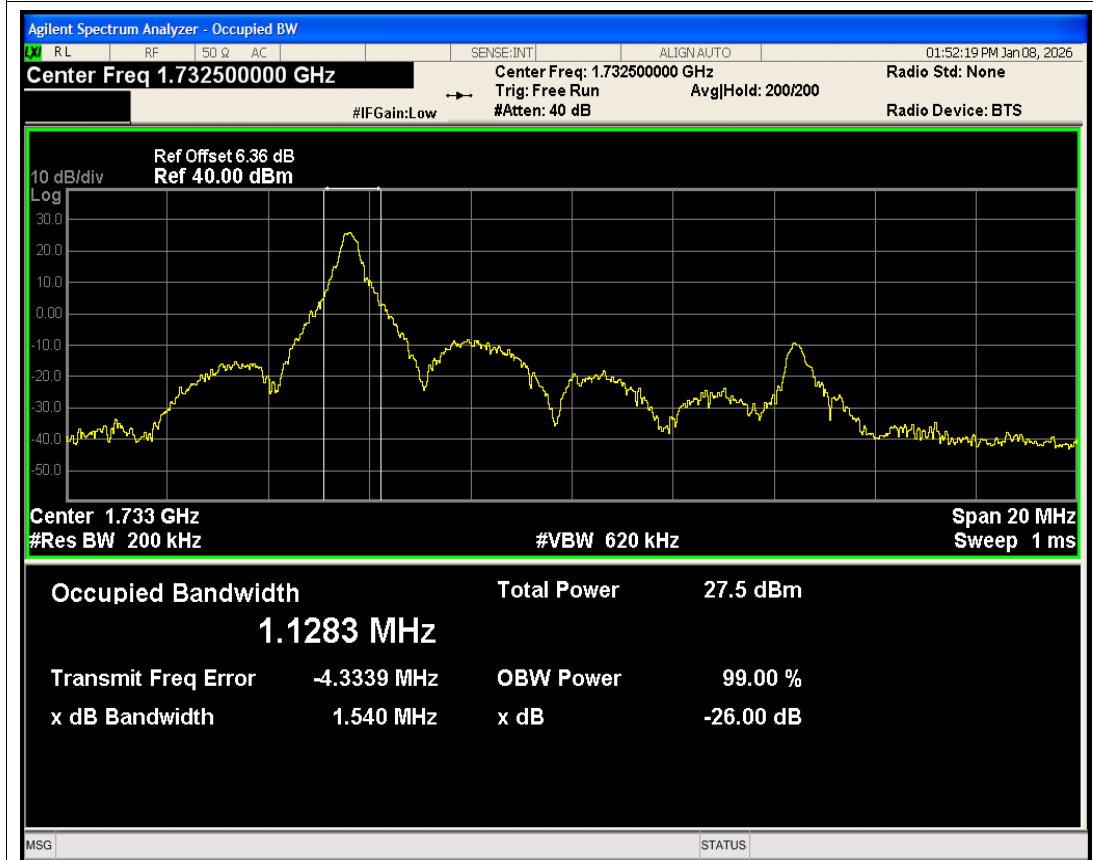
Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0



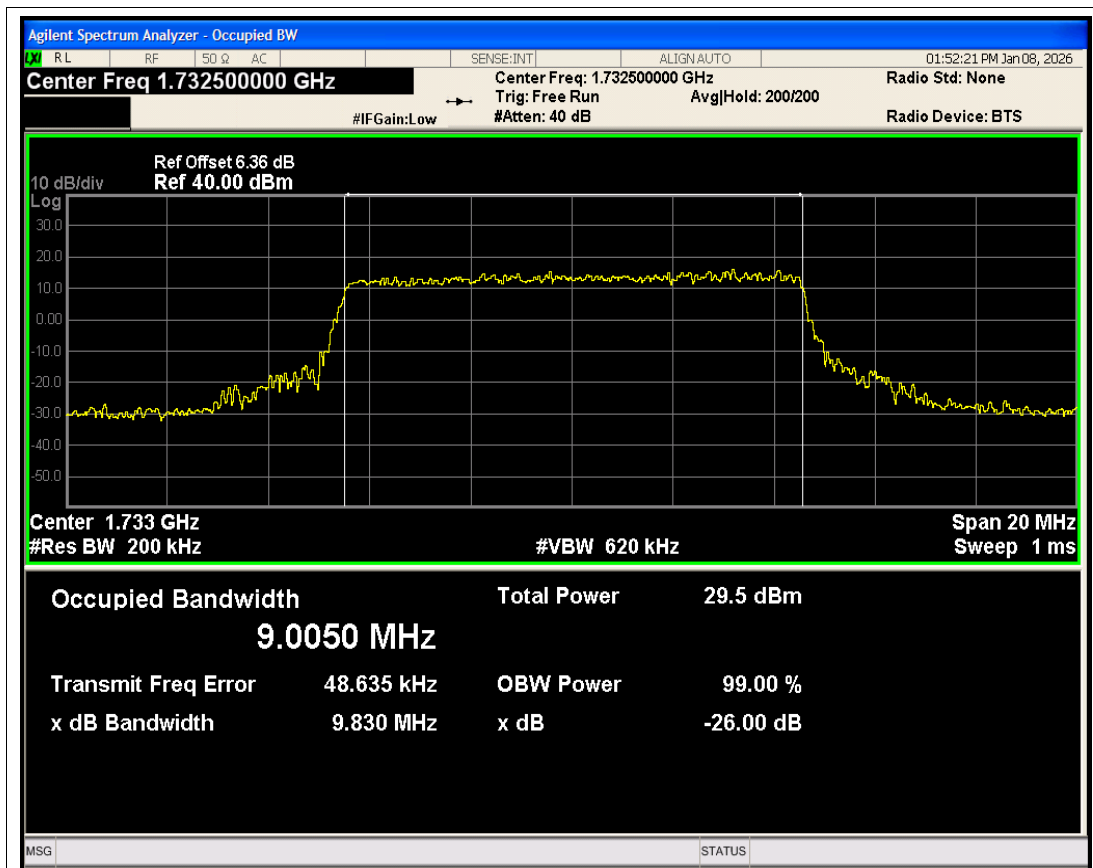
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



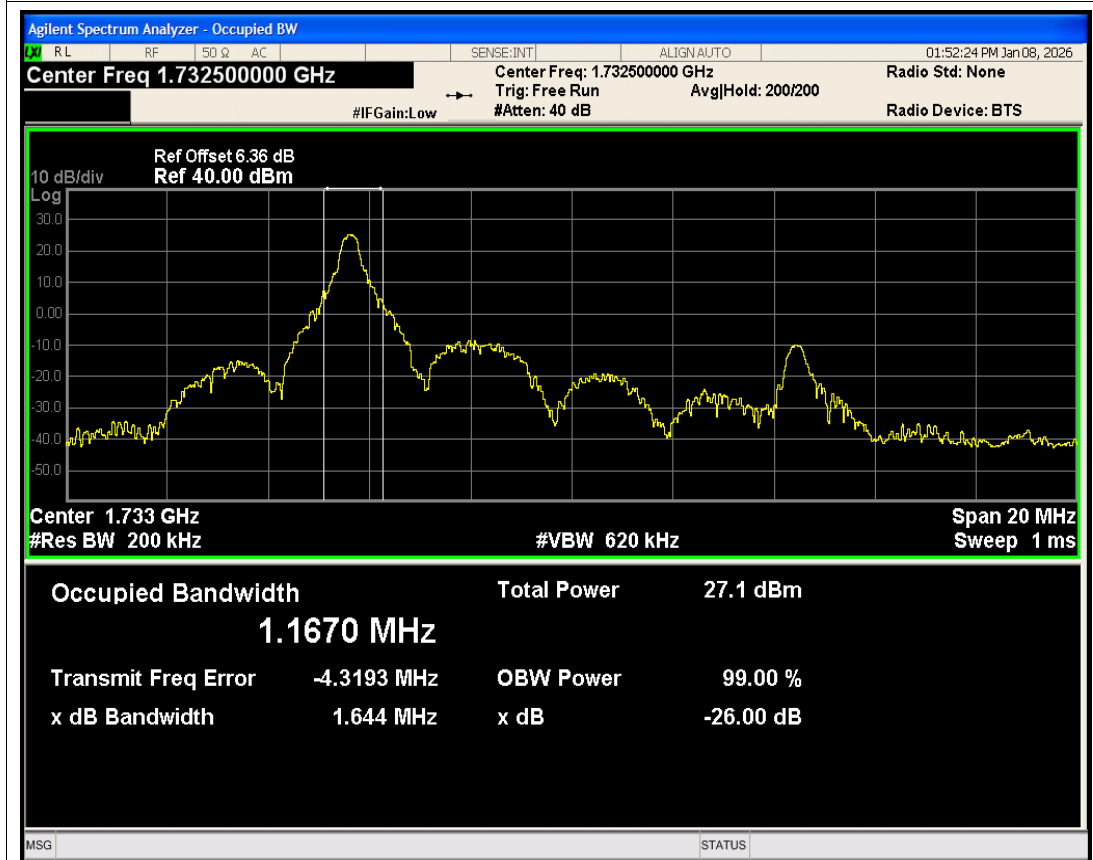
Band4 16QAM BW=10MHz Channel=20000 RB Size=1 Position=#0



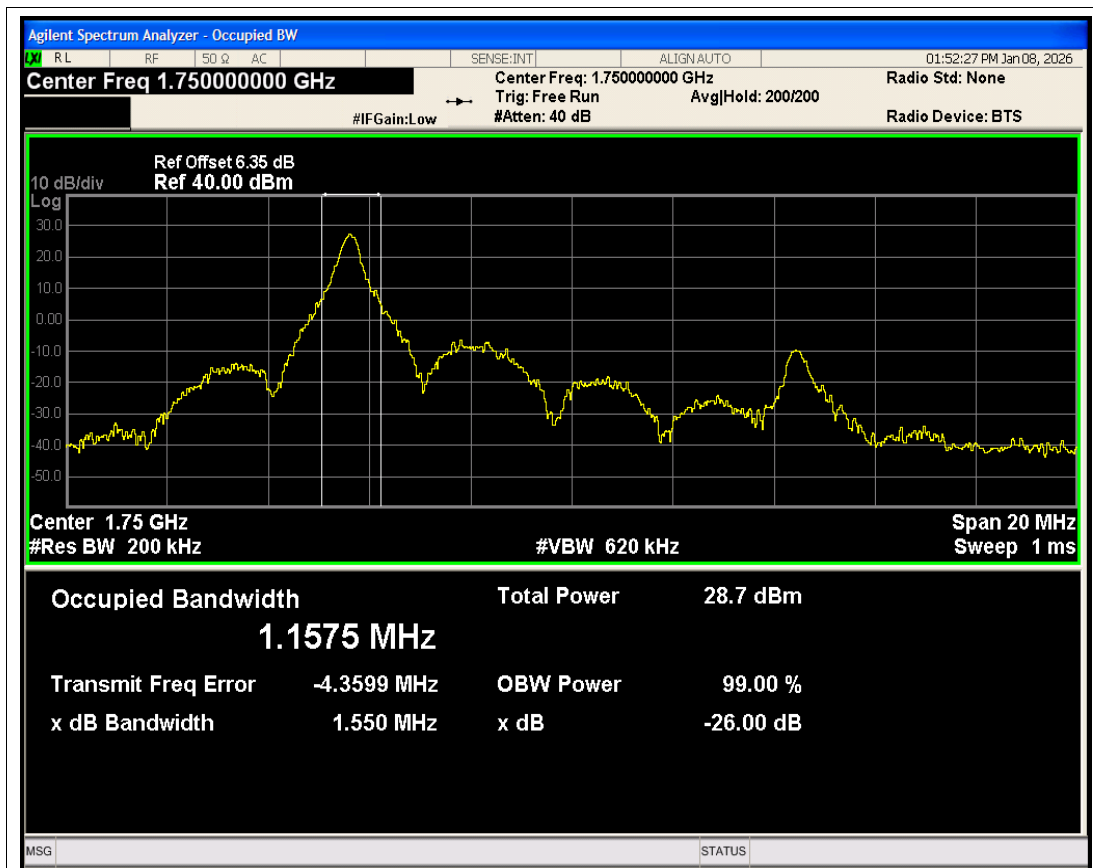
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



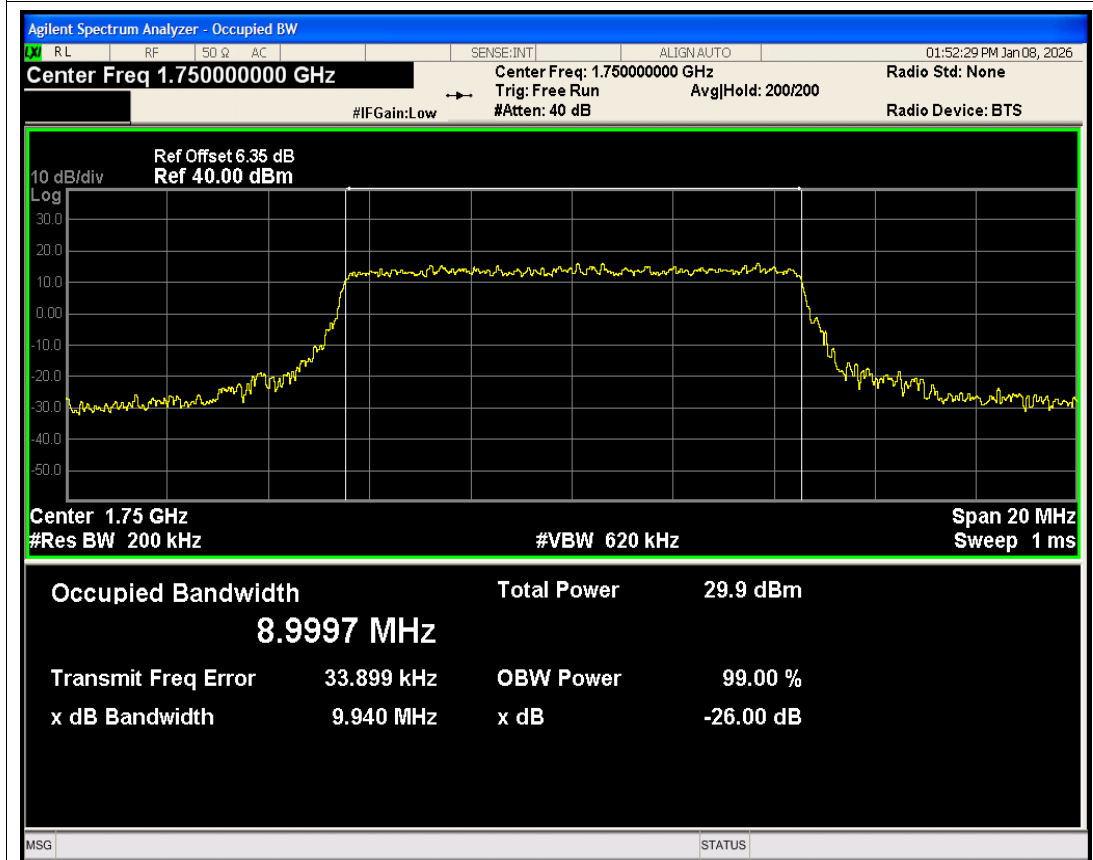
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0



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



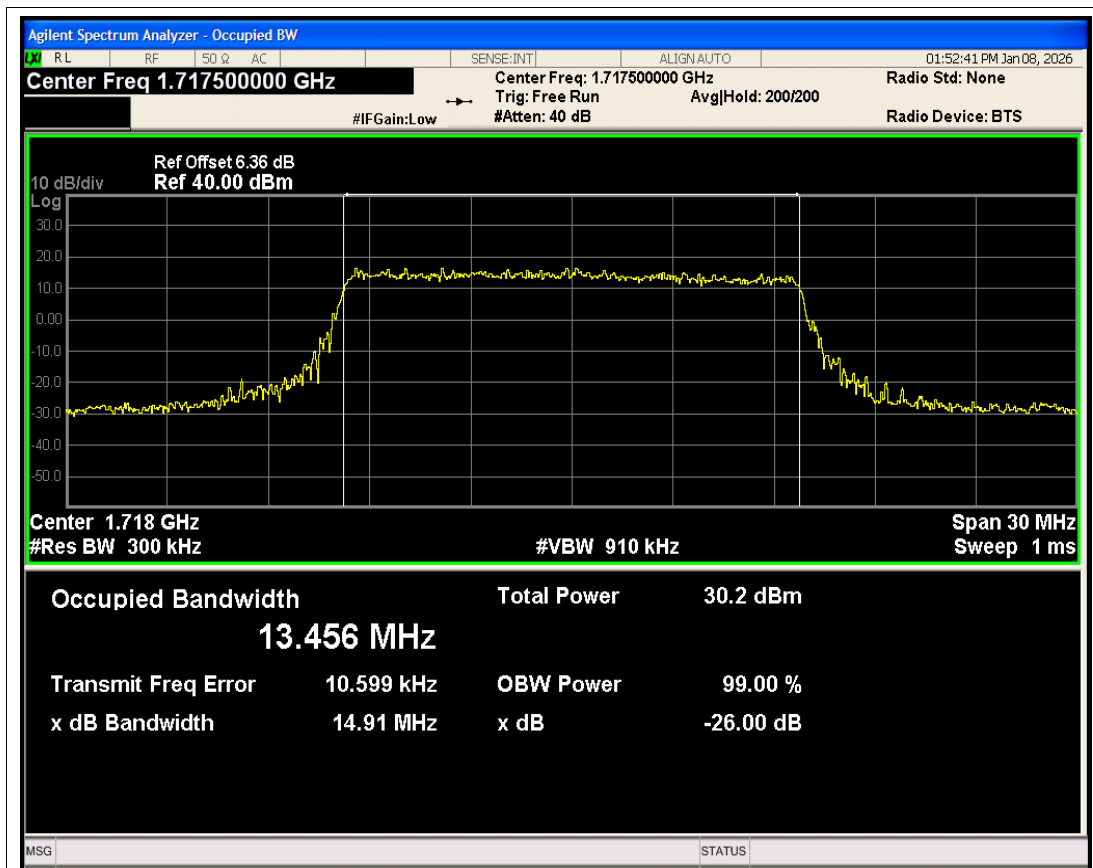
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



Band4 16QAM BW=10MHz Channel=20350 RB Size=1 Position=#0



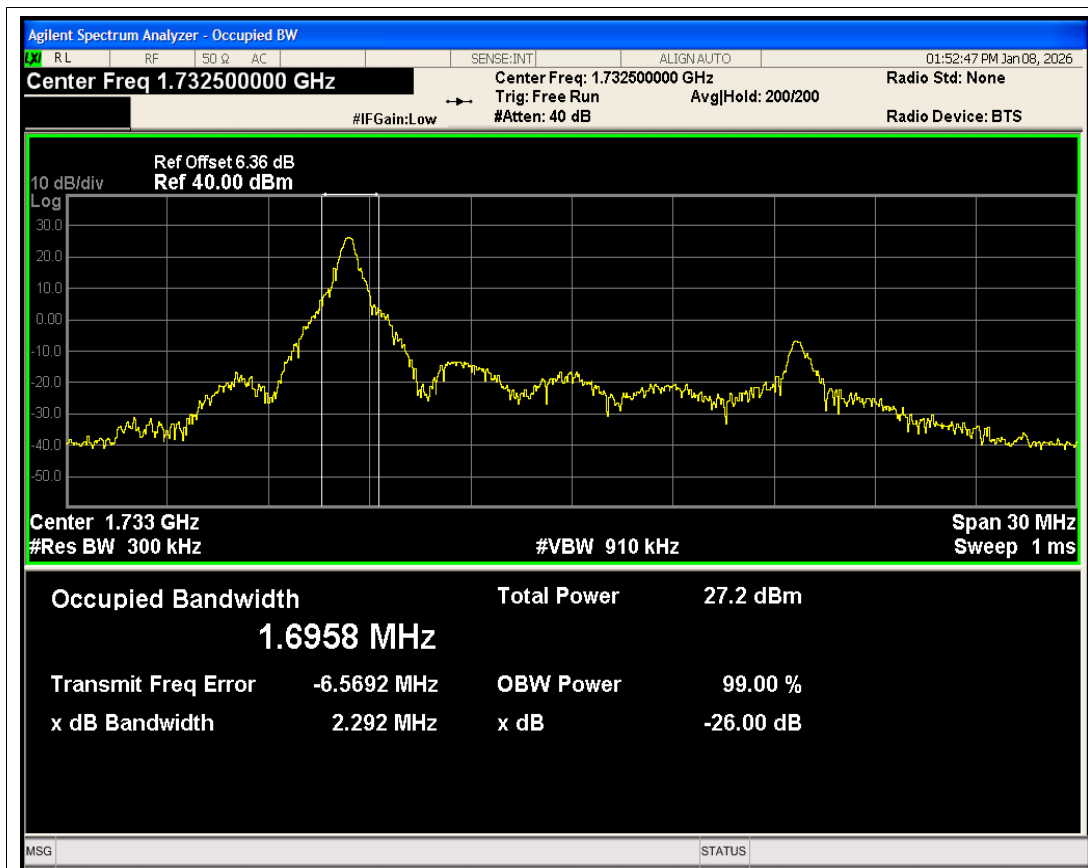
Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0



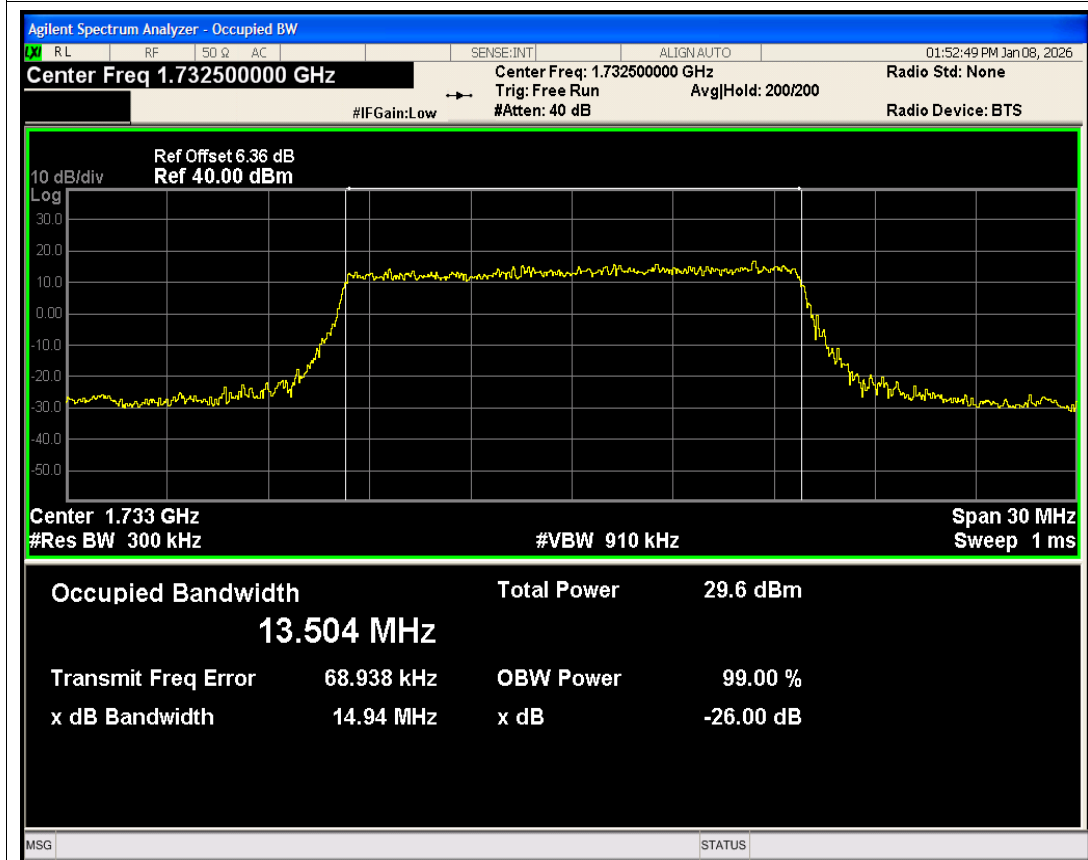
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



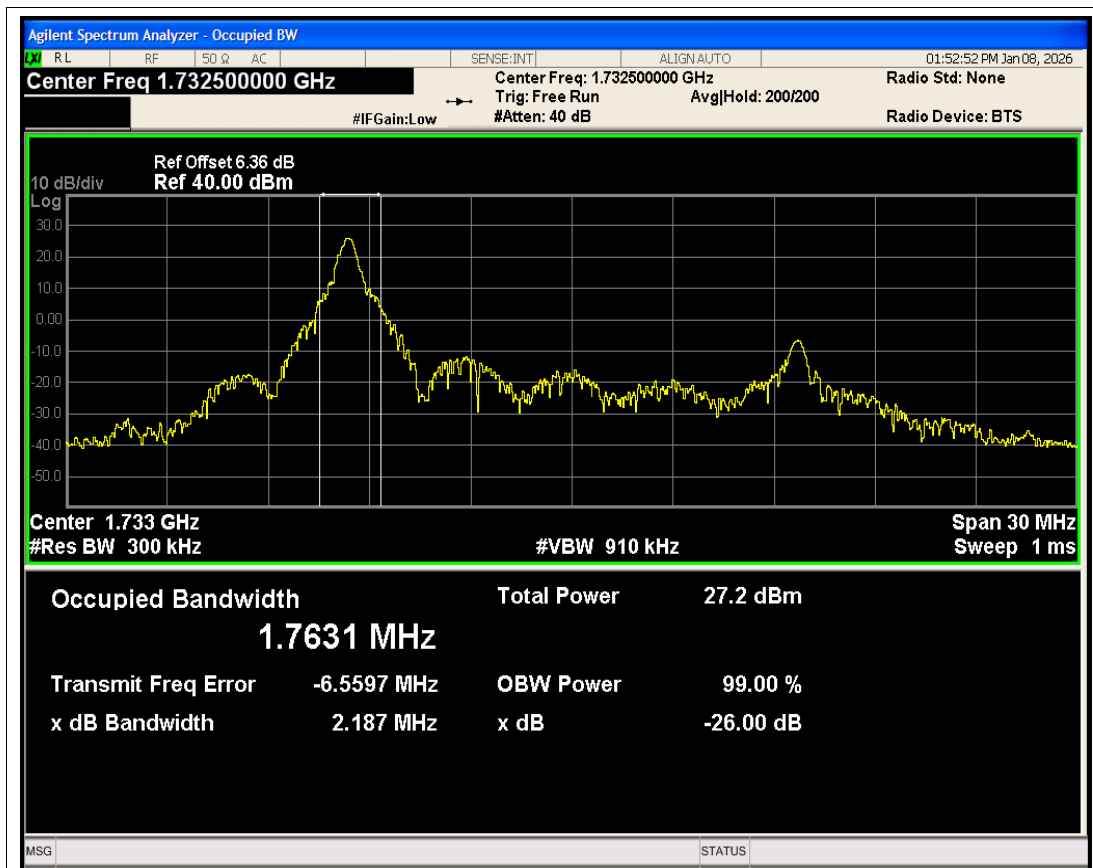
Band4 16QAM BW=15MHz Channel=20025 RB Size=1 Position=#0



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



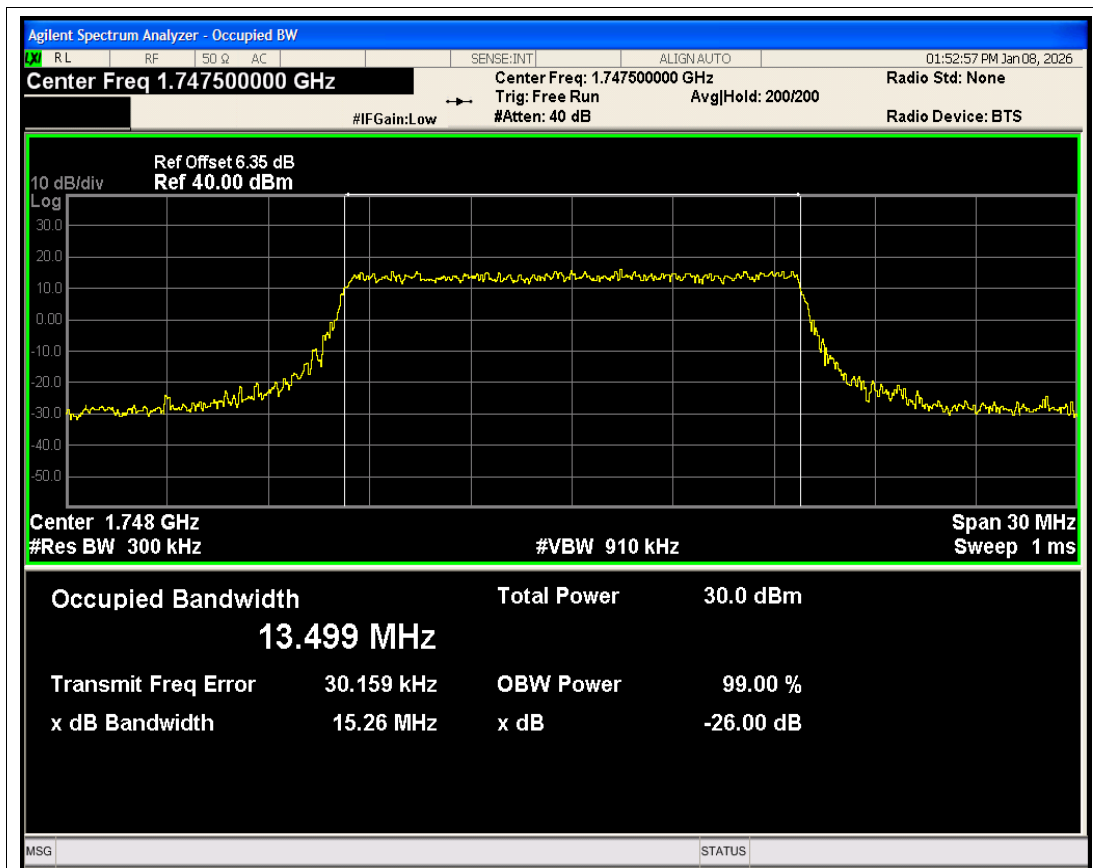
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



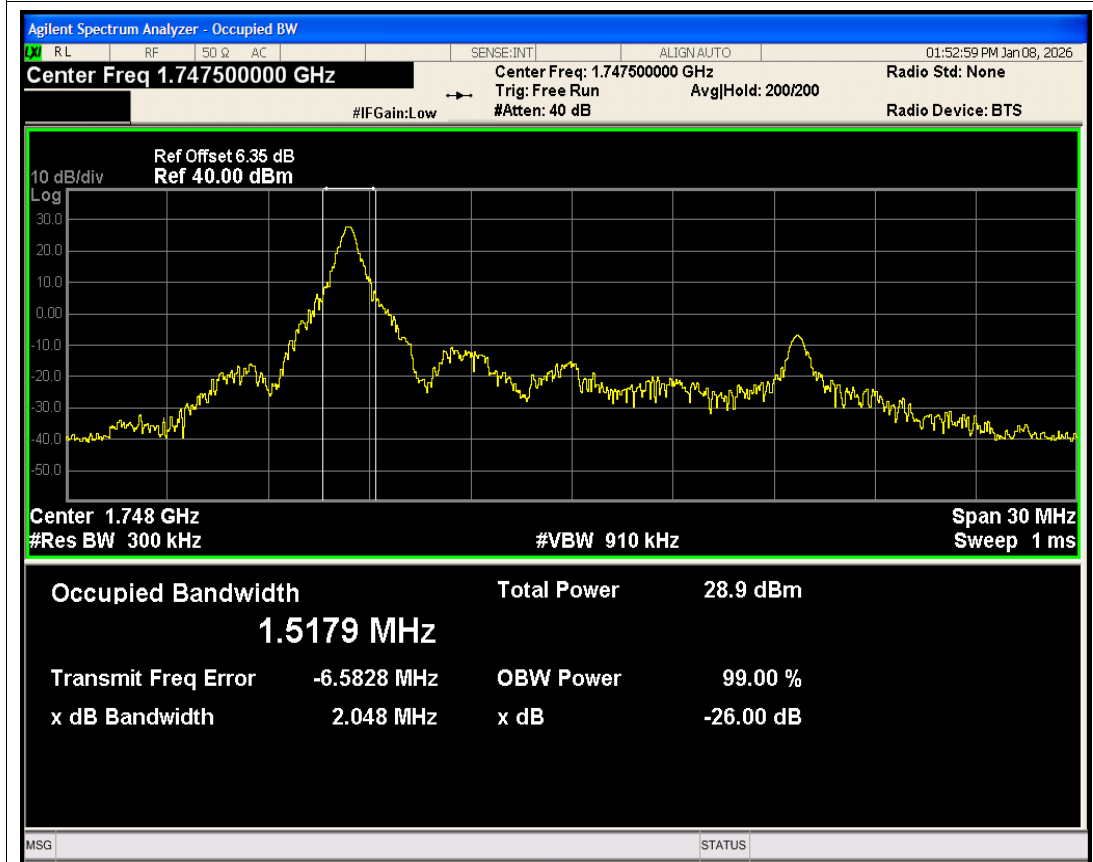
Band4 16QAM BW=15MHz Channel=20175 RB Size=1 Position=#0



Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0



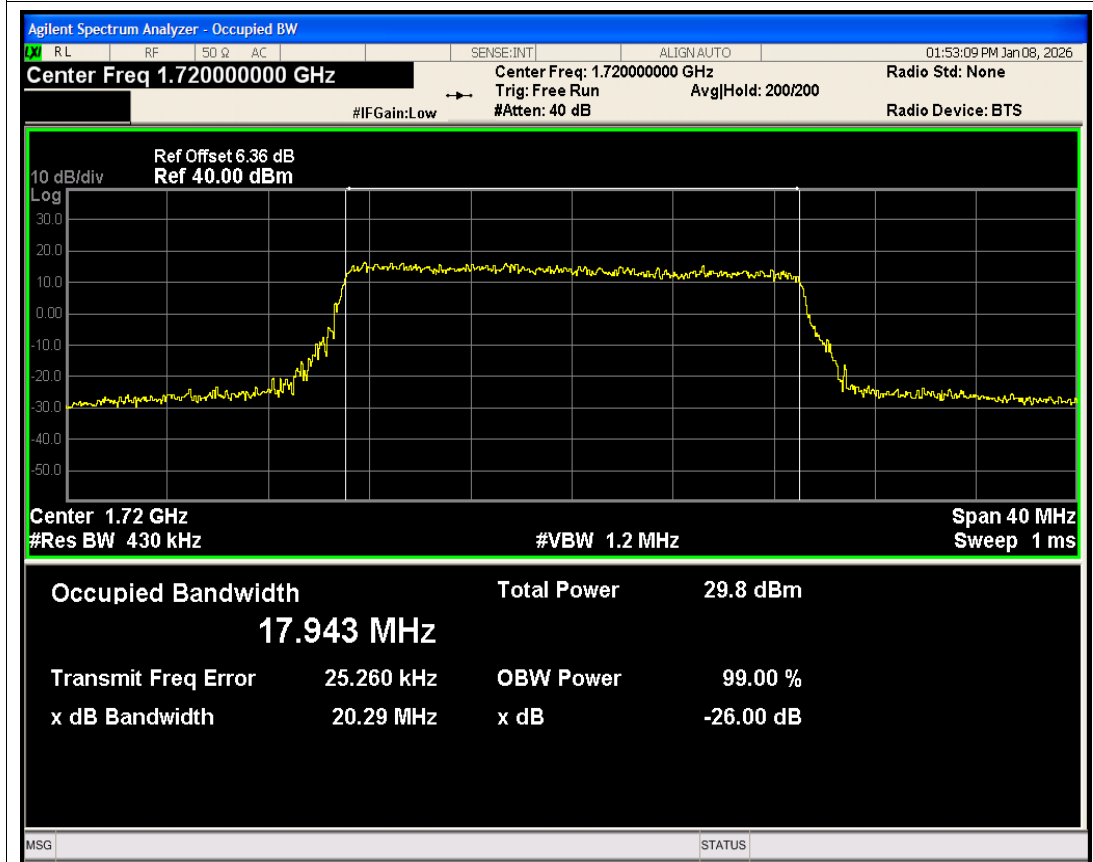
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#0



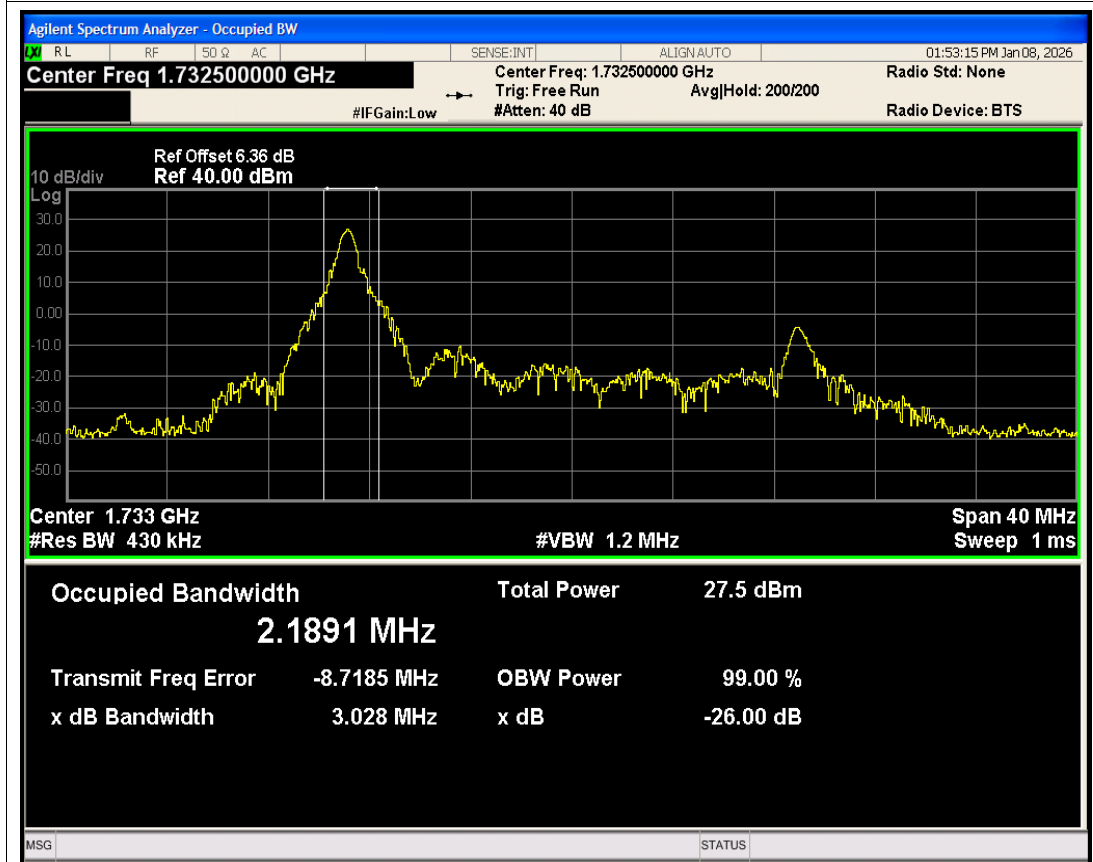
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



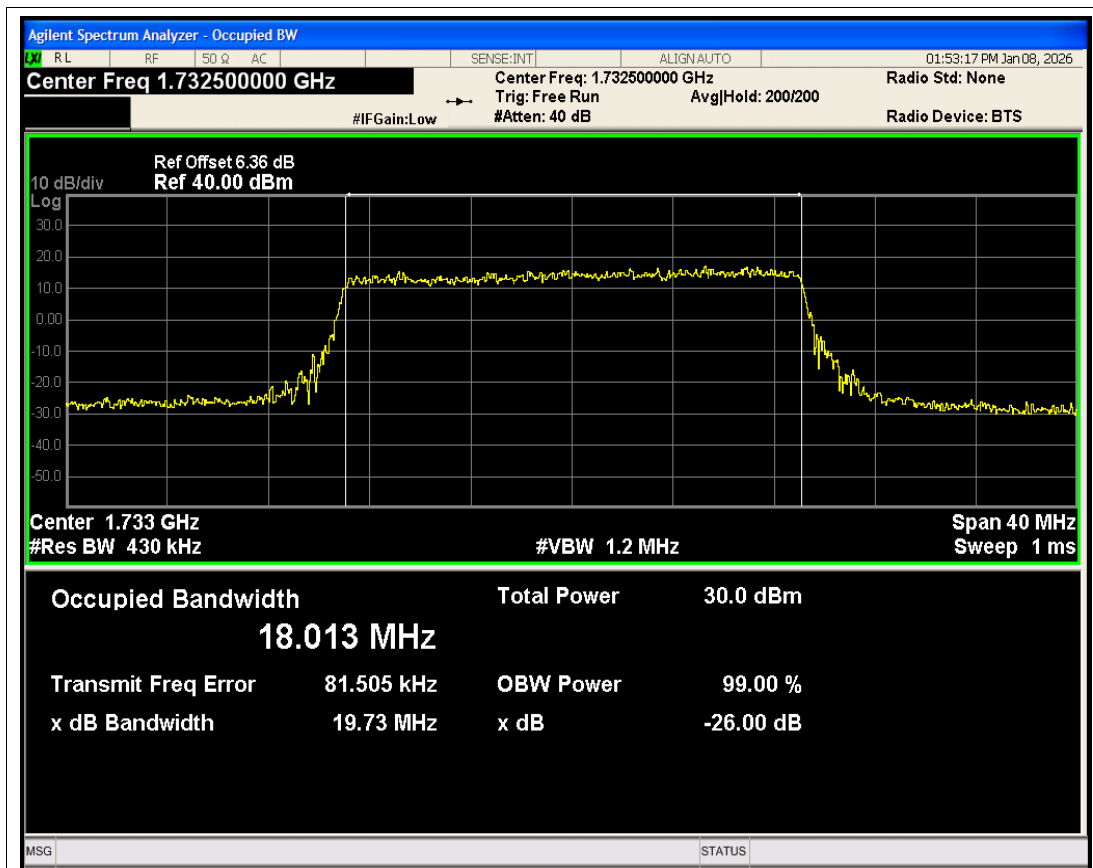
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



Band4 16QAM BW=20MHz Channel=20050 RB Size=1 Position=#0



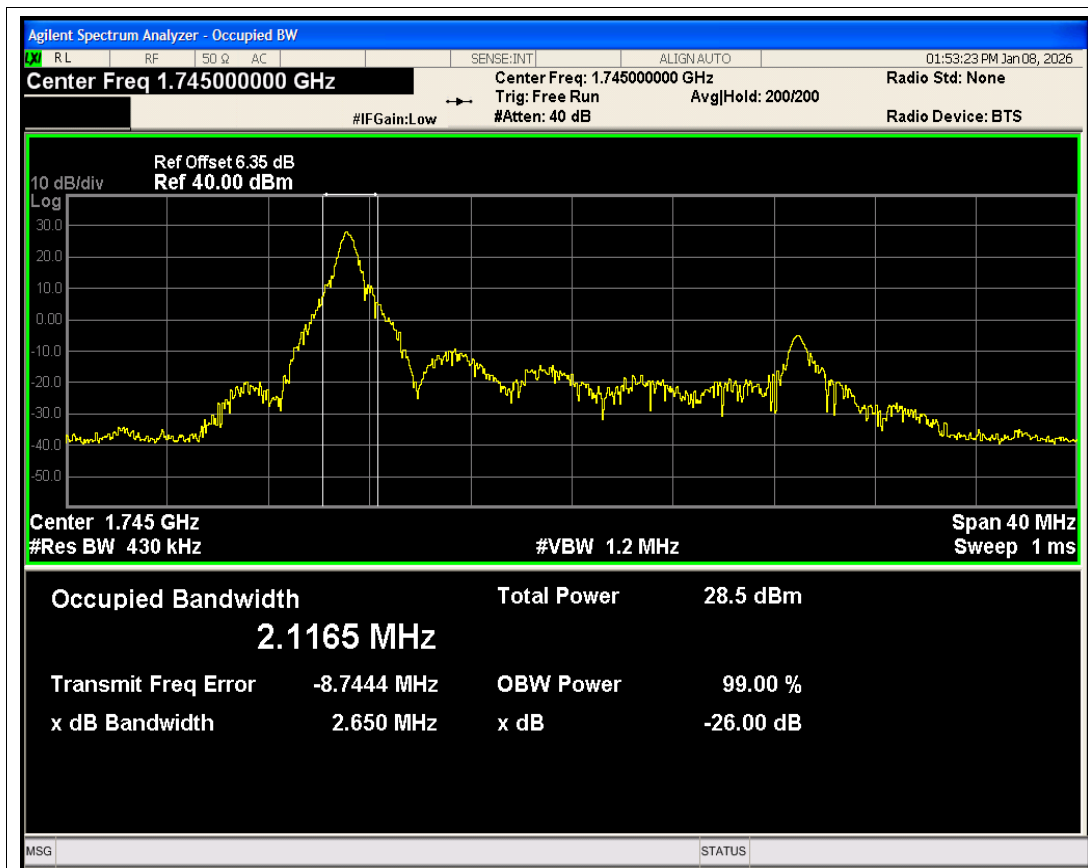
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



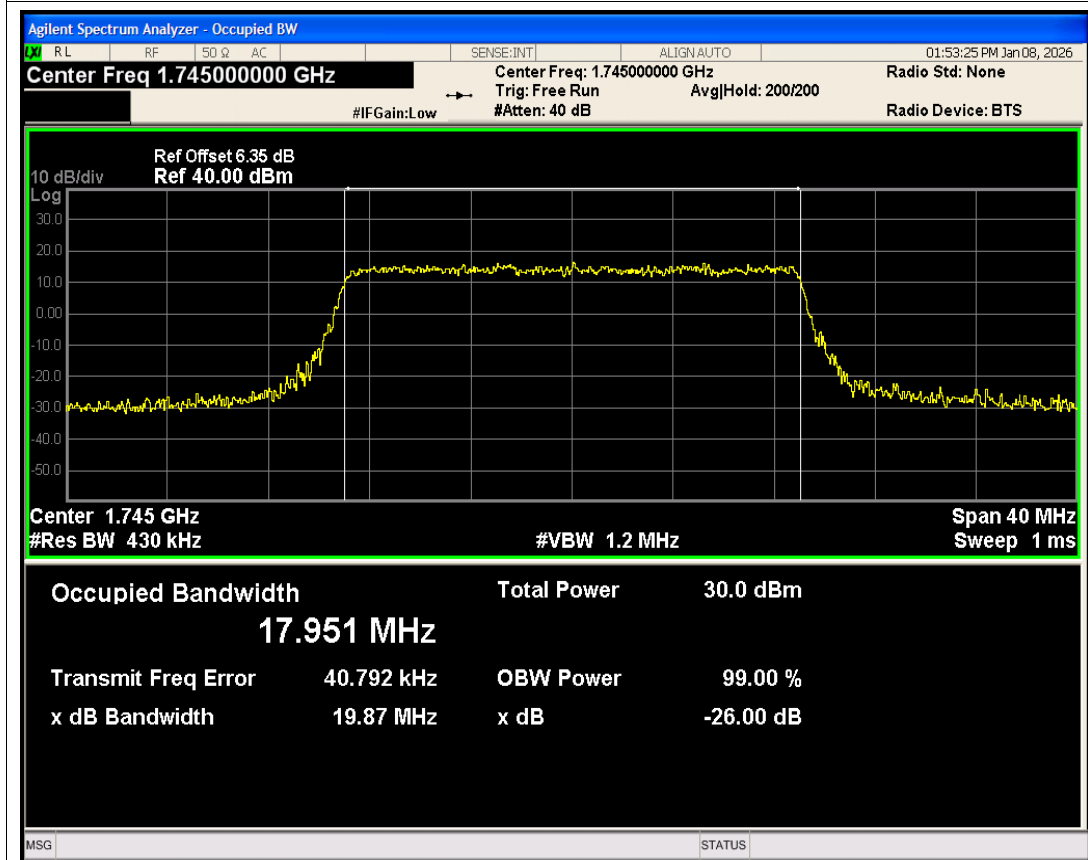
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



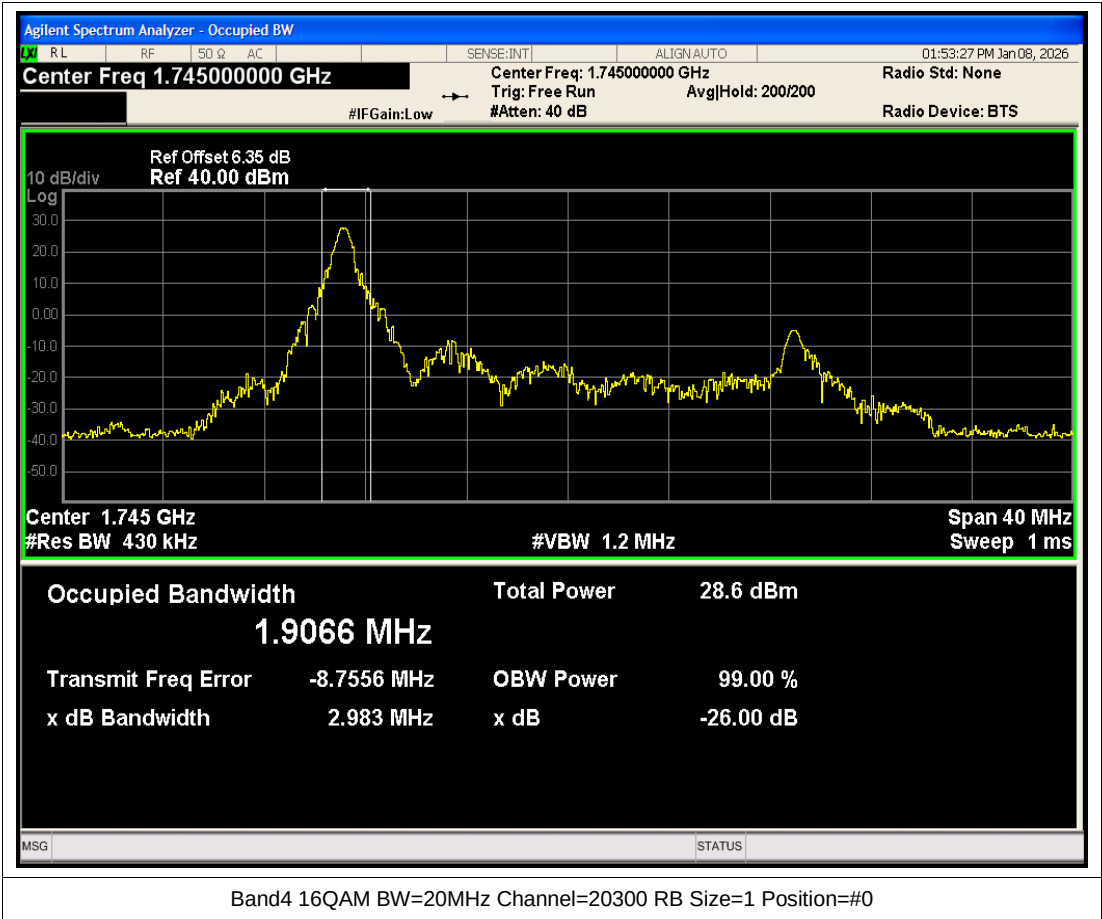
Band4 16QAM BW=20MHz Channel=20175 RB Size=1 Position=#0



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

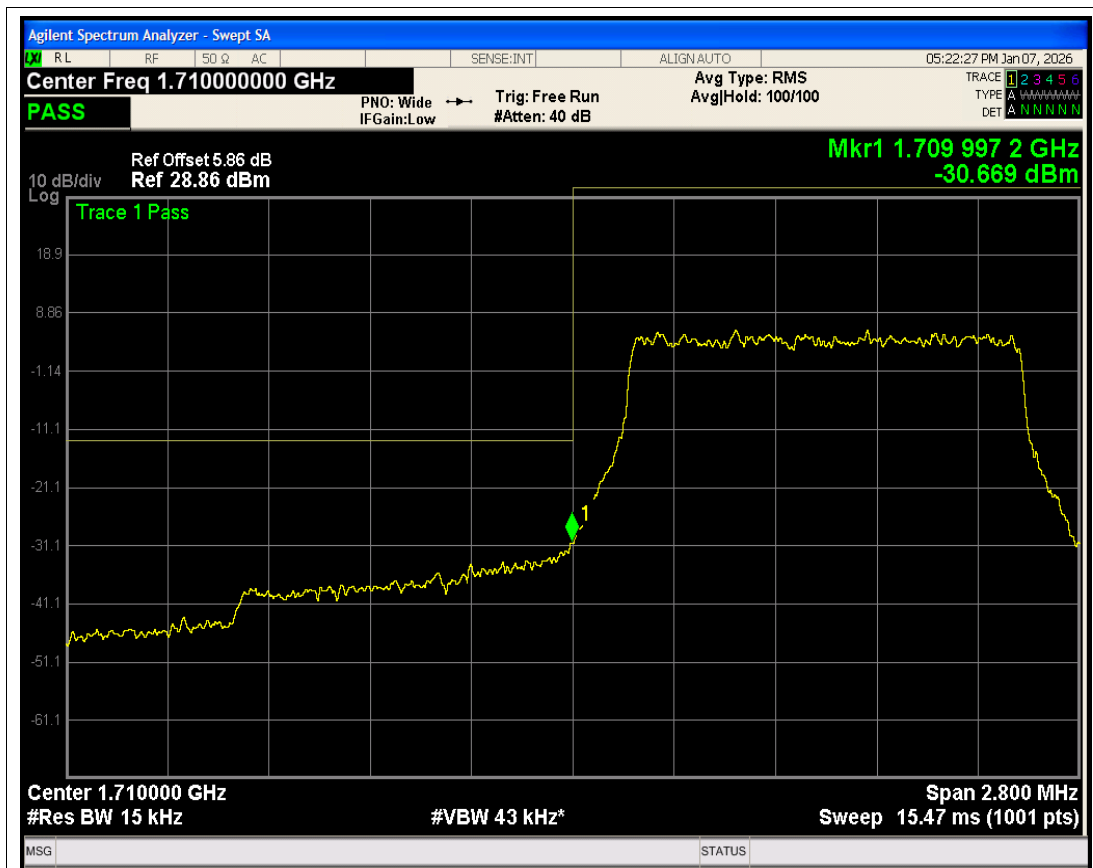


Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0

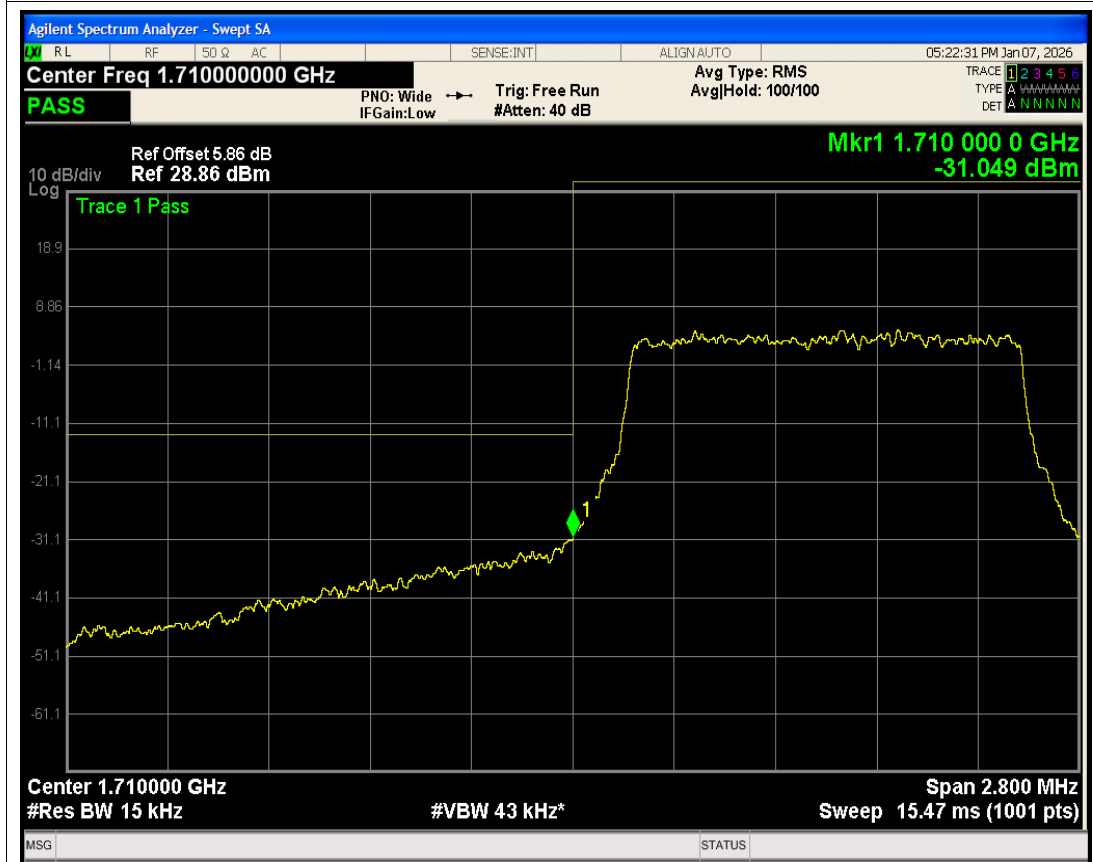


Appendix 5.Band edge

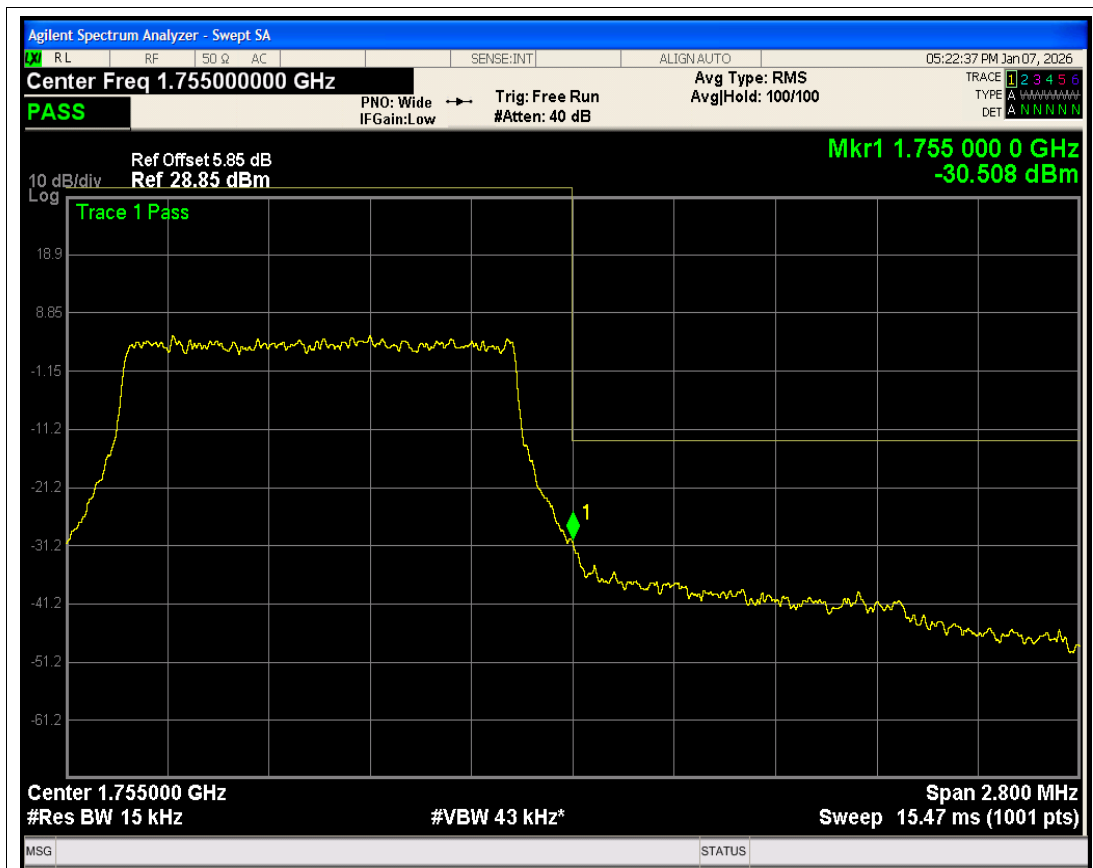
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	6	#0	QPSK	1710.00	-30.66	-13	PASS
Band4	1.4	19957	6	#0	16QAM	1710.00	-31.04	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.00	-30.50	-13	PASS
Band4	1.4	20393	6	#0	16QAM	1755.00	-32.42	-13	PASS
Band4	3	19965	15	#0	QPSK	1710.00	-28.54	-13	PASS
Band4	3	19965	15	#0	16QAM	1710.00	-29.65	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.02	-30.54	-13	PASS
Band4	3	20385	15	#0	16QAM	1755.00	-30.10	-13	PASS
Band4	5	19975	25	#0	QPSK	1710.00	-27.44	-13	PASS
Band4	5	19975	25	#0	16QAM	1710.00	-30.51	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.04	-30.31	-13	PASS
Band4	5	20375	25	#0	16QAM	1755.00	-30.31	-13	PASS
Band4	10	20000	1	#0	QPSK	1709.96	-15.99	-13	PASS
Band4	10	20000	50	#0	QPSK	1709.96	-28.92	-13	PASS
Band4	10	20000	1	#0	16QAM	1710.00	-16.16	-13	PASS
Band4	10	20350	1	#0	QPSK	1755.18	-44.55	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.00	-28.48	-13	PASS
Band4	10	20350	1	#0	16QAM	1755.04	-45.11	-13	PASS
Band4	15	20025	1	#0	QPSK	1709.94	-15.36	-13	PASS
Band4	15	20025	75	#0	QPSK	1709.85	-30.06	-13	PASS
Band4	15	20025	1	#0	16QAM	1710.00	-16.11	-13	PASS
Band4	15	20325	1	#0	QPSK	1755.87	-42.83	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.21	-31.09	-13	PASS
Band4	15	20325	1	#0	16QAM	1755.03	-40.56	-13	PASS
Band4	20	20050	1	#0	QPSK	1709.92	-16.13	-13	PASS
Band4	20	20050	100	#0	QPSK	1709.96	-32.69	-13	PASS
Band4	20	20050	1	#0	16QAM	1710.00	-16.55	-13	PASS
Band4	20	20300	1	#0	QPSK	1755.00	-38.20	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.04	-31.06	-13	PASS
Band4	20	20300	1	#0	16QAM	1755.60	-39.87	-13	PASS



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



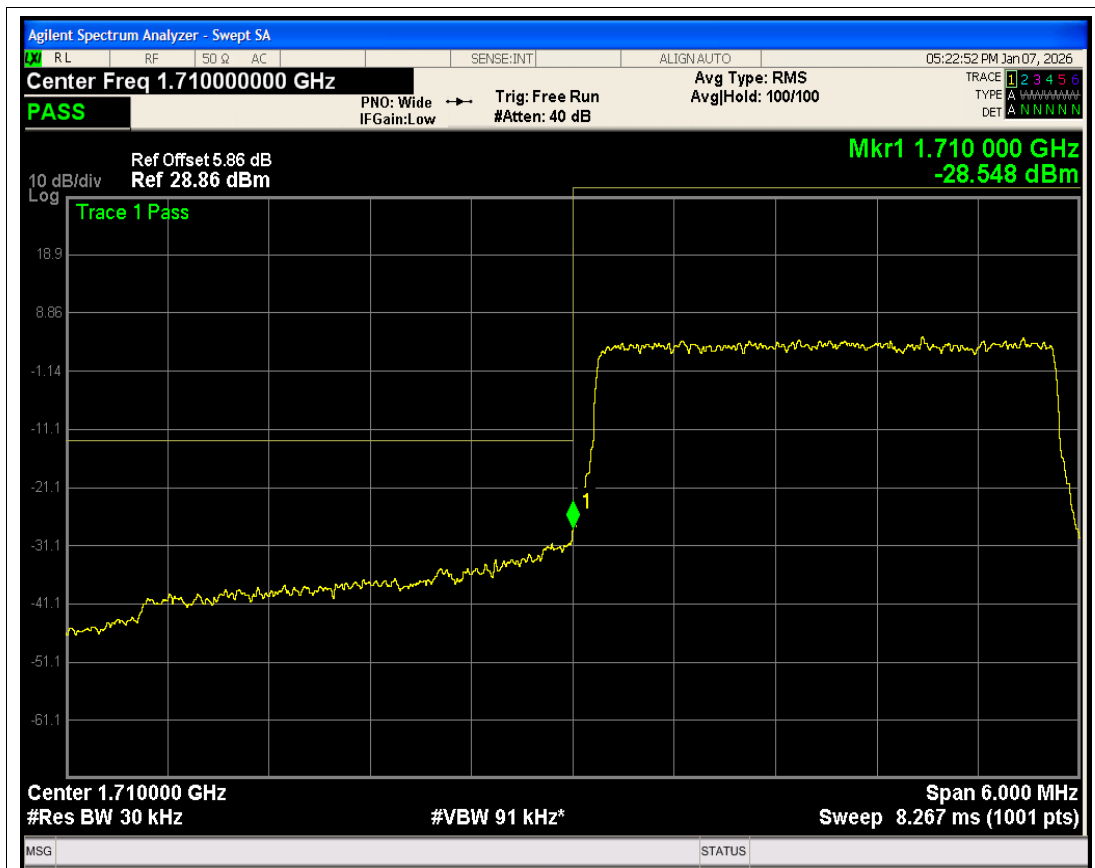
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0



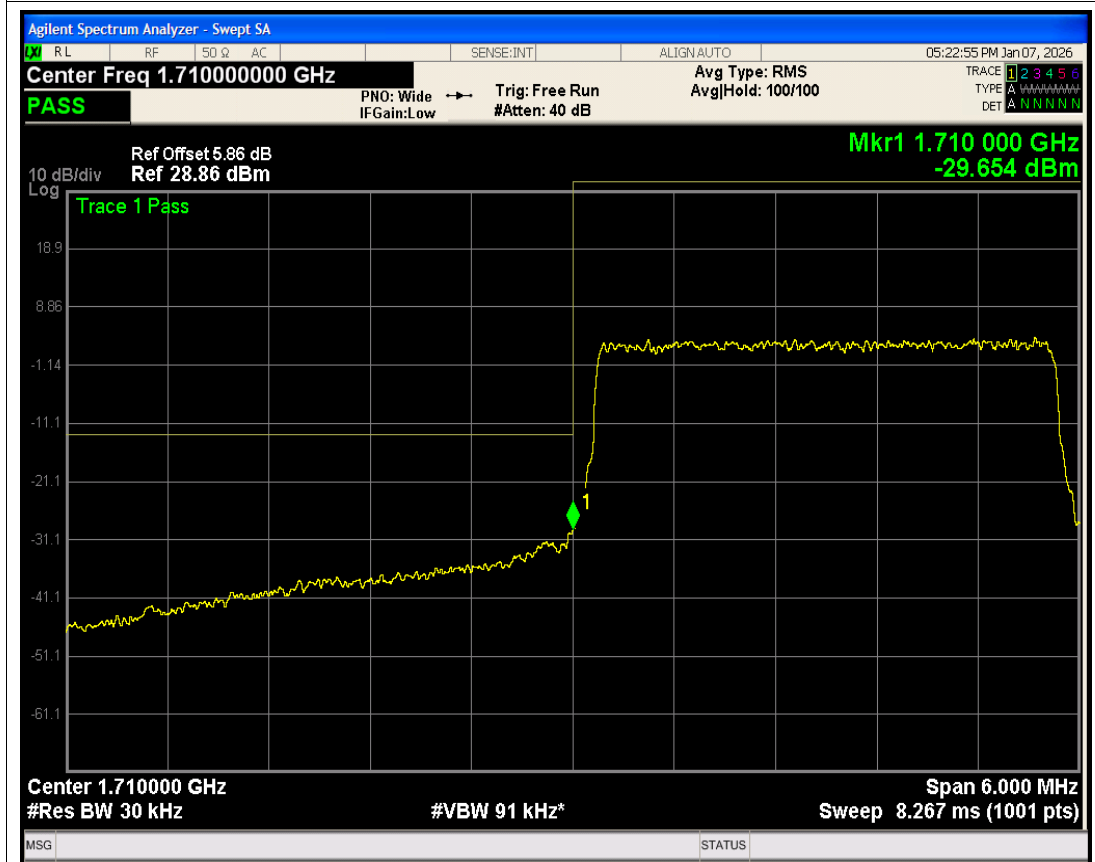
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



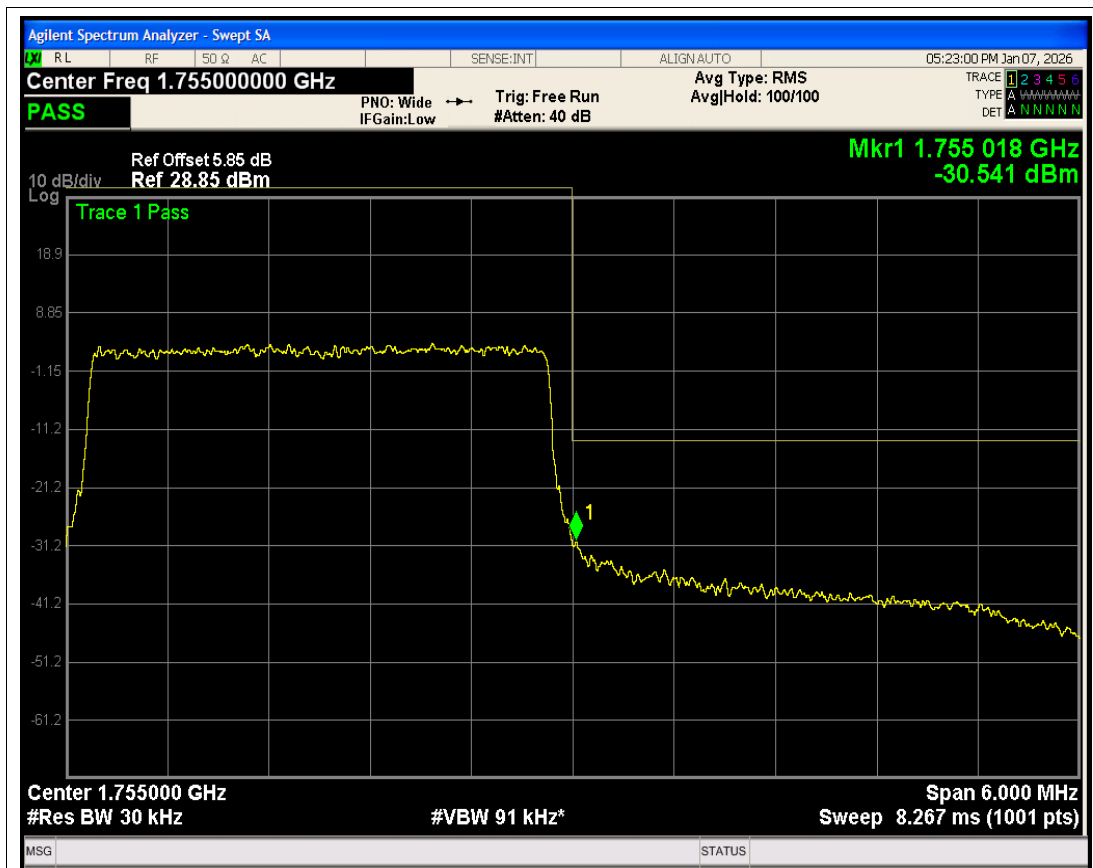
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



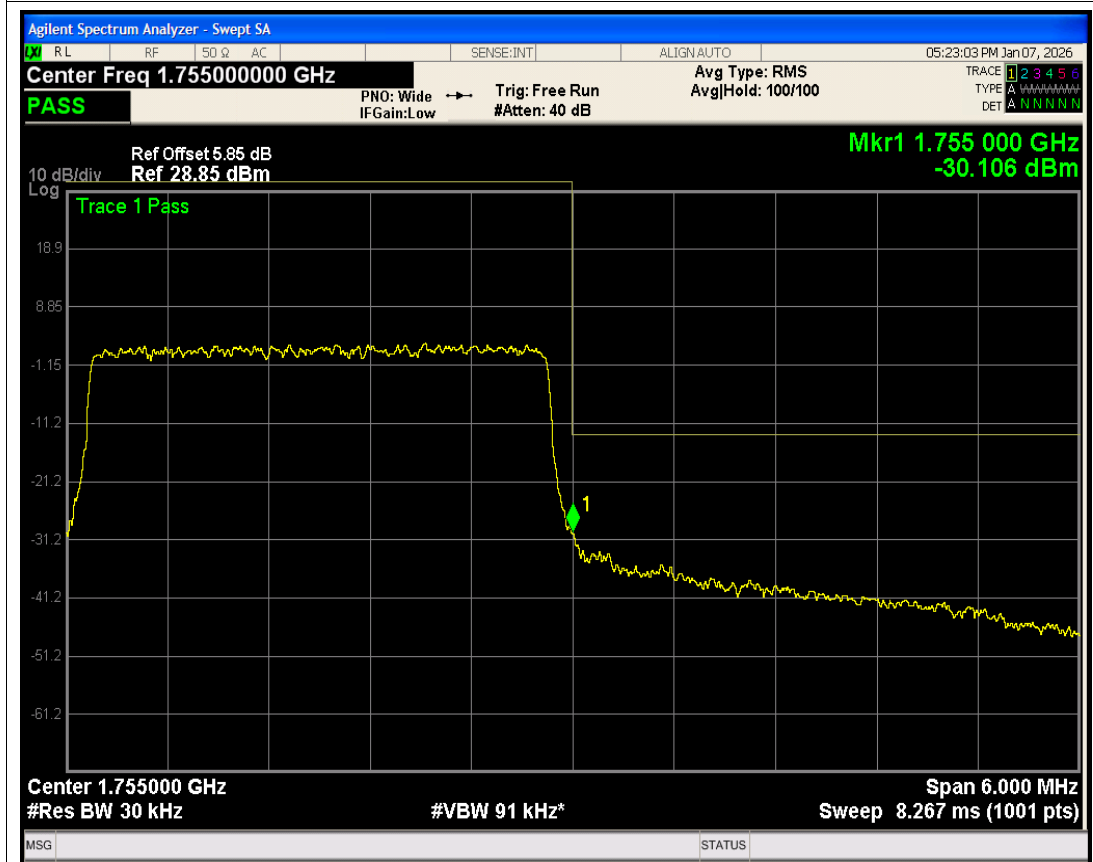
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



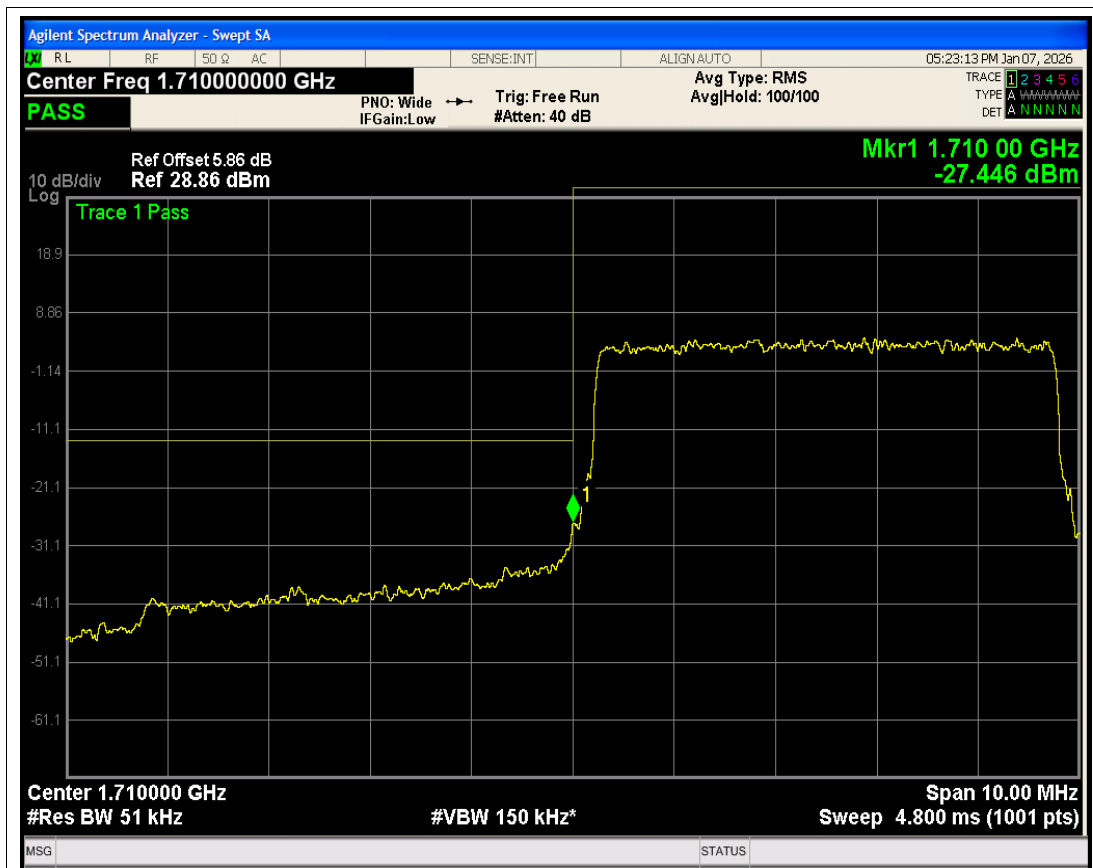
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



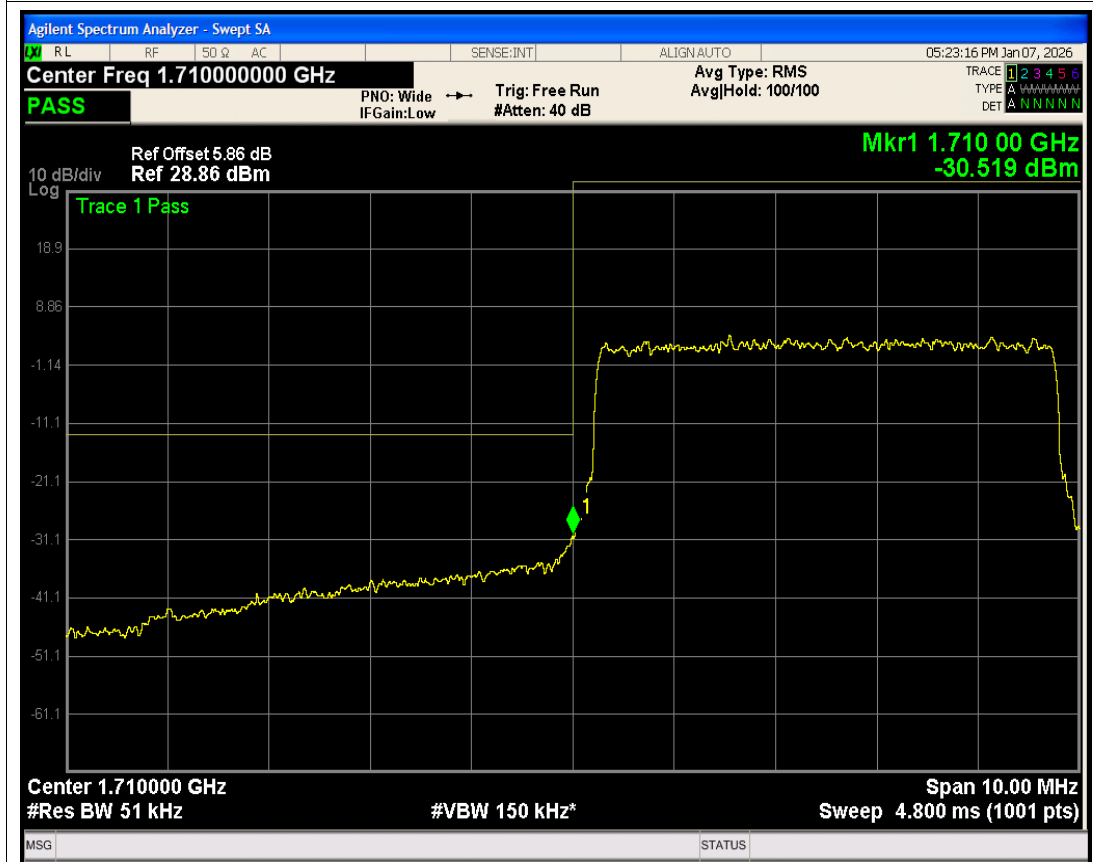
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



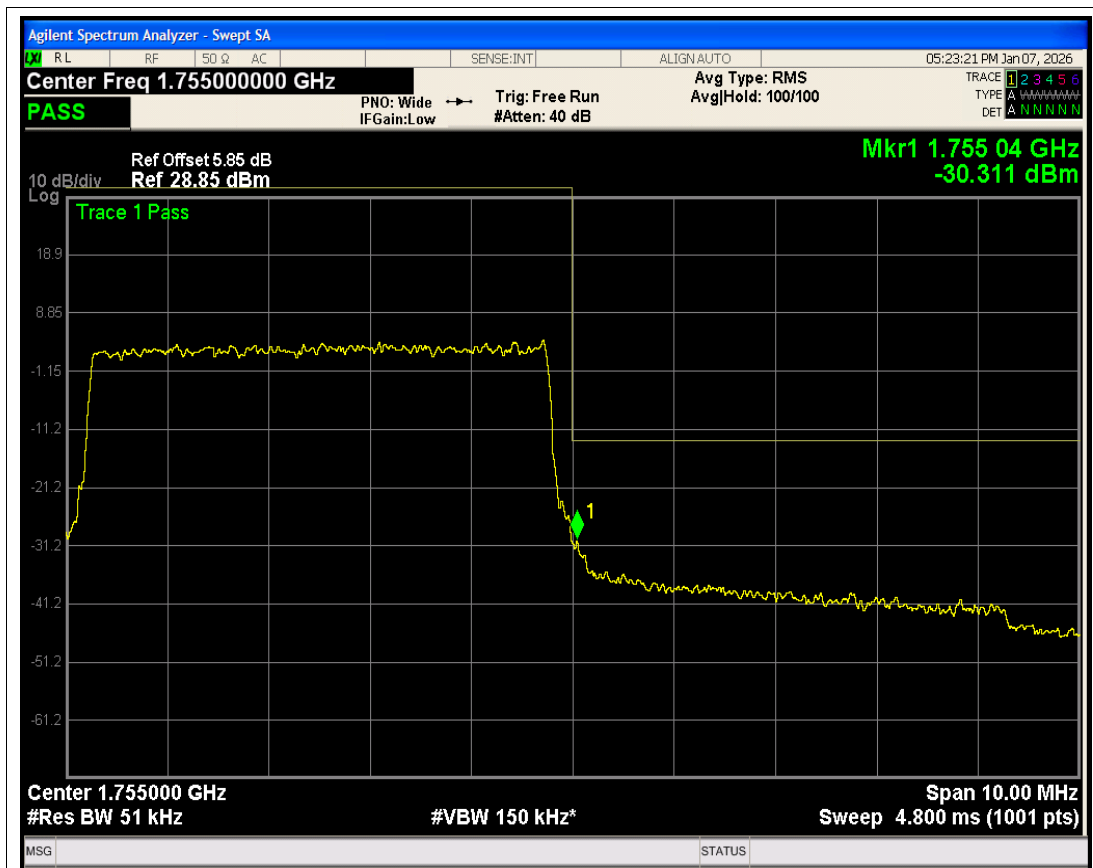
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



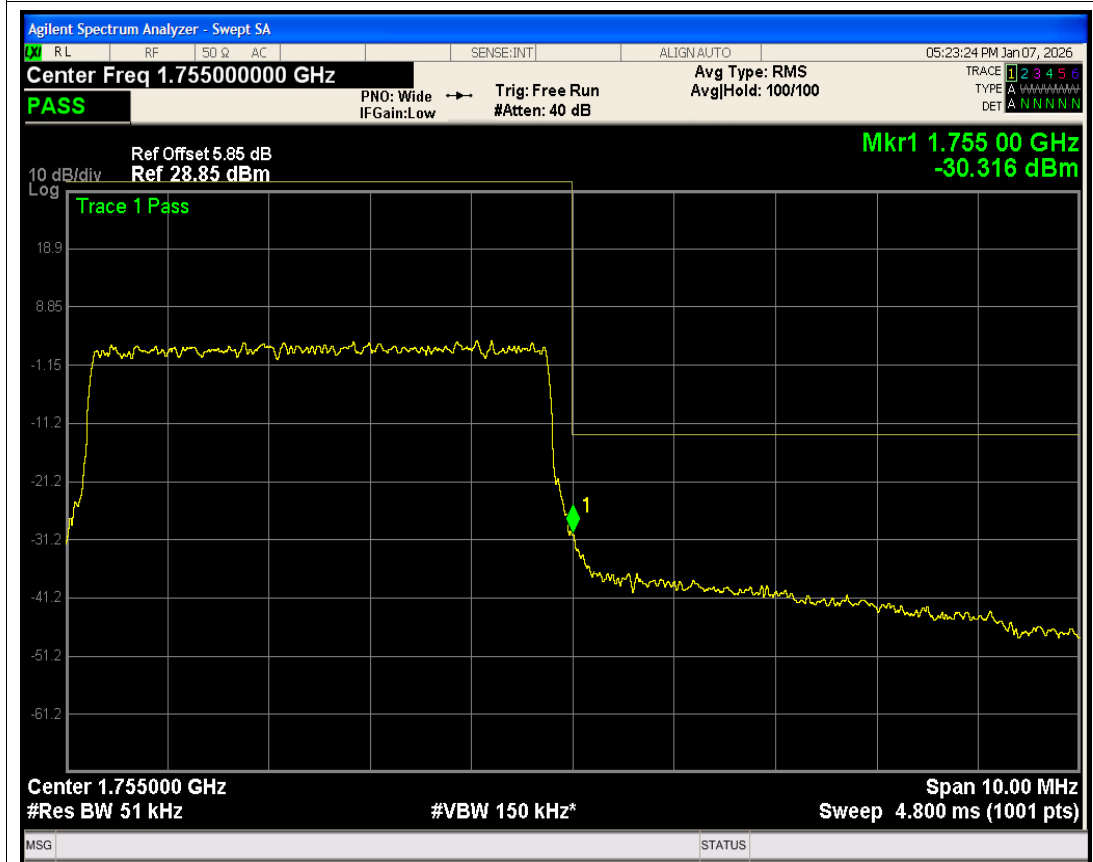
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



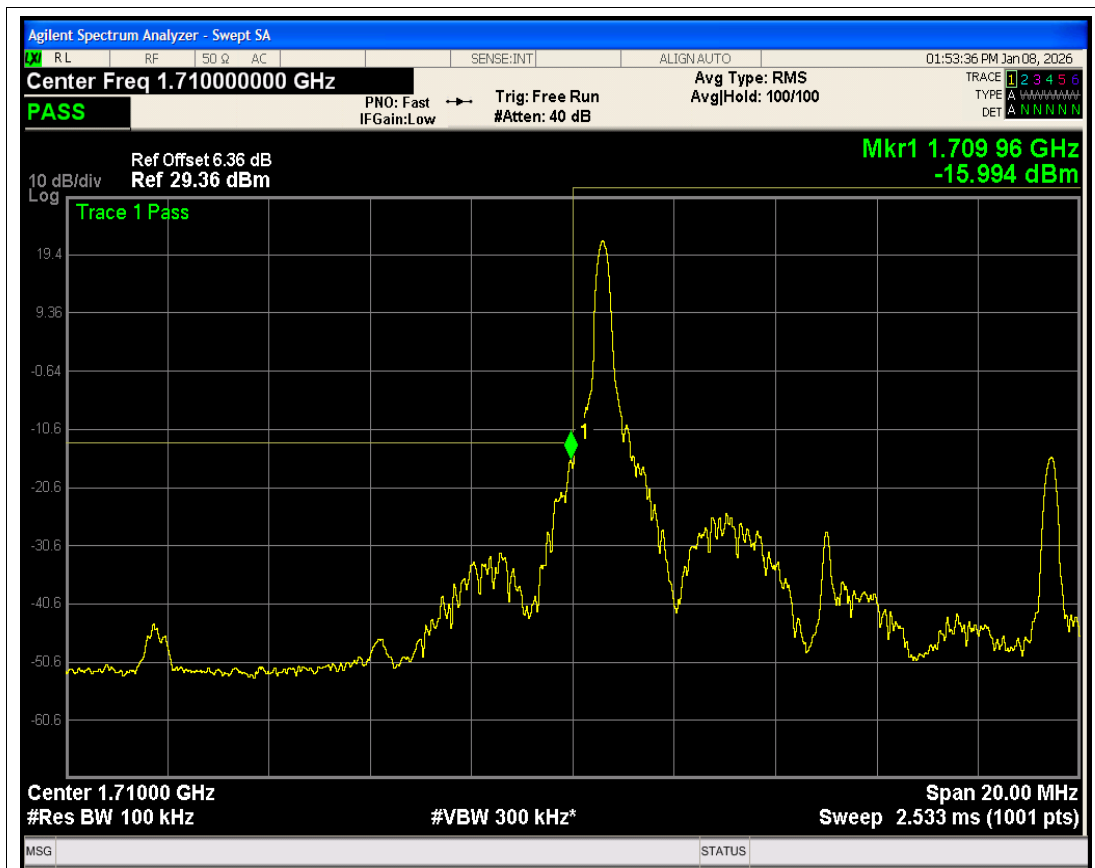
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



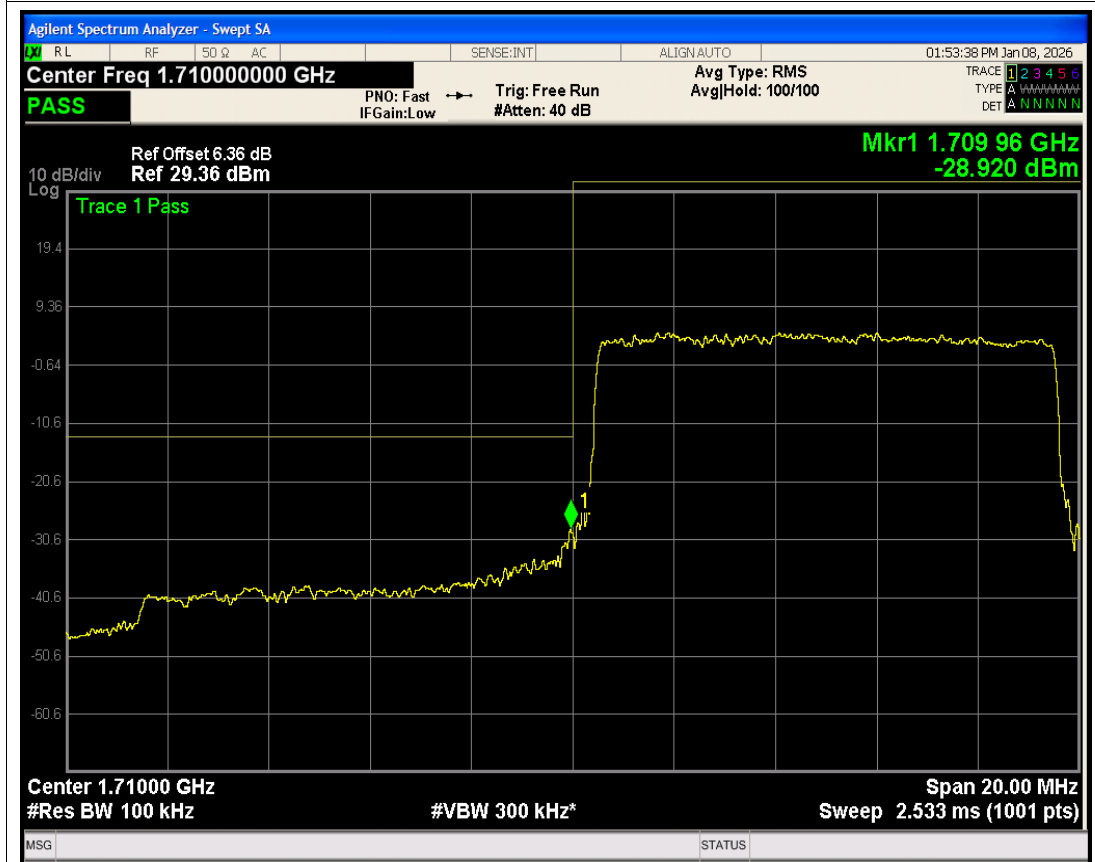
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



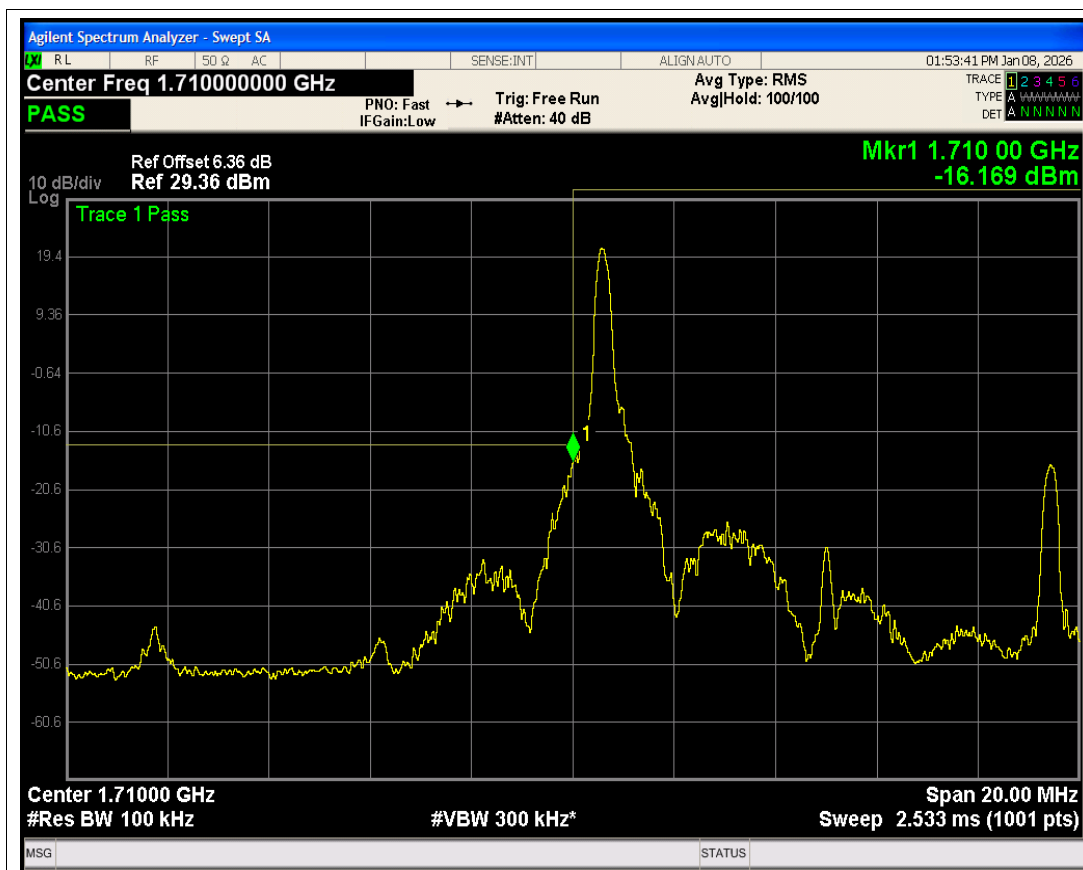
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



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



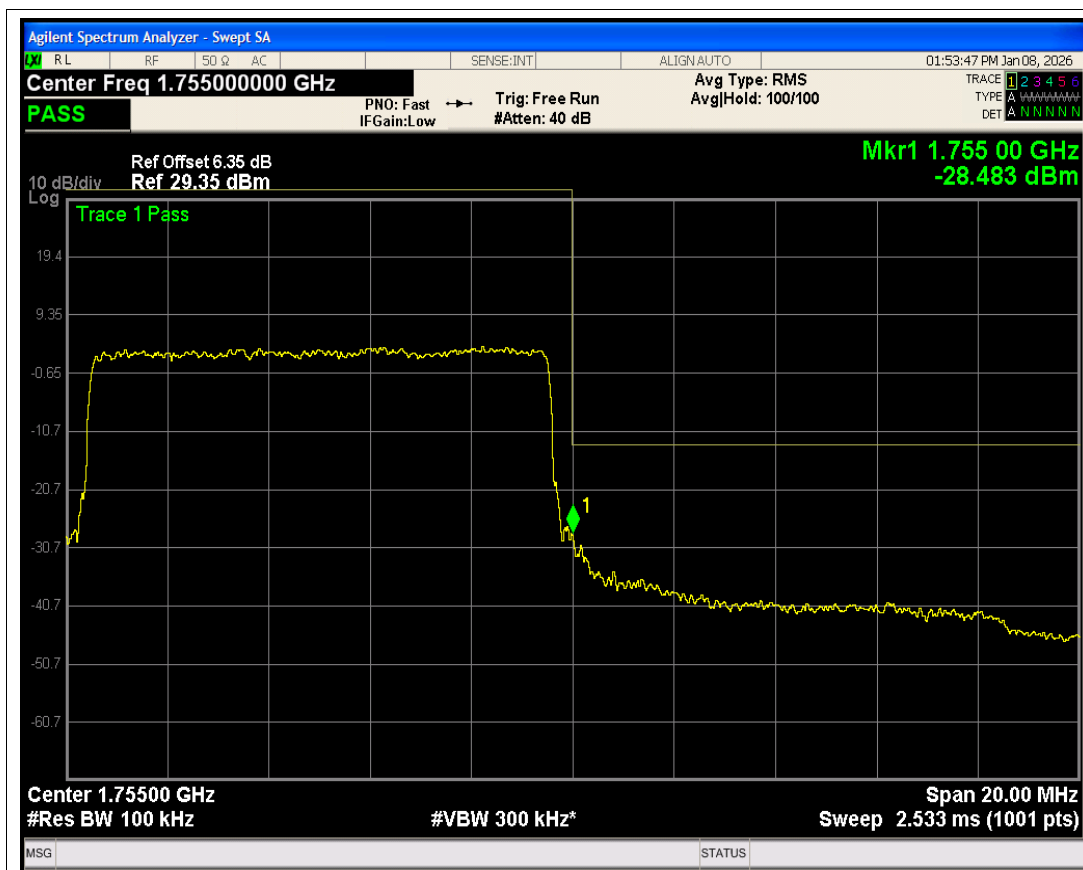
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



Band4 16QAM BW=10MHz Channel=20000 RB Size=1 Position=#0



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



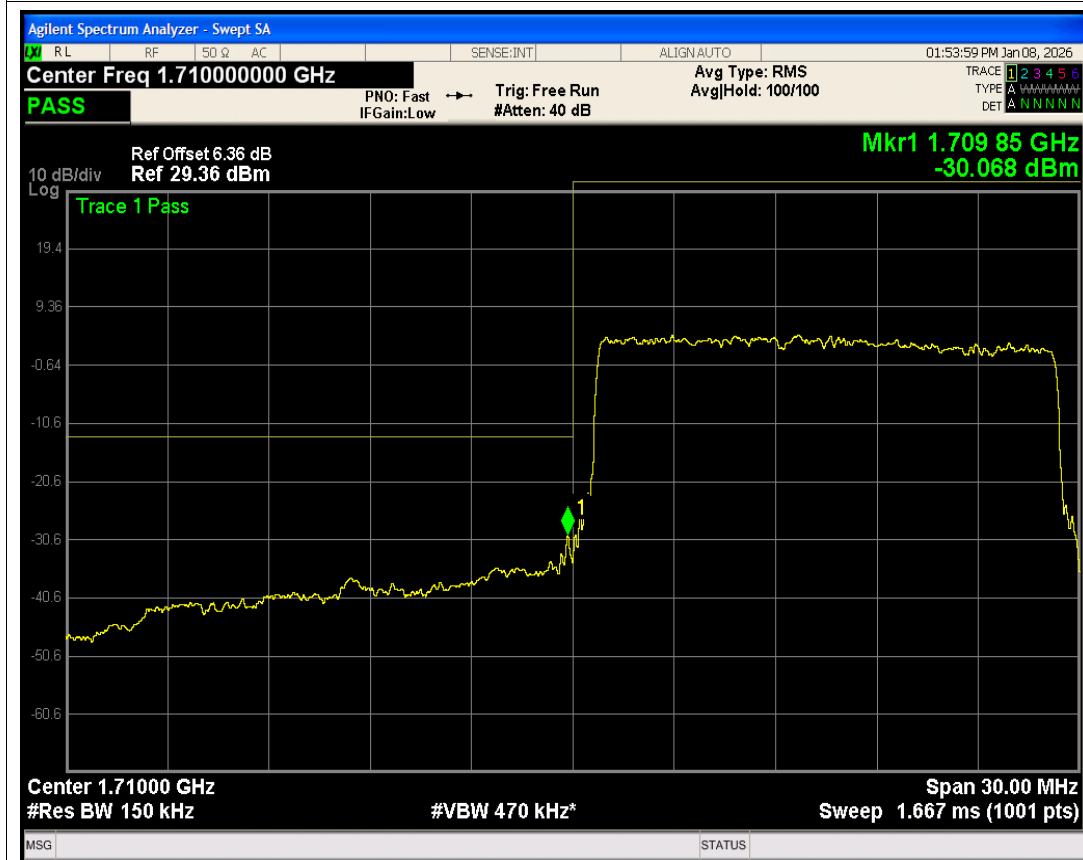
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



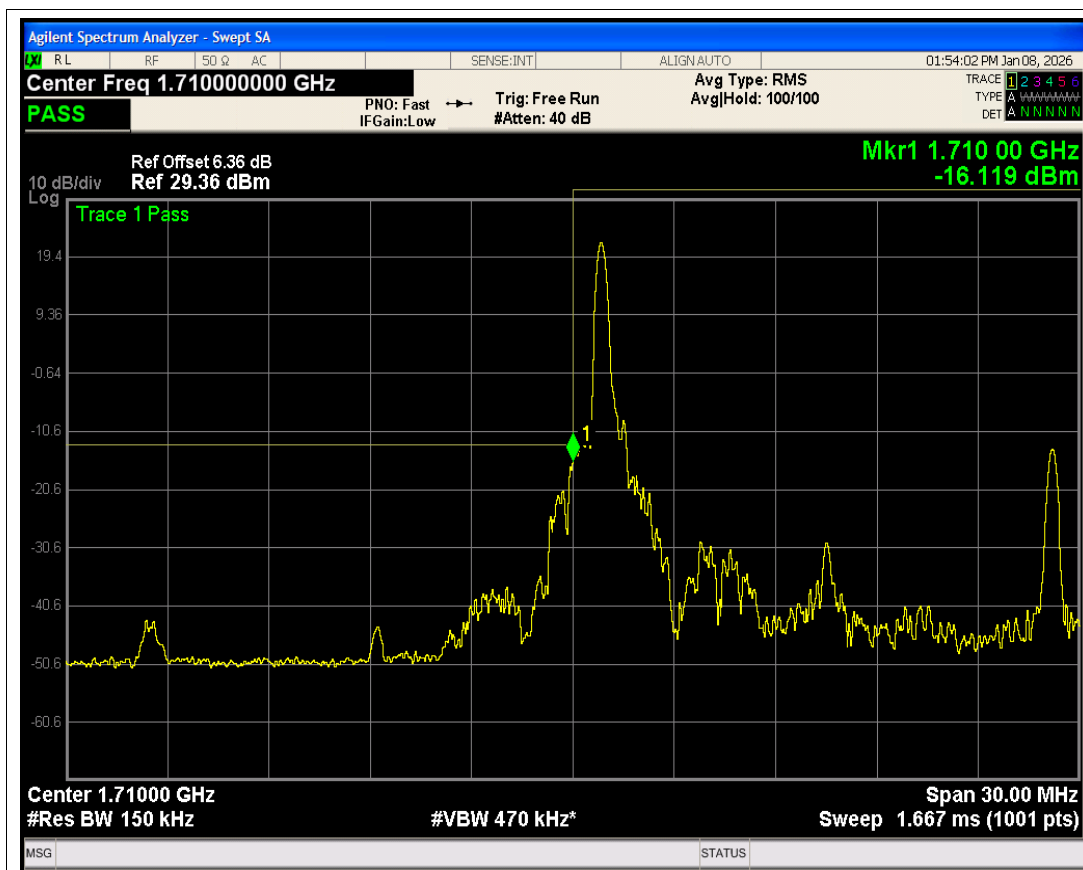
Band4 16QAM BW=10MHz Channel=20350 RB Size=1 Position=#0



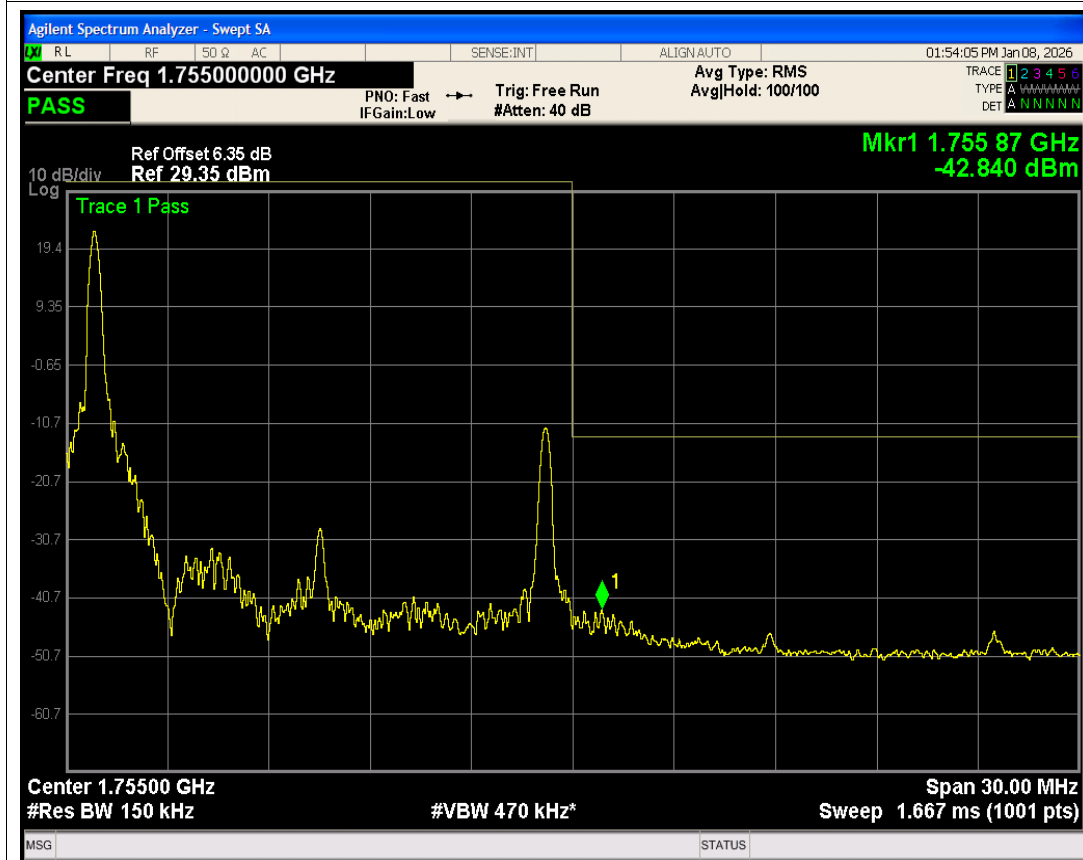
Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0



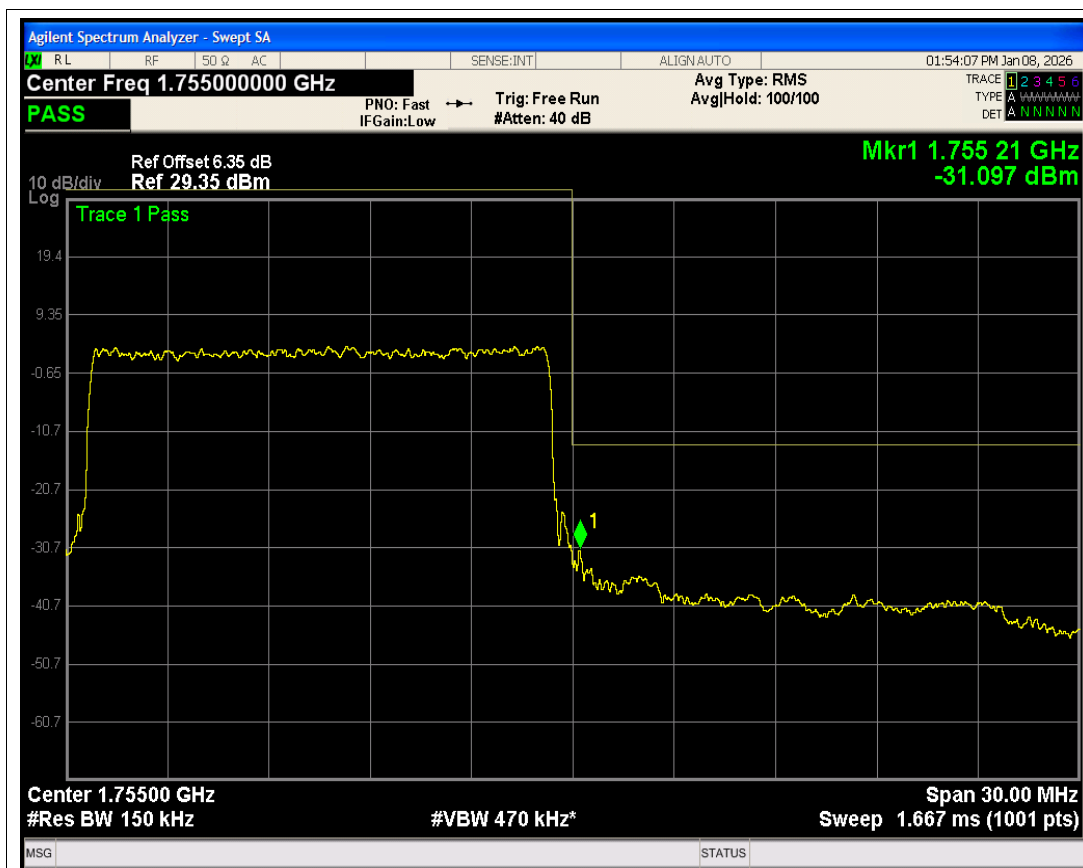
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



Band4 16QAM BW=15MHz Channel=20025 RB Size=1 Position=#0



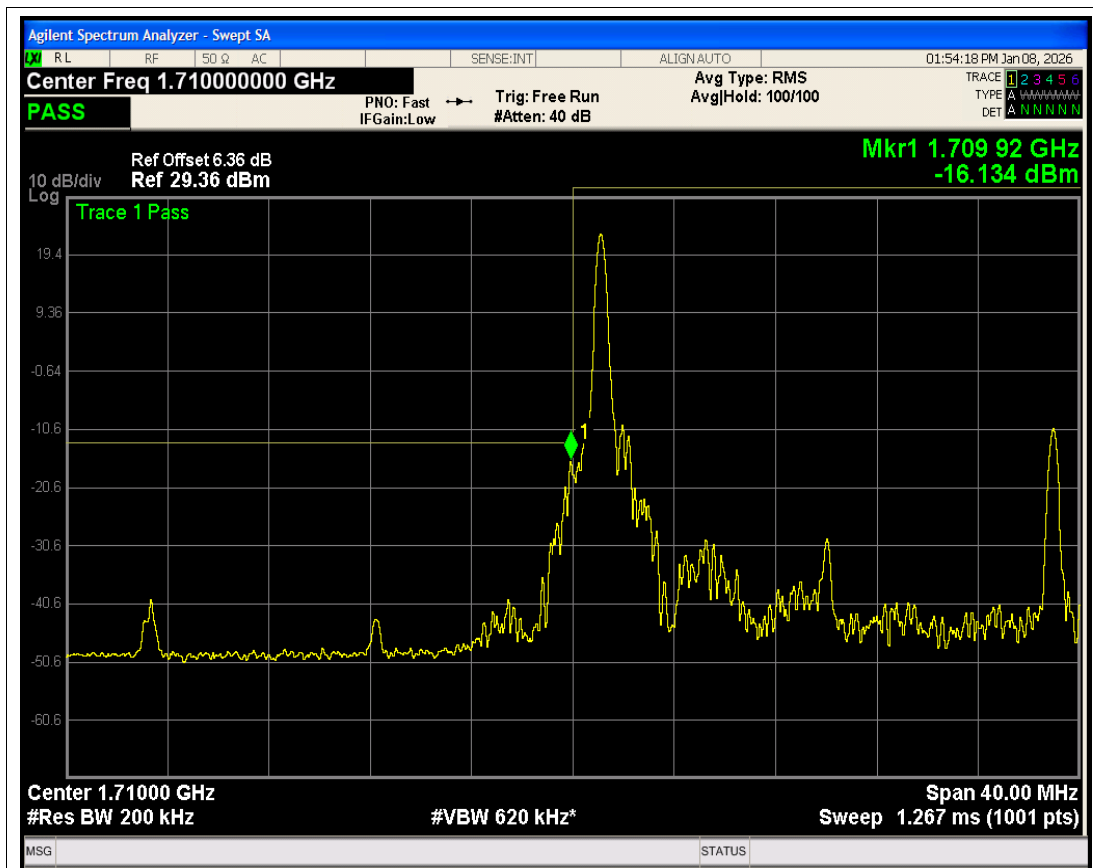
Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0



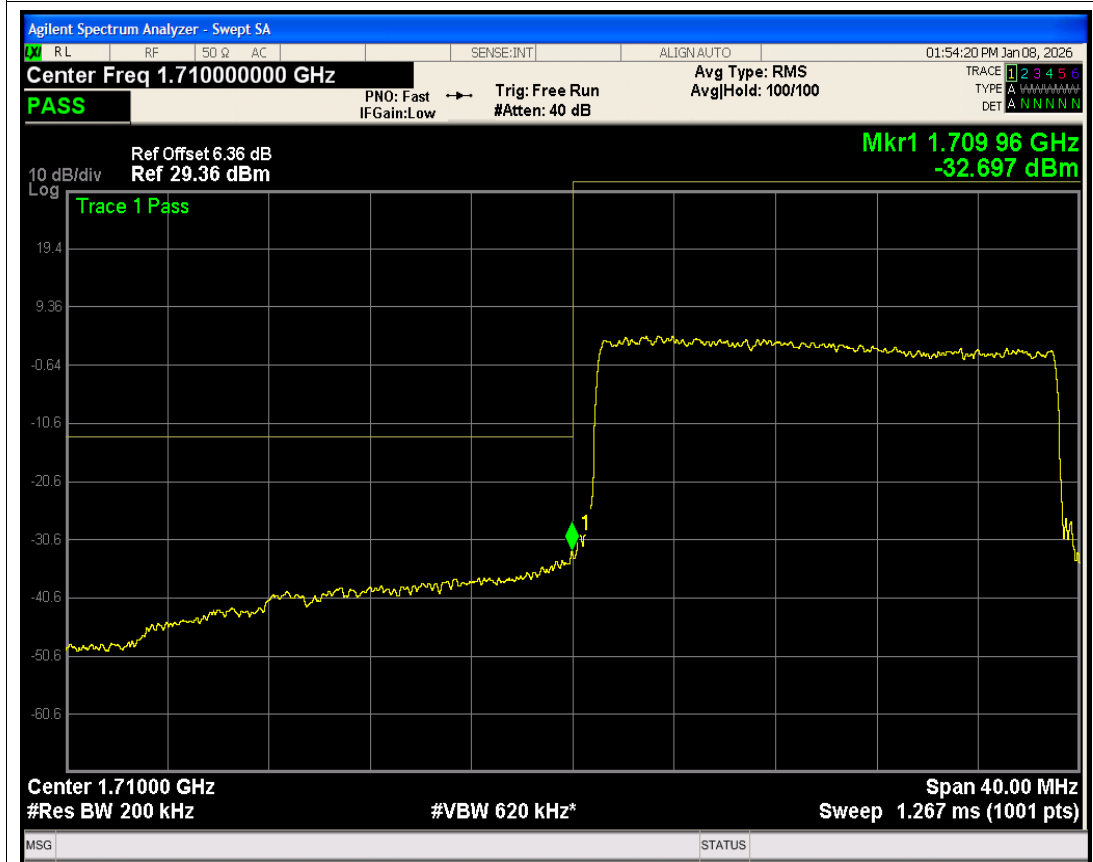
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



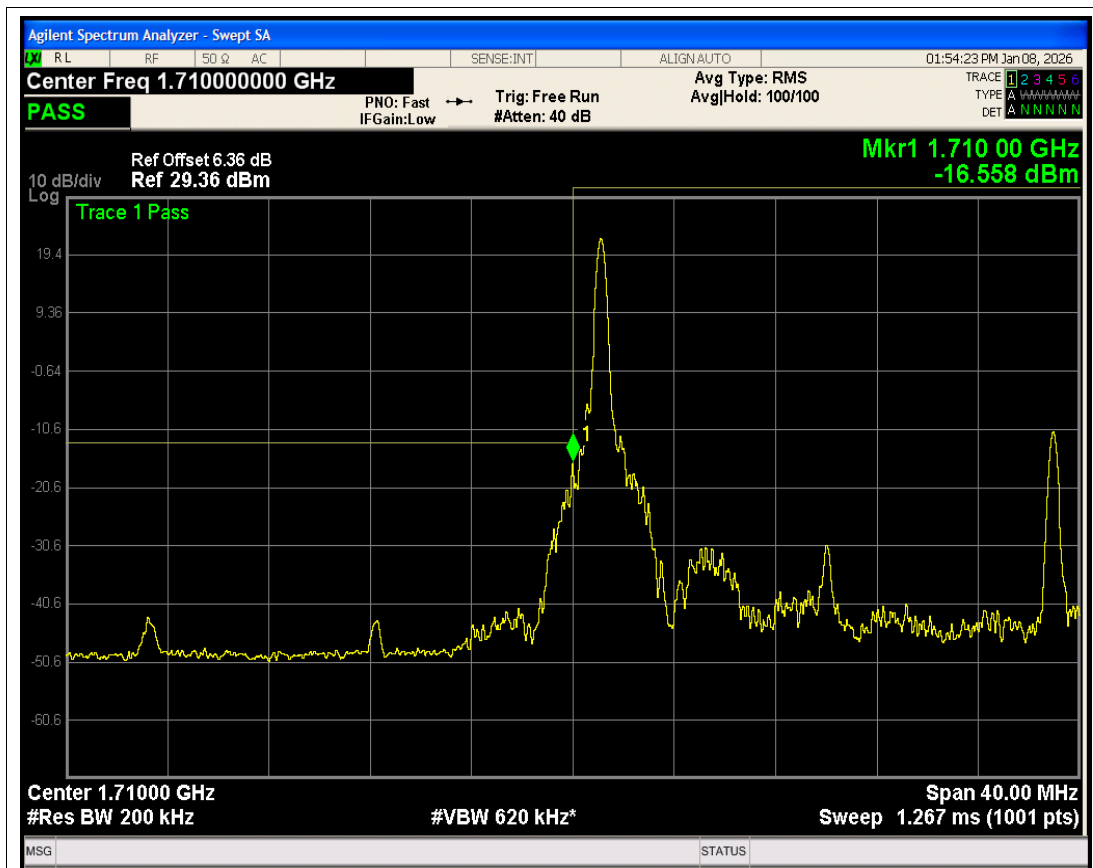
Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#0



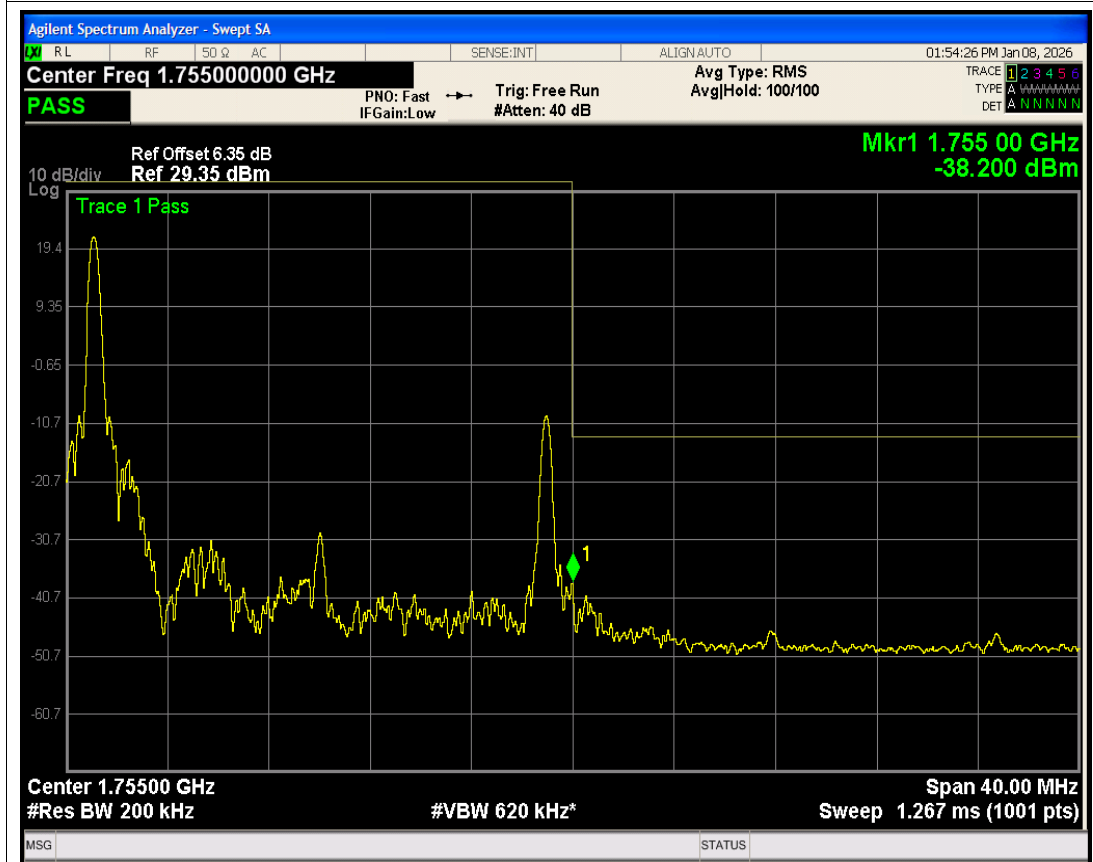
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



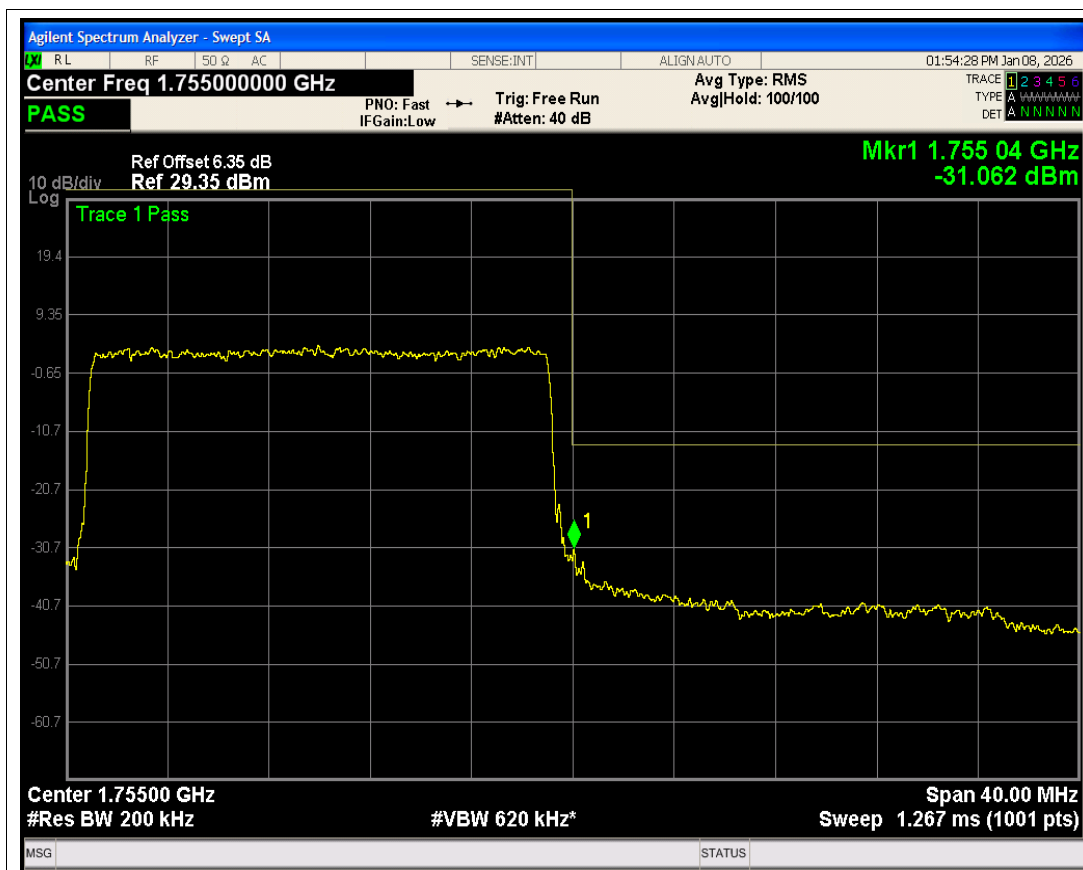
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



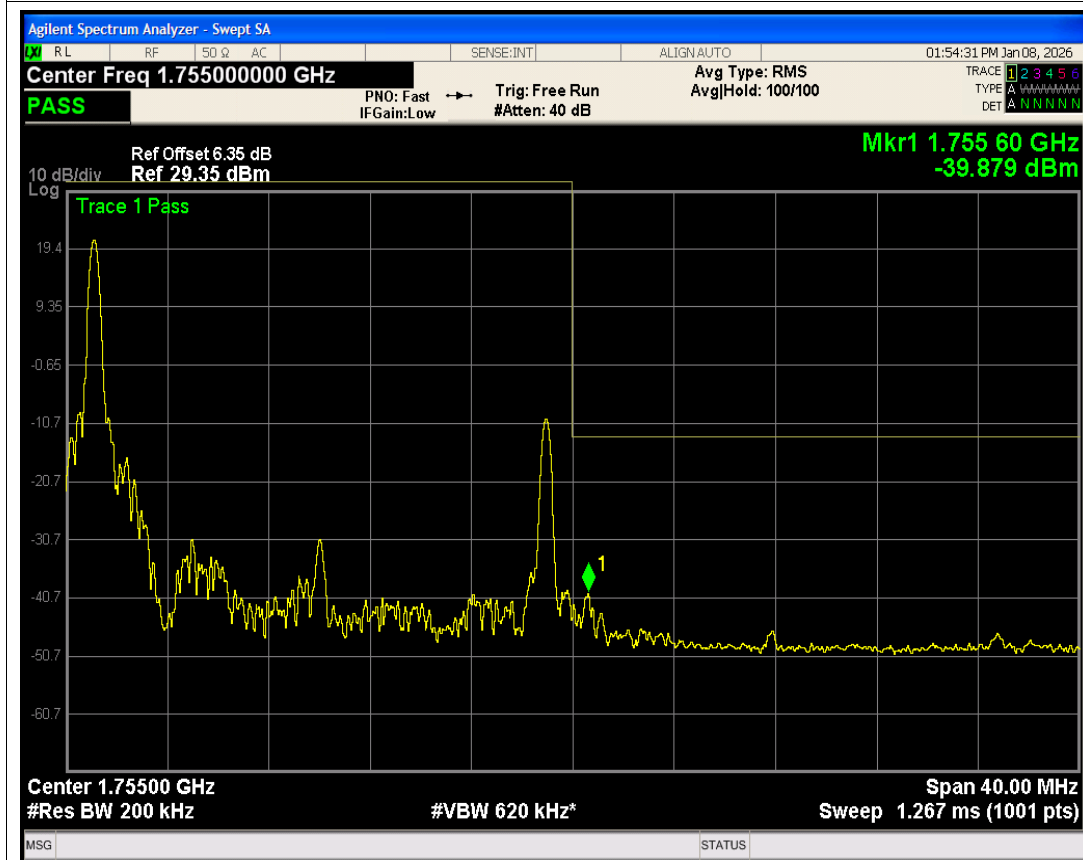
Band4 16QAM BW=20MHz Channel=20050 RB Size=1 Position=#0



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



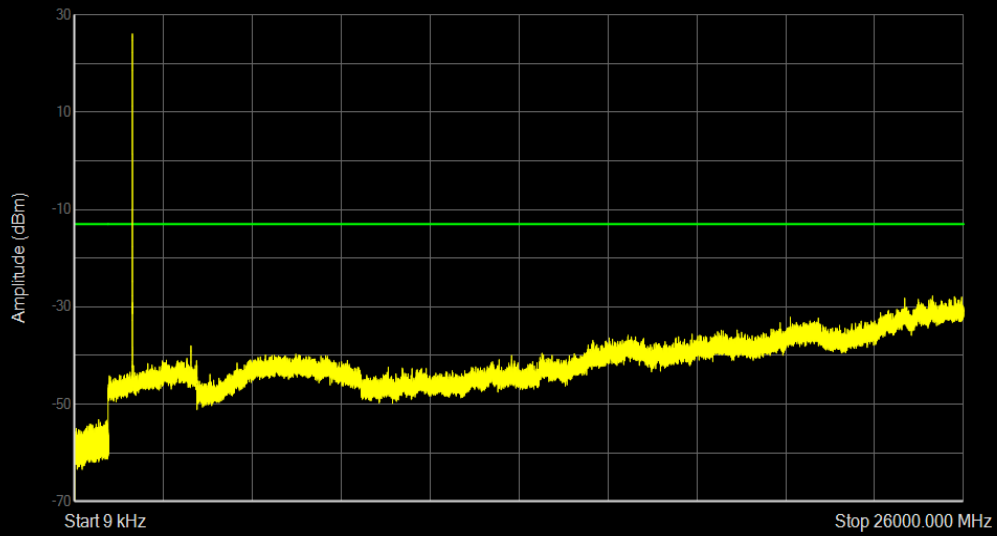
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#0

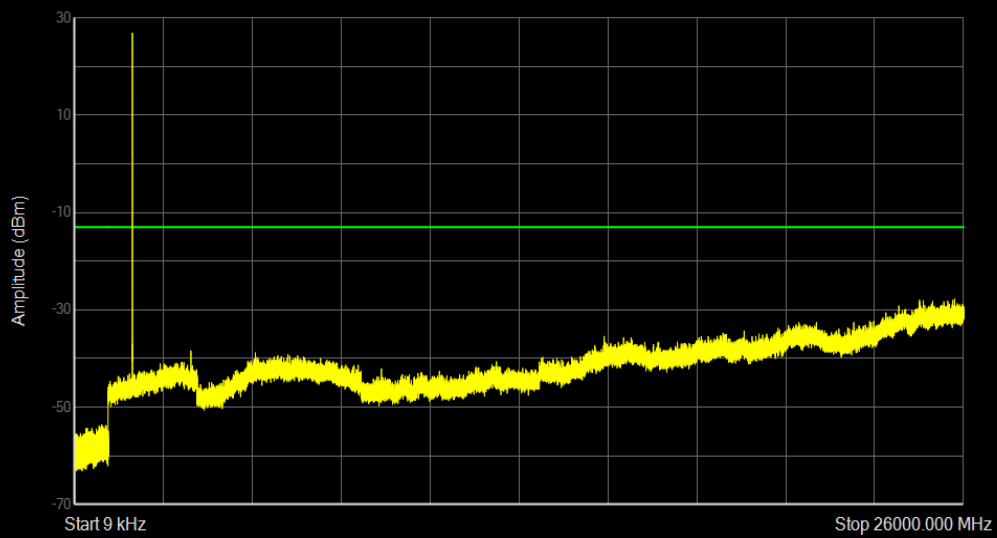
Appendix 6.Out-of-band emissions

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	25093.75	-27.77	-13	PASS
Band4	1.4	19957	6	#0	16QAM	25738.13	-27.80	-13	PASS
Band4	1.4	20175	6	#0	QPSK	25646.25	-27.93	-13	PASS
Band4	1.4	20175	6	#0	16QAM	25750.00	-27.52	-13	PASS
Band4	1.4	20393	6	#0	QPSK	25385.00	-28.03	-13	PASS
Band4	1.4	20393	6	#0	16QAM	25667.50	-27.79	-13	PASS
Band4	3	19965	15	#0	QPSK	25295.63	-28.03	-13	PASS
Band4	3	19965	15	#0	16QAM	25072.50	-27.87	-13	PASS
Band4	3	20175	15	#0	QPSK	25814.38	-27.37	-13	PASS
Band4	3	20175	15	#0	16QAM	25896.88	-27.37	-13	PASS
Band4	3	20385	15	#0	QPSK	25980.00	-27.21	-13	PASS
Band4	3	20385	15	#0	16QAM	25813.13	-26.68	-13	PASS
Band4	5	19975	25	#0	QPSK	24317.50	-27.55	-13	PASS
Band4	5	19975	25	#0	16QAM	25628.13	-28.37	-13	PASS
Band4	5	20175	25	#0	QPSK	25989.38	-27.73	-13	PASS
Band4	5	20175	25	#0	16QAM	25987.50	-27.71	-13	PASS
Band4	5	20375	25	#0	QPSK	25755.63	-27.40	-13	PASS
Band4	5	20375	25	#0	16QAM	25748.75	-27.69	-13	PASS
Band4	10	20000	50	#0	QPSK	25916.25	-27.36	-13	PASS
Band4	10	20175	50	#0	QPSK	25134.38	-27.44	-13	PASS
Band4	10	20350	50	#0	QPSK	25671.88	-26.86	-13	PASS
Band4	15	20025	75	#0	QPSK	25415.00	-26.92	-13	PASS
Band4	15	20175	75	#0	QPSK	25187.50	-27.56	-13	PASS
Band4	15	20325	75	#0	QPSK	25918.13	-26.94	-13	PASS
Band4	20	20050	100	#0	QPSK	25443.13	-27.23	-13	PASS
Band4	20	20175	100	#0	QPSK	25813.75	-27.31	-13	PASS
Band4	20	20300	100	#0	QPSK	25890.63	-27.22	-13	PASS



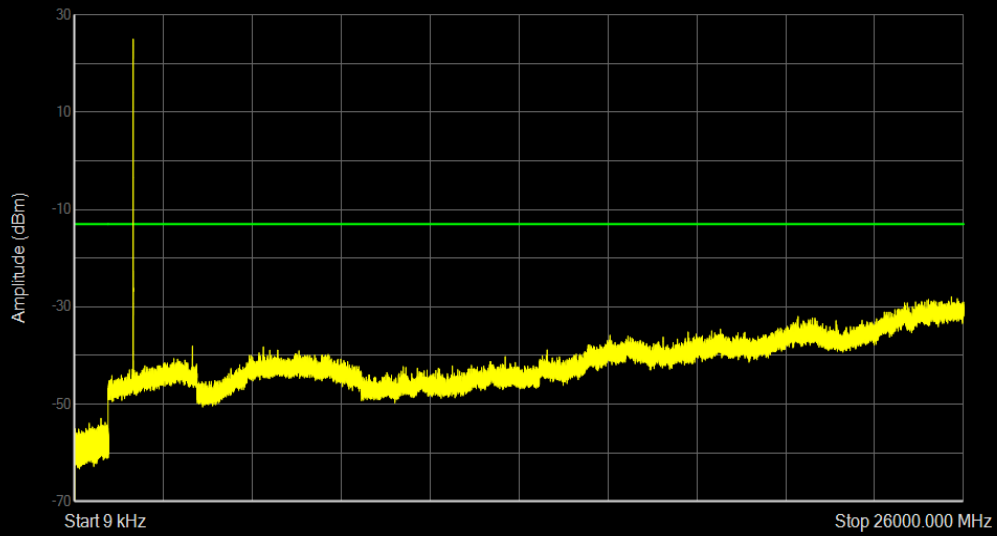
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-50.81	-13
2	0.15	30	10	6.1513425	-52.03	-13
3	30	1000	100	726.14475	-53.2	-13
4	1000	26000	1000	25093.75	-27.77	-13

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



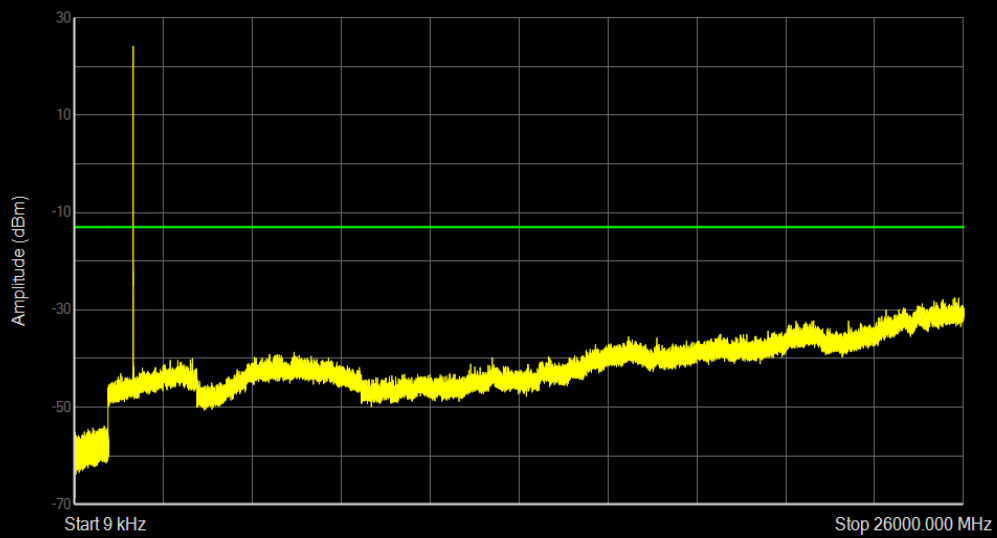
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00924675	-50.43	-13
2	0.15	30	10	6.71028375	-52.75	-13
3	30	1000	100	815.57875	-53.65	-13
4	1000	26000	1000	25738.125	-27.8	-13

Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0



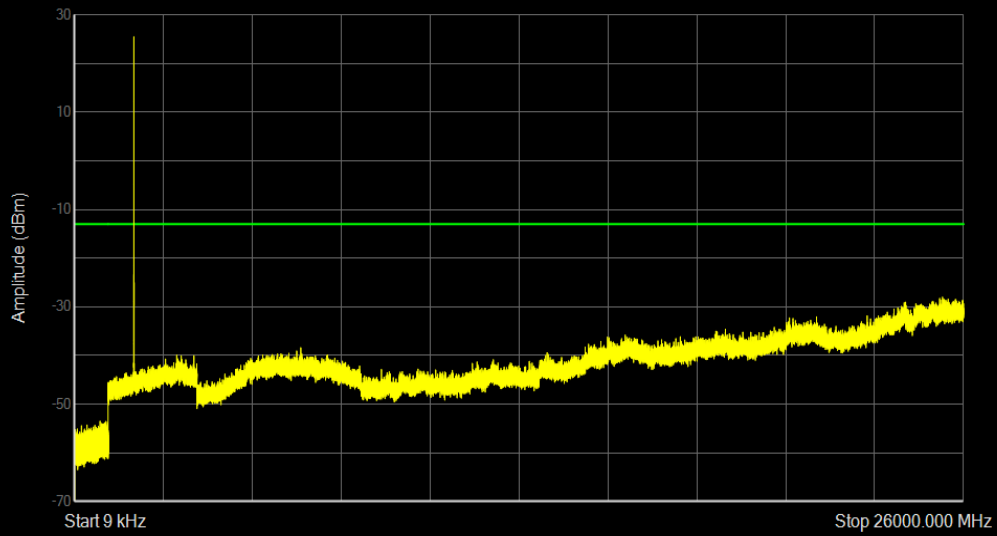
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0094653	-49.79	-13
2	0.15	30	10	0.15	-52.32	-13
3	30	1000	100	793.26875	-52.91	-13
4	1000	26000	1000	25646.25	-27.93	-13

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



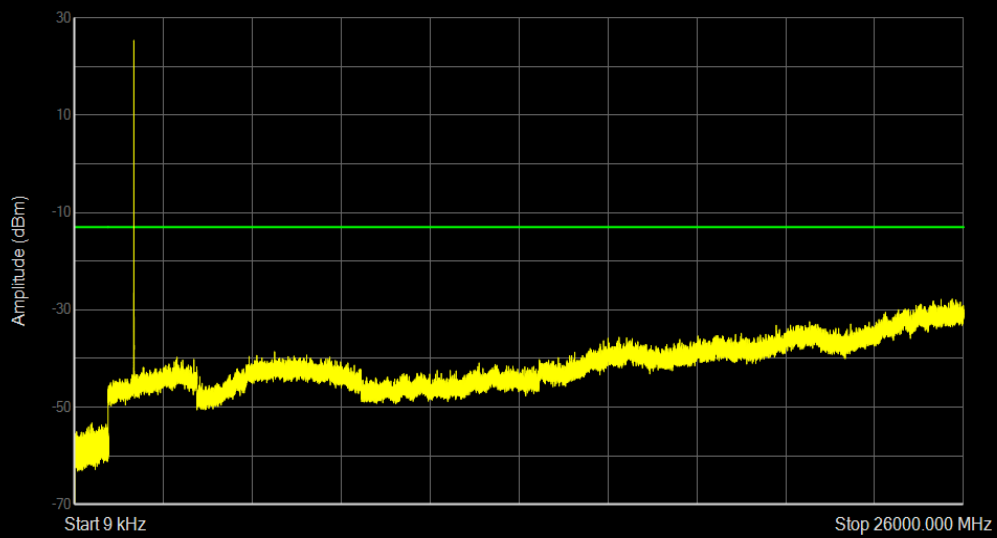
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009186825	-46.97	-13
2	0.15	30	10	0.15074625	-52.65	-13
3	30	1000	100	888.52275	-53.86	-13
4	1000	26000	1000	25750	-27.52	-13

Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0



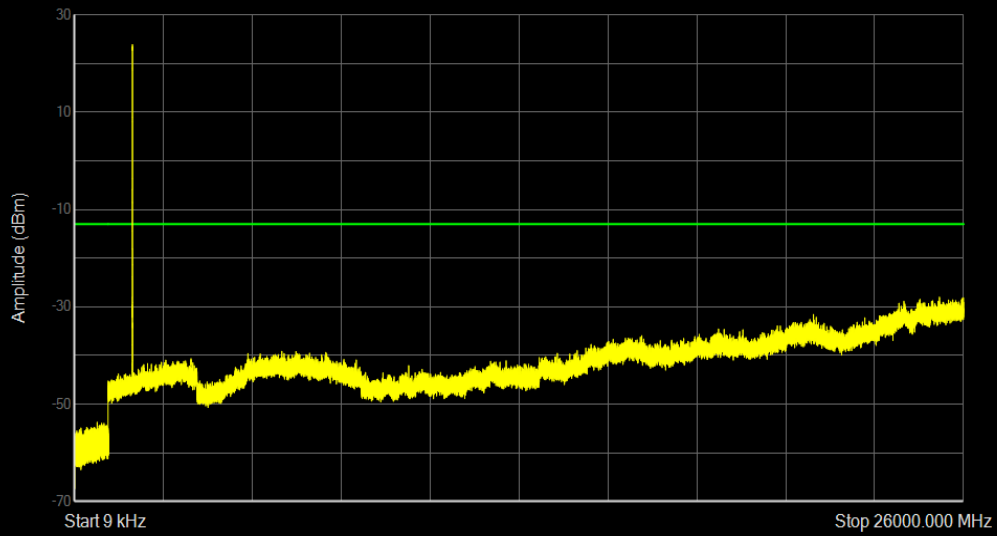
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.117319725	-50.3	-13
2	0.15	30	10	6.4737225	-52.82	-13
3	30	1000	100	765.18725	-53.51	-13
4	1000	26000	1000	25385	-28.03	-13

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



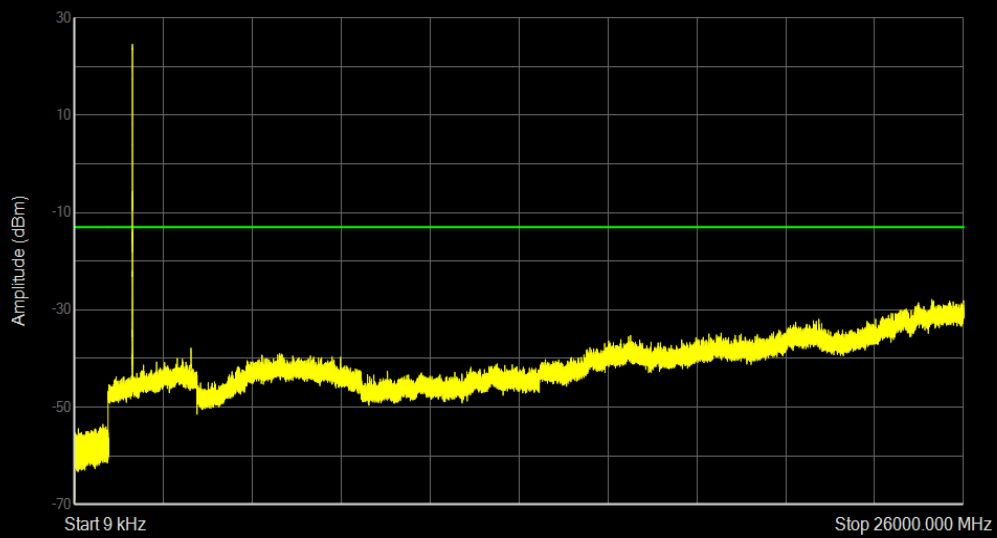
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.11761935	-49.89	-13
2	0.15	30	10	6.30507	-51.5	-13
3	30	1000	100	526.85825	-53.26	-13
4	1000	26000	1000	25667.5	-27.79	-13

Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



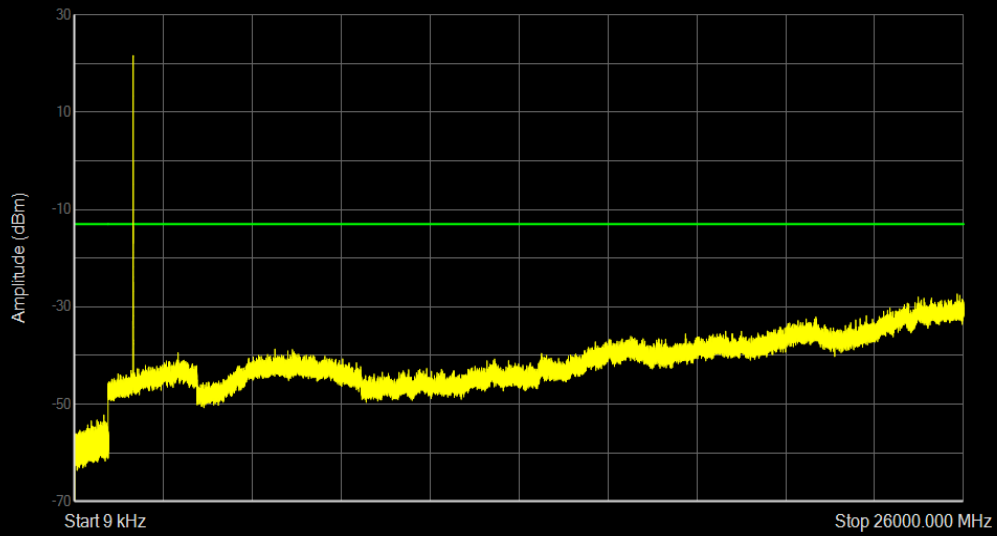
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010004625	-49.72	-13
2	0.15	30	10	6.13119375	-52.44	-13
3	30	1000	100	680.8215	-53.75	-13
4	1000	26000	1000	25295.625	-28.03	-13

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



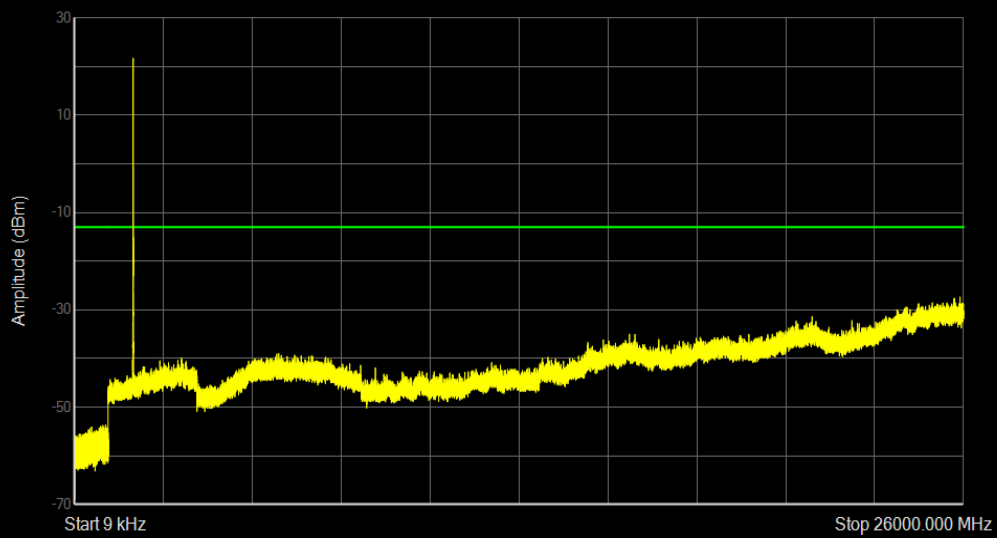
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011442625	-49.34	-13
2	0.15	30	10	6.134925	-51.72	-13
3	30	1000	100	850.74125	-53.55	-13
4	1000	26000	1000	25072.5	-27.87	-13

Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



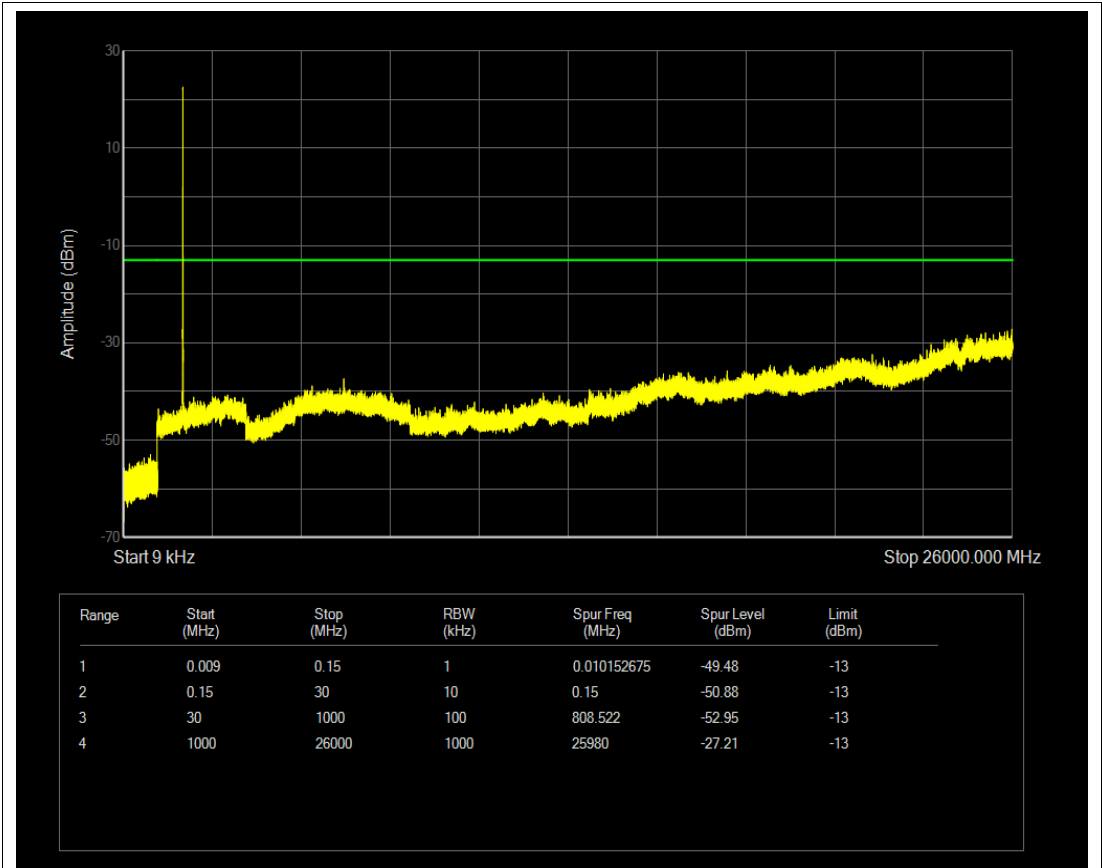
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0103254	-49.46	-13
2	0.15	30	10	6.12671625	-52.29	-13
3	30	1000	100	878.33775	-52.23	-13
4	1000	26000	1000	25814.375	-27.37	-13

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

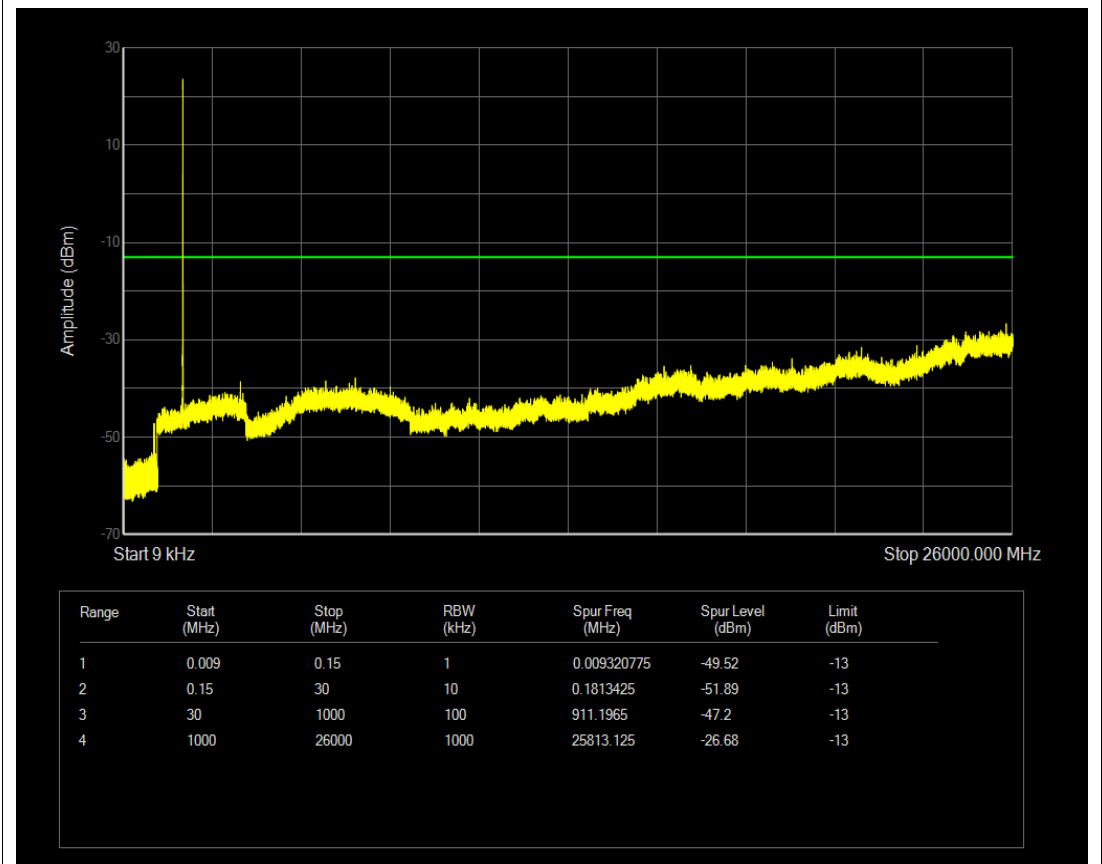


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010610925	-50.17	-13
2	0.15	30	10	6.45506625	-53.12	-13
3	30	1000	100	925.892	-53.67	-13
4	1000	26000	1000	25896.875	-27.37	-13

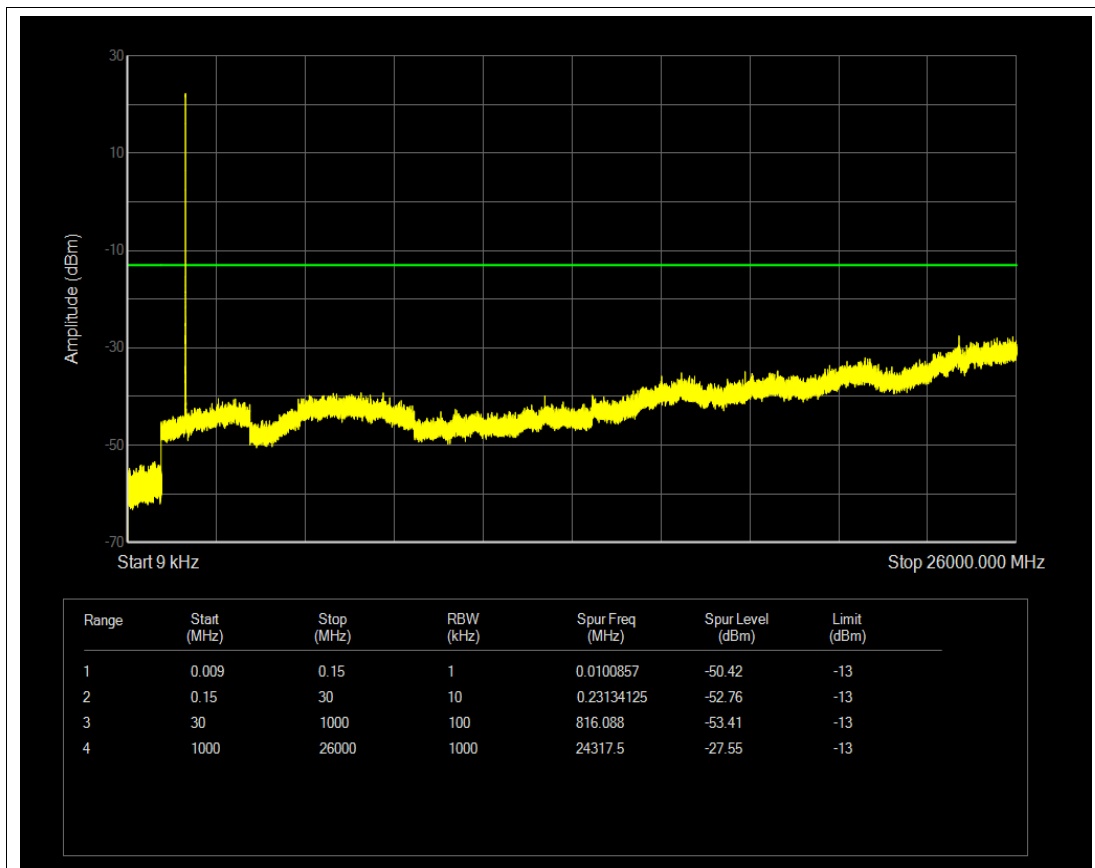
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0



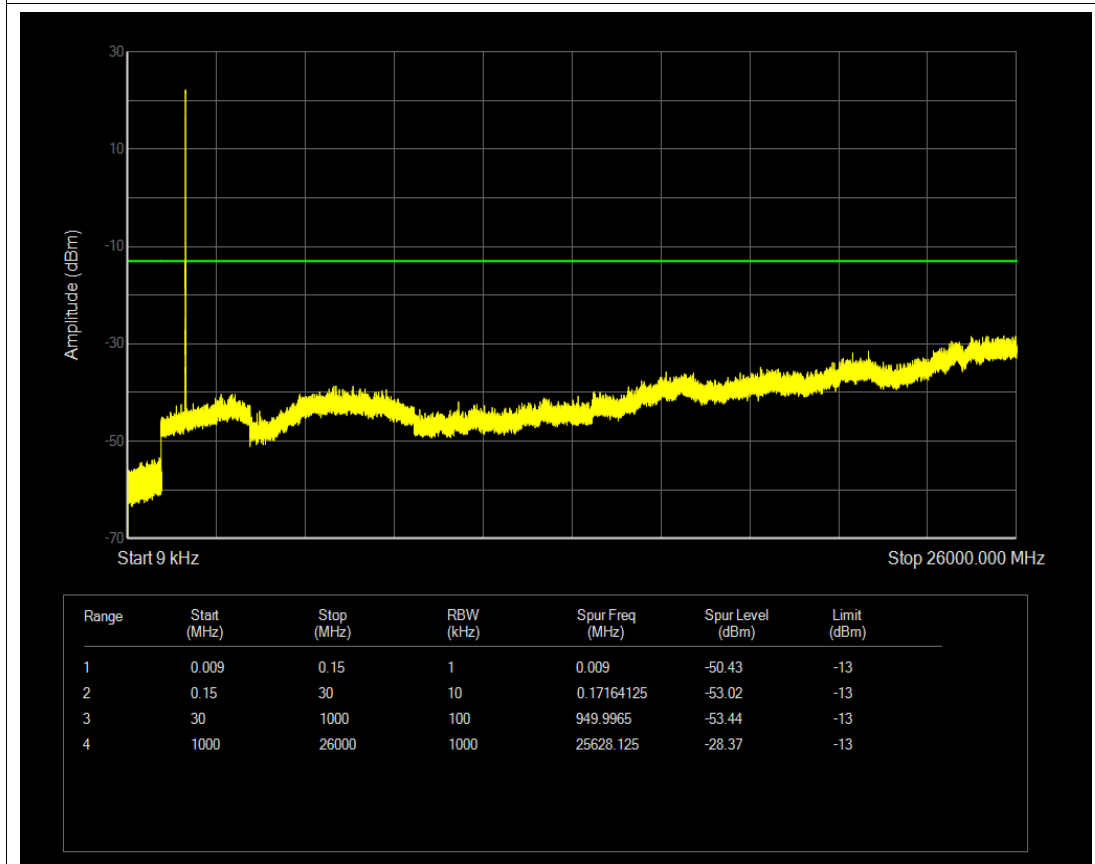
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



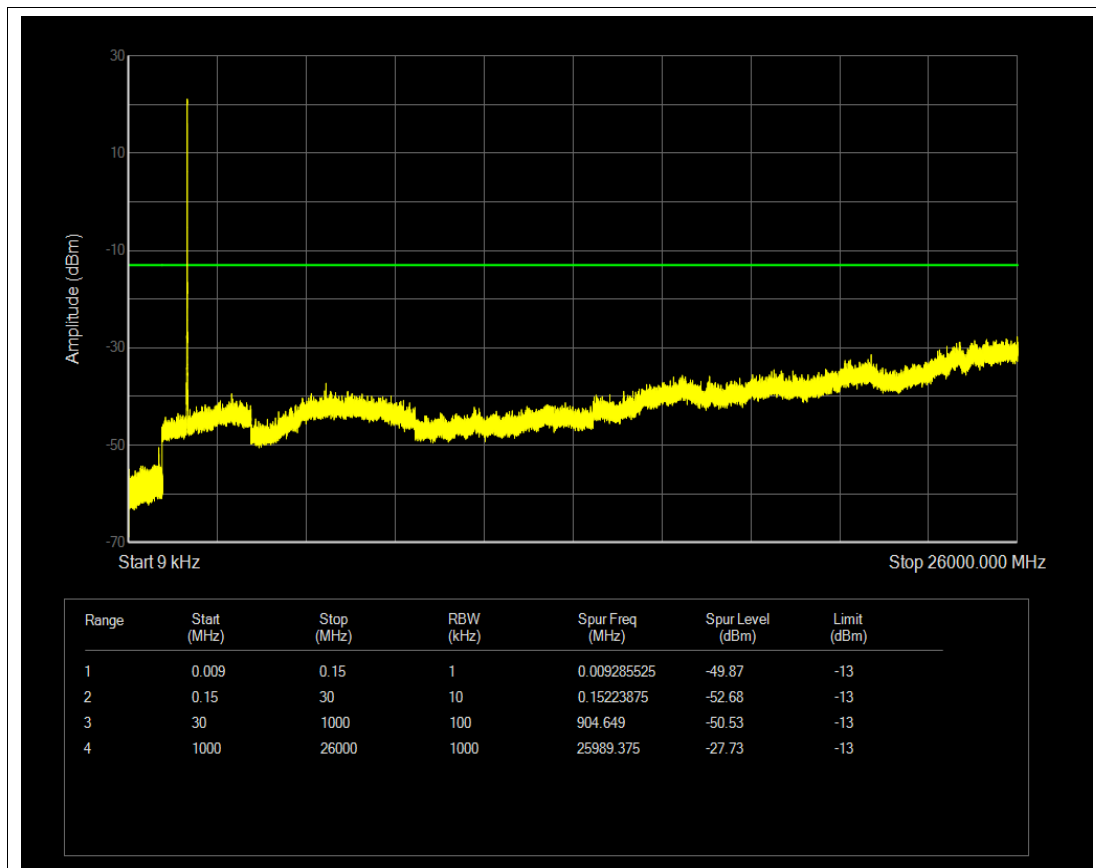
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



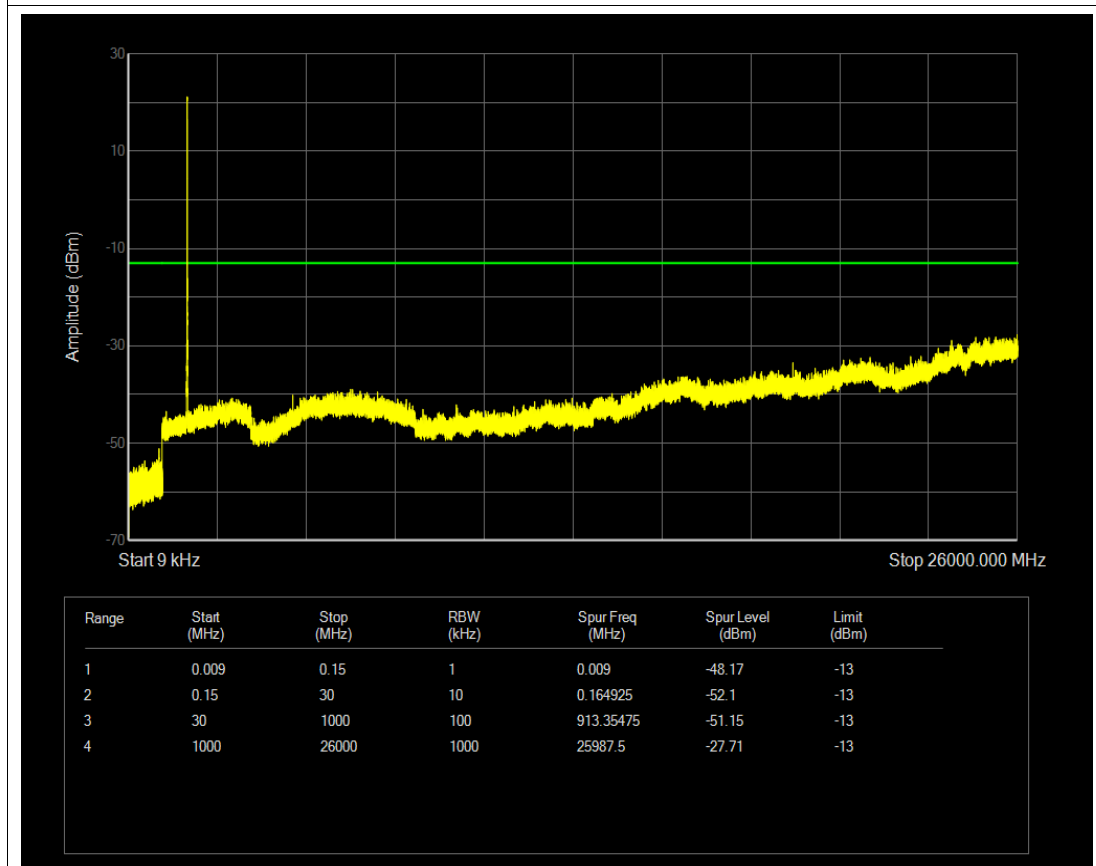
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



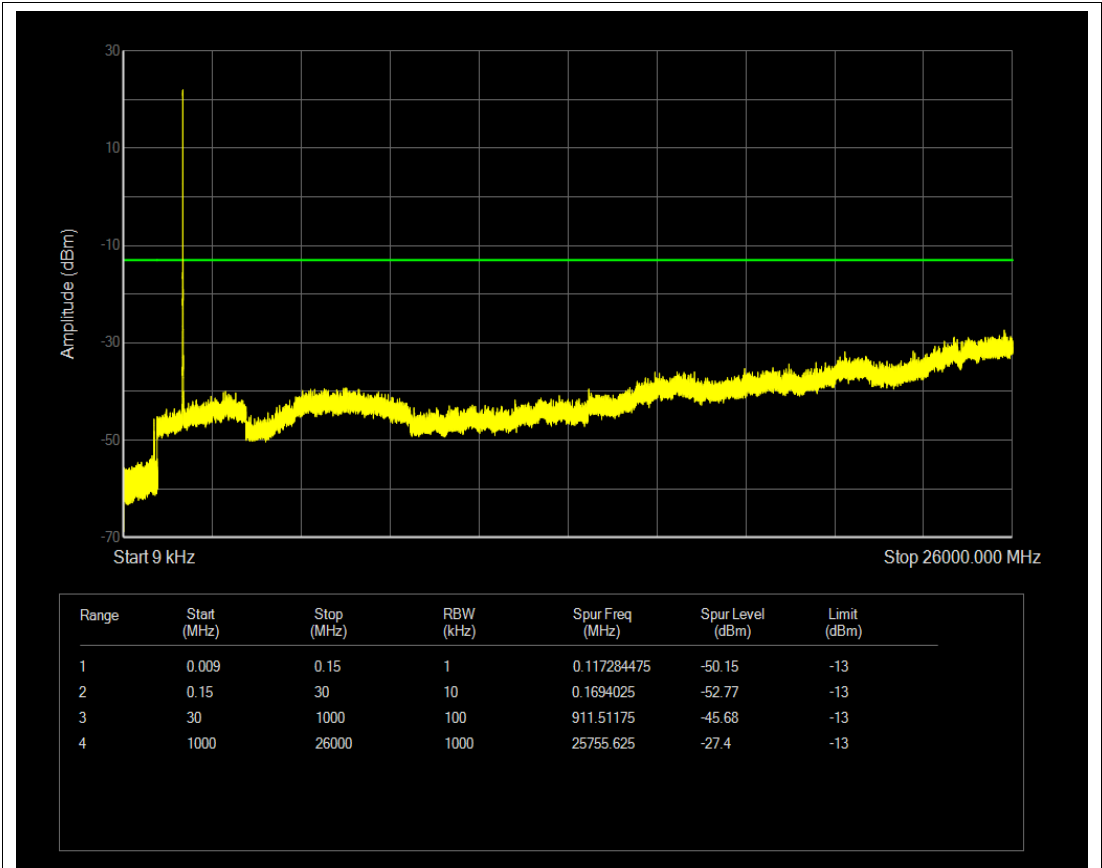
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



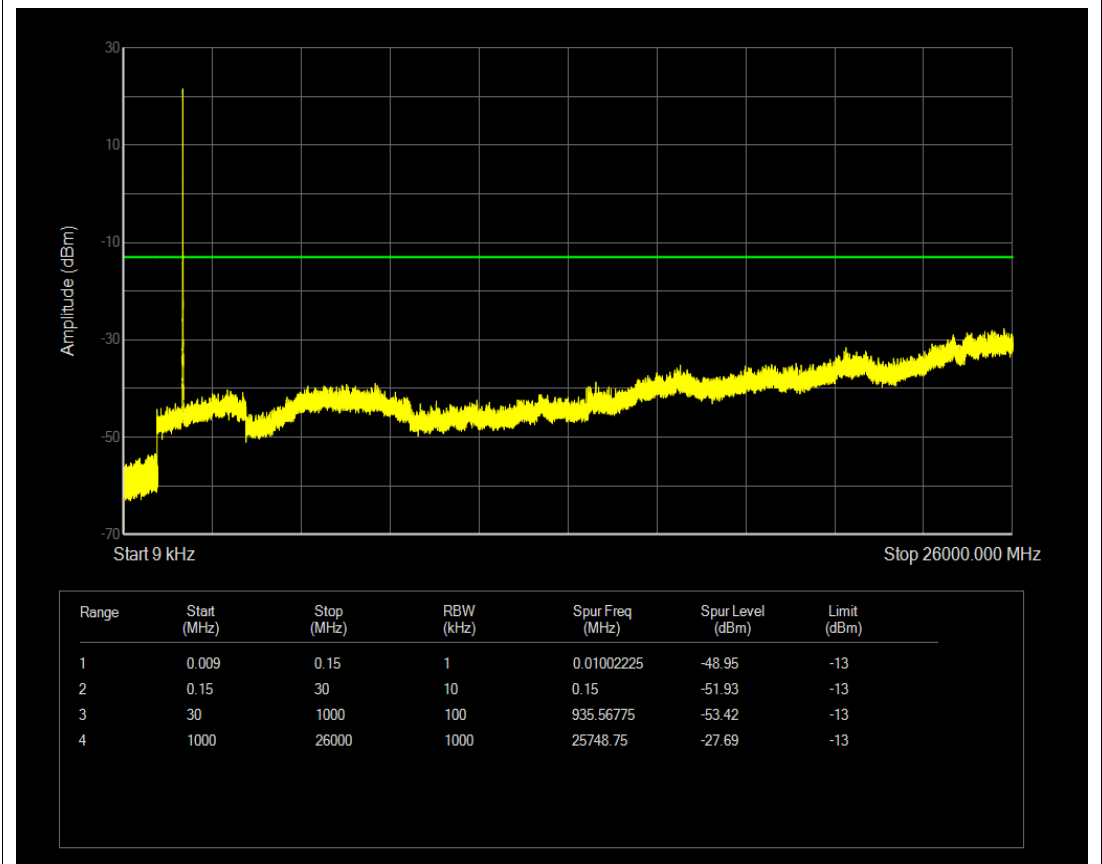
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



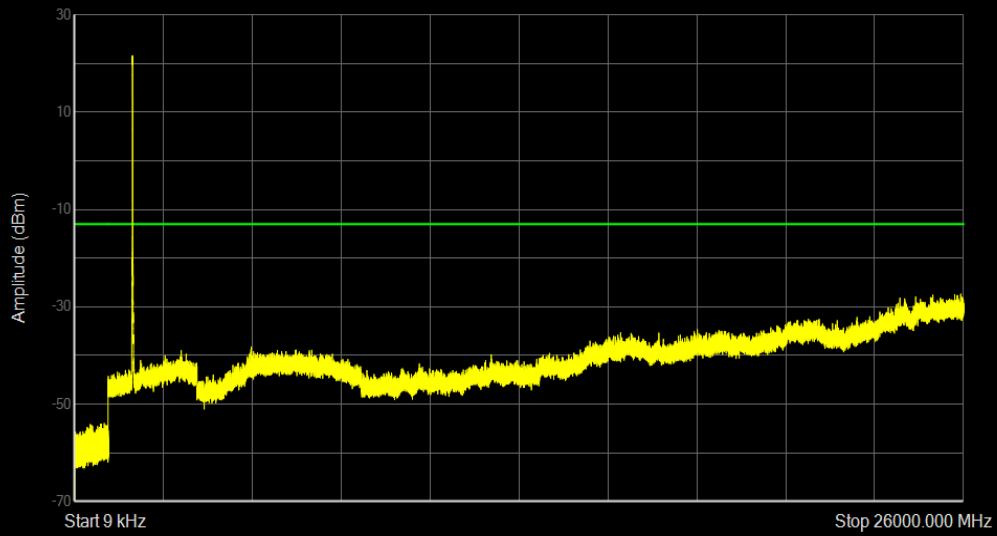
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0



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

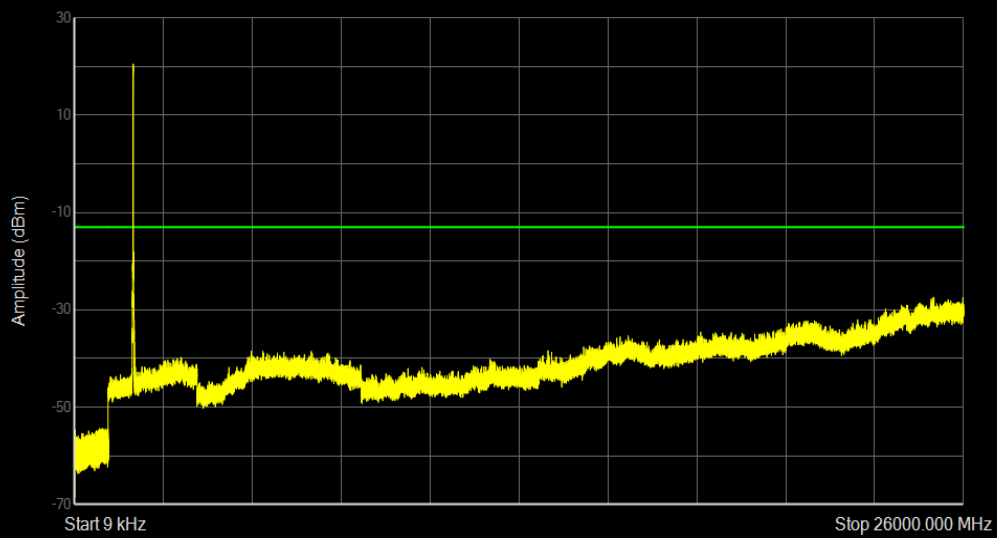


Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



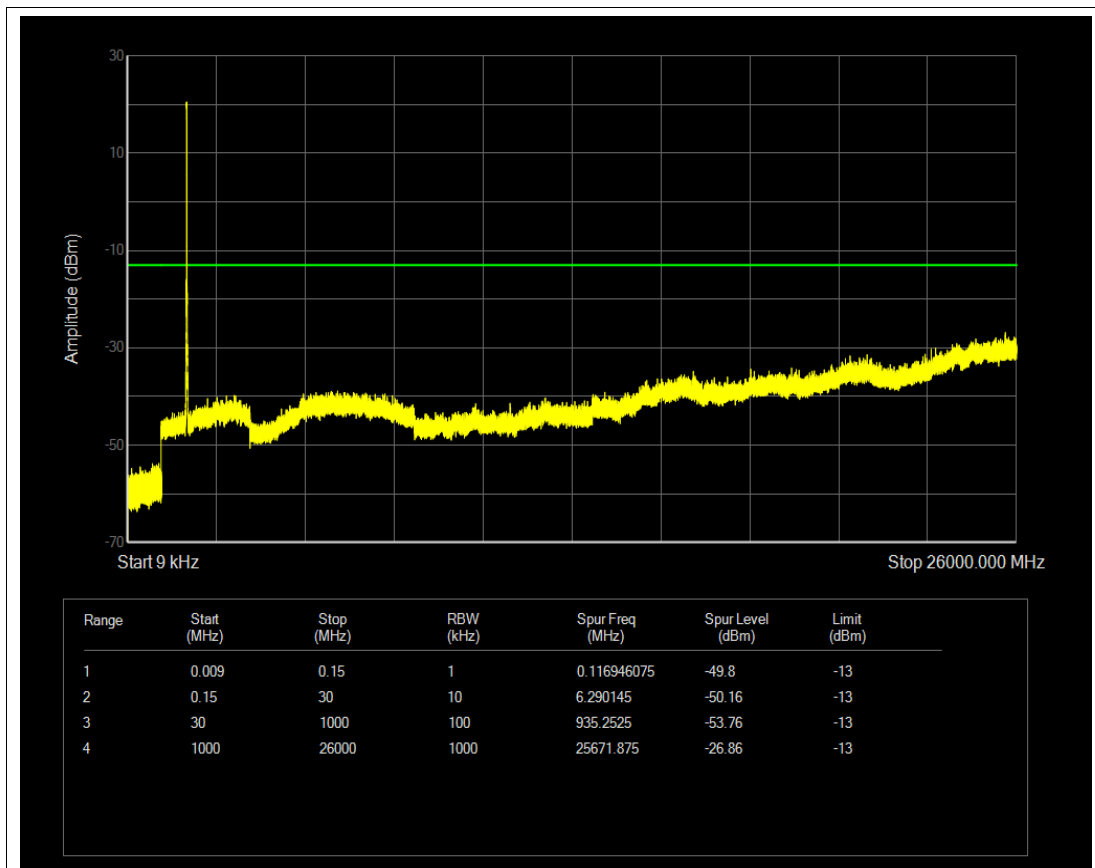
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00931725	-49.69	-13
2	0.15	30	10	6.07821	-50.16	-13
3	30	1000	100	888.741	-53.98	-13
4	1000	26000	1000	25916.25	-27.36	-13

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

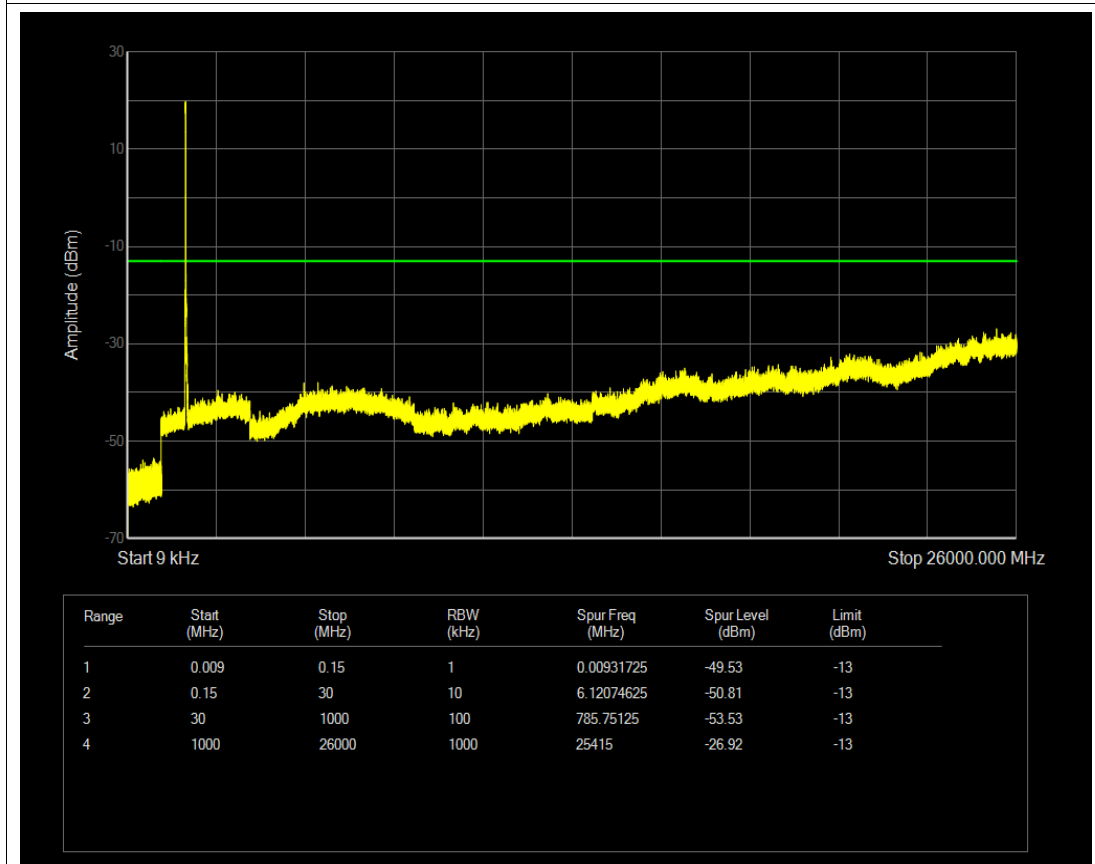


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.115032	-49.58	-13
2	0.15	30	10	6.12671625	-50.88	-13
3	30	1000	100	745.83575	-54.4	-13
4	1000	26000	1000	25134.375	-27.44	-13

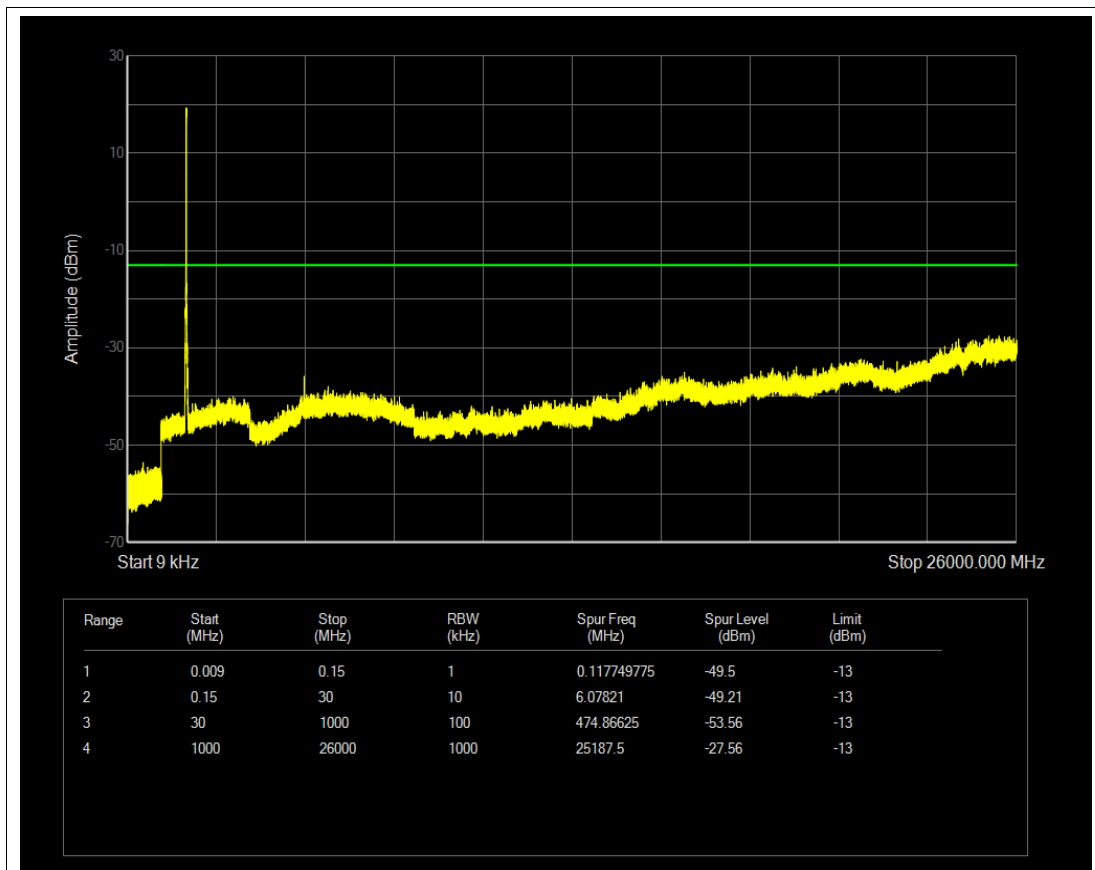
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



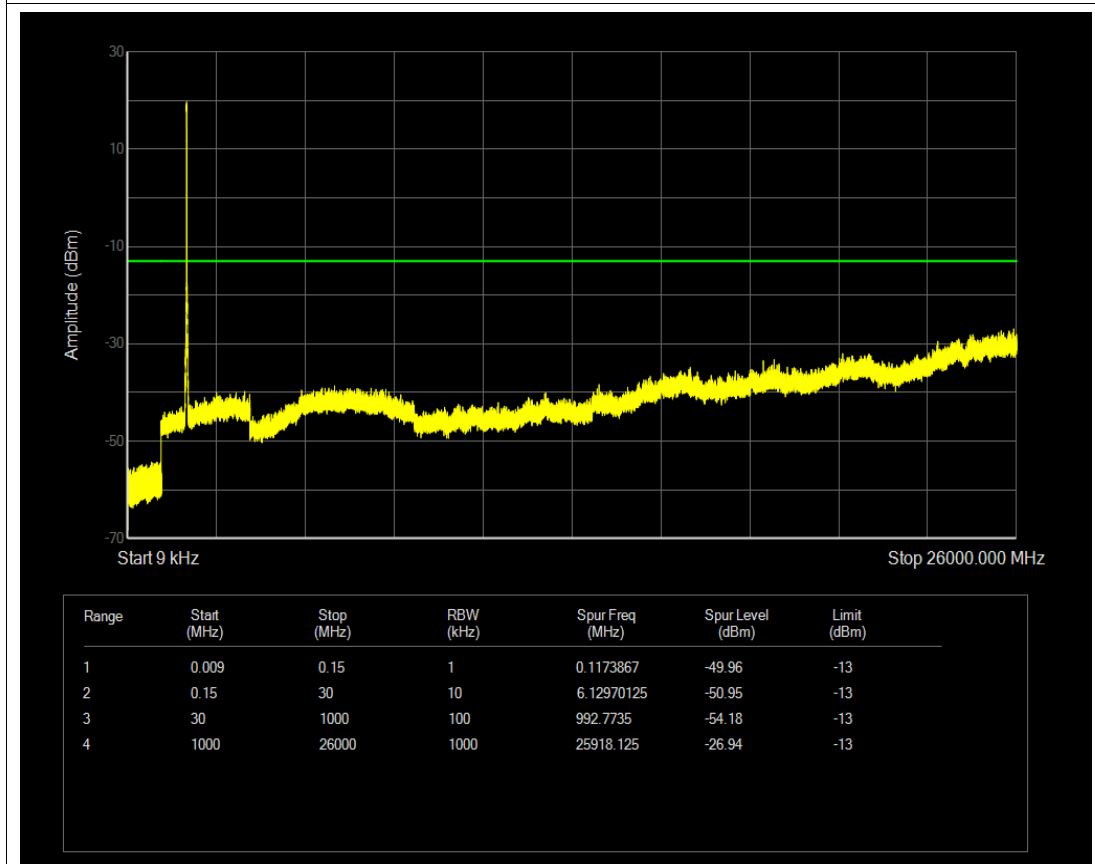
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



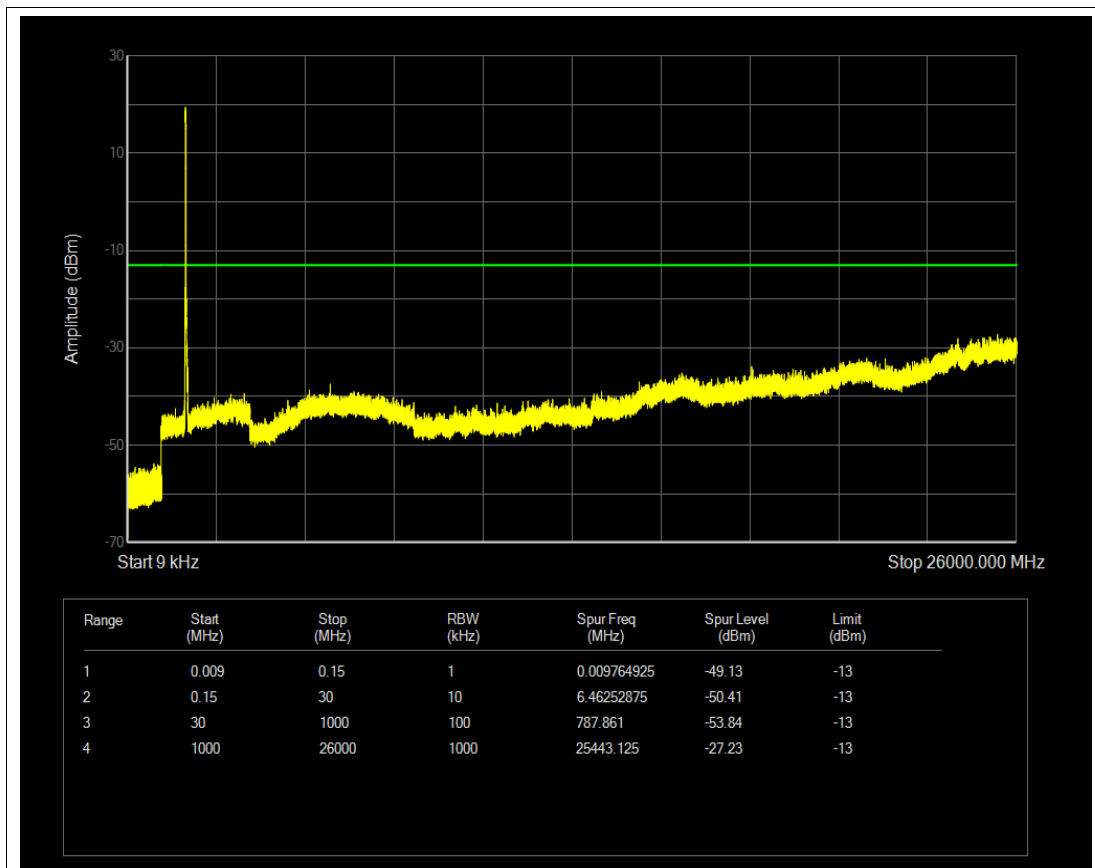
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



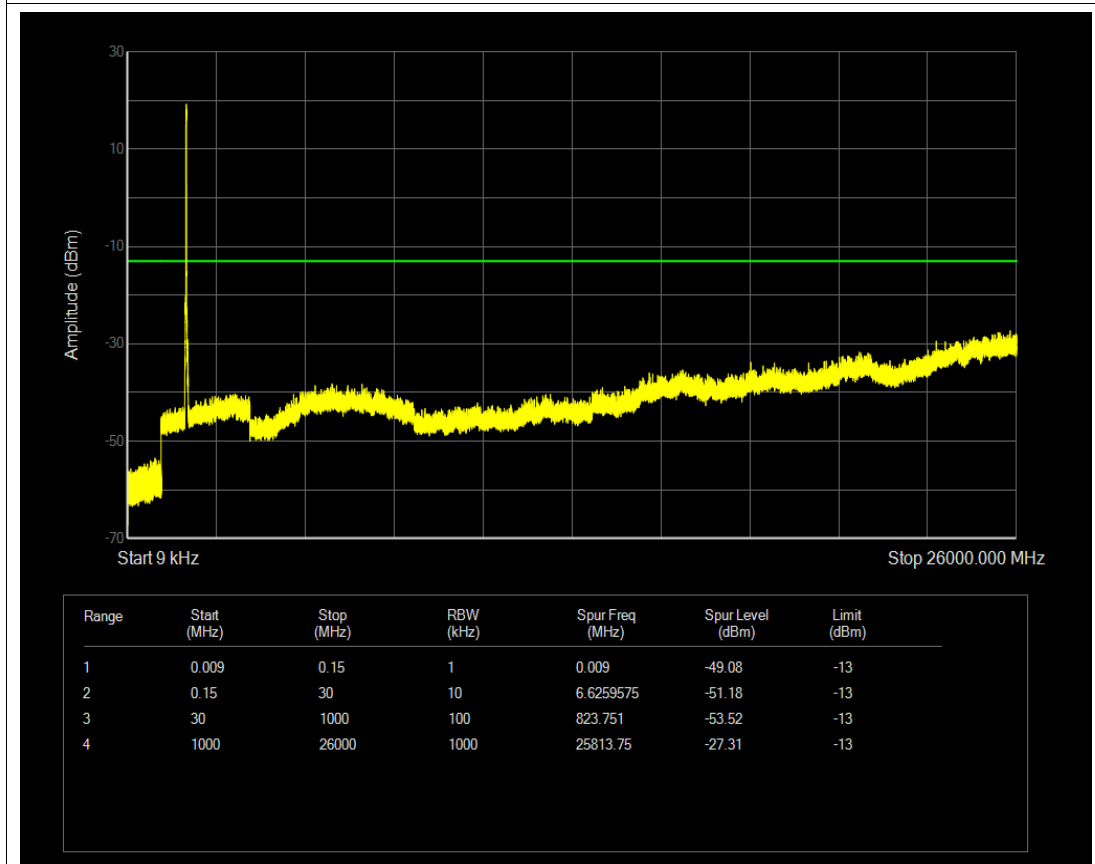
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



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=20MHz Channel=20175 RB Size=100 Position=#0

