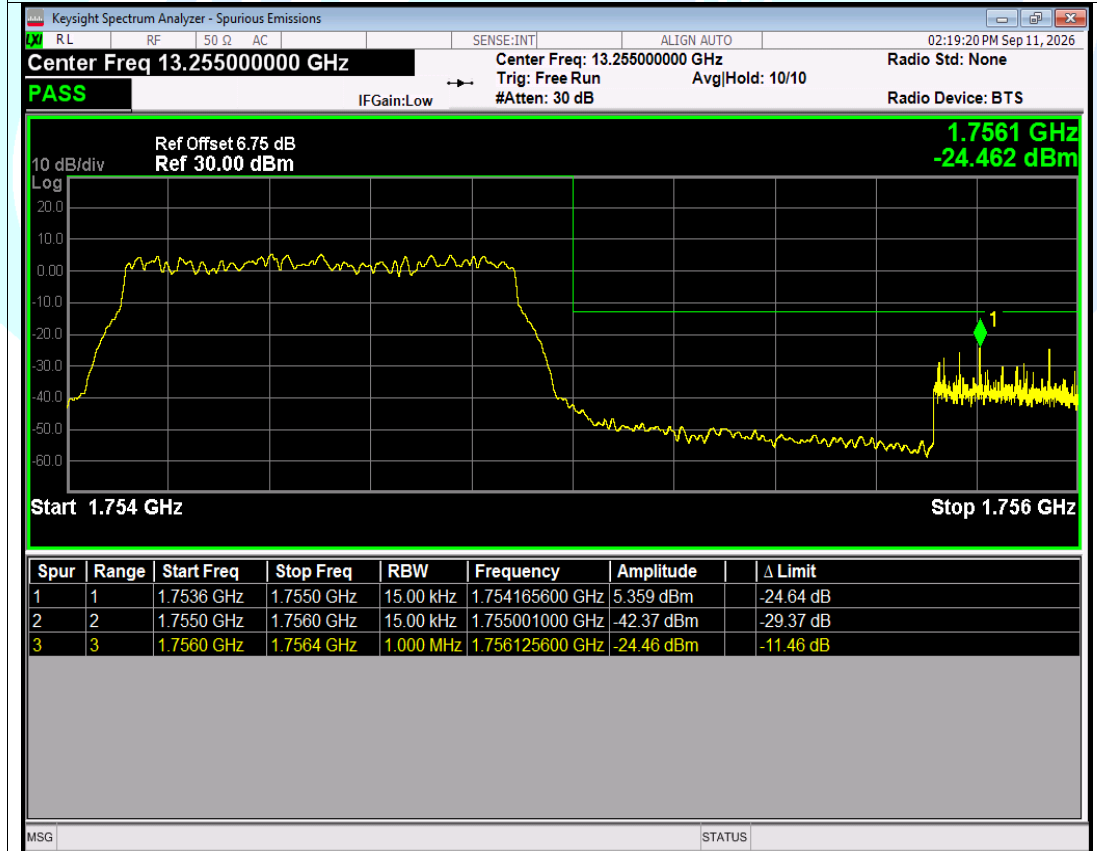
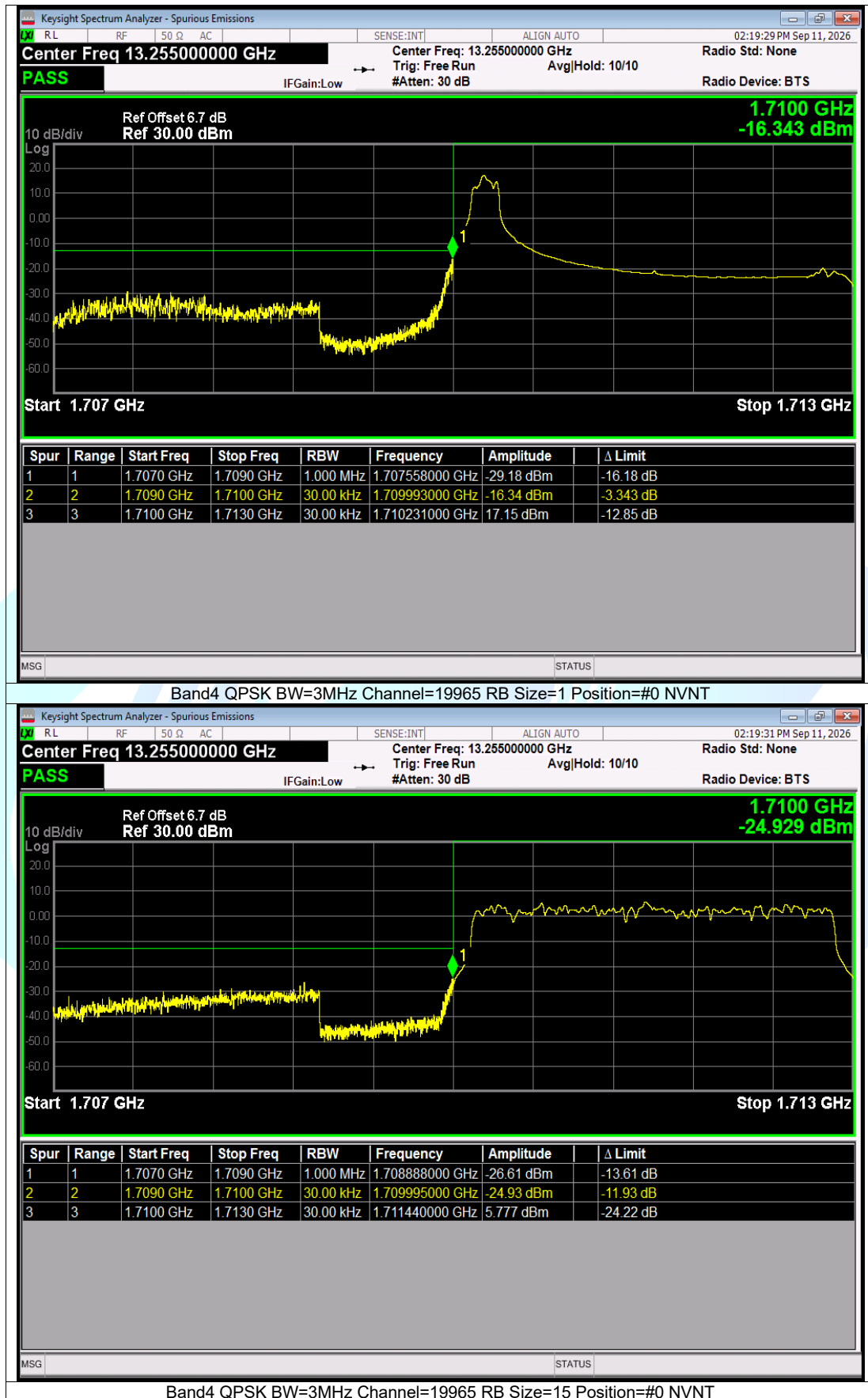


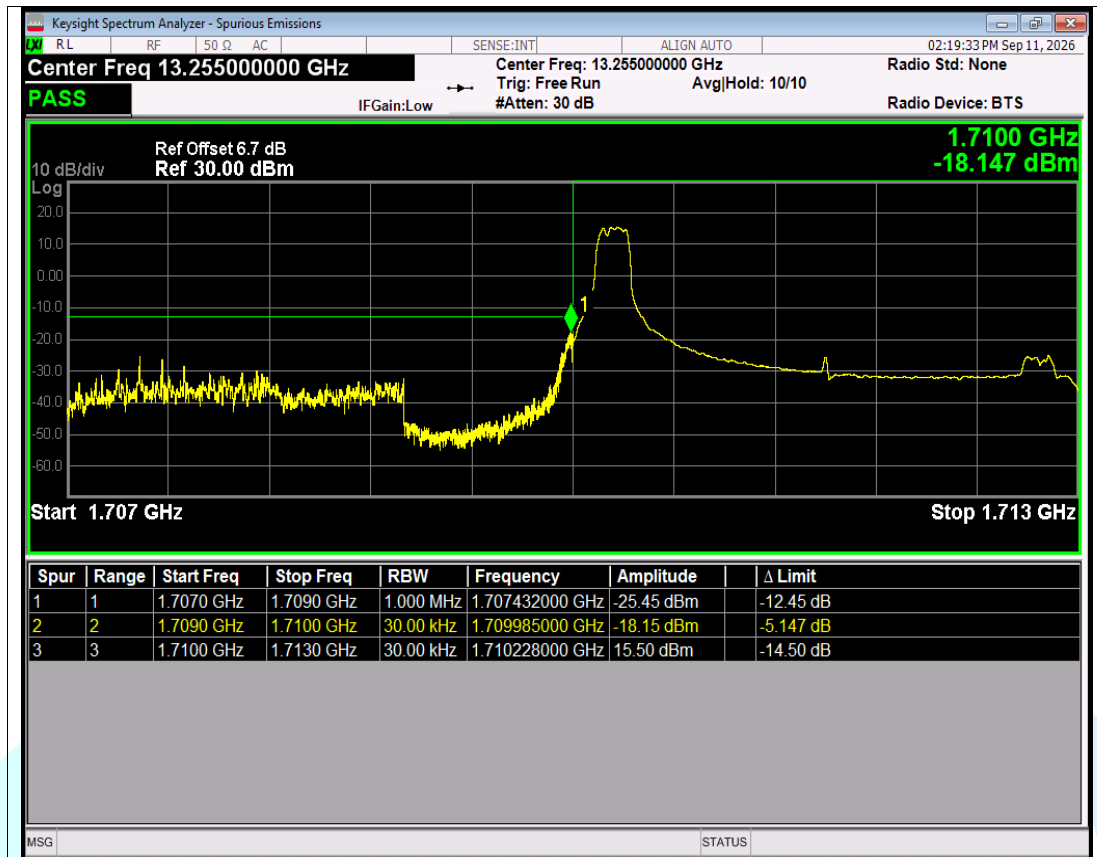


Band4 16QAM BW=1.4MHz Channel=20393 RB Size=1 Position=#Max NVNT

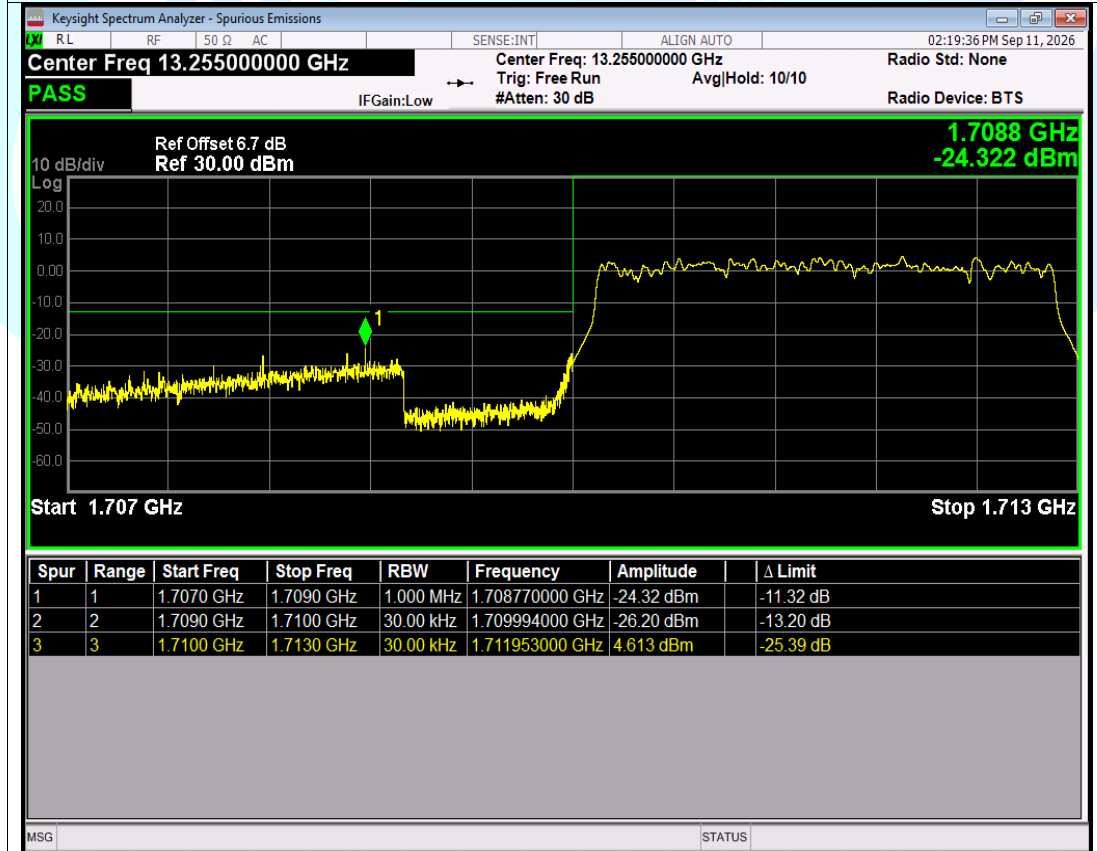


Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0 NVNT

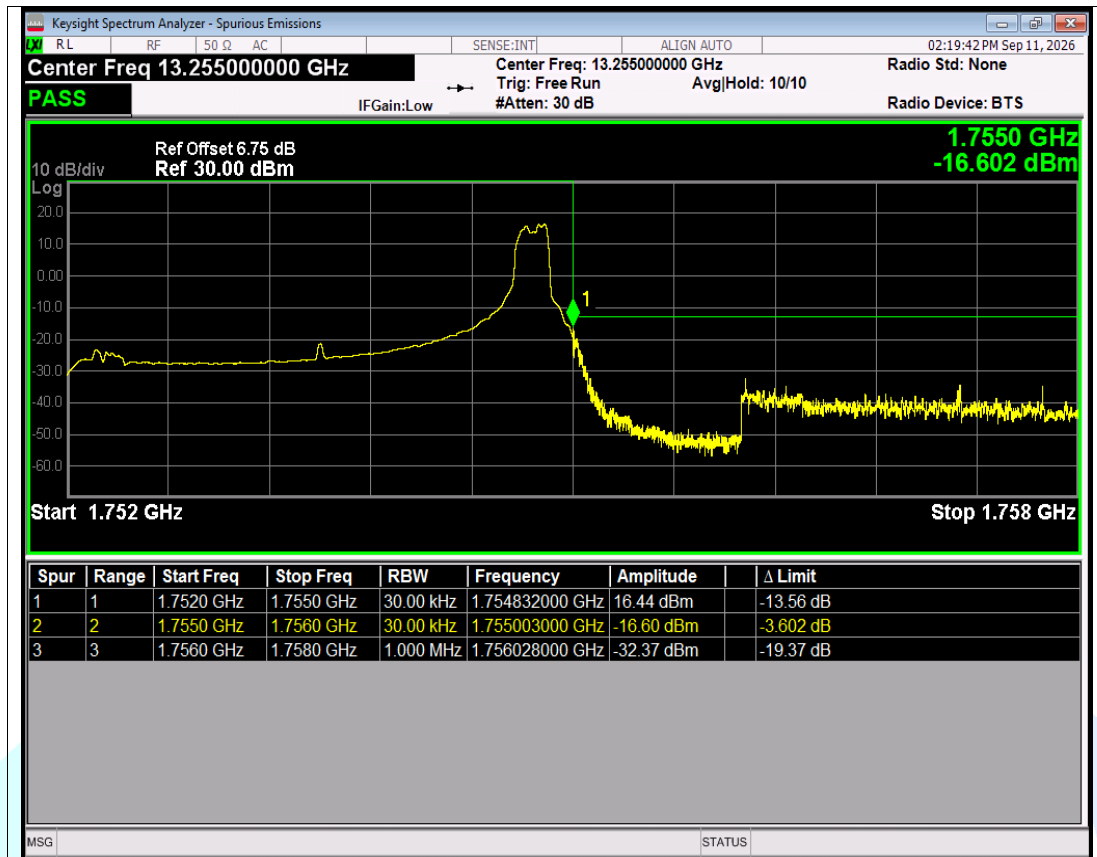




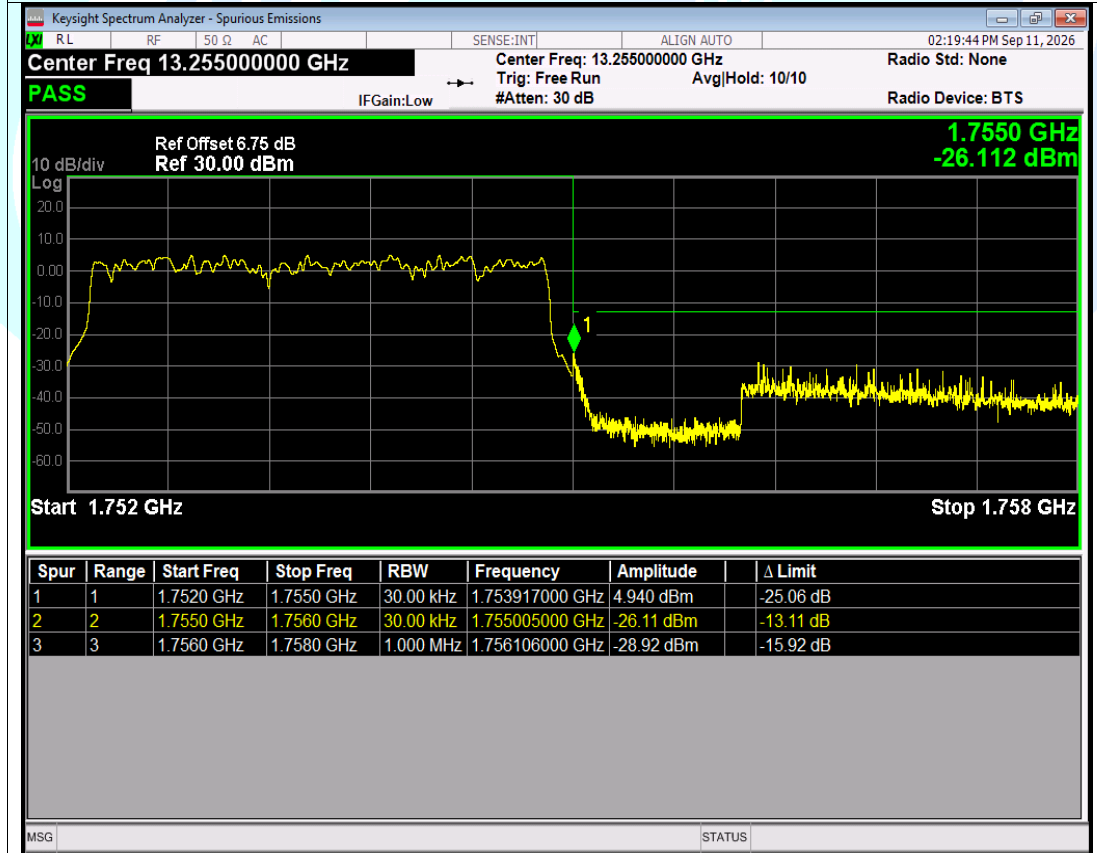
Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#0 NVNT



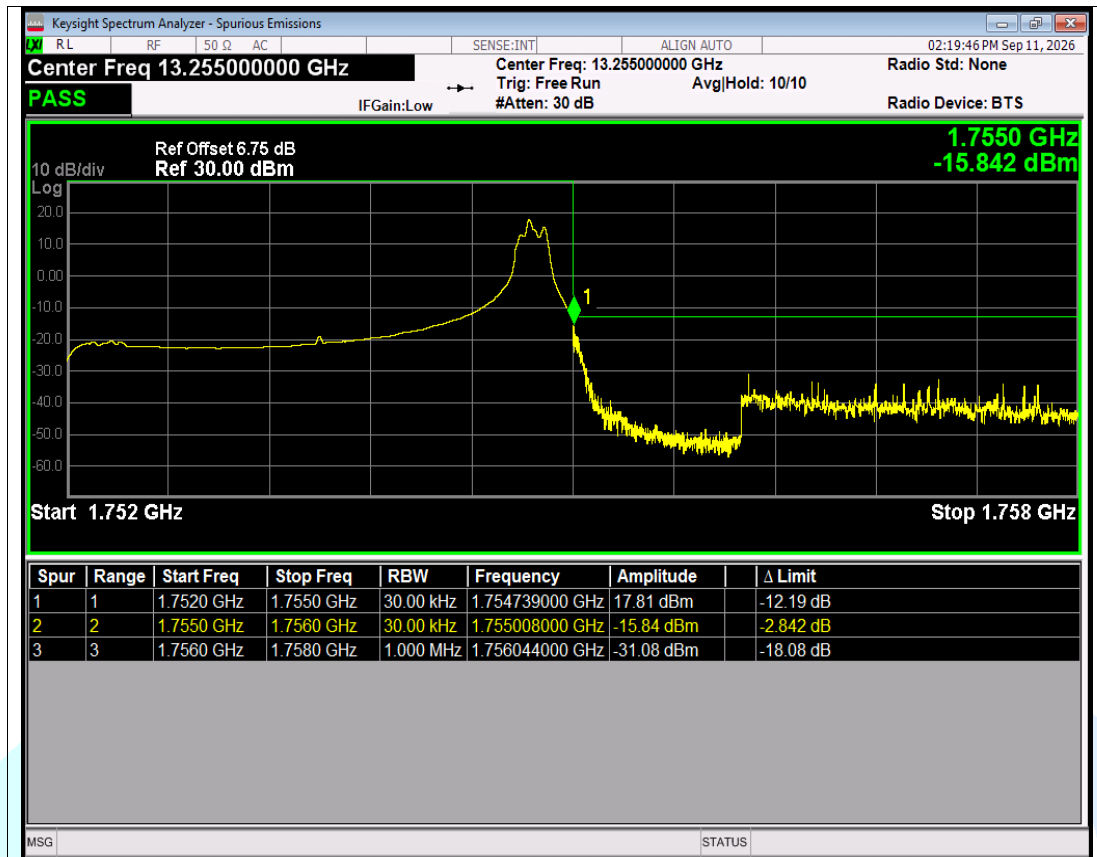
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0 NVNT



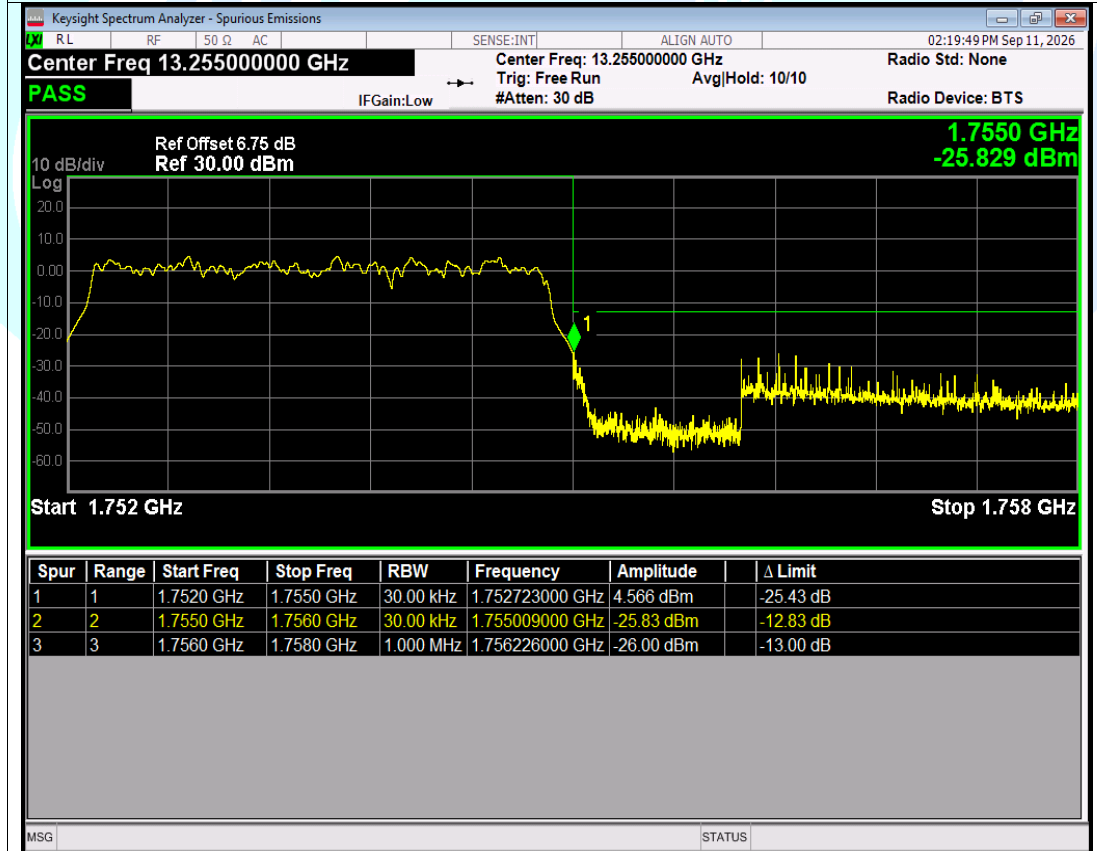
Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#Max NVNT



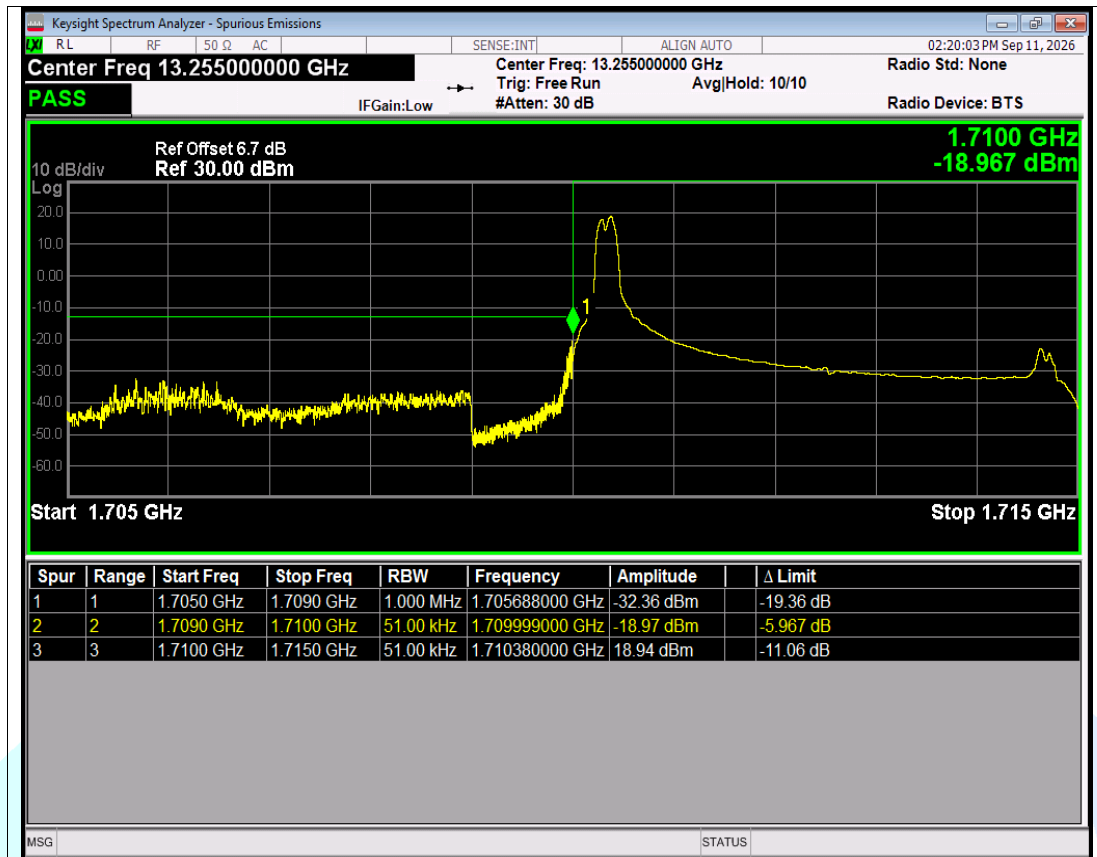
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT



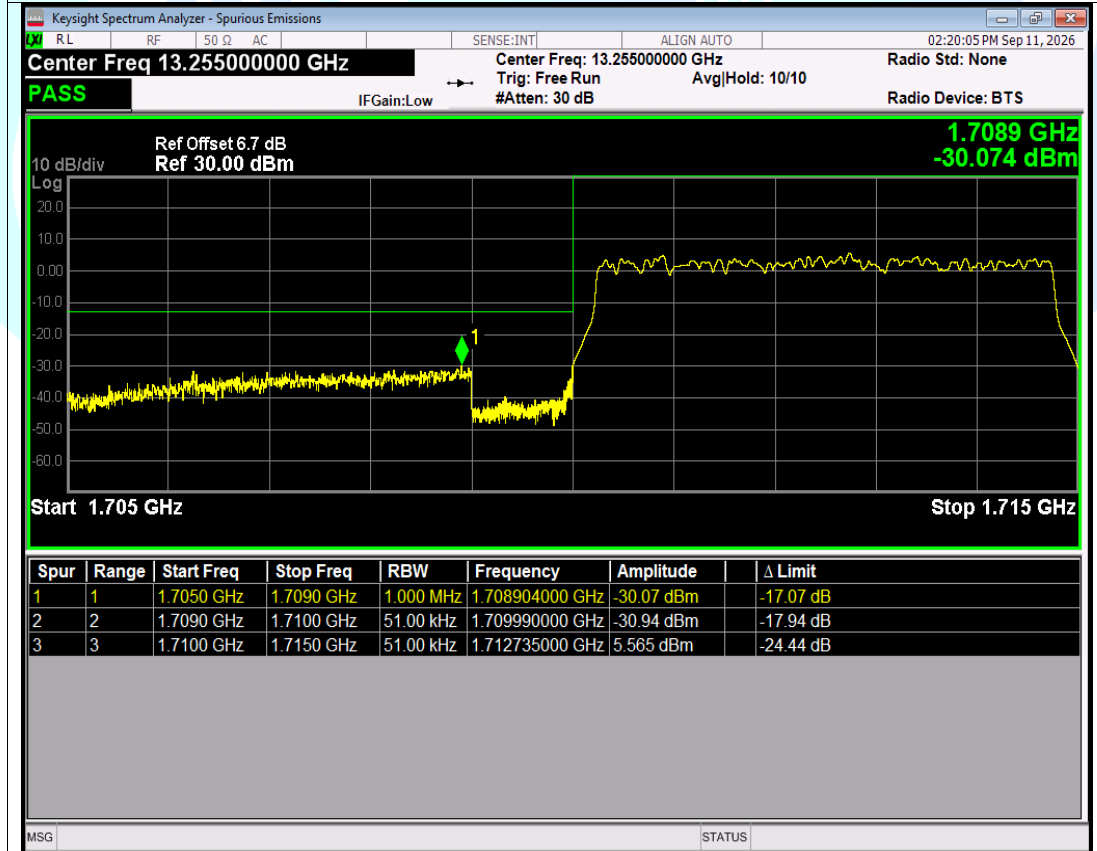
Band4 16QAM BW=3MHz Channel=20385 RB Size=1 Position=#Max NVNT



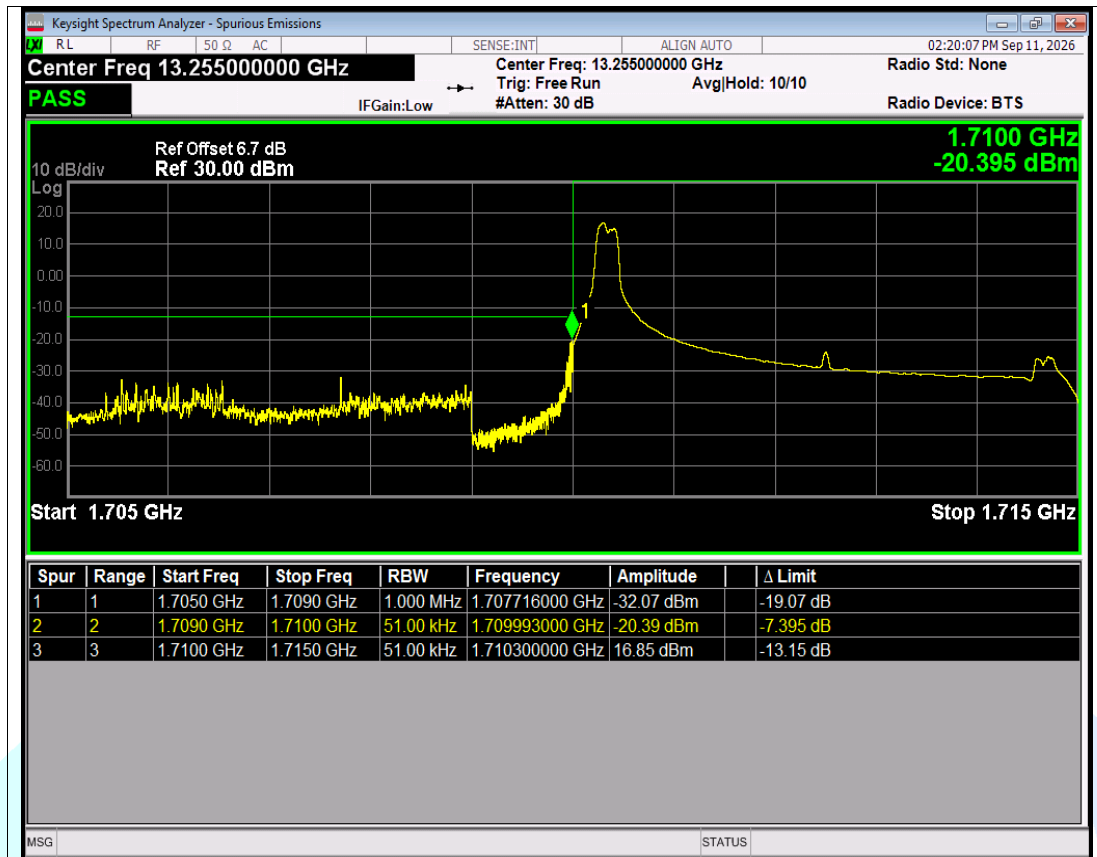
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT



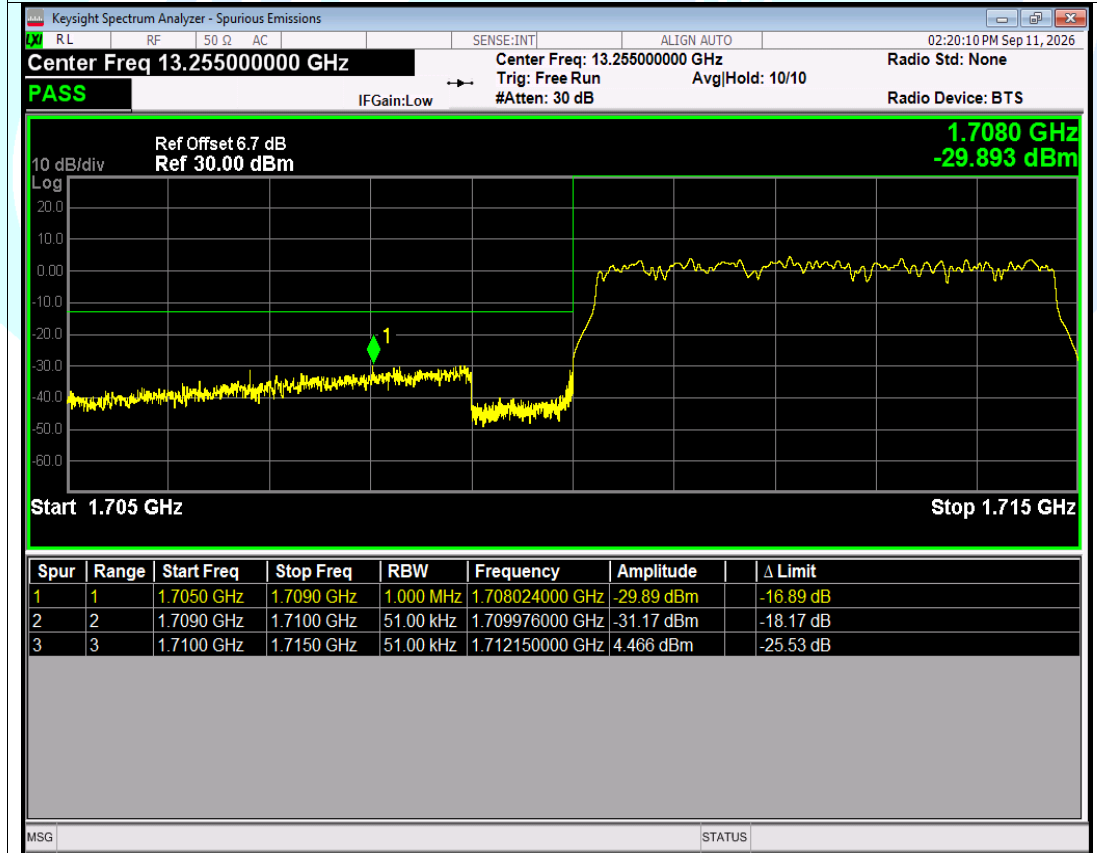
Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0 NVNT



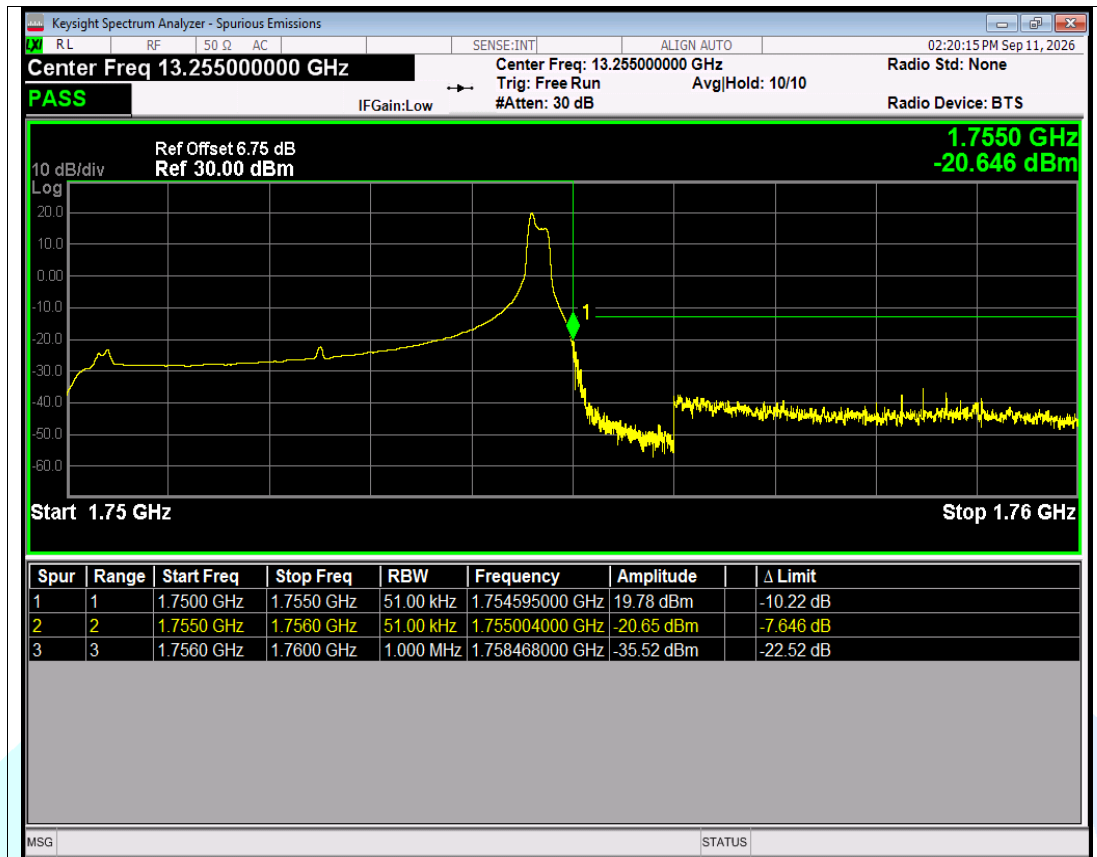
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT



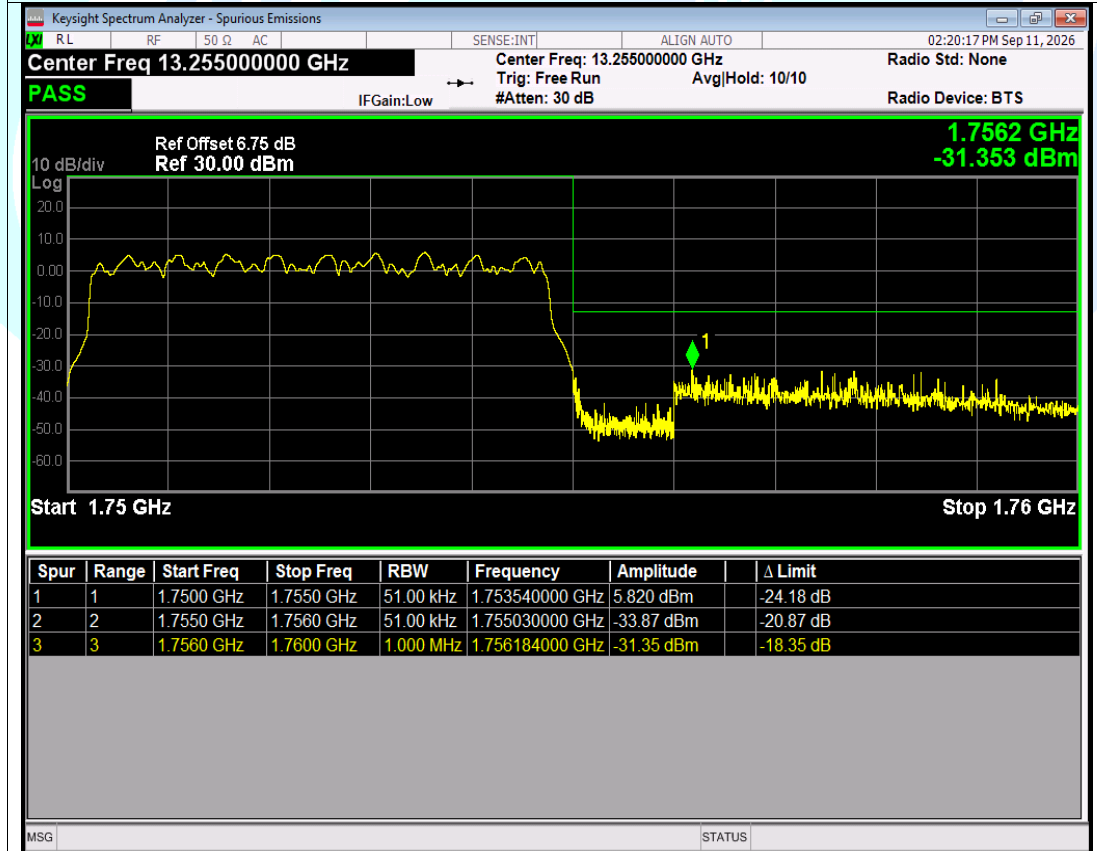
Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#0 NVNT



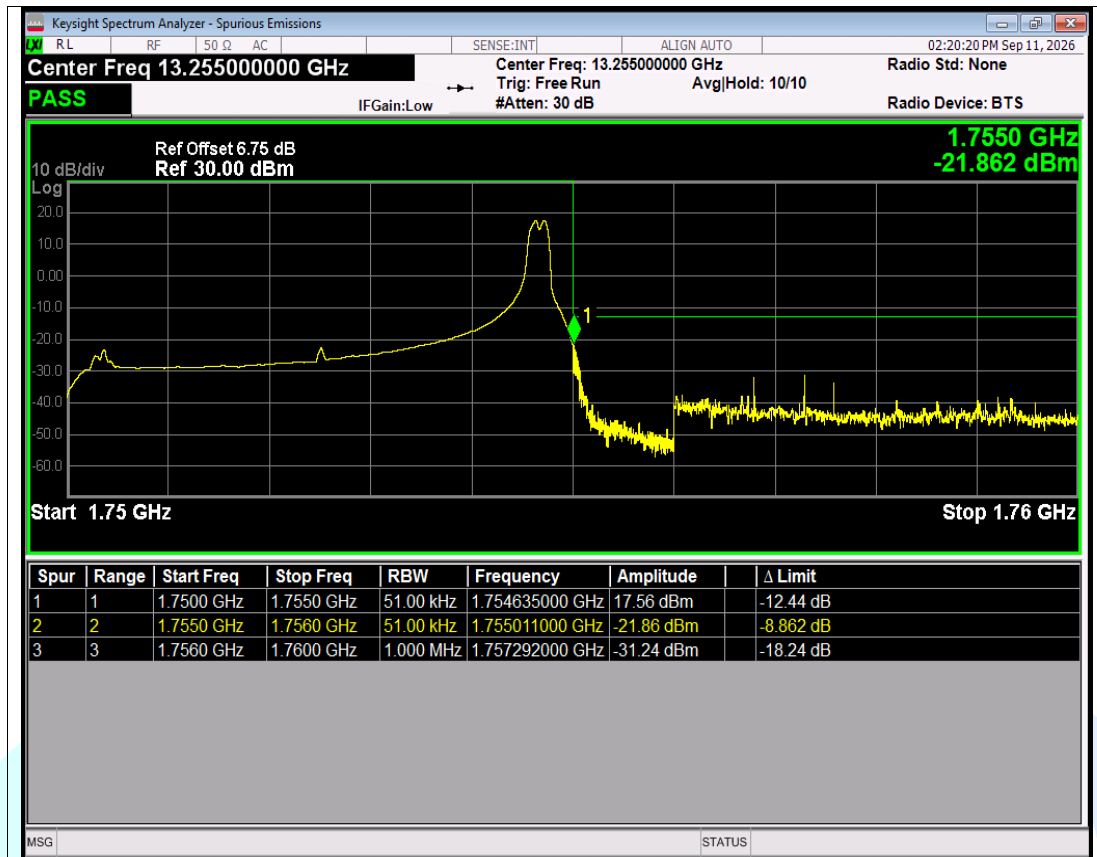
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT



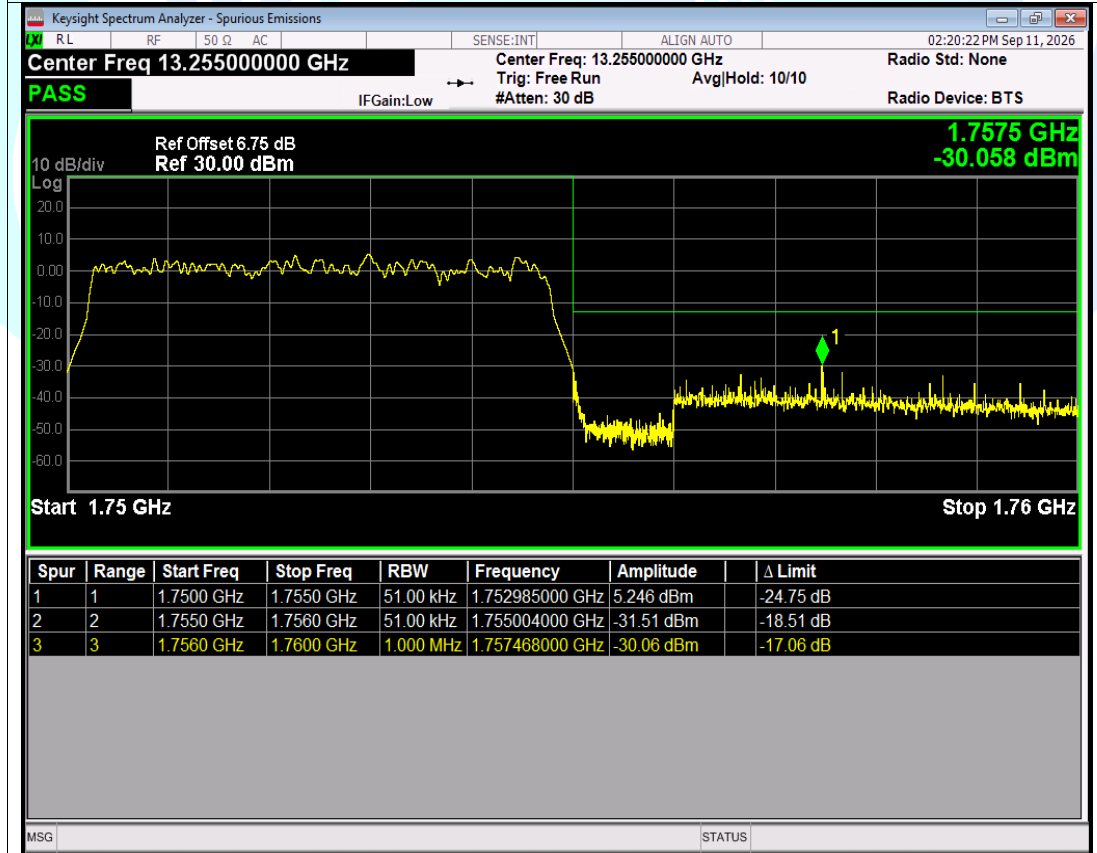
Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#Max NVNT



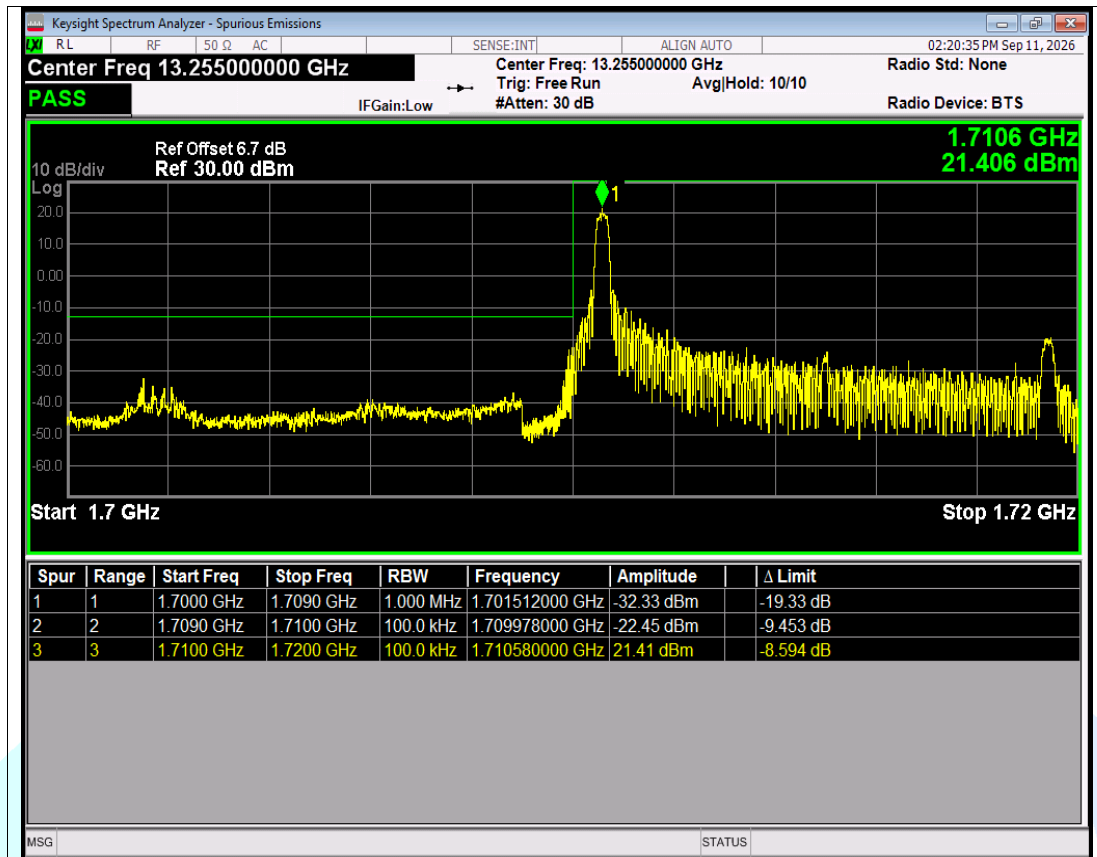
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0 NVNT



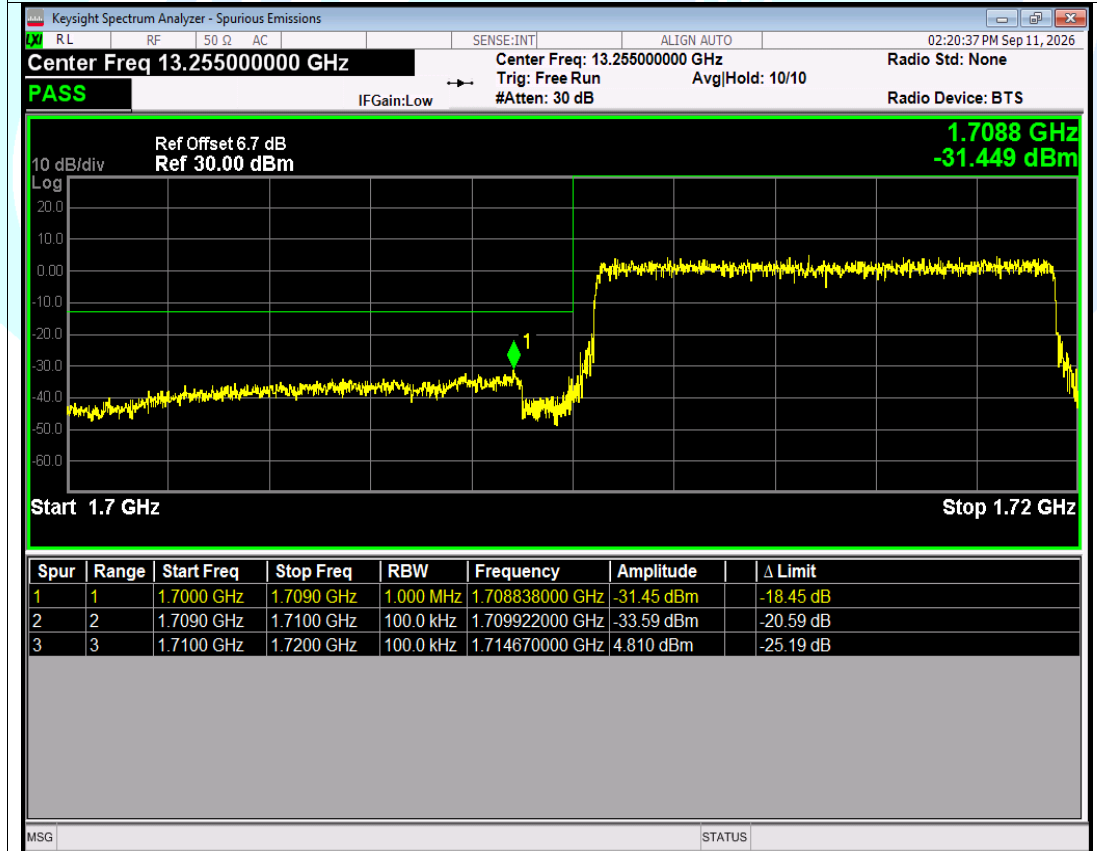
Band4 16QAM BW=5MHz Channel=20375 RB Size=1 Position=#Max NVNT



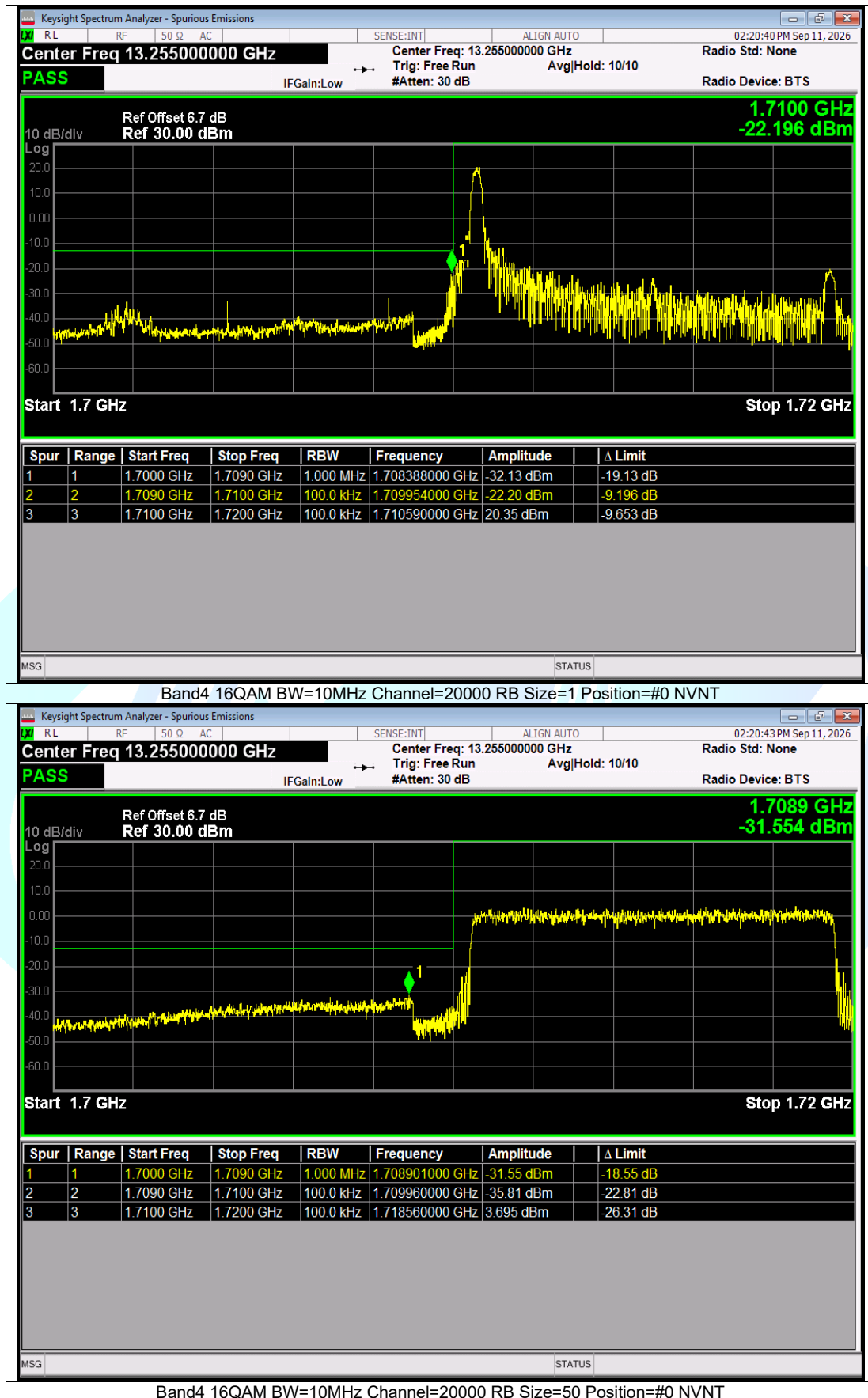
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0 NVNT

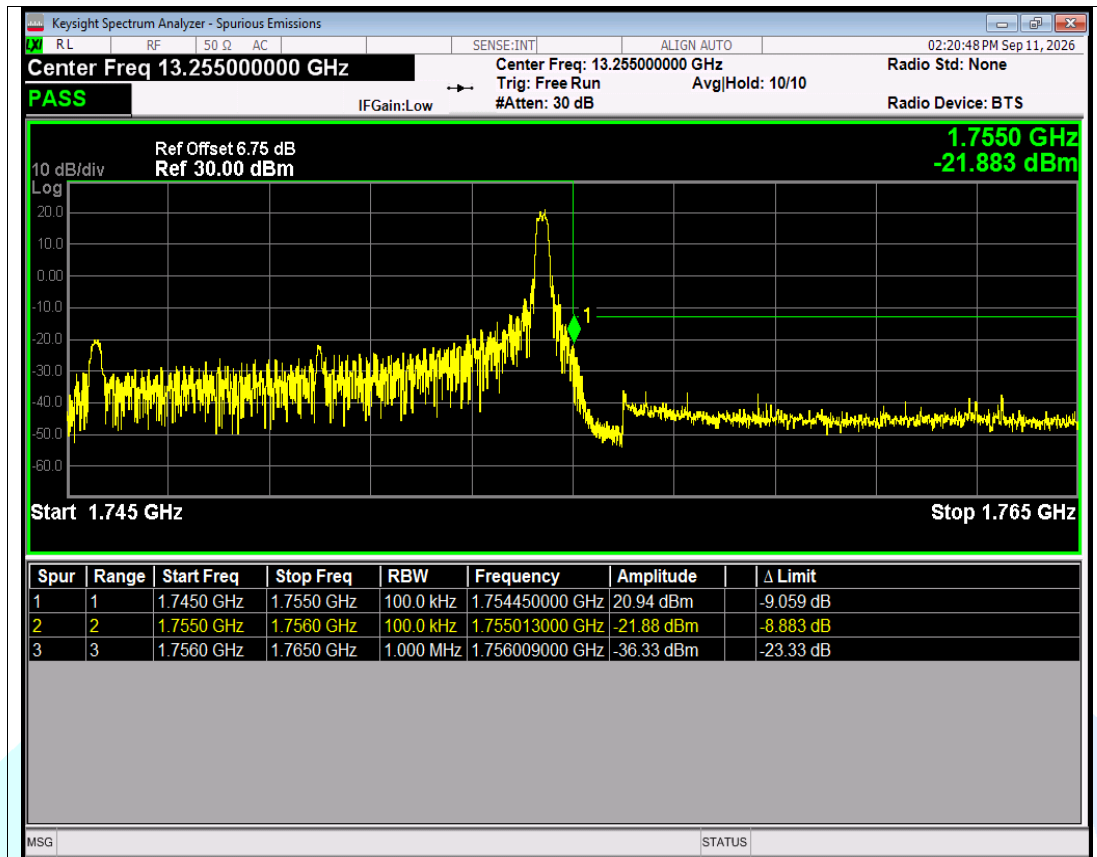


Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0 NVNT

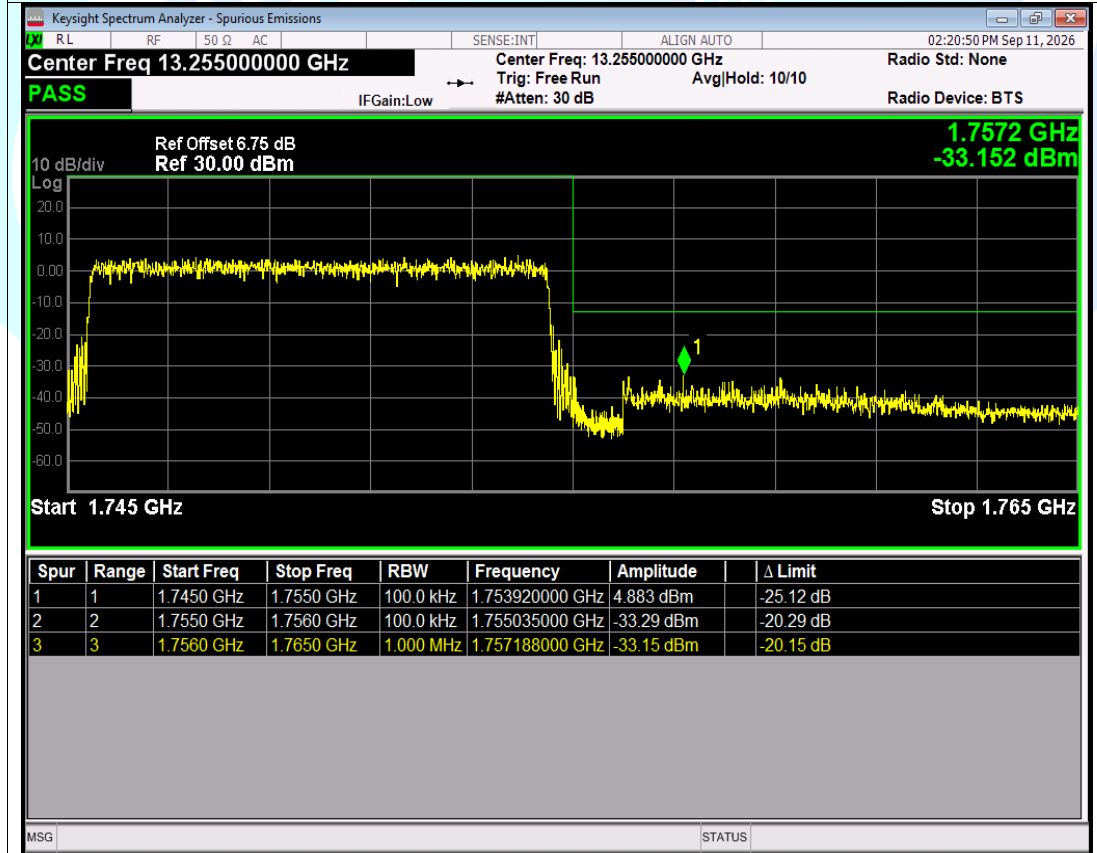


Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT

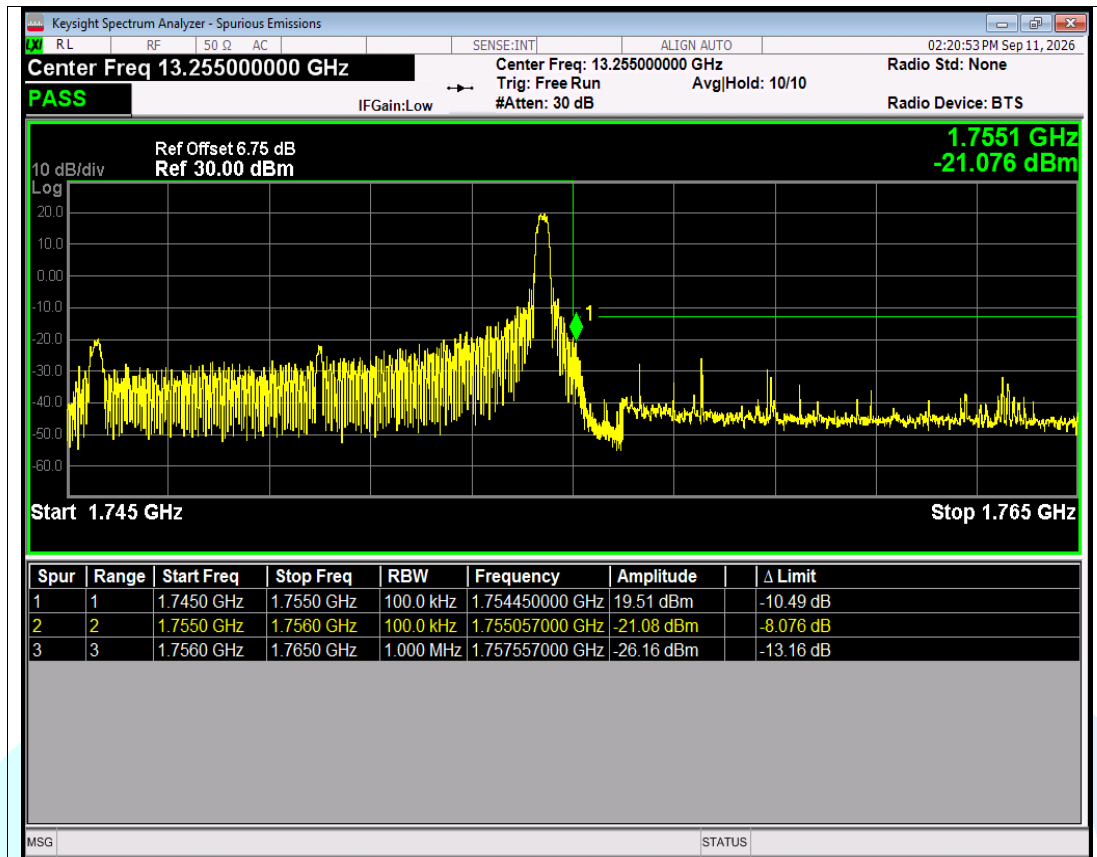




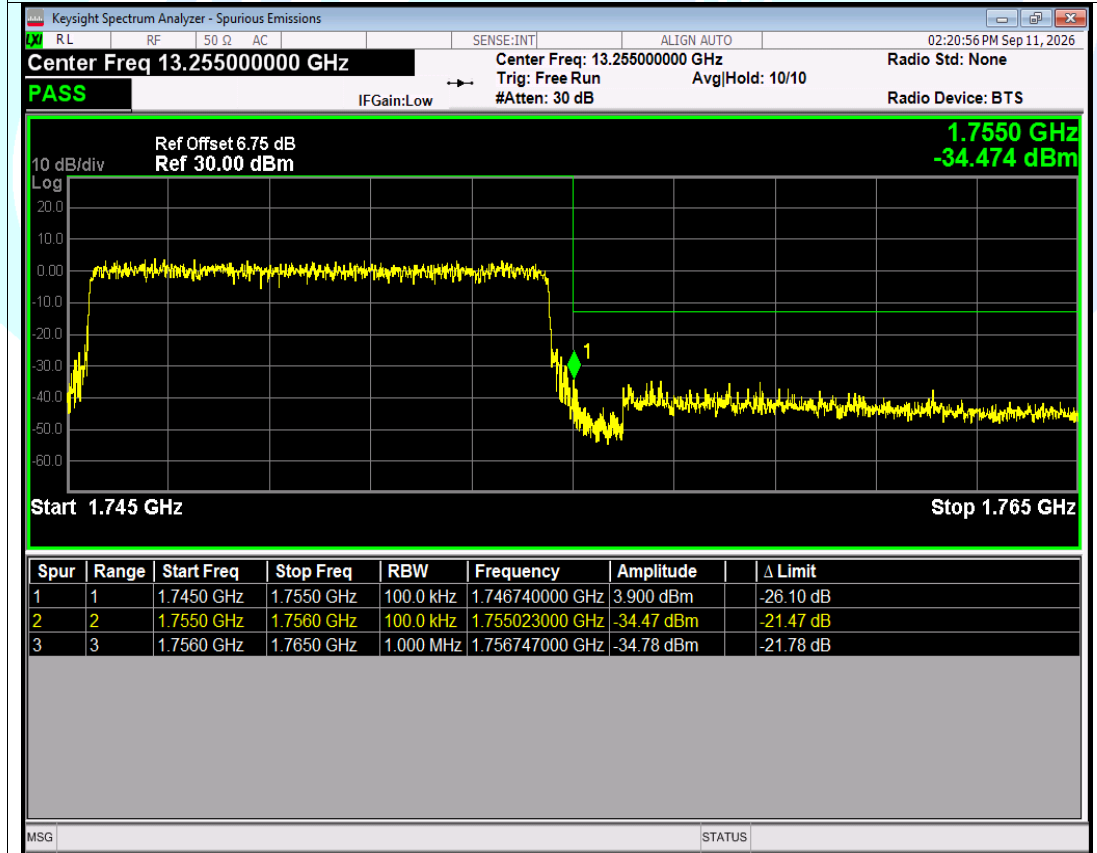
Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#Max NVNT



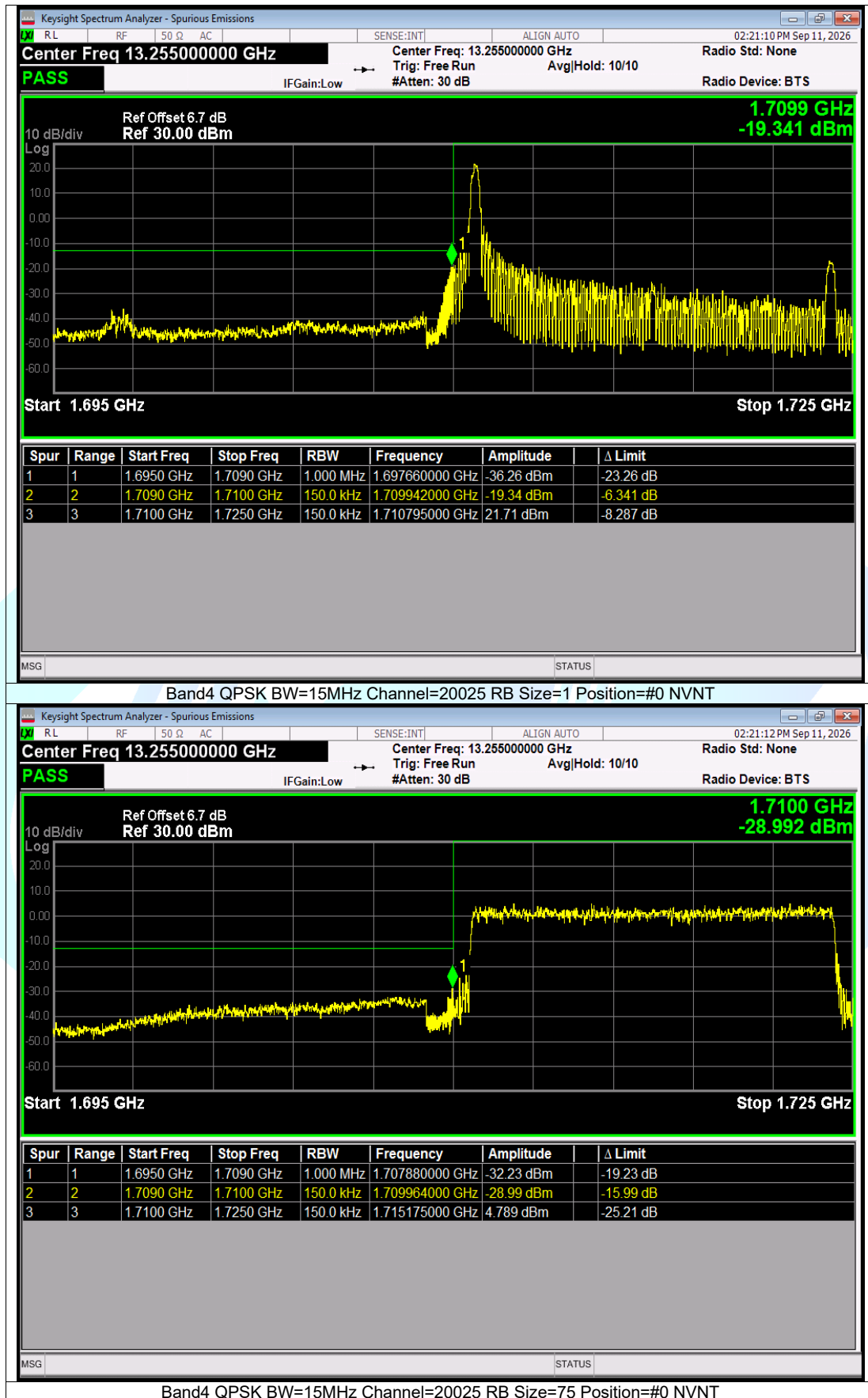
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0 NVNT

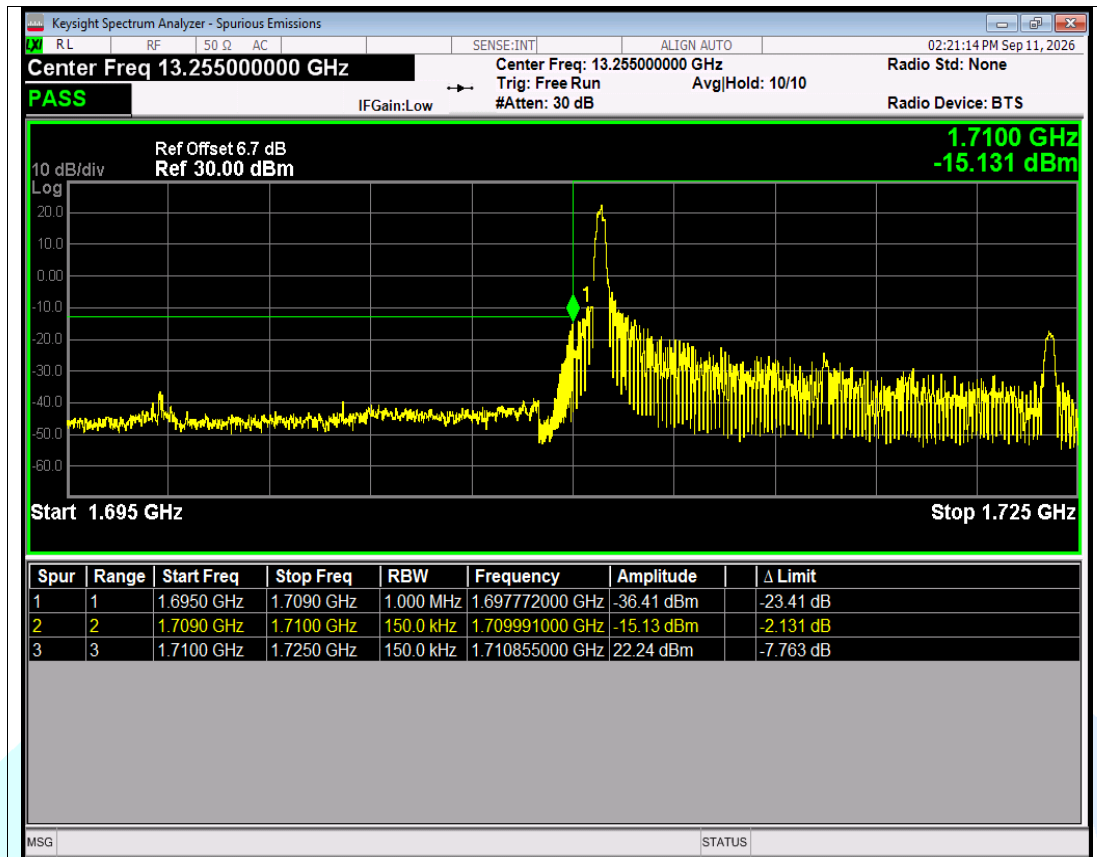


Band4 16QAM BW=10MHz Channel=20350 RB Size=1 Position=#Max NVNT

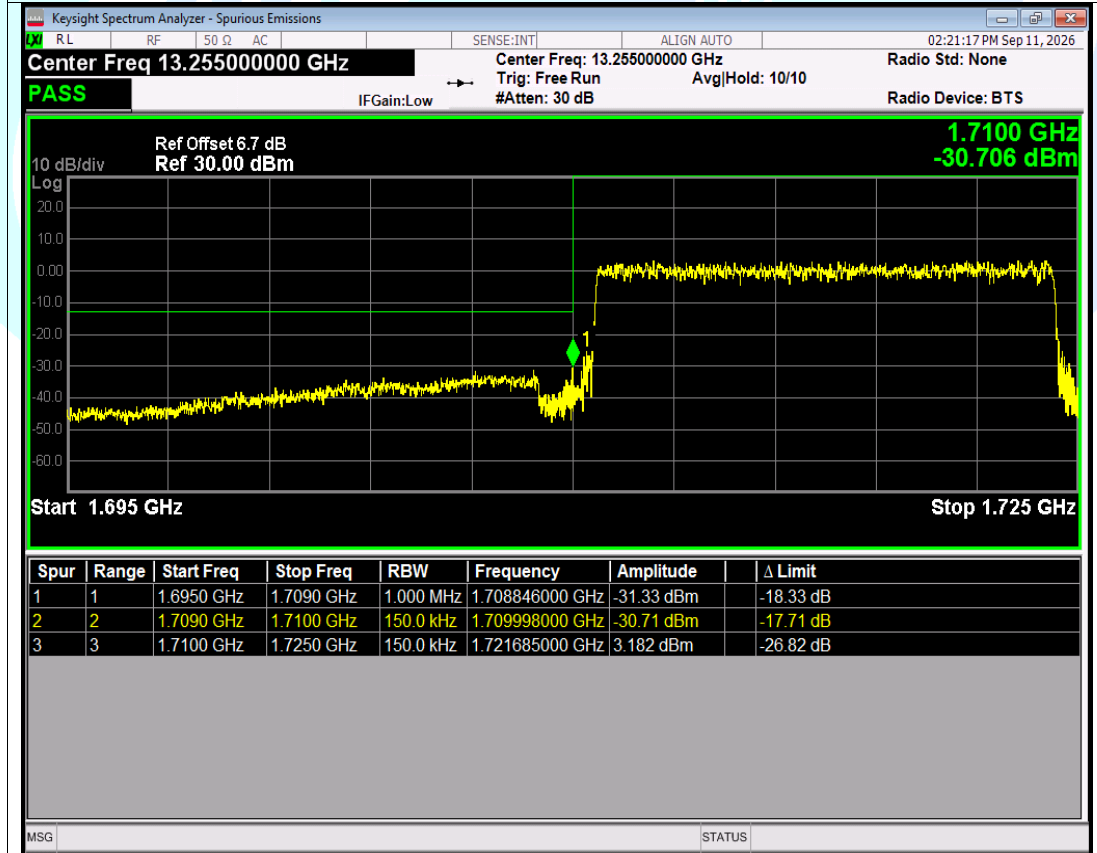


Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0 NVNT

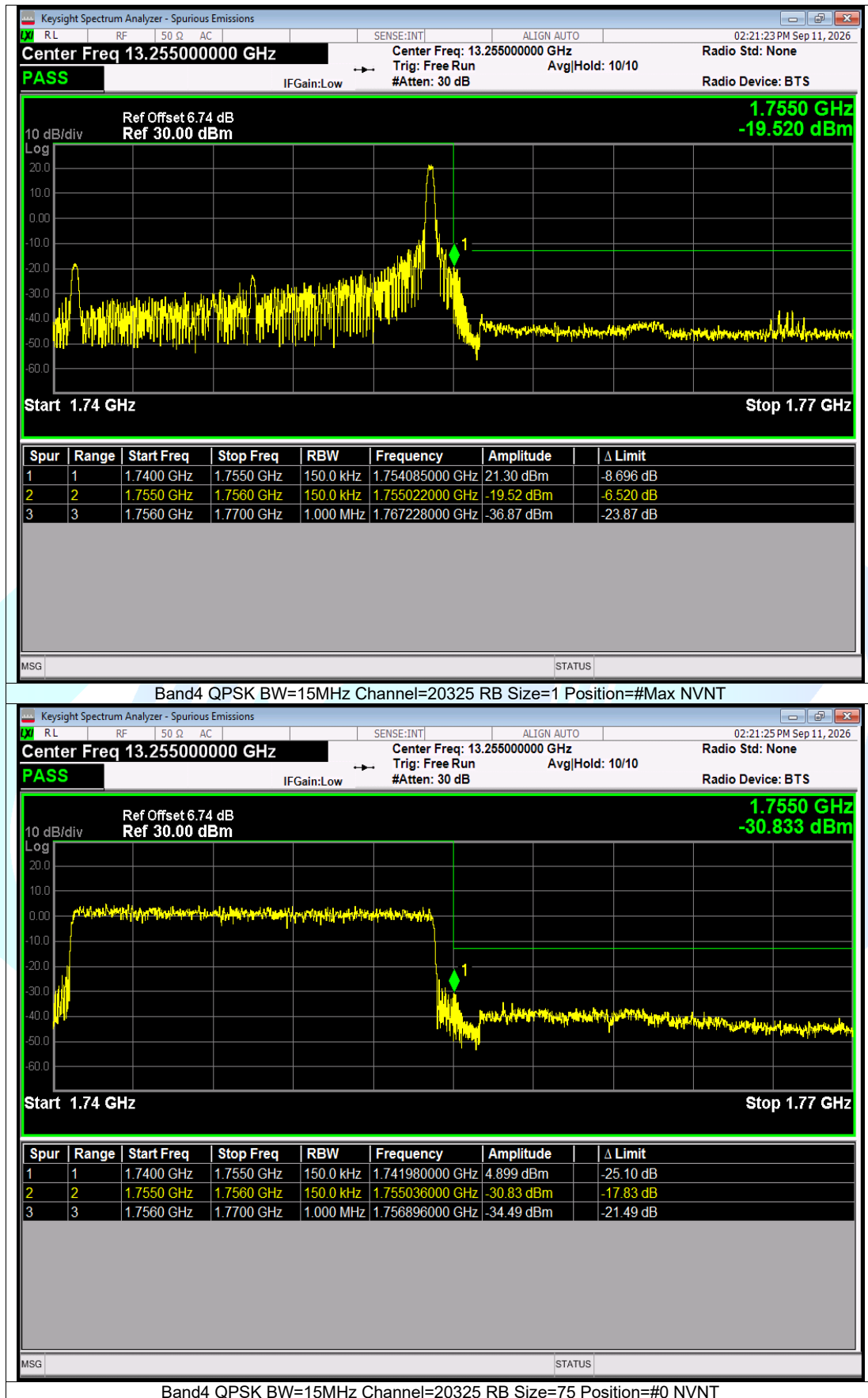


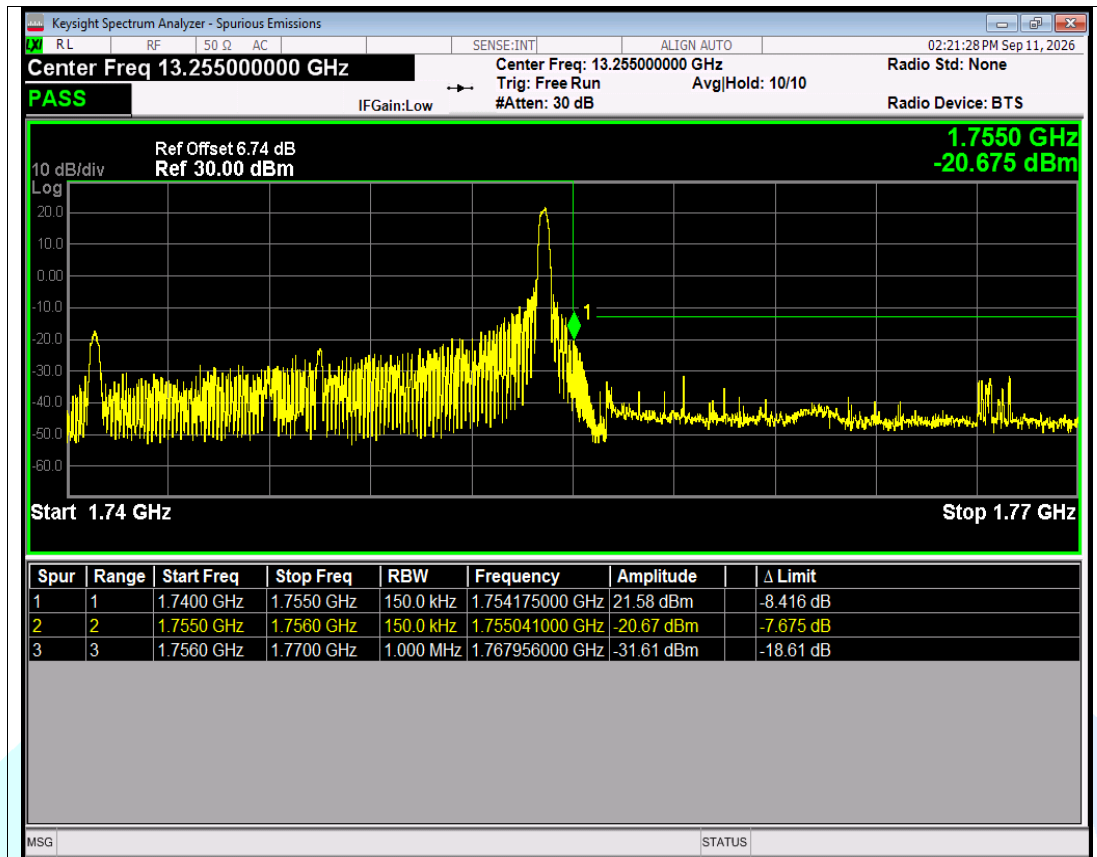


Band4 16QAM BW=15MHz Channel=20025 RB Size=1 Position=#0 NVNT

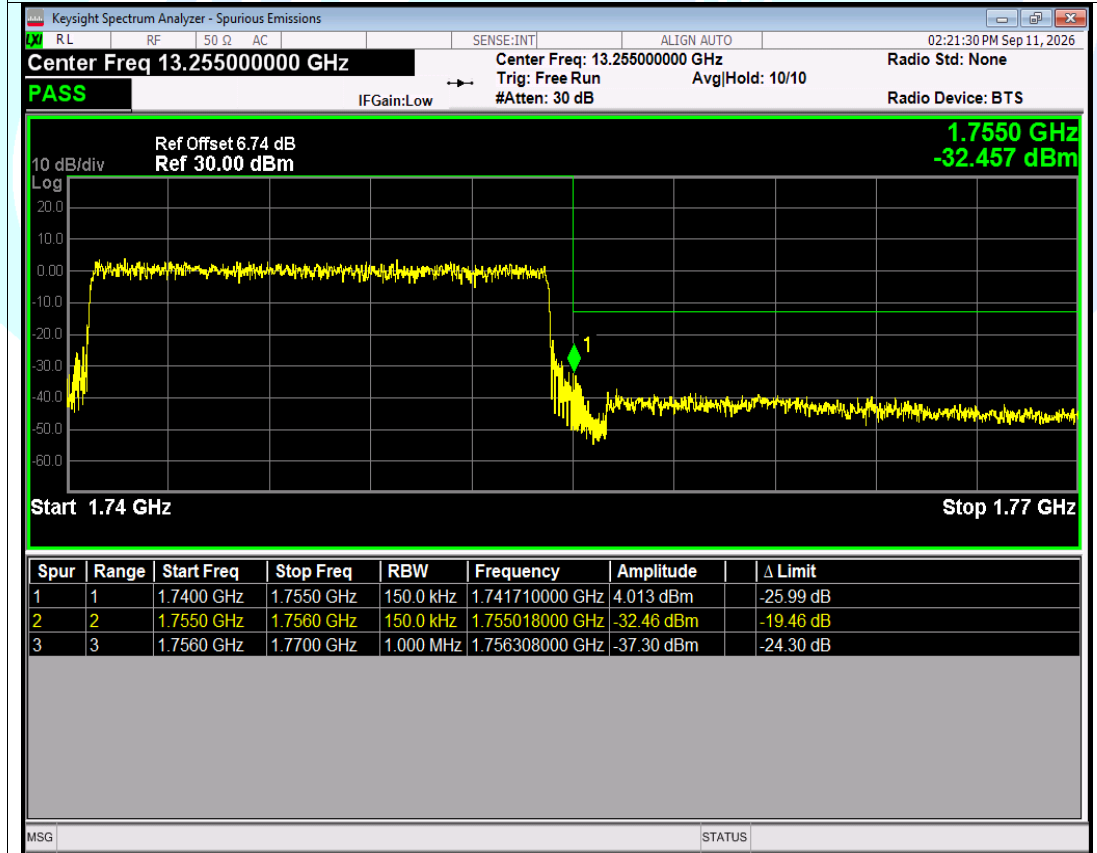


Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0 NVNT

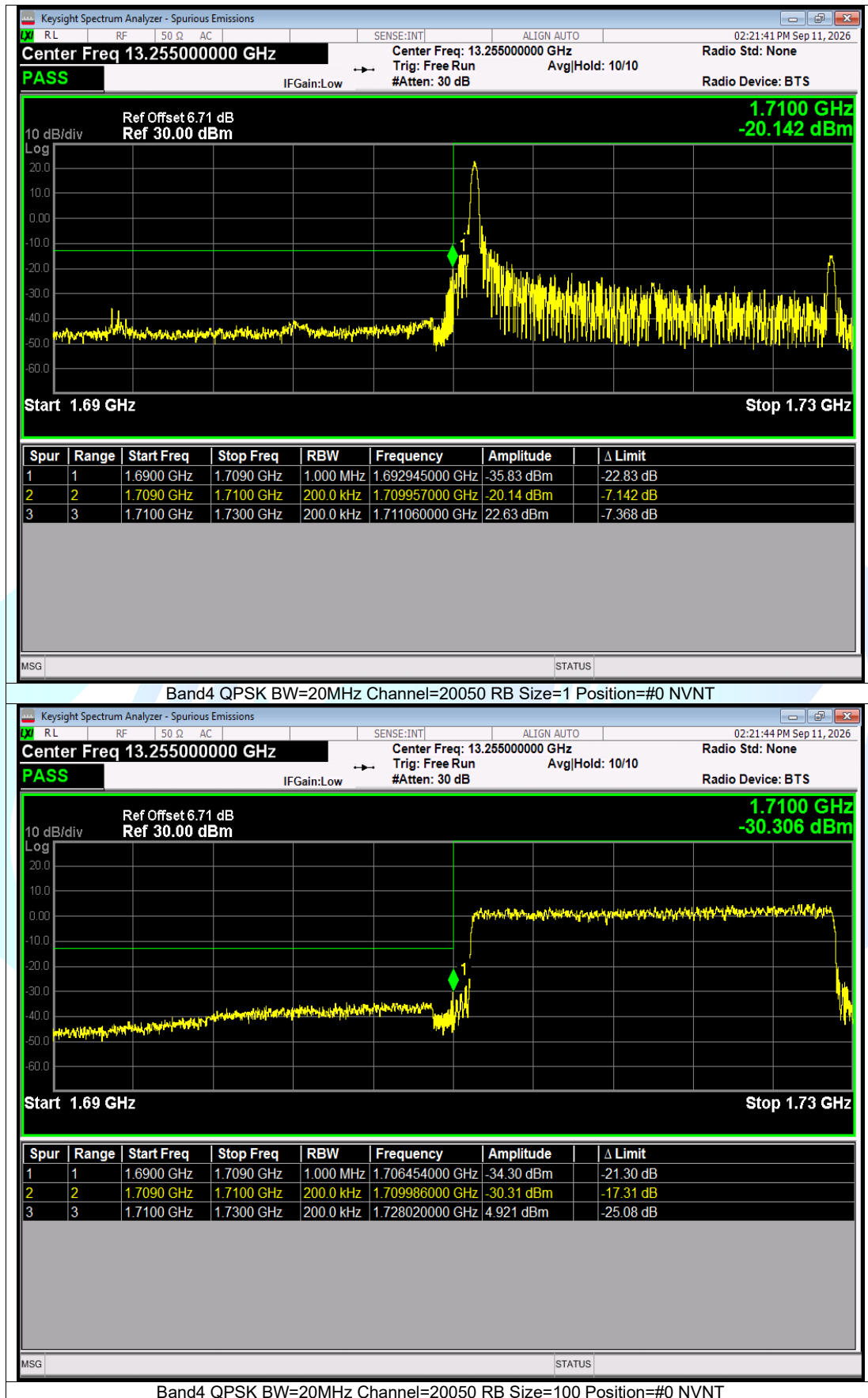


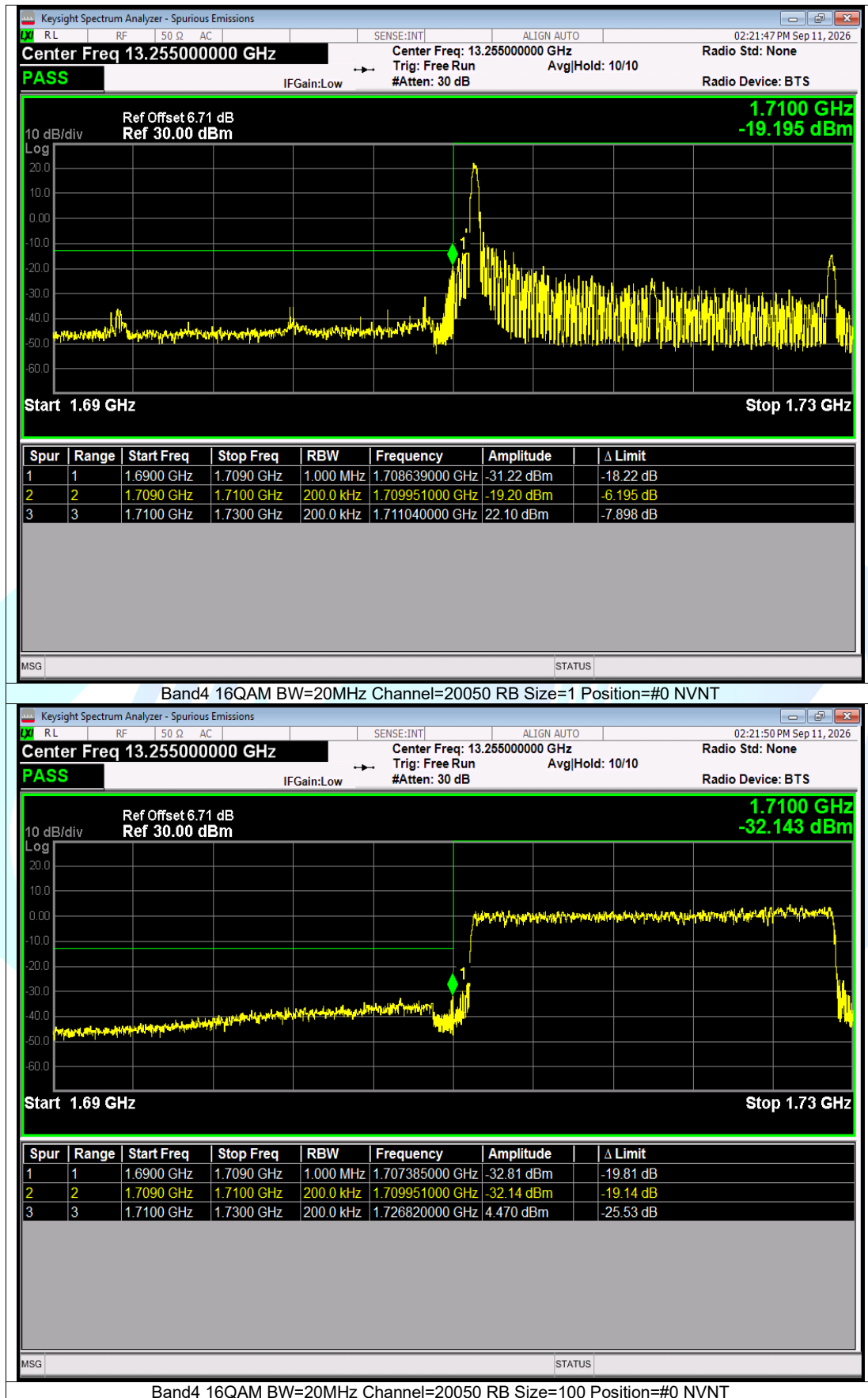


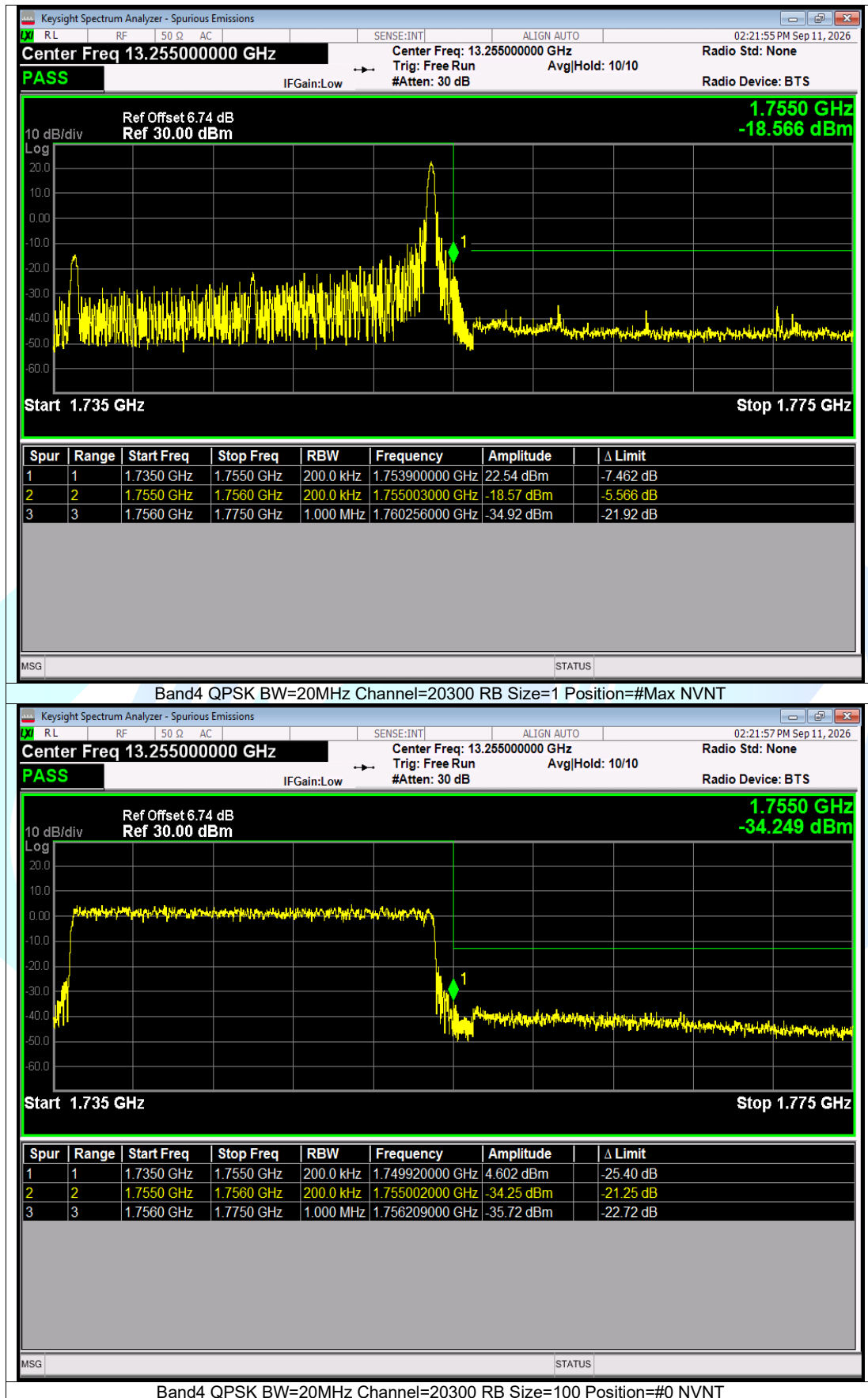
Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#Max NVNT

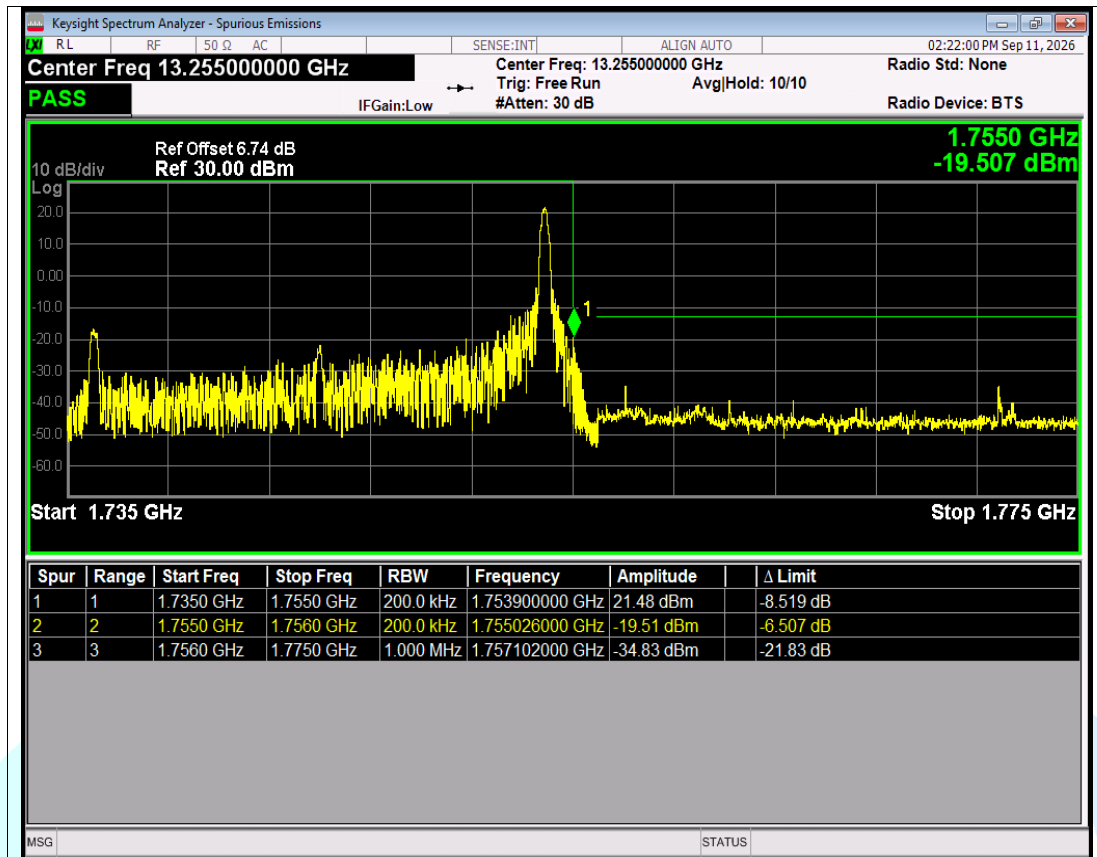


Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0 NVNT

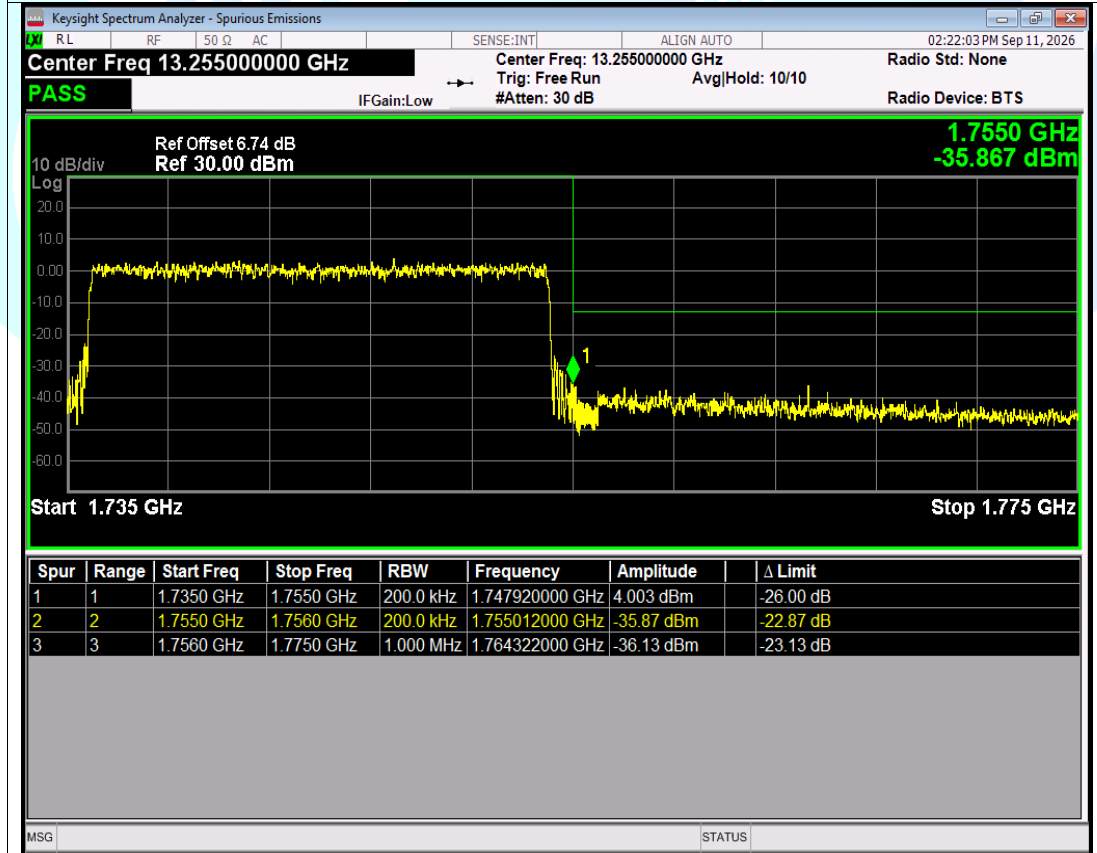




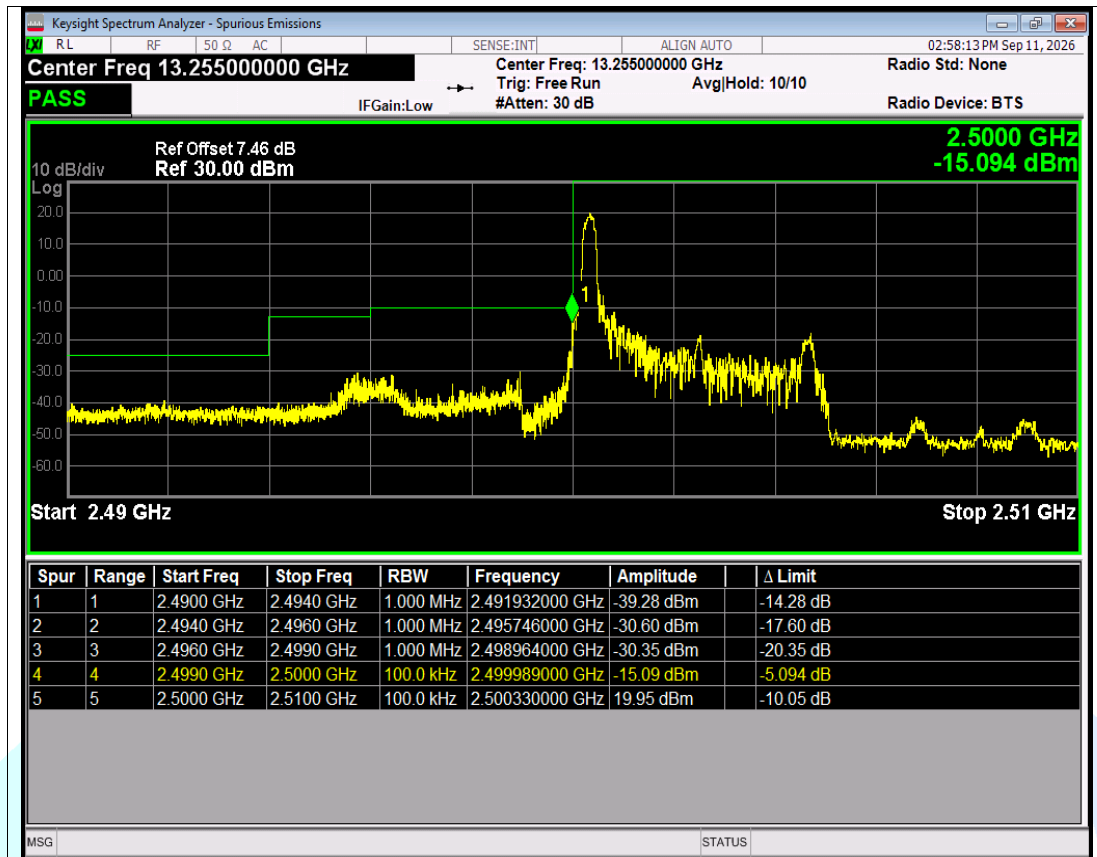




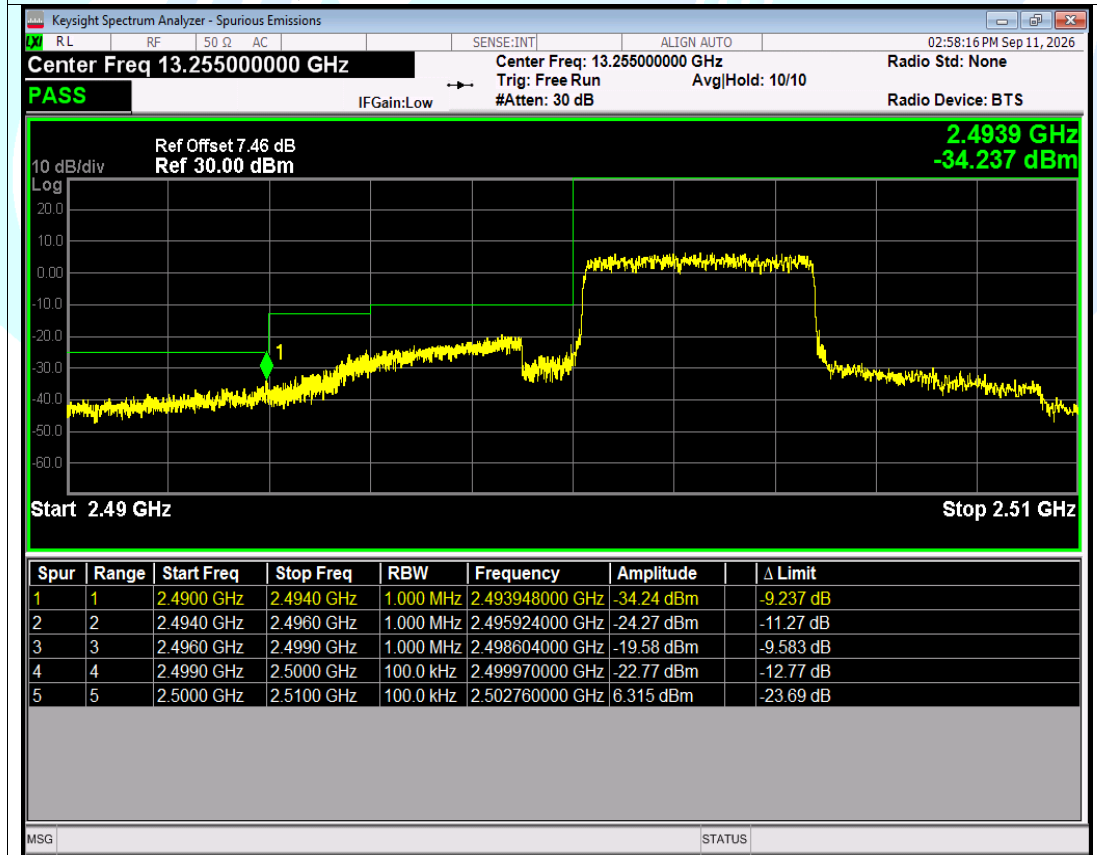
Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#Max NVNT



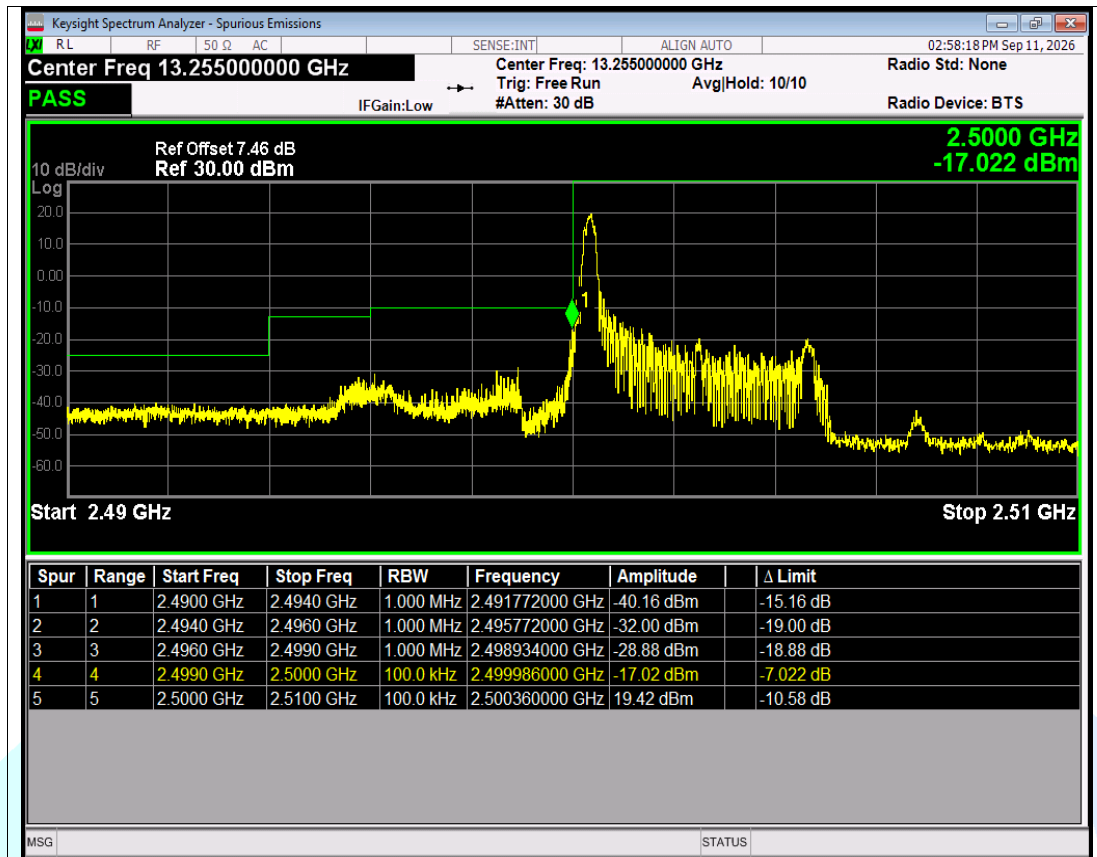
Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0 NVNT



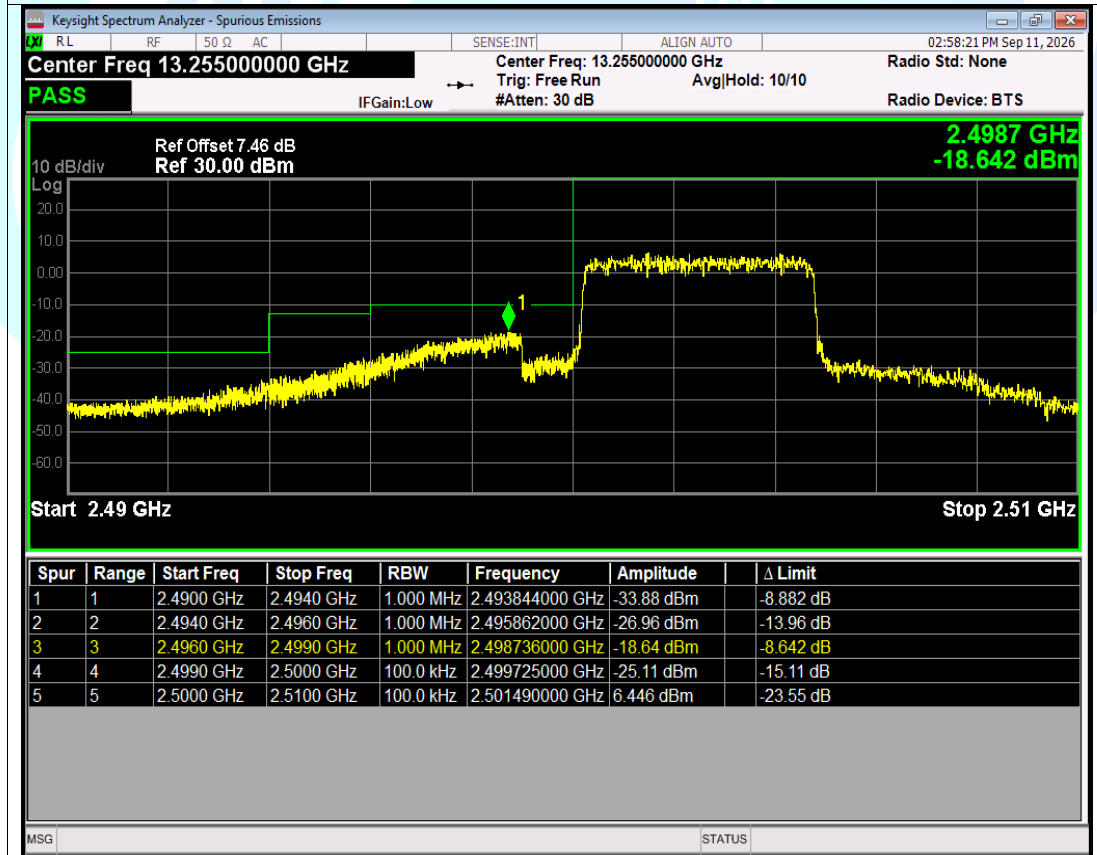
Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0 NVNT



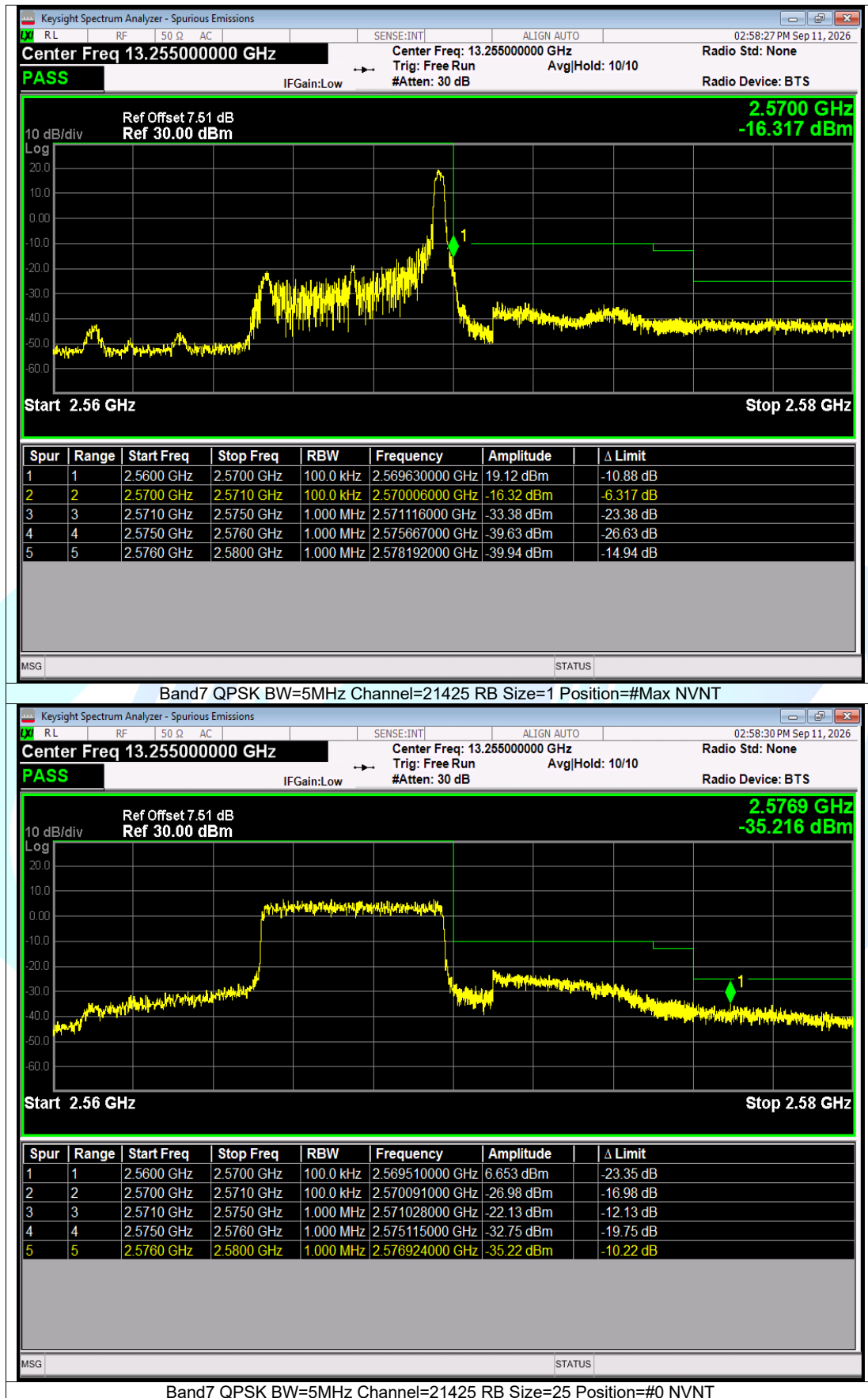
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0 NVNT

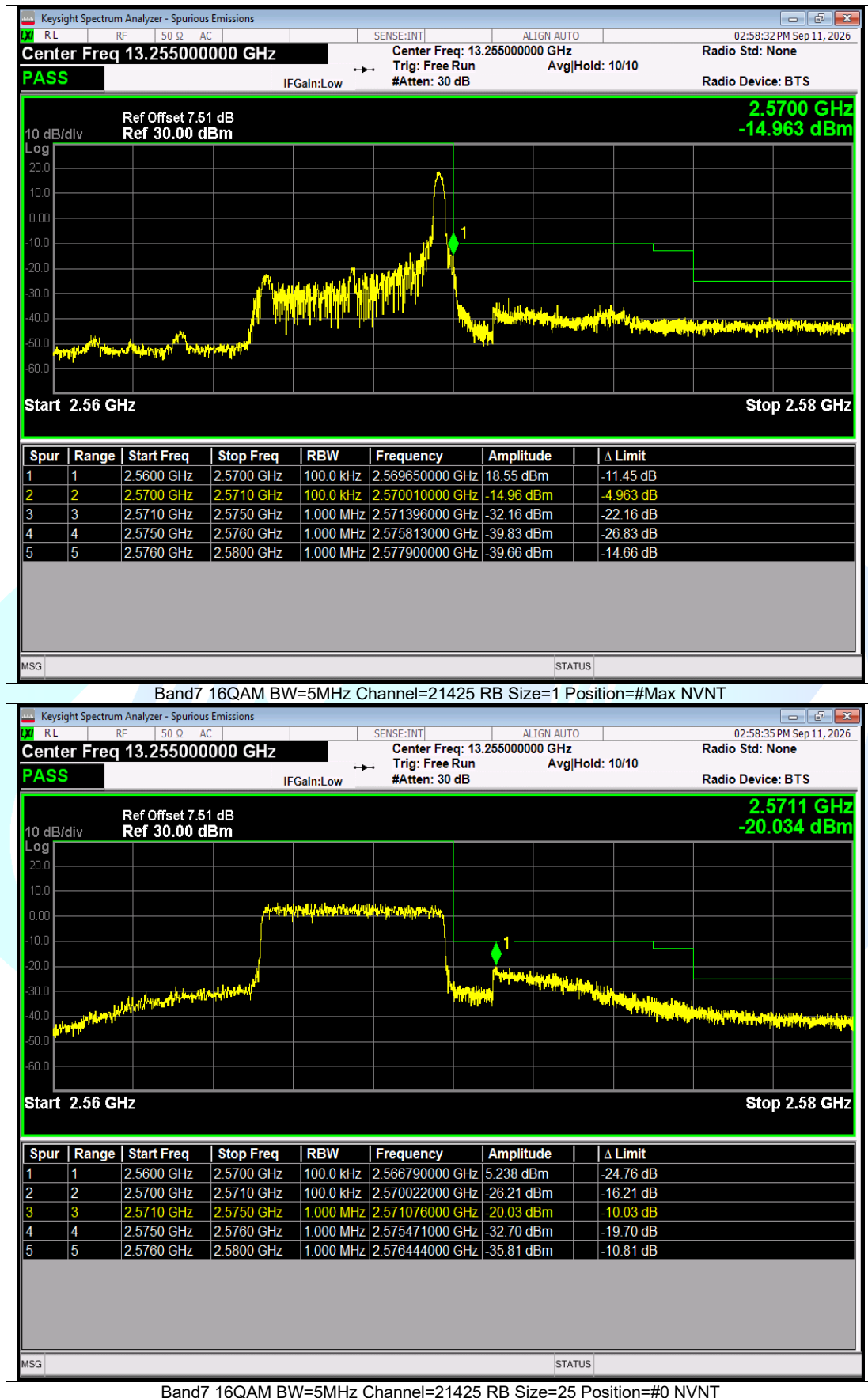


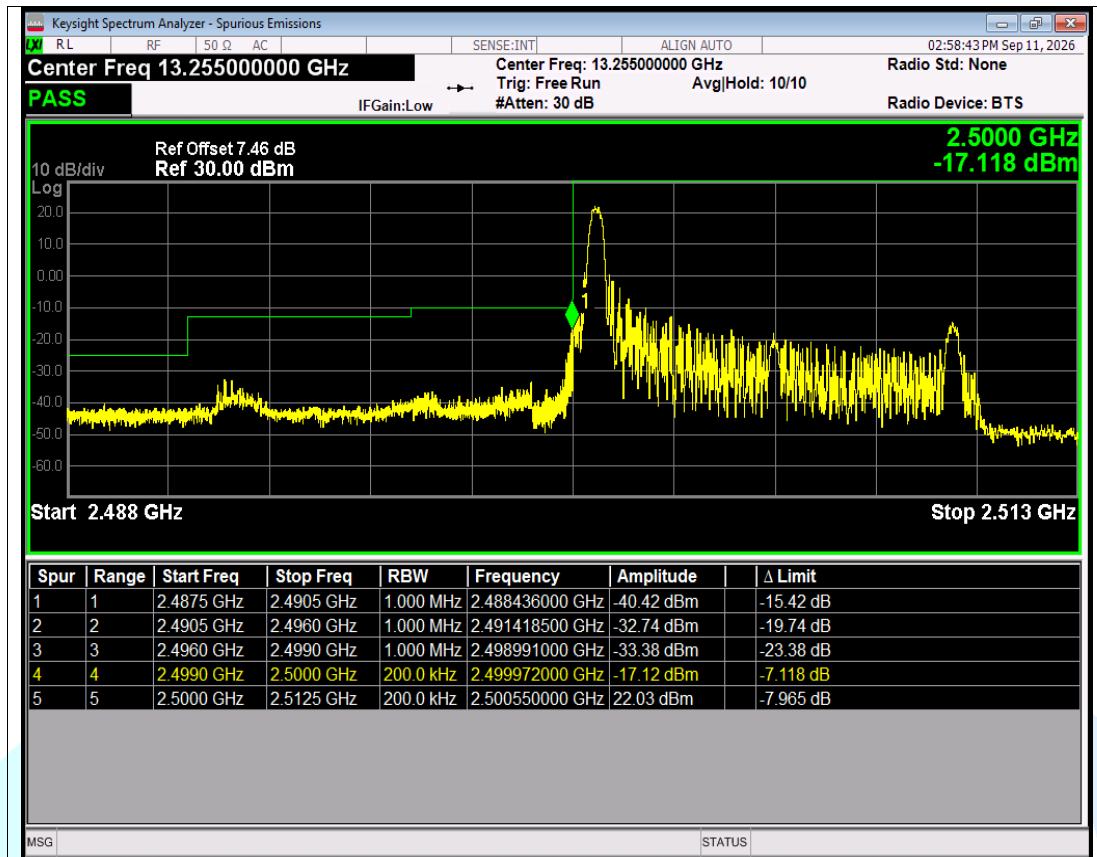
Band7 16QAM BW=5MHz Channel=20775 RB Size=1 Position=#0 NVNT



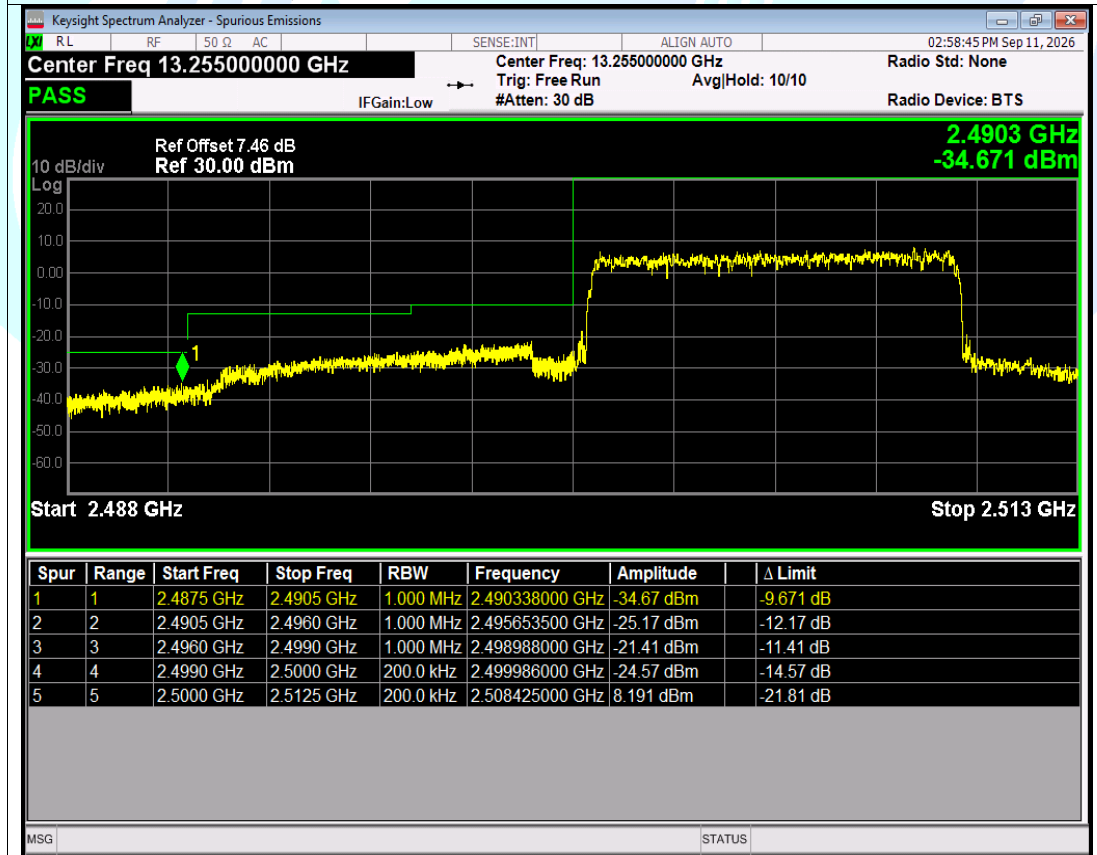
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0 NVNT



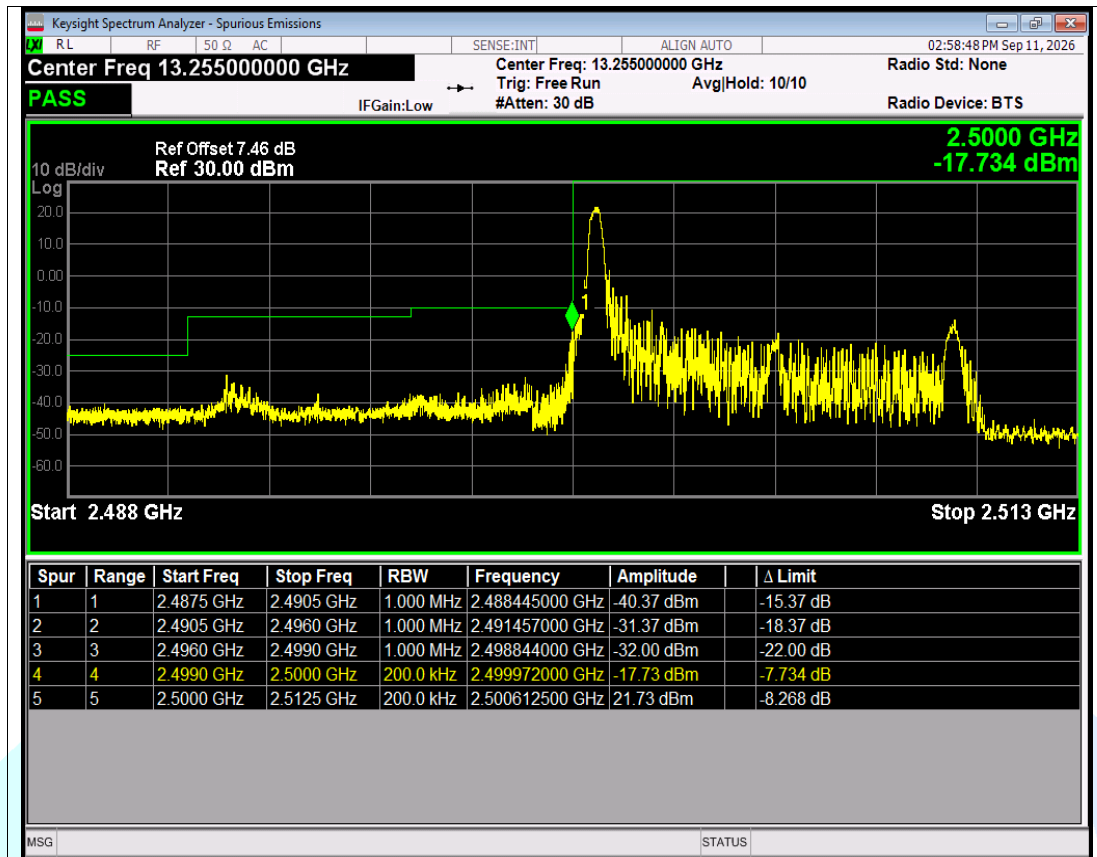




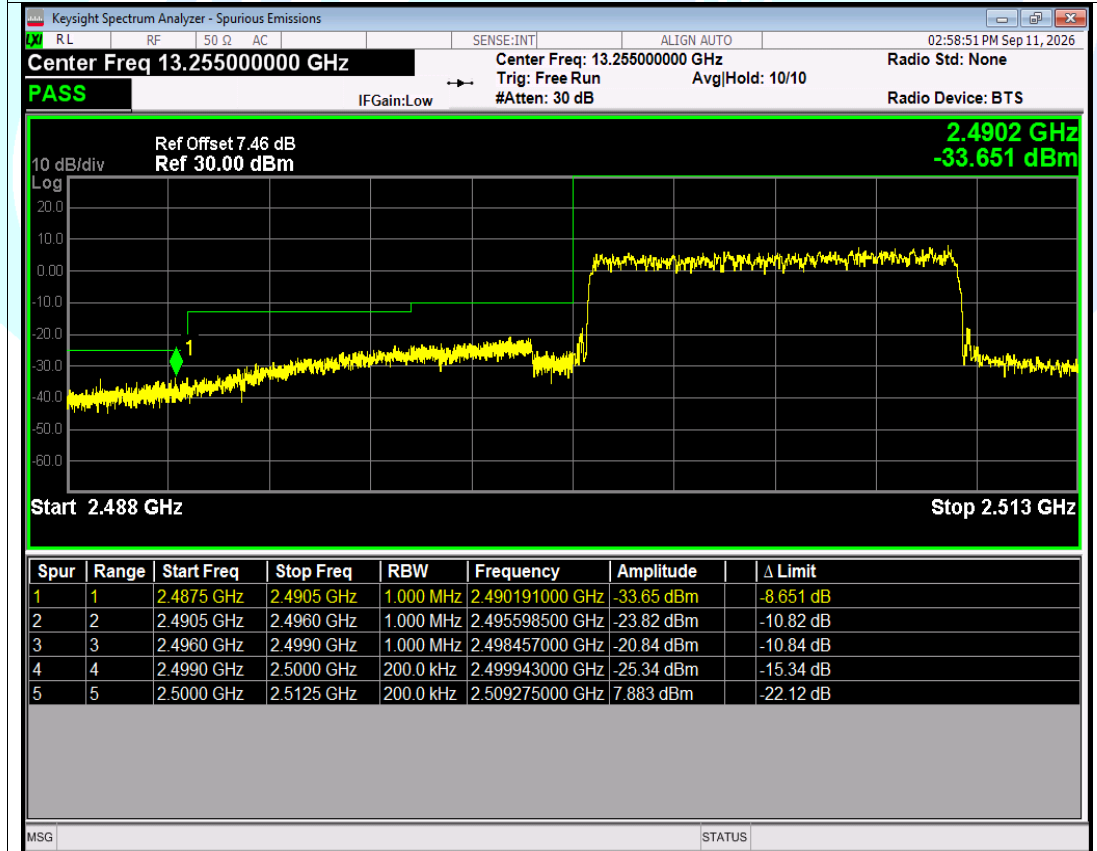
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0 NVNT



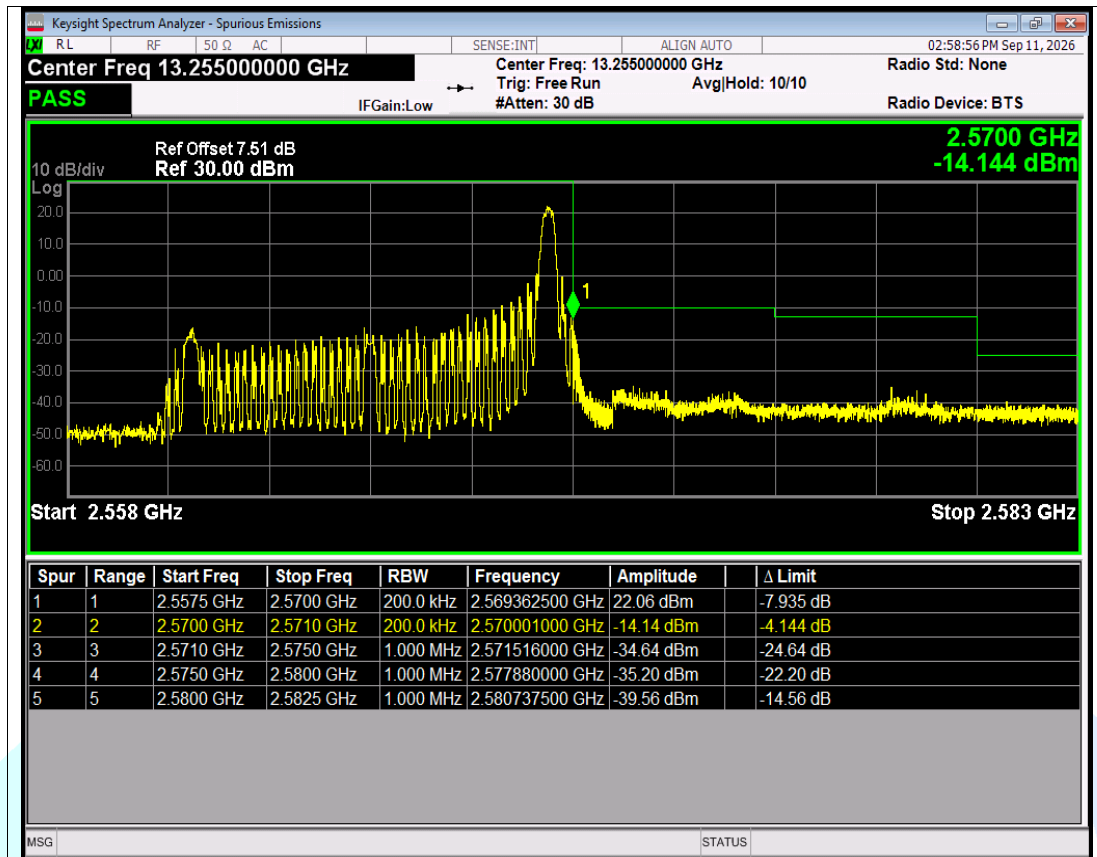
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0 NVNT



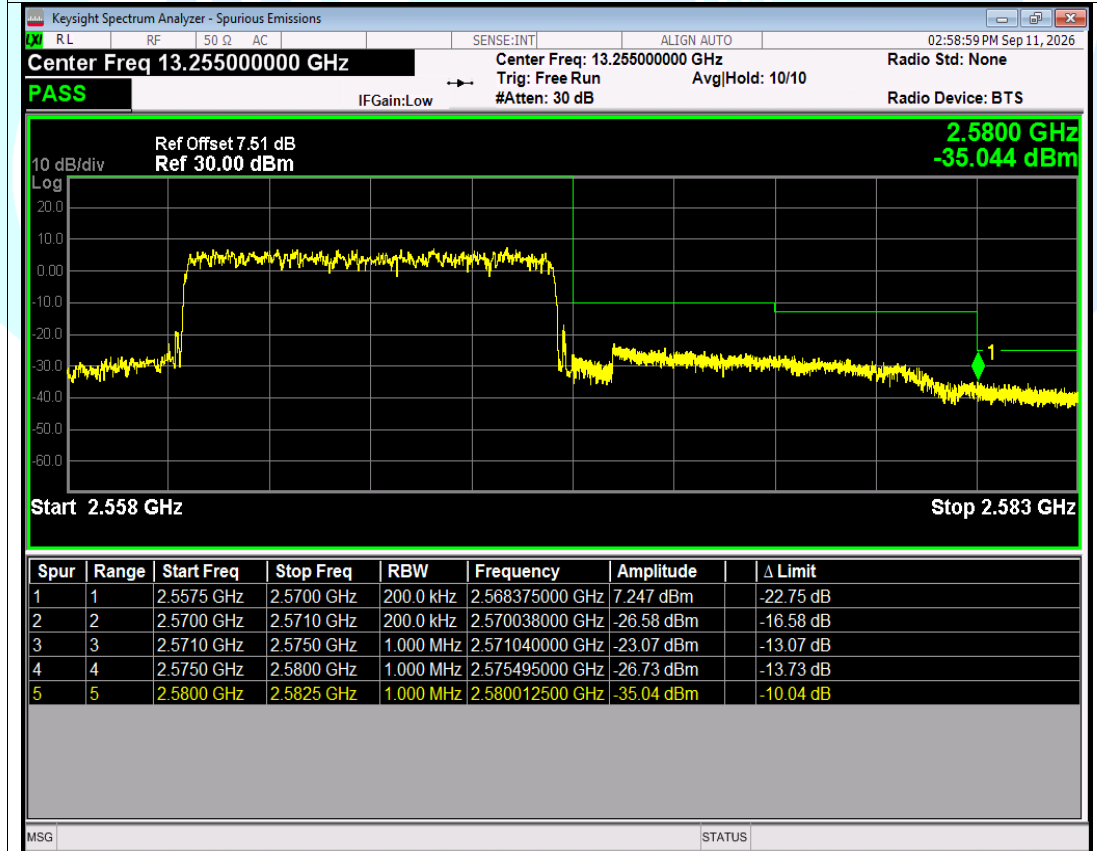
Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#0 NVNT



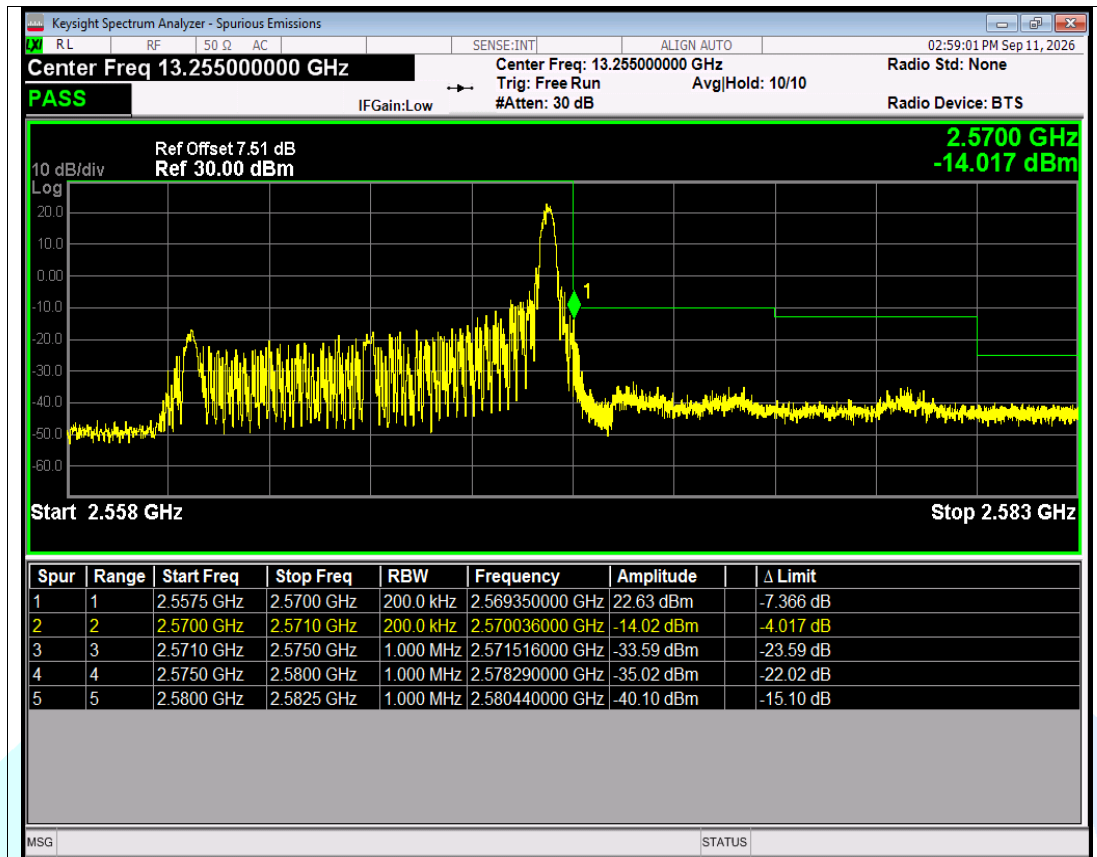
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0 NVNT



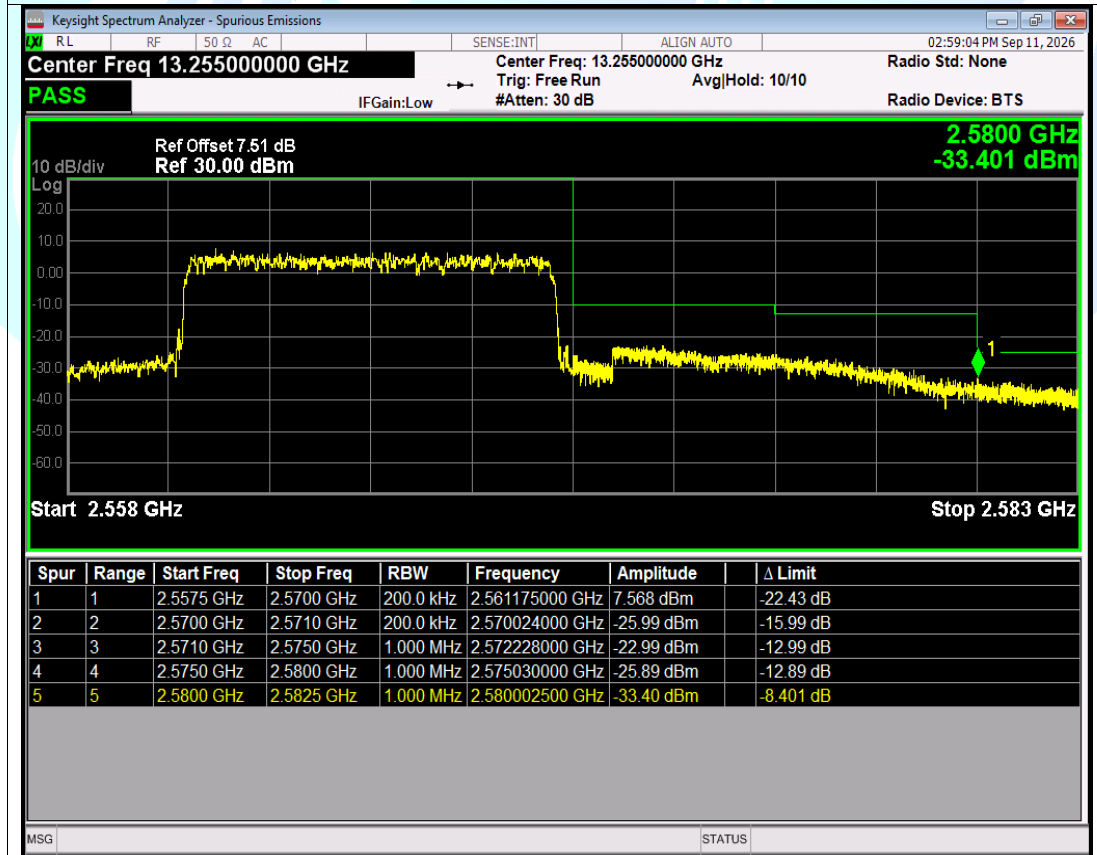
Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#Max NVNT



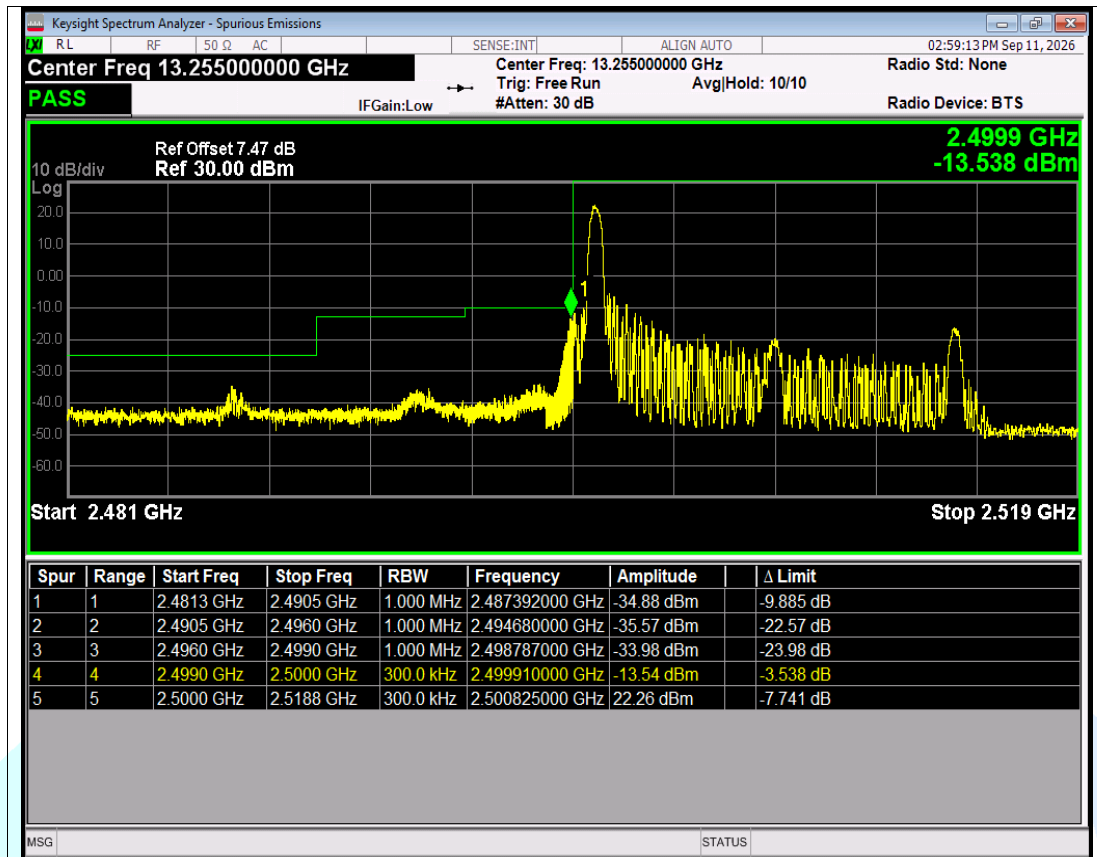
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0 NVNT



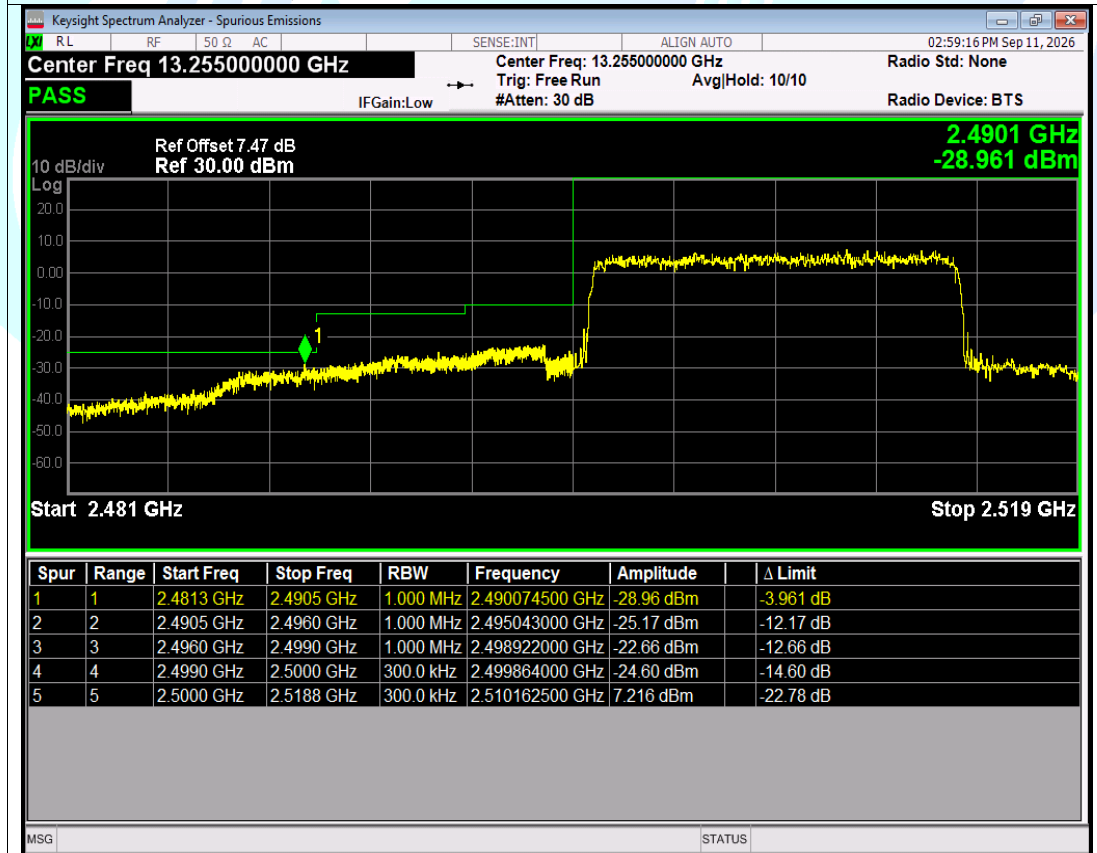
Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#Max NVNT



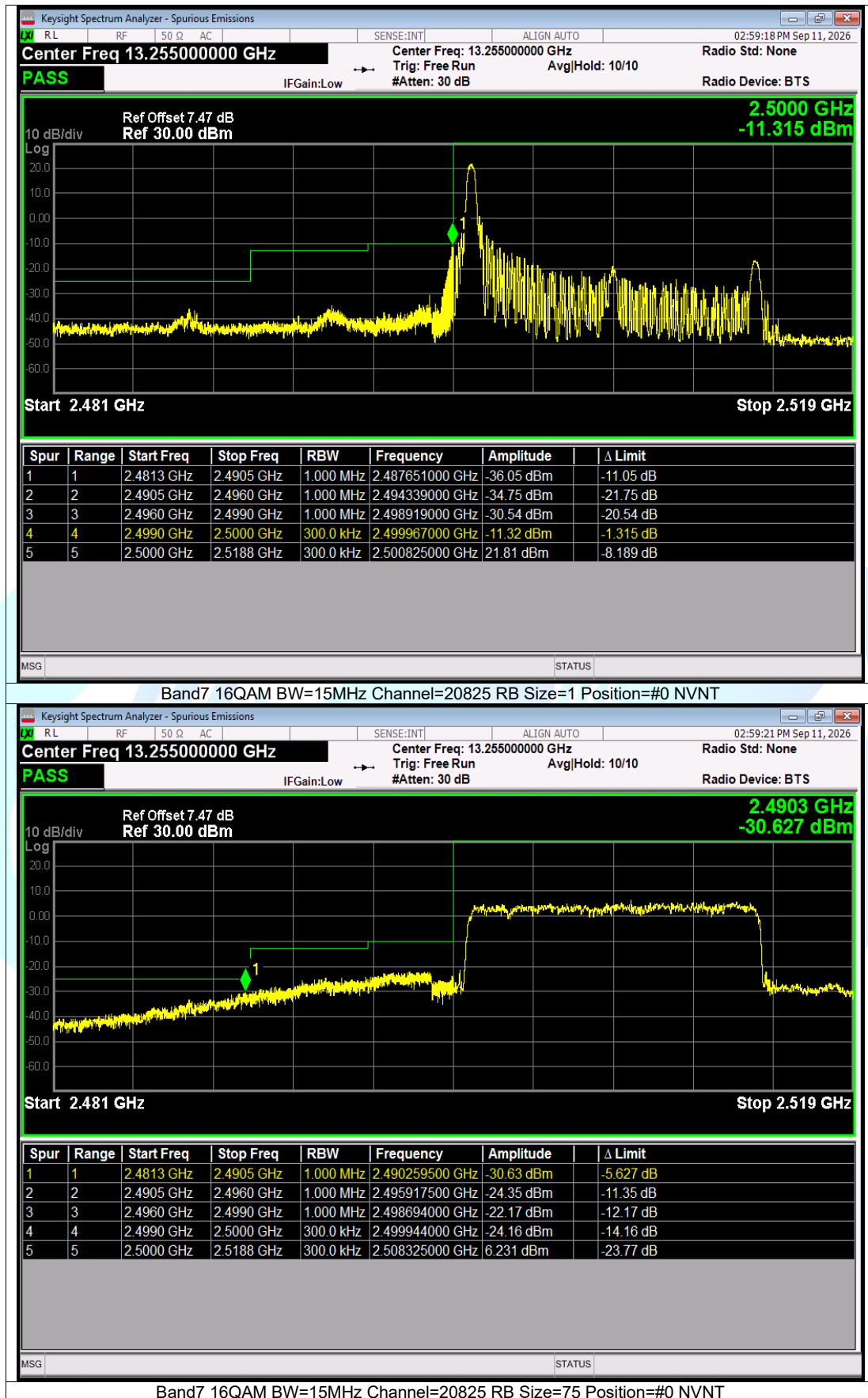
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0 NVNT

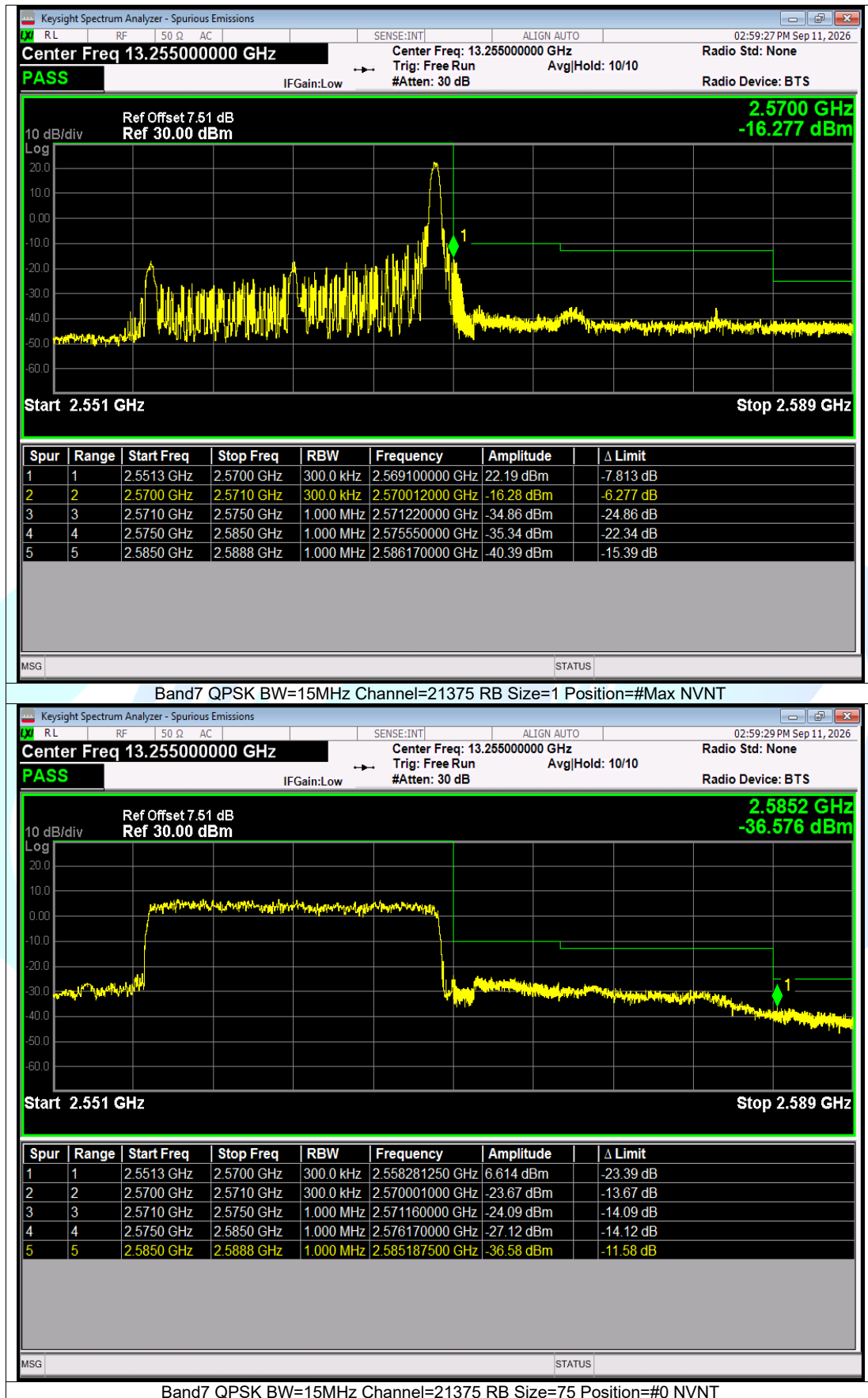


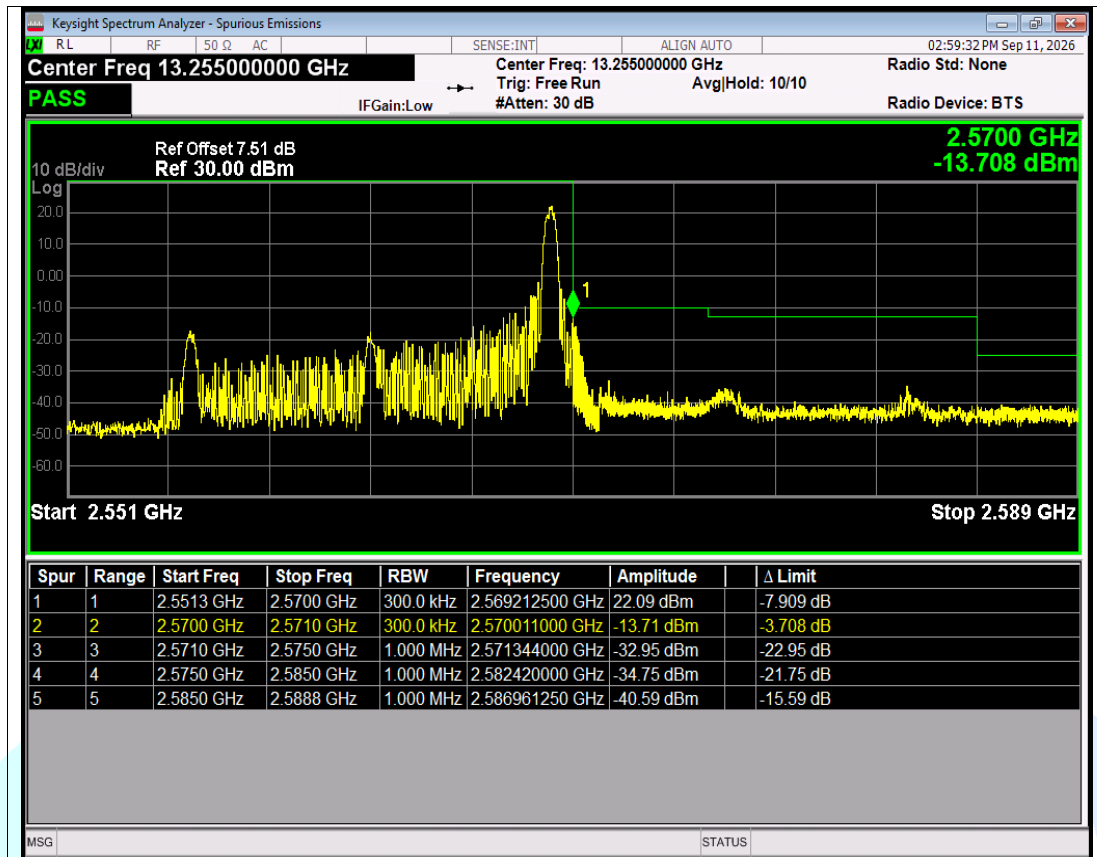
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0 NVNT



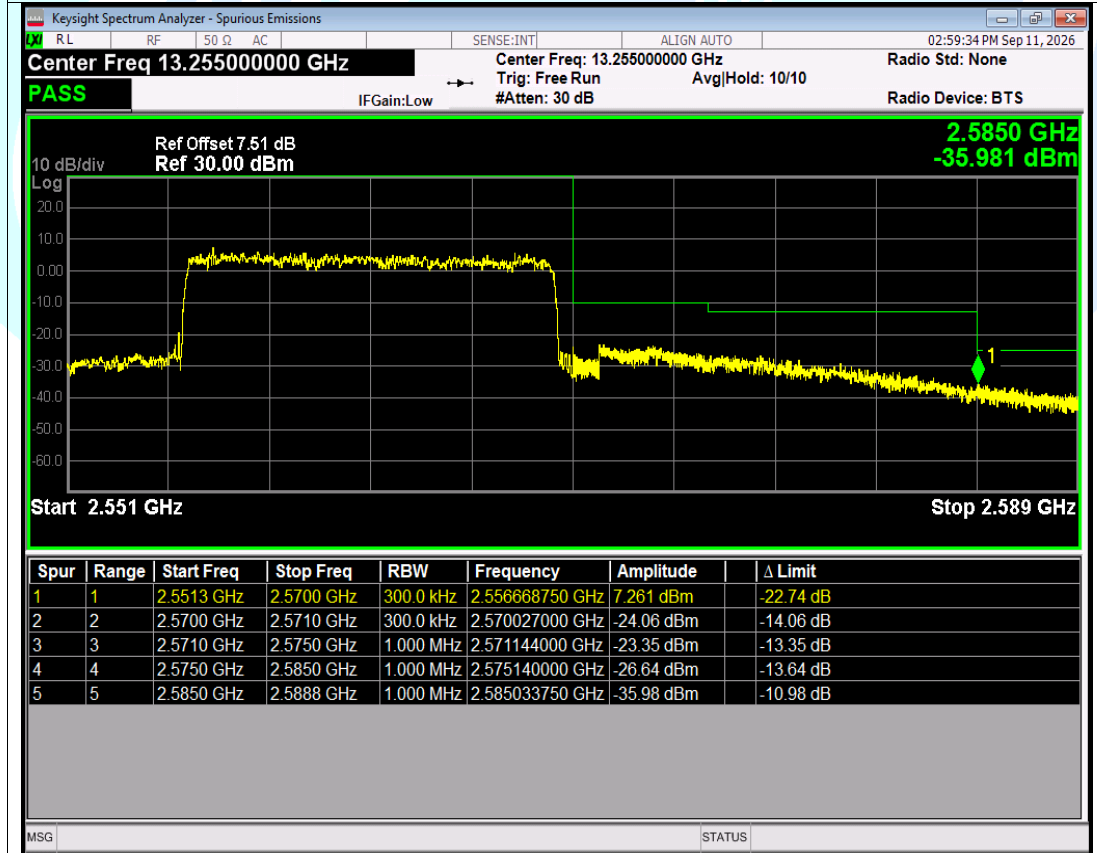
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0 NVNT



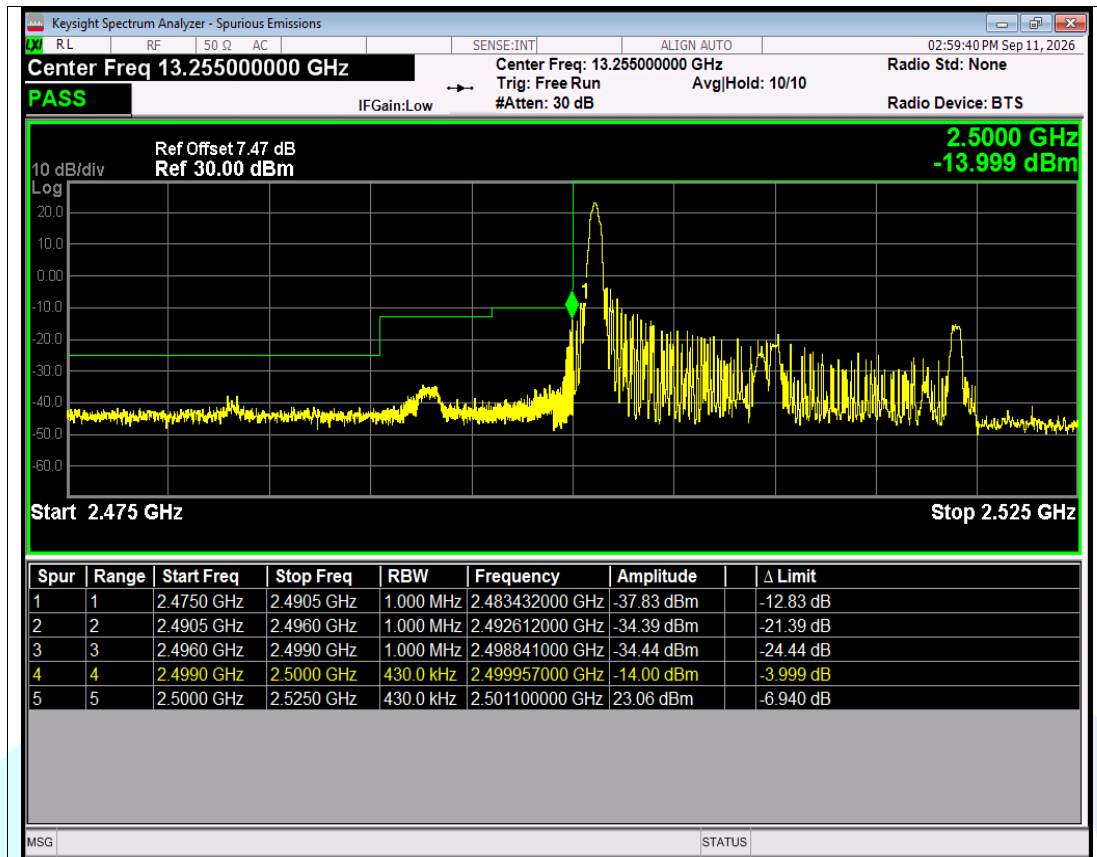




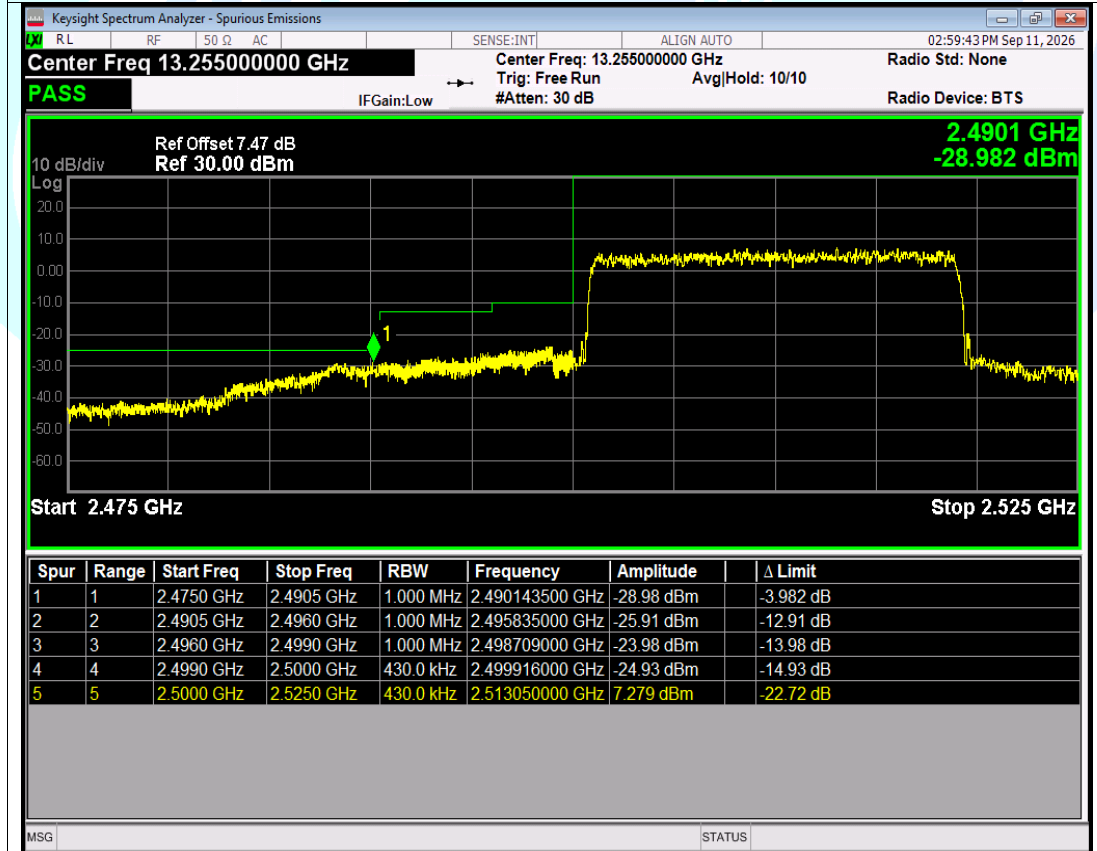
Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#Max NVNT



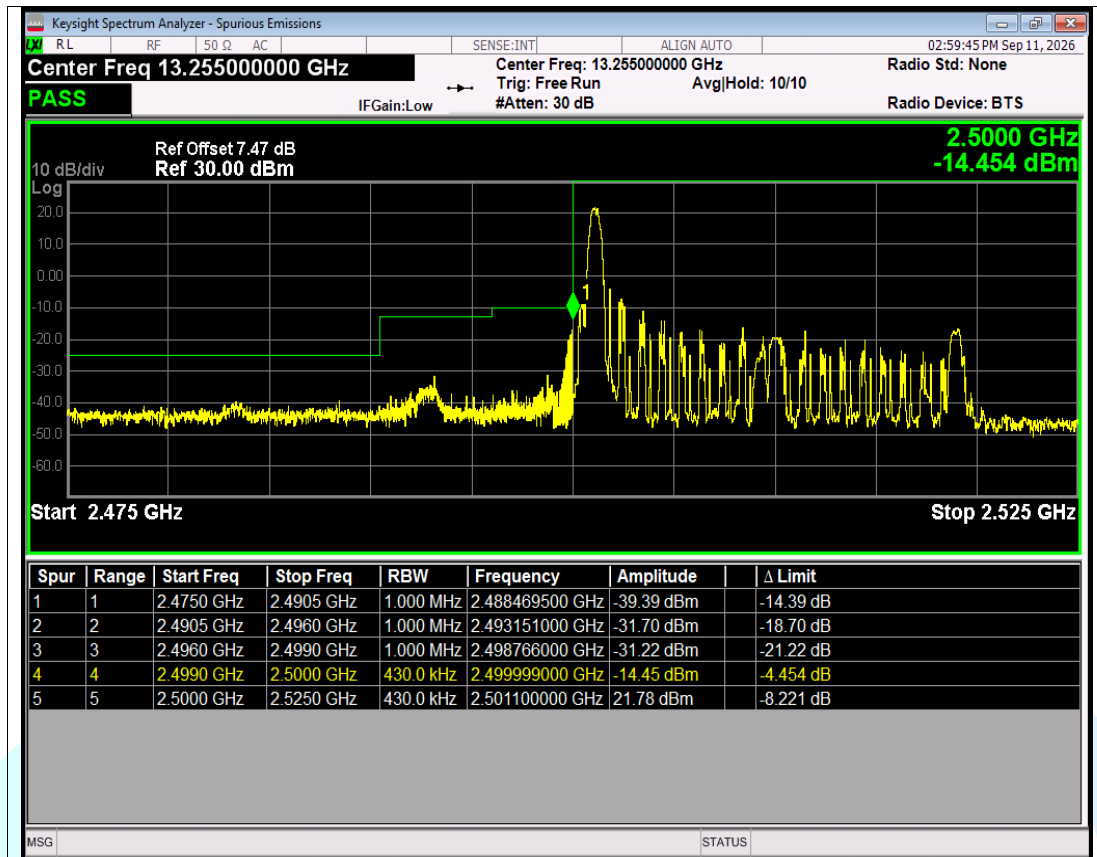
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0 NVNT



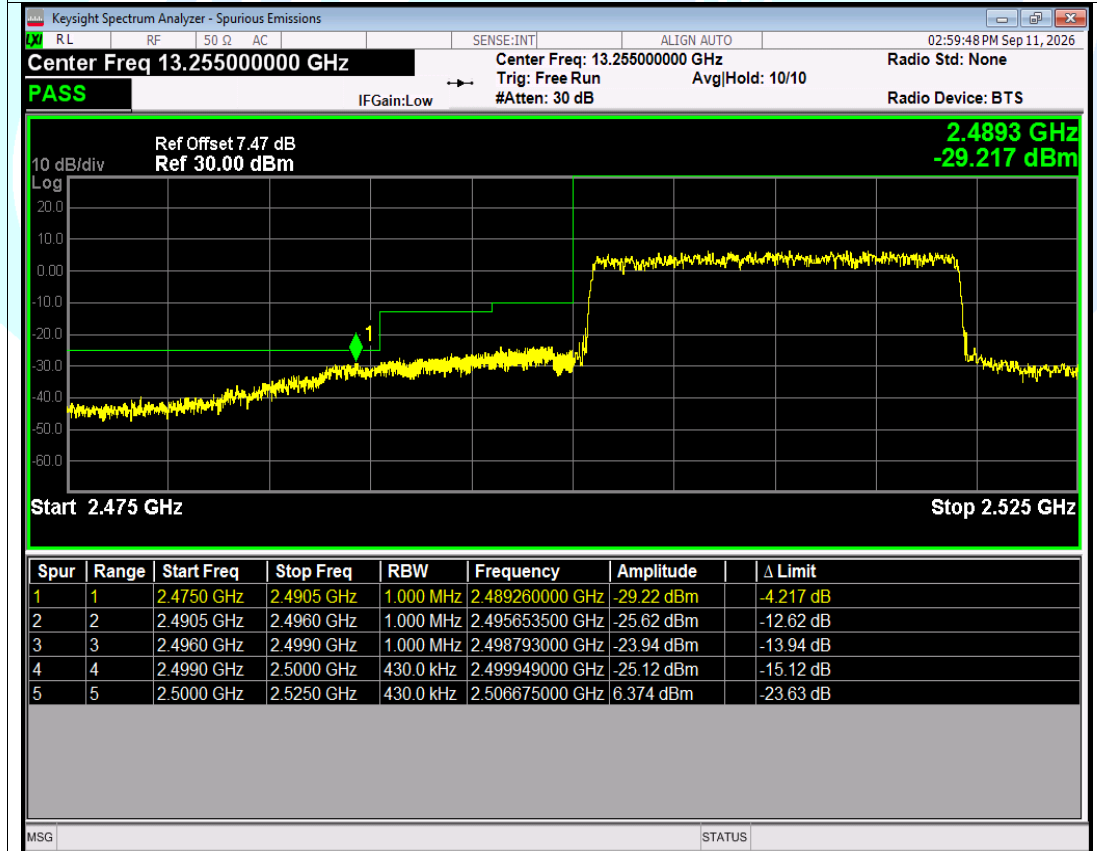
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0 NVNT



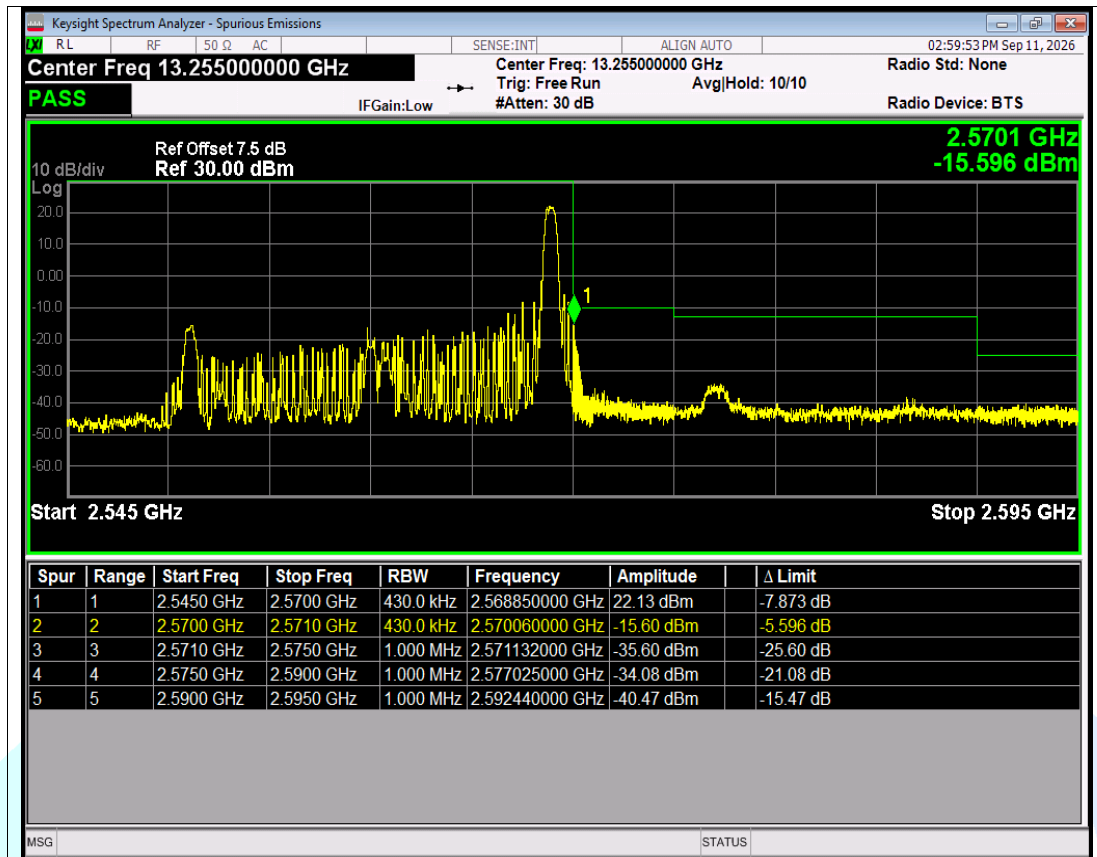
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0 NVNT



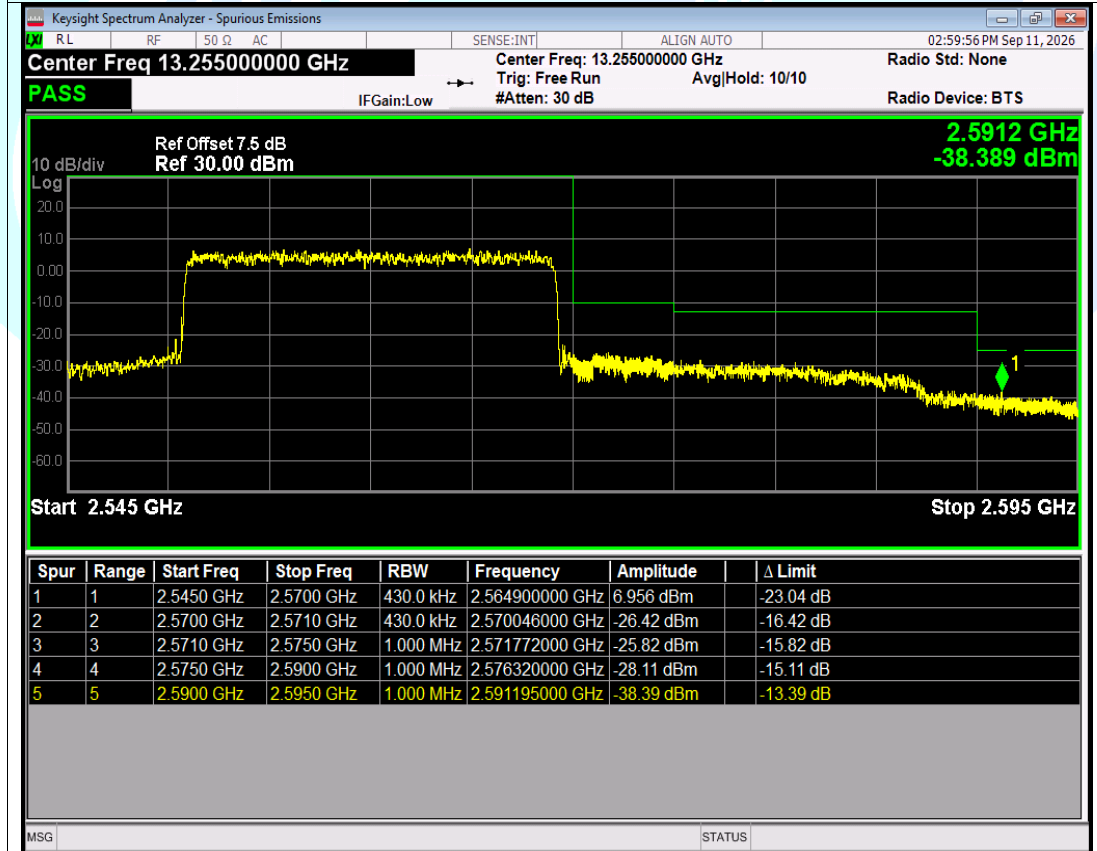
Band7 16QAM BW=20MHz Channel=20850 RB Size=1 Position=#0 NVNT



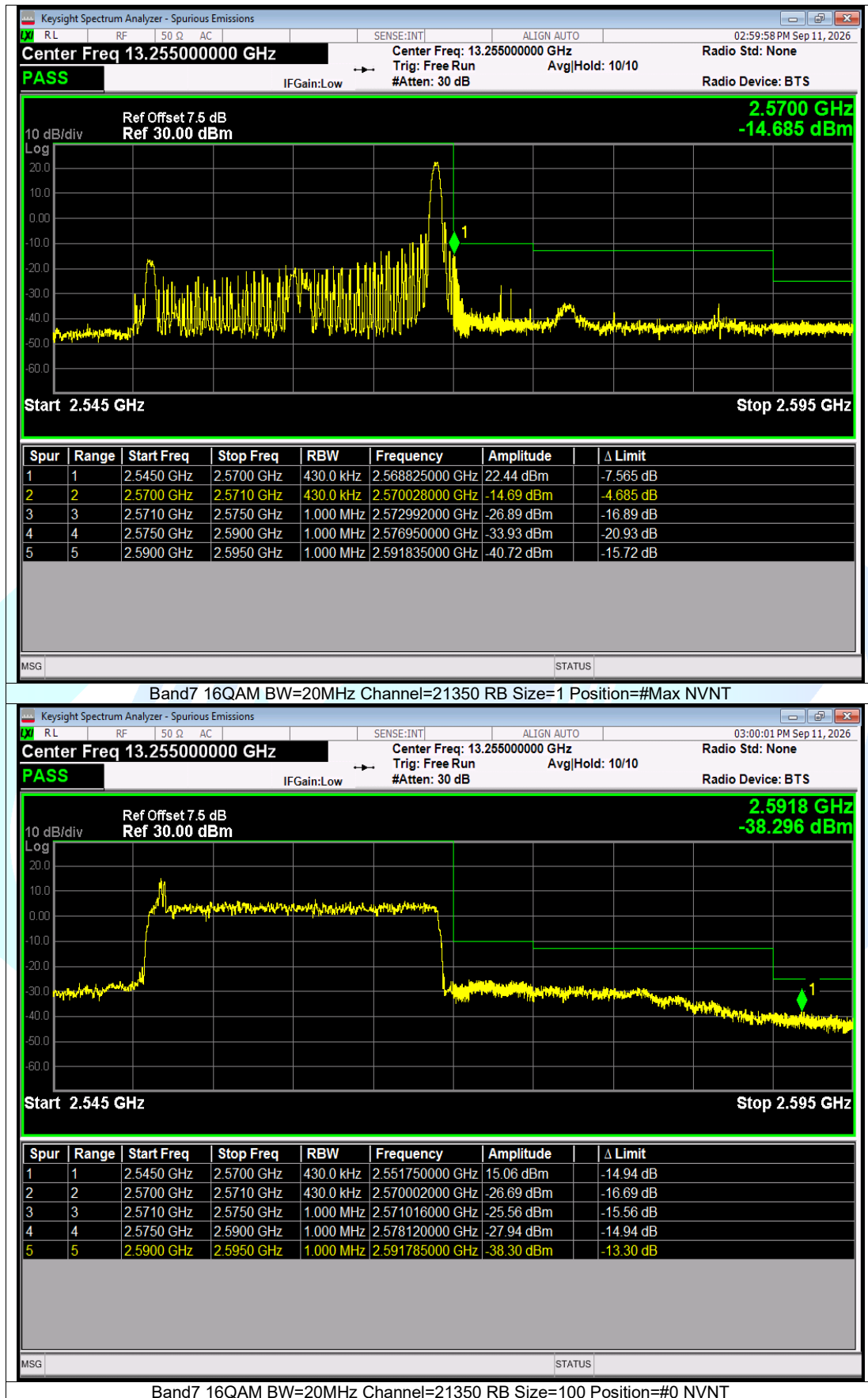
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0 NVNT



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



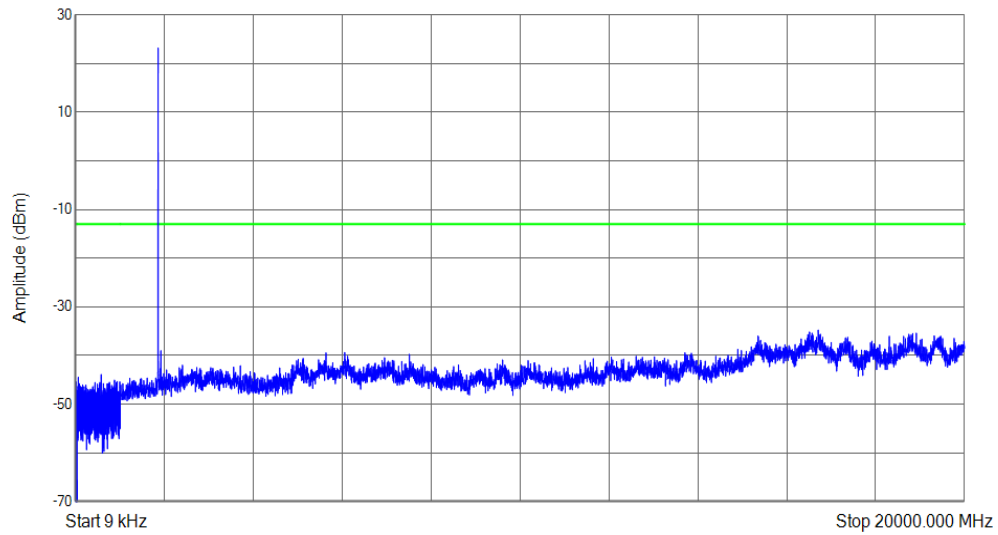
Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0 NVNT



5. Out-of-band emissions

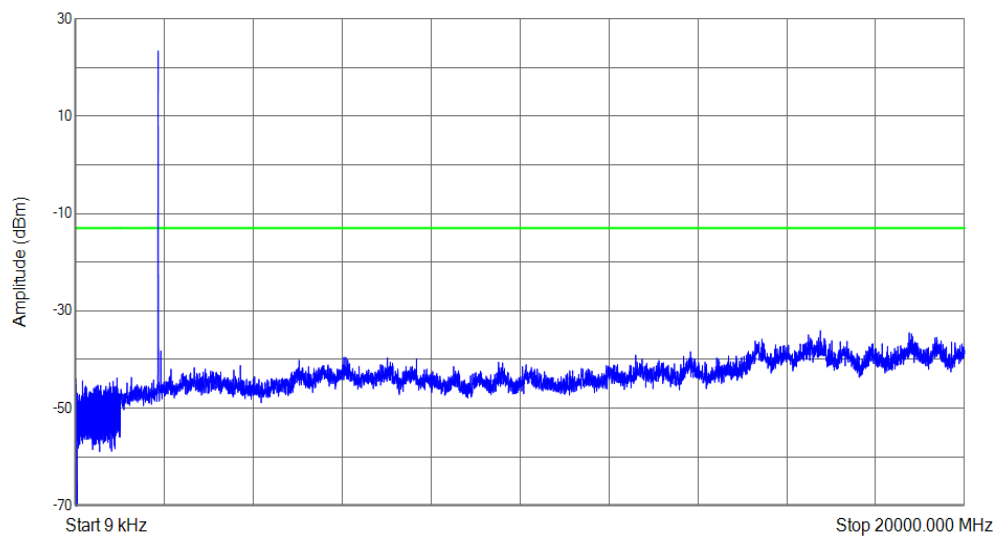
5.1. Test Data

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band2	1.4	18607	1	#0	QPSK	16705.40	-34.79	-13	PASS
Band2	1.4	18607	6	#0	QPSK	16754.80	-34.08	-13	PASS
Band2	1.4	18900	1	#0	QPSK	15474.20	-34.70	-13	PASS
Band2	1.4	18900	6	#0	QPSK	18928.40	-34.67	-13	PASS
Band2	1.4	19193	1	#0	QPSK	19365.40	-34.23	-13	PASS
Band2	1.4	19193	6	#0	QPSK	16561.00	-34.88	-13	PASS
Band2	20	18700	1	#0	QPSK	18791.60	-35.25	-13	PASS
Band2	20	18700	100	#0	QPSK	19380.60	-35.24	-13	PASS
Band2	20	18900	1	#0	QPSK	16659.80	-33.64	-13	PASS
Band2	20	18900	100	#0	QPSK	19357.80	-33.88	-13	PASS
Band2	20	19100	1	#0	QPSK	16701.60	-35.04	-13	PASS
Band2	20	19100	100	#0	QPSK	16766.20	-34.83	-13	PASS
Band4	1.4	19957	1	#0	QPSK	1771.40	-34.86	-13	PASS
Band4	1.4	19957	6	#0	QPSK	16716.80	-35.04	-13	PASS
Band4	1.4	20175	1	#0	QPSK	16777.60	-34.81	-13	PASS
Band4	1.4	20175	6	#0	QPSK	16352.00	-35.04	-13	PASS
Band4	1.4	20393	1	#0	QPSK	16713.00	-34.73	-13	PASS
Band4	1.4	20393	6	#0	QPSK	19369.20	-35.11	-13	PASS
Band4	20	20050	1	#0	QPSK	16690.20	-35.01	-13	PASS
Band4	20	20050	100	#0	QPSK	16754.80	-35.14	-13	PASS
Band4	20	20175	1	#0	QPSK	19384.40	-34.29	-13	PASS
Band4	20	20175	100	#0	QPSK	15432.40	-35.05	-13	PASS
Band4	20	20300	1	#0	QPSK	19380.60	-34.63	-13	PASS
Band4	20	20300	100	#0	QPSK	19346.40	-35.27	-13	PASS
Band7	5	20775	1	#0	QPSK	26489.80	-29.39	-25	PASS
Band7	5	20775	25	#0	QPSK	26494.90	-28.39	-25	PASS
Band7	5	21100	1	#0	QPSK	26479.60	-28.85	-25	PASS
Band7	5	21100	25	#0	QPSK	25219.90	-28.68	-25	PASS
Band7	5	21425	1	#0	QPSK	25031.20	-28.57	-25	PASS
Band7	5	21425	25	#0	QPSK	26500.00	-28.86	-25	PASS
Band7	20	20850	1	#0	QPSK	26127.70	-29.57	-25	PASS
Band7	20	20850	100	#0	QPSK	26316.40	-29.22	-25	PASS
Band7	20	21100	1	#0	QPSK	24964.90	-29.40	-25	PASS
Band7	20	21100	100	#0	QPSK	25276.00	-29.49	-25	PASS
Band7	20	21350	1	#0	QPSK	26469.40	-28.81	-25	PASS
Band7	20	21350	100	#0	QPSK	26454.10	-29.36	-25	PASS



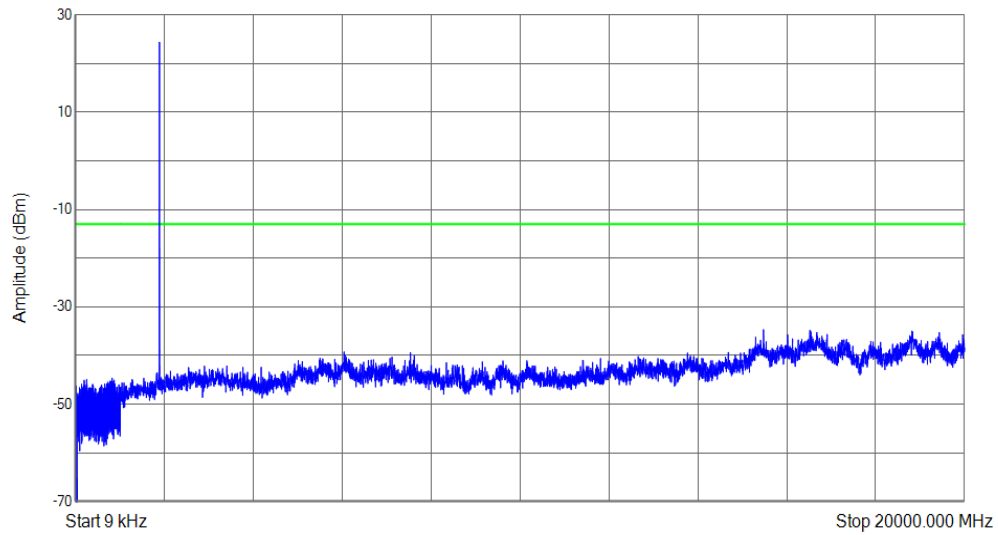
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012	-45.49	-13
2	0.15	30	10	0.180	-49.13	-13
3	30	1000	1000	569.126	-43.92	-13
4	1000	20000	1000	16705.400	-34.79	-13

Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0 NVNT



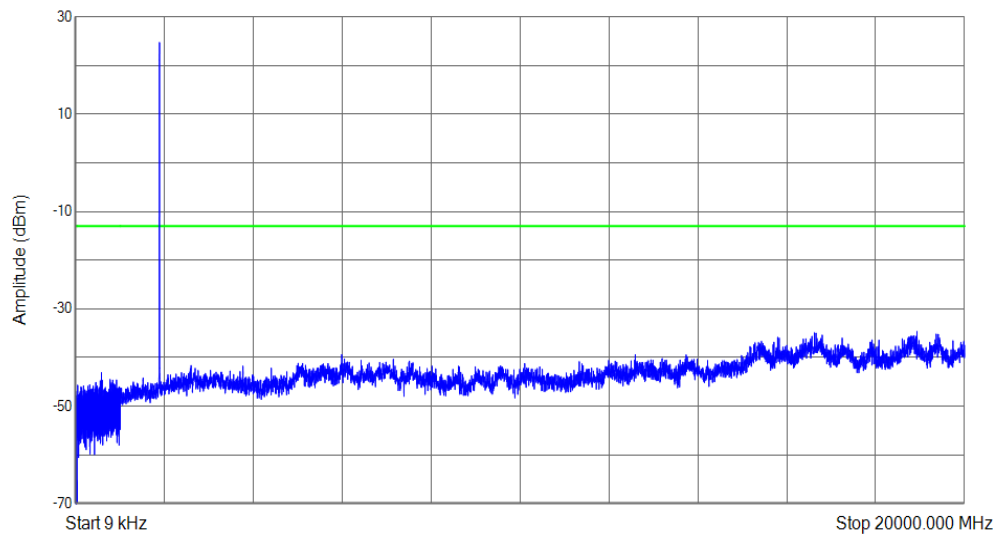
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-43.93	-13
2	0.15	30	10	0.162	-48.54	-13
3	30	1000	1000	927.250	-43.8	-13
4	1000	20000	1000	16754.800	-34.08	-13

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



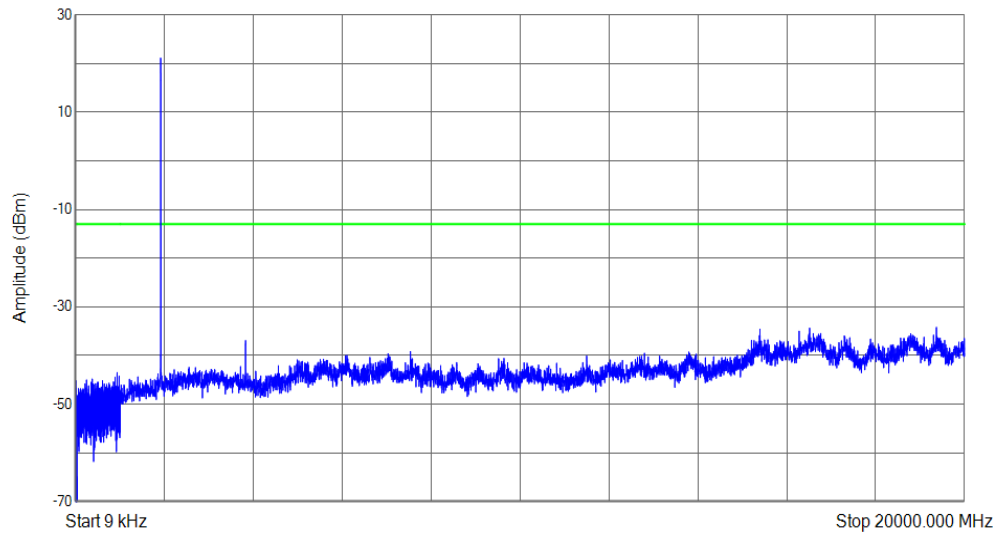
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.014	-46.26	-13
2	0.15	30	10	0.150	-49.35	-13
3	30	1000	1000	816.088	-44.66	-13
4	1000	20000	1000	15474.200	-34.7	-13

Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0 NVNT



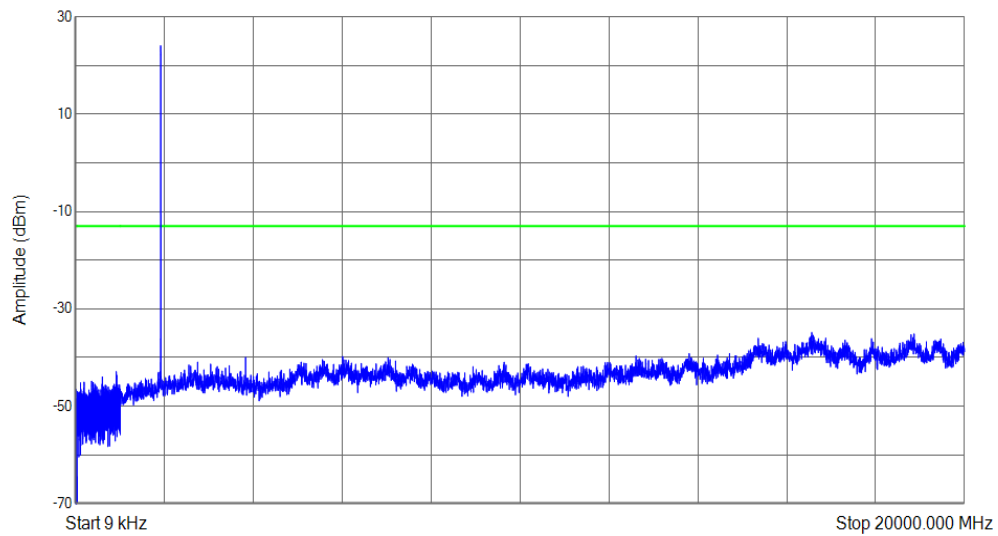
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-46.93	-13
2	0.15	30	10	0.174	-47.86	-13
3	30	1000	1000	576.304	-43.13	-13
4	1000	20000	1000	18928.400	-34.67	-13

Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0 NVNT



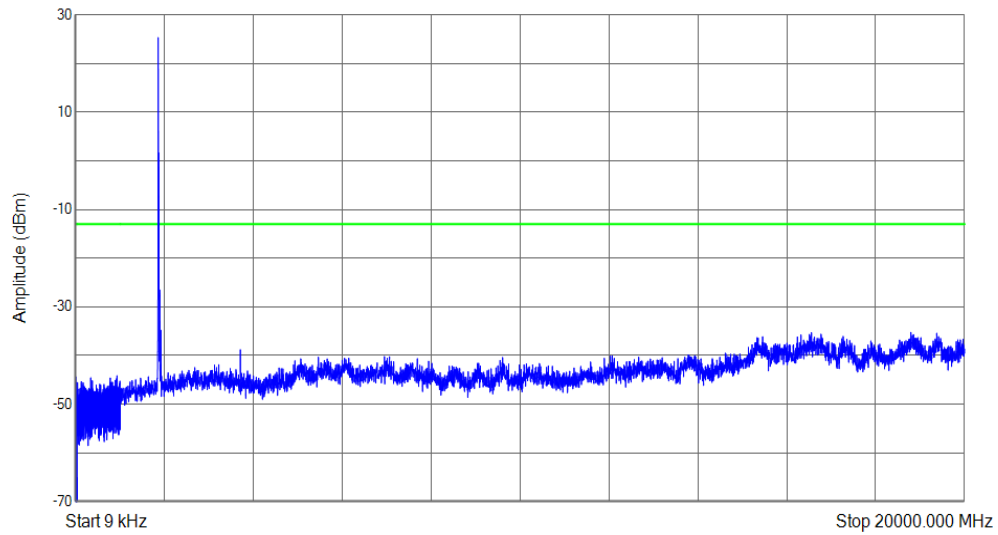
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.24	-13
2	0.15	30	10	0.162	-48.37	-13
3	30	1000	1000	928.220	-43.5	-13
4	1000	20000	1000	19365.400	-34.23	-13

Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0 NVNT



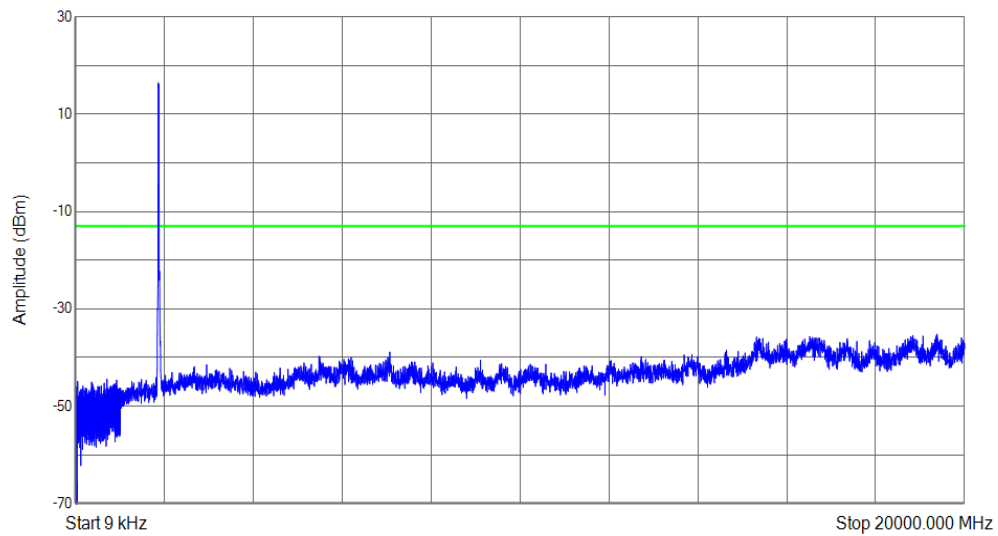
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.015	-46.61	-13
2	0.15	30	10	0.162	-48.65	-13
3	30	1000	1000	908.626	-42.91	-13
4	1000	20000	1000	16561.000	-34.88	-13

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



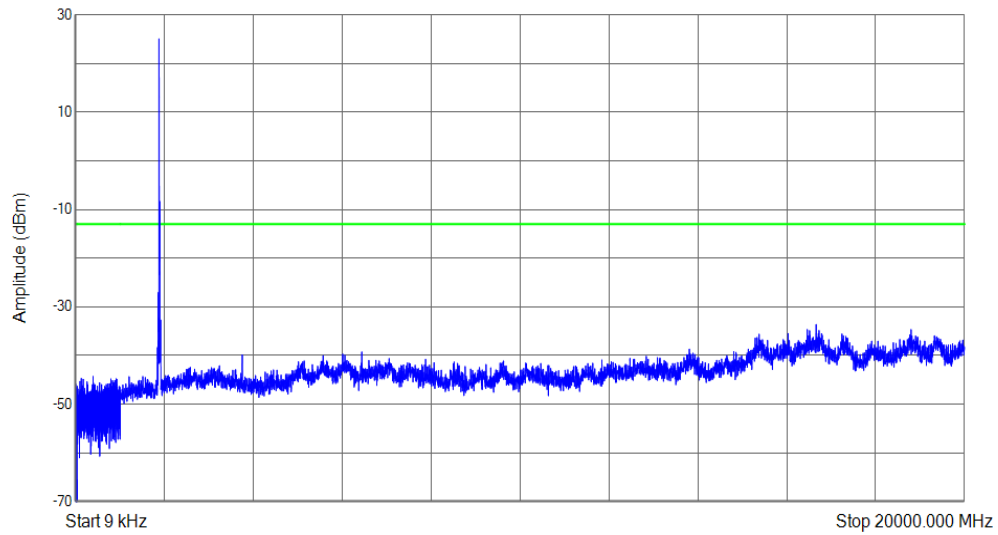
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010	-45.64	-13
2	0.15	30	10	0.156	-44.4	-13
3	30	1000	1000	925.504	-44.16	-13
4	1000	20000	1000	18791.600	-35.25	-13

Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0 NVNT



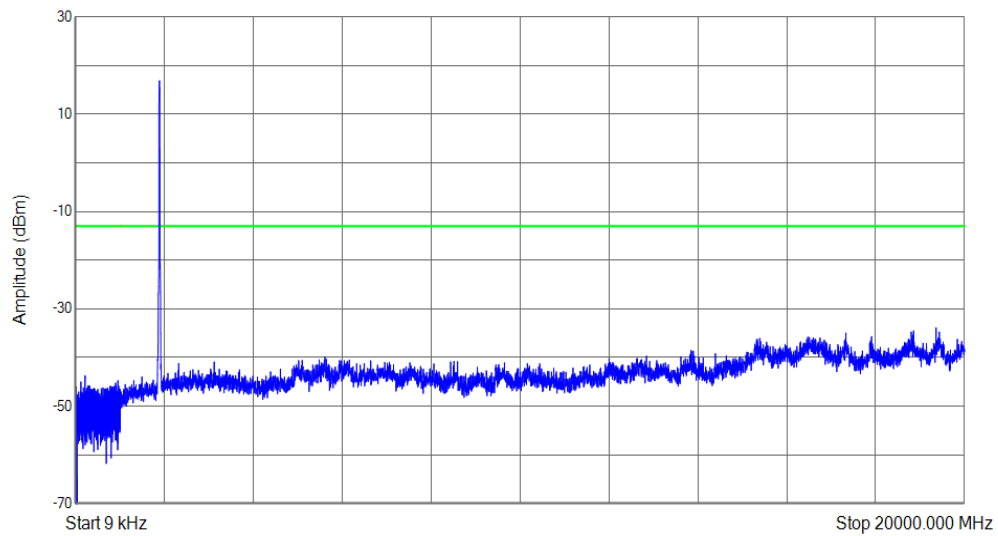
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.014	-45.97	-13
2	0.15	30	10	0.150	-47.68	-13
3	30	1000	1000	700.852	-44.48	-13
4	1000	20000	1000	19380.600	-35.24	-13

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



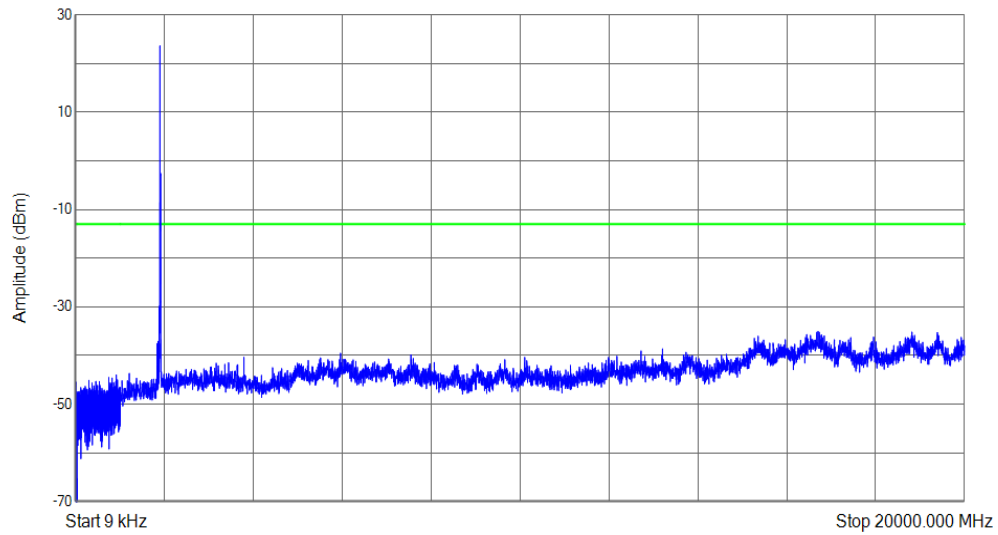
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011	-46.63	-13
2	0.15	30	10	0.150	-45.92	-13
3	30	1000	1000	388.318	-44.34	-13
4	1000	20000	1000	16659.800	-33.64	-13

Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0 NVNT



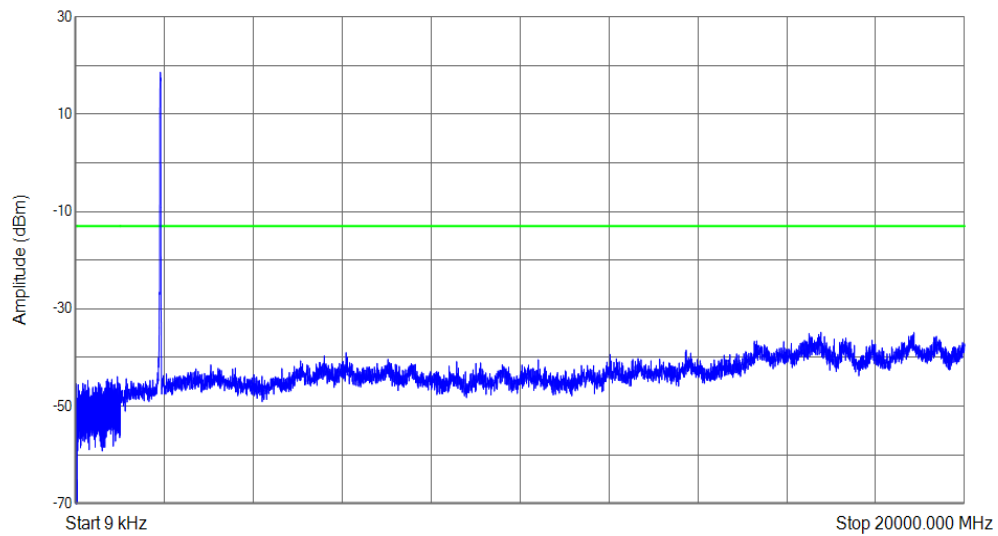
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.014	-46.09	-13
2	0.15	30	10	0.150	-47.65	-13
3	30	1000	1000	206.734	-43.74	-13
4	1000	20000	1000	19357.800	-33.88	-13

Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0 NVNT



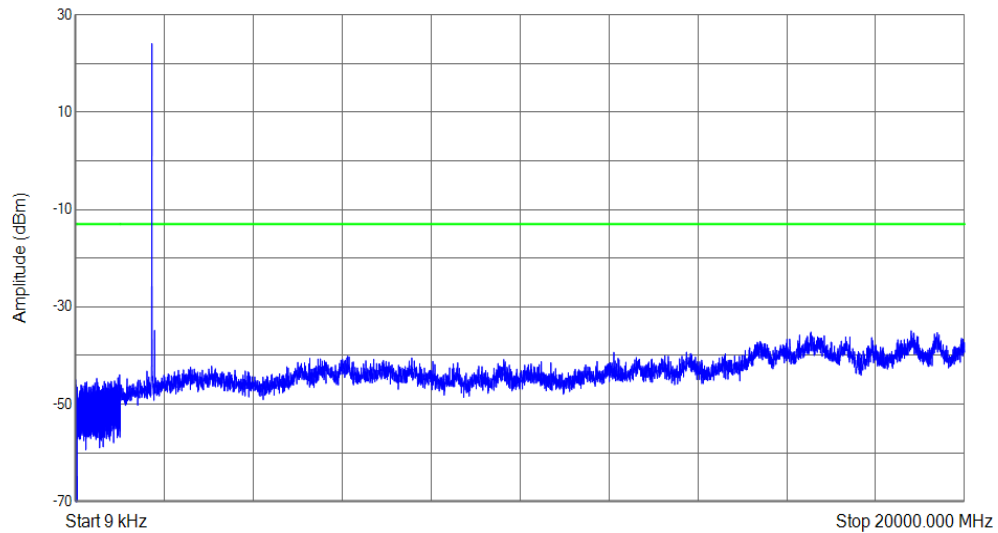
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011	-45.51	-13
2	0.15	30	10	0.156	-48.66	-13
3	30	1000	1000	909.208	-44.01	-13
4	1000	20000	1000	16701.600	-35.04	-13

Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#0 NVNT



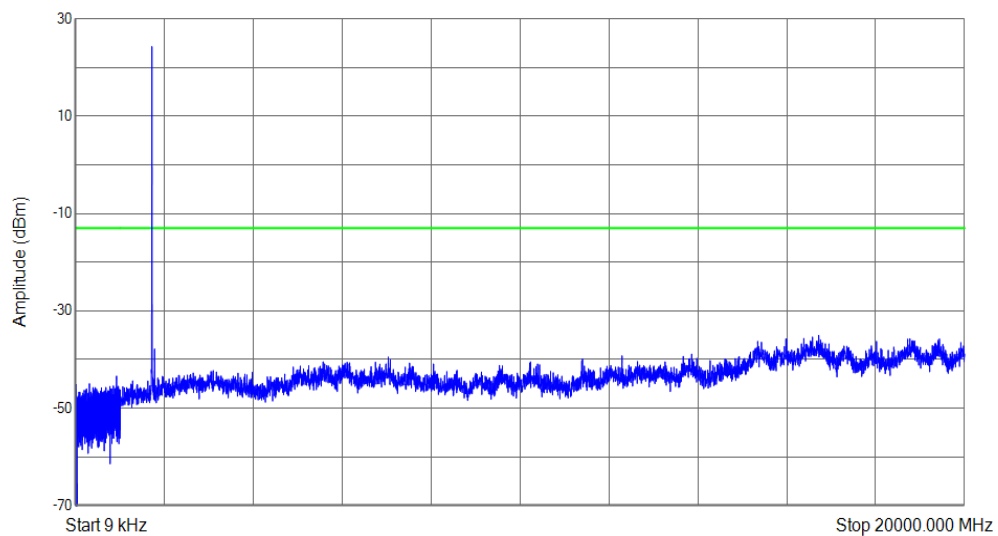
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.013	-45.41	-13
2	0.15	30	10	0.180	-48.05	-13
3	30	1000	1000	933.846	-43.94	-13
4	1000	20000	1000	16766.200	-34.83	-13

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



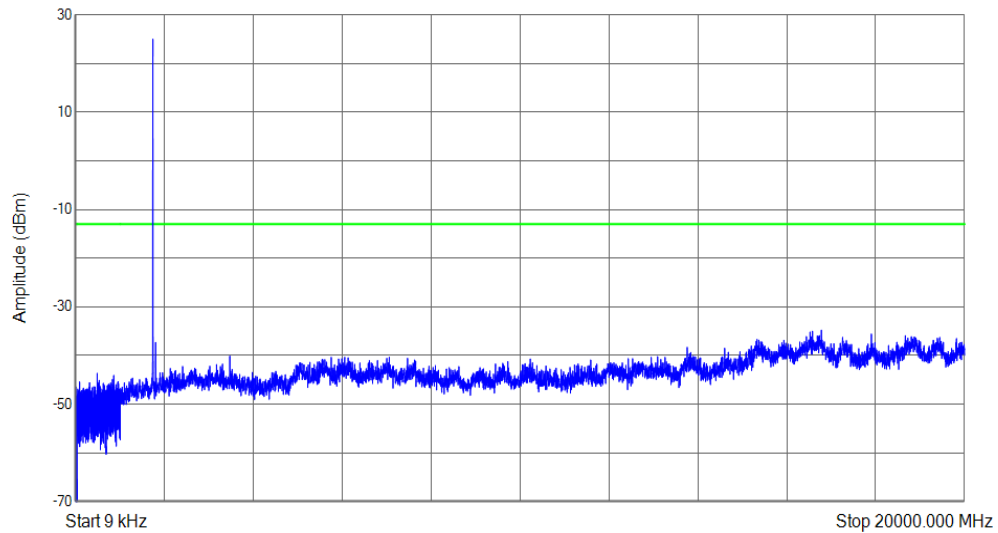
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-44.98	-13
2	0.15	30	10	0.156	-46.77	-13
3	30	1000	1000	984.092	-43.97	-13
4	1000	20000	1000	1771.400	-34.86	-13

Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0 NVNT



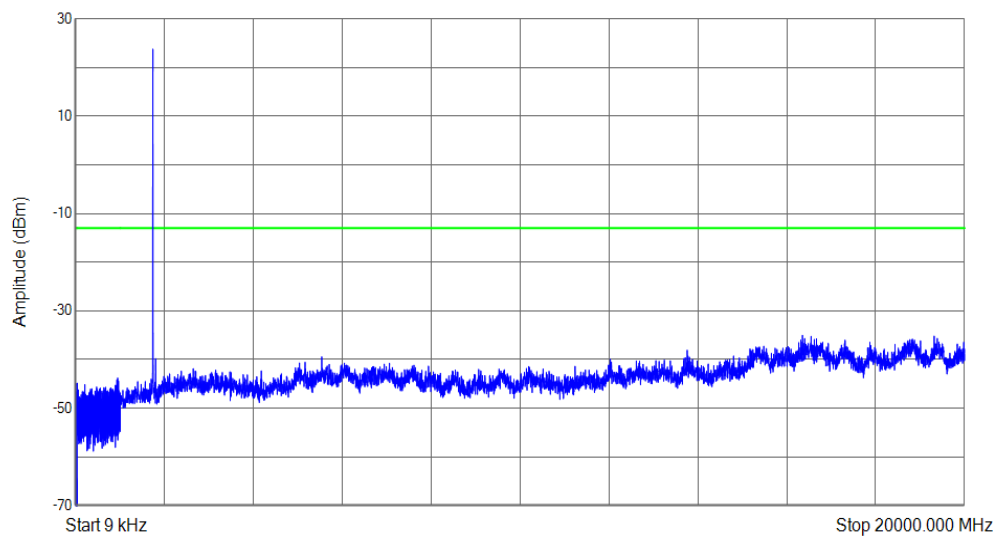
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011	-45.15	-13
2	0.15	30	10	0.168	-46.62	-13
3	30	1000	1000	915.610	-43.43	-13
4	1000	20000	1000	16716.800	-35.04	-13

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



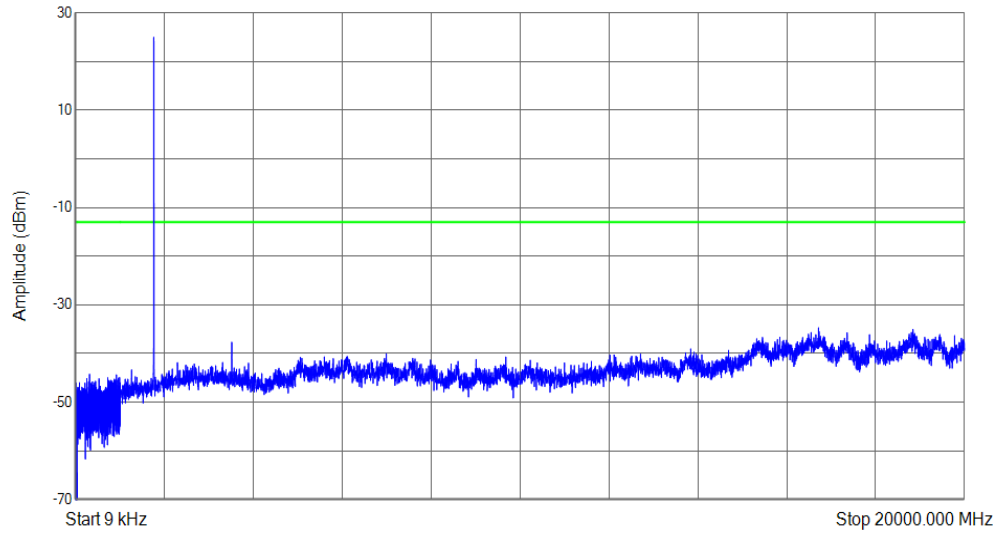
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-48.24	-13
2	0.15	30	10	0.156	-46.47	-13
3	30	1000	1000	480.274	-43.68	-13
4	1000	20000	1000	16777.600	-34.81	-13

Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0 NVNT



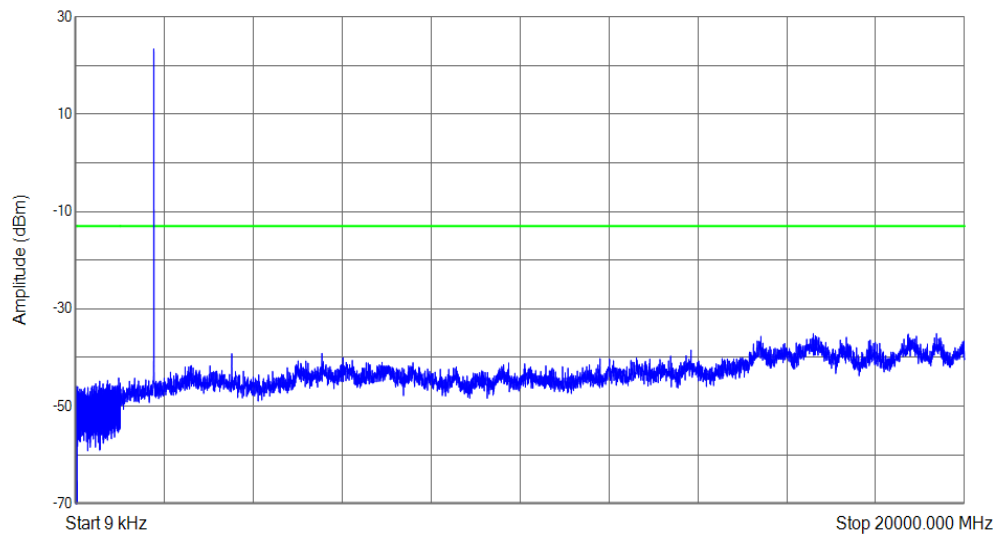
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.013	-44.98	-13
2	0.15	30	10	0.150	-47.1	-13
3	30	1000	1000	940.636	-43.85	-13
4	1000	20000	1000	16352.000	-35.04	-13

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



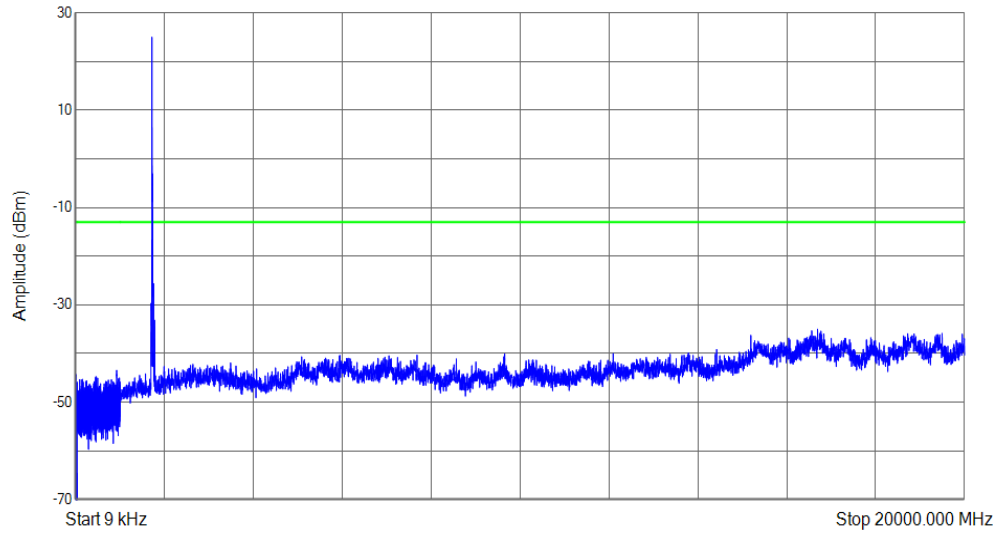
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010	-46.14	-13
2	0.15	30	10	0.162	-47.69	-13
3	30	1000	1000	307.226	-44.29	-13
4	1000	20000	1000	16713.000	-34.73	-13

Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0 NVNT



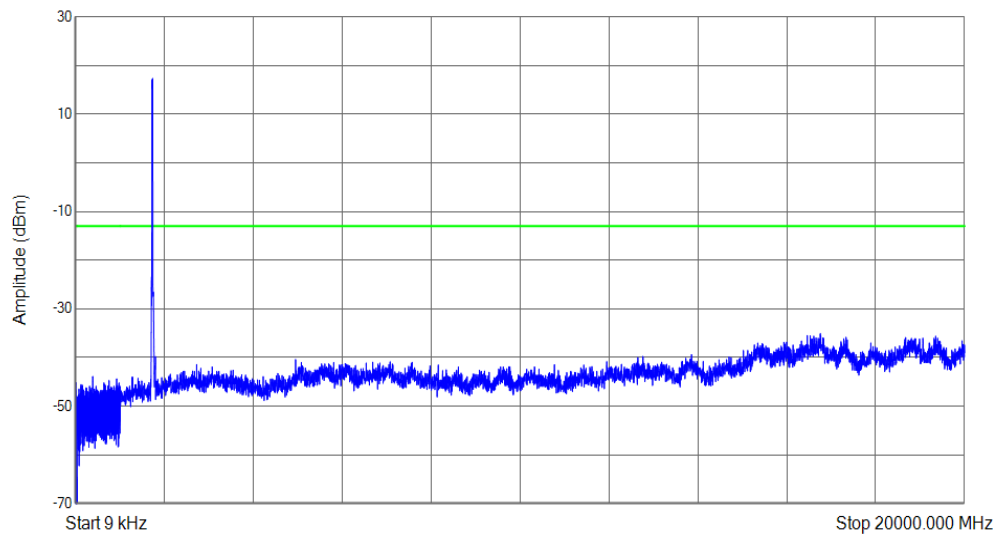
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010	-45.96	-13
2	0.15	30	10	0.150	-47.61	-13
3	30	1000	1000	963.916	-44.21	-13
4	1000	20000	1000	19369.200	-35.11	-13

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



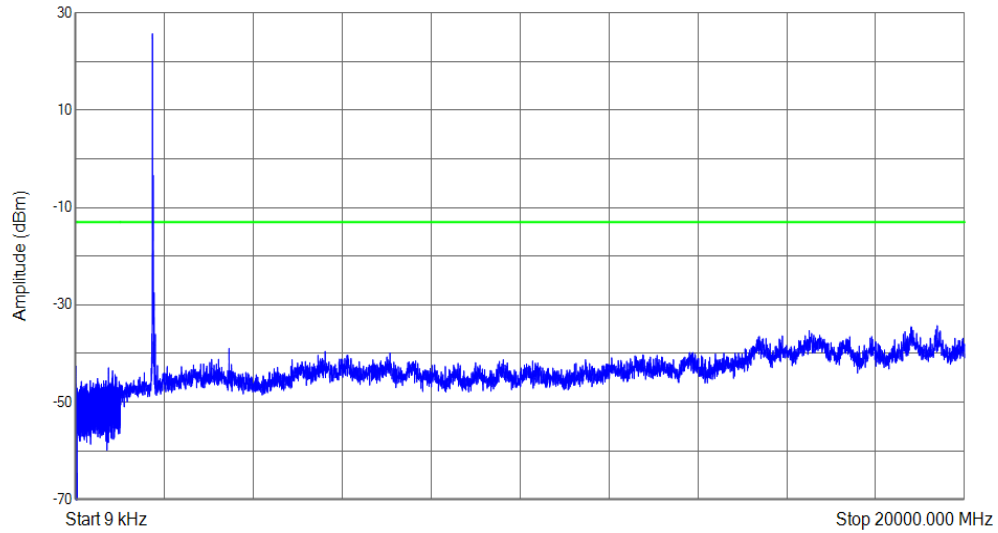
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-44.33	-13
2	0.15	30	10	0.156	-47.21	-13
3	30	1000	1000	918.326	-43.48	-13
4	1000	20000	1000	16690.200	-35.01	-13

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



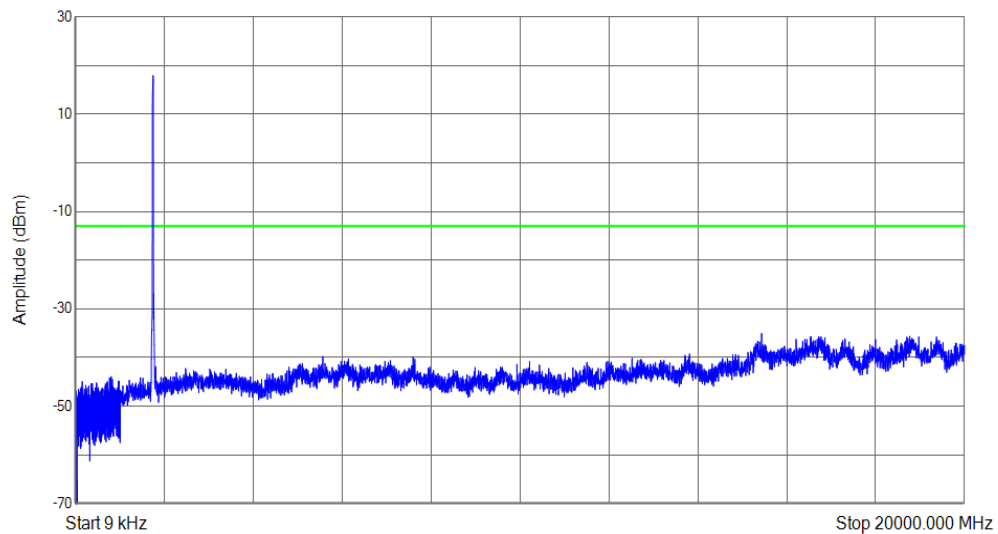
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010	-45.19	-13
2	0.15	30	10	0.162	-47.74	-13
3	30	1000	1000	379.976	-43.92	-13
4	1000	20000	1000	16754.800	-35.14	-13

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



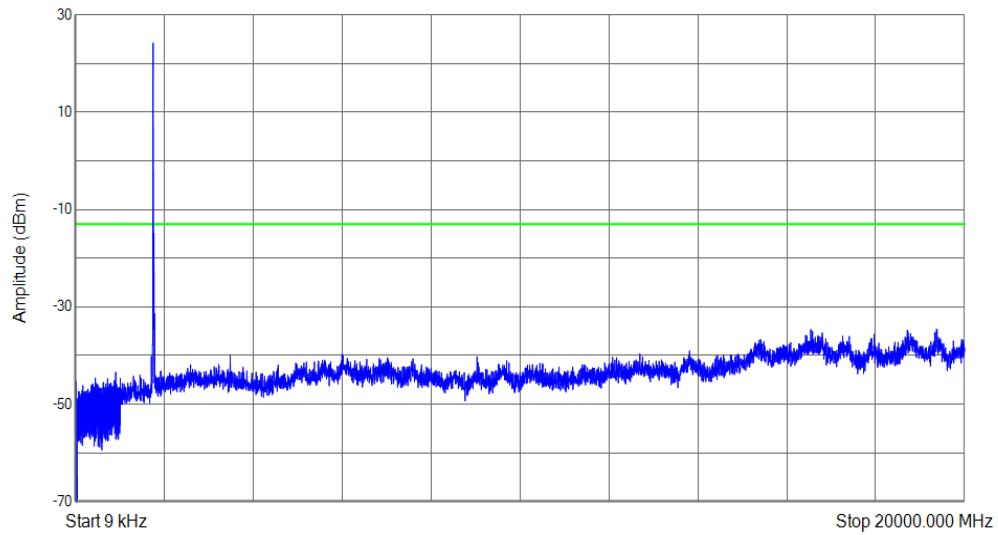
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010	-42.62	-13
2	0.15	30	10	0.150	-46.32	-13
3	30	1000	1000	735.772	-42.96	-13
4	1000	20000	1000	19384.400	-34.29	-13

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



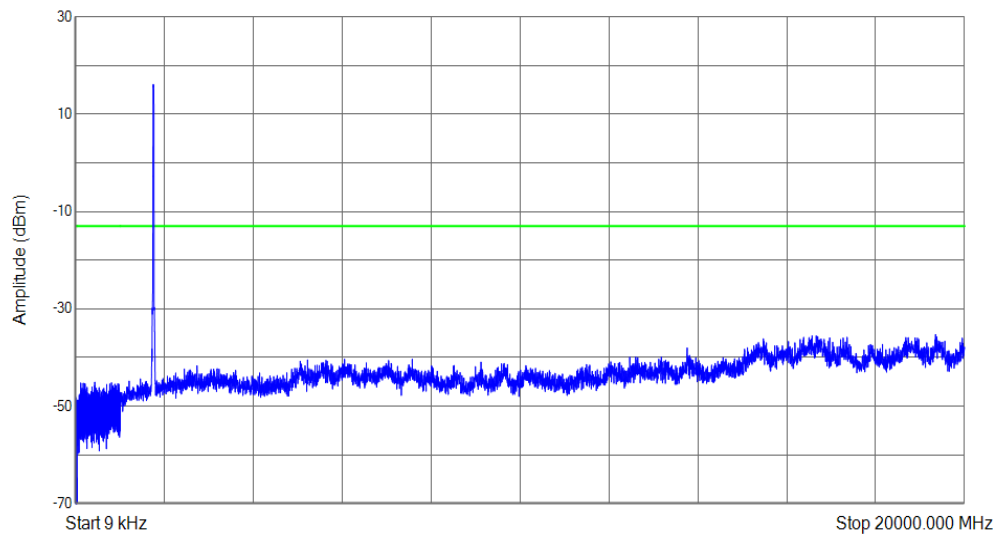
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.017	-46.91	-13
2	0.15	30	10	0.150	-47.19	-13
3	30	1000	1000	794.748	-43.95	-13
4	1000	20000	1000	15432.400	-35.05	-13

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



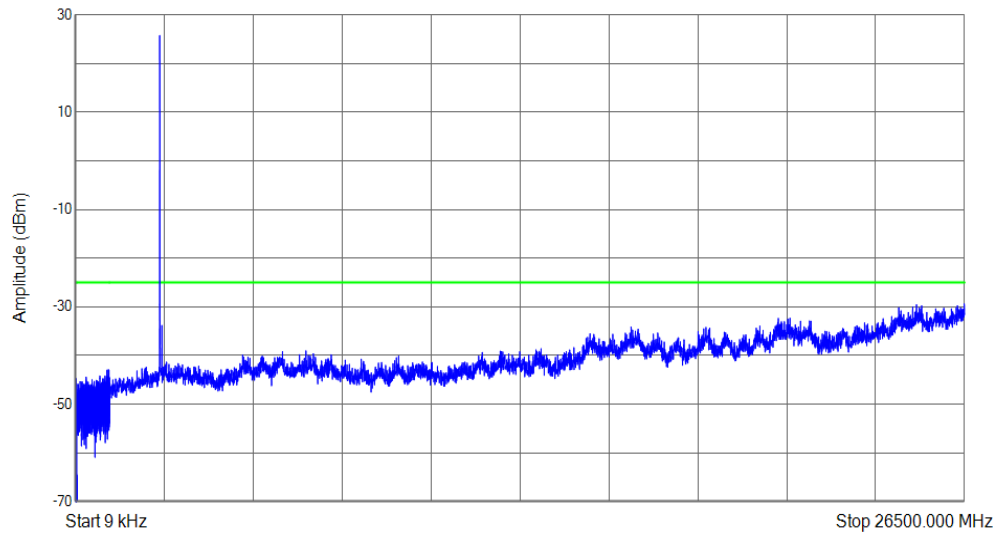
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011	-45.32	-13
2	0.15	30	10	0.150	-47.01	-13
3	30	1000	1000	896.016	-43.44	-13
4	1000	20000	1000	19380.600	-34.63	-13

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



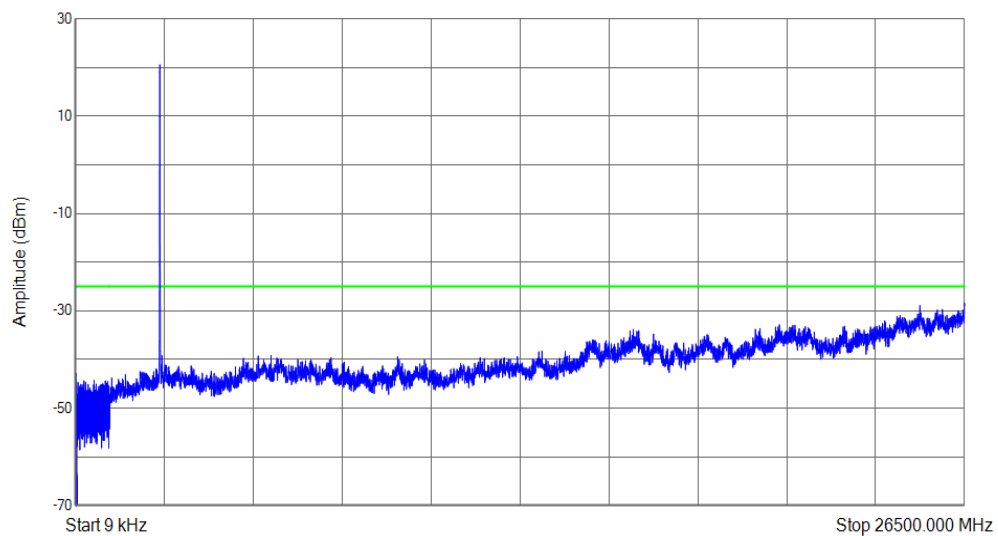
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-48.93	-13
2	0.15	30	10	0.150	-48.23	-13
3	30	1000	1000	424.984	-45.08	-13
4	1000	20000	1000	19346.400	-35.27	-13

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



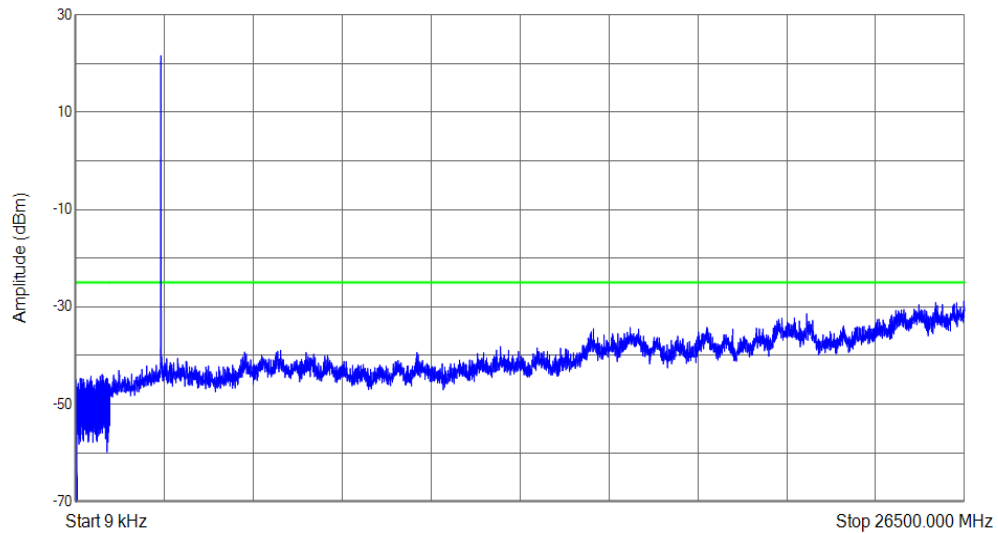
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011	-44.78	-25
2	0.15	30	10	0.150	-48.2	-25
3	30	1000	1000	984.868	-42.97	-25
4	1000	26500	1000	26489.800	-29.39	-25

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



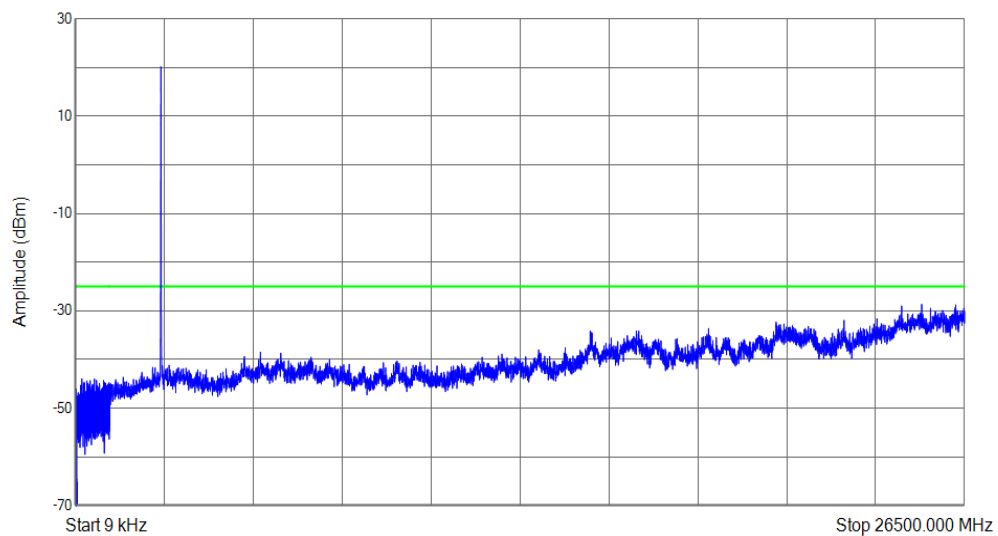
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-42.9	-25
2	0.15	30	10	0.150	-48	-25
3	30	1000	1000	544.100	-44.32	-25
4	1000	26500	1000	26494.900	-28.39	-25

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



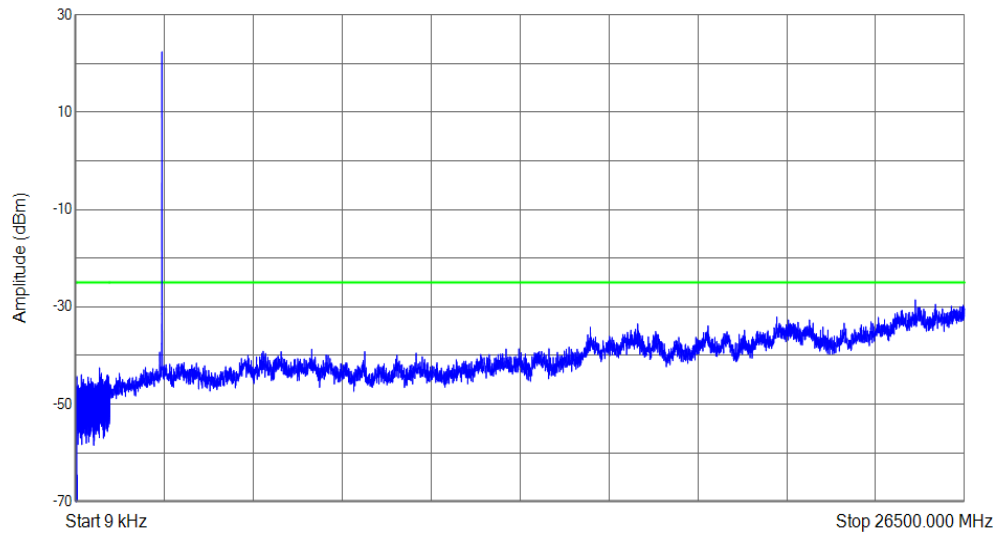
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-44.92	-25
2	0.15	30	10	0.150	-46.68	-25
3	30	1000	1000	784.078	-43.92	-25
4	1000	26500	1000	26479.600	-28.85	-25

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



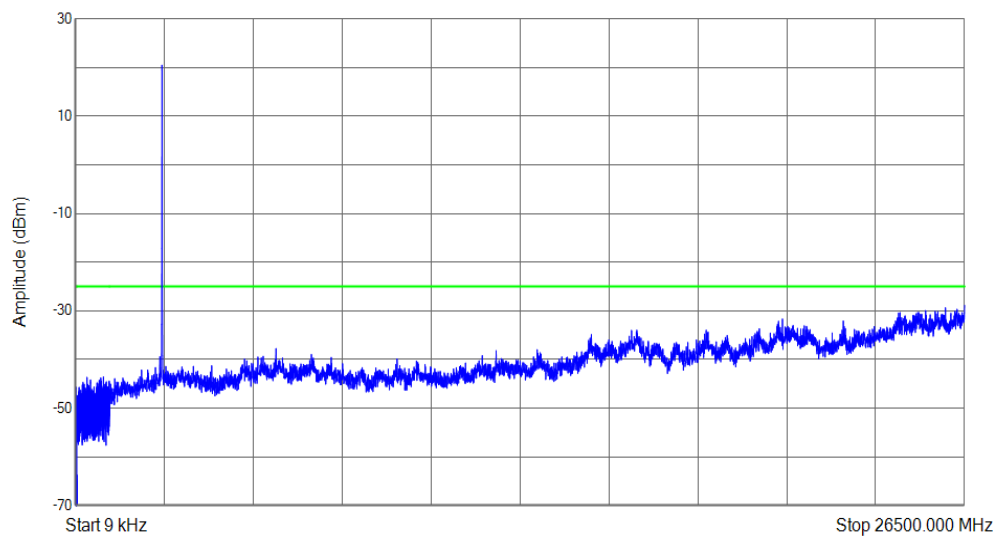
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011	-46.06	-25
2	0.15	30	10	0.156	-46.56	-25
3	30	1000	1000	179.574	-44.01	-25
4	1000	26500	1000	25219.900	-28.68	-25

Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0 NVNT



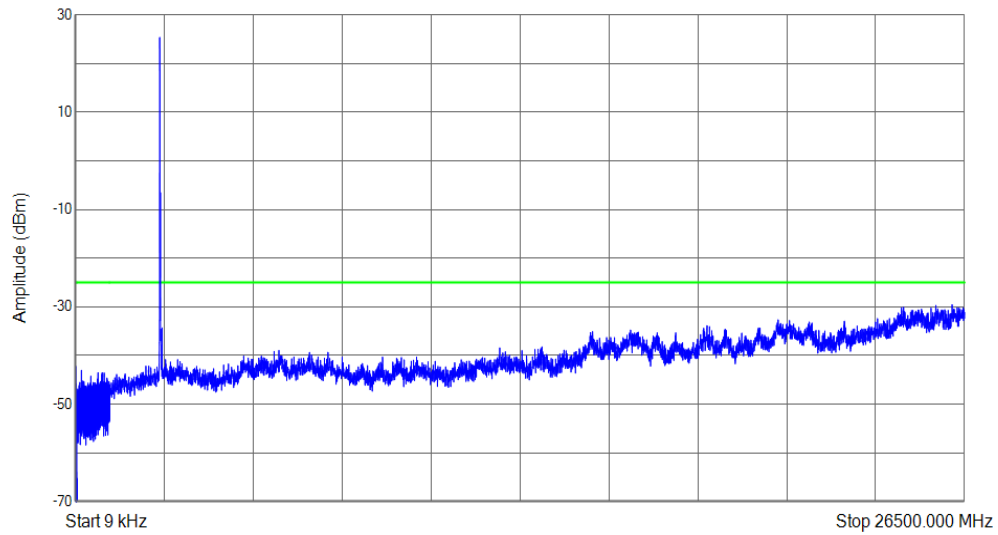
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-46.2	-25
2	0.15	30	10	0.174	-48.11	-25
3	30	1000	1000	705.314	-42.55	-25
4	1000	26500	1000	25031.200	-28.57	-25

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



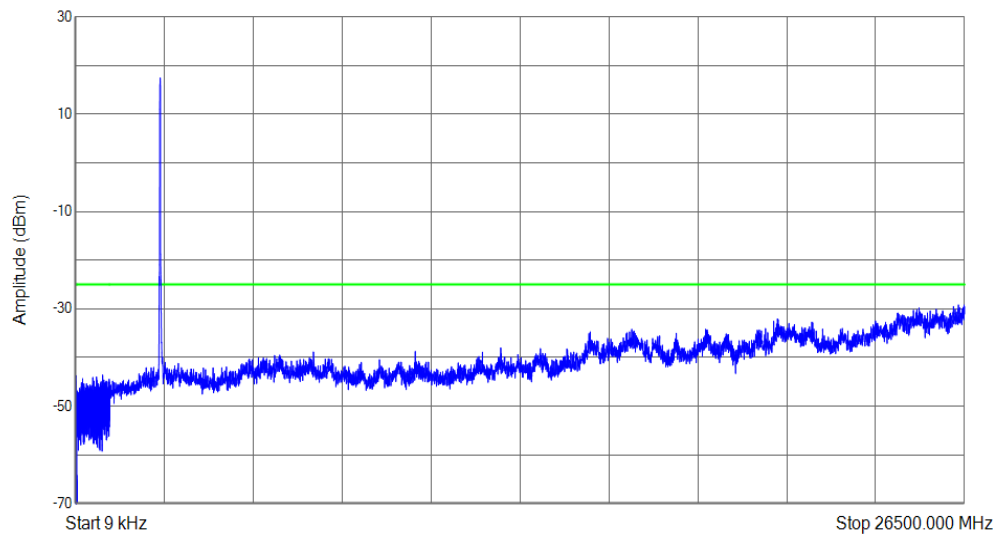
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010	-45.71	-25
2	0.15	30	10	0.150	-47.77	-25
3	30	1000	1000	821.908	-43.6	-25
4	1000	26500	1000	26500.000	-28.86	-25

Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0 NVNT



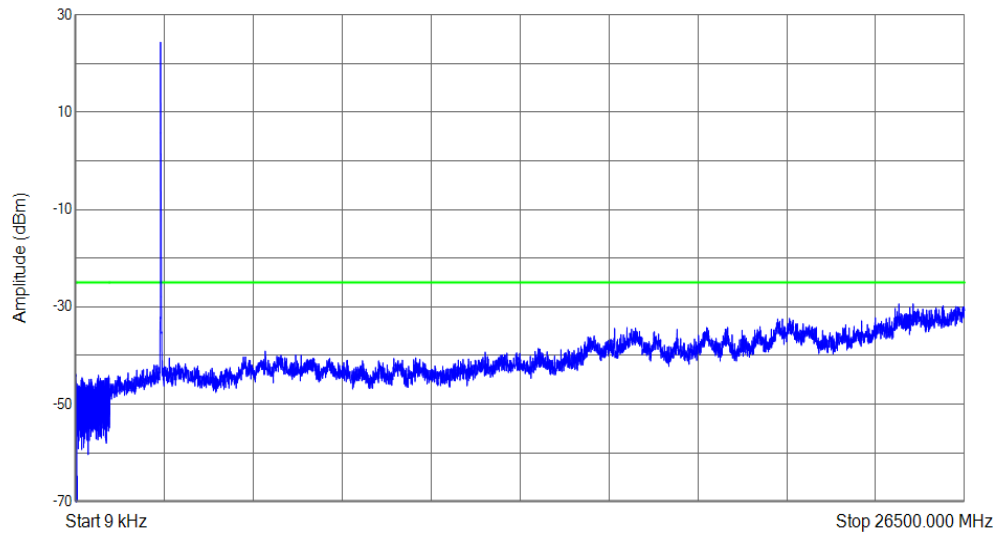
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.85	-25
2	0.15	30	10	0.150	-42.25	-25
3	30	1000	1000	167.352	-43.04	-25
4	1000	26500	1000	26127.700	-29.57	-25

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



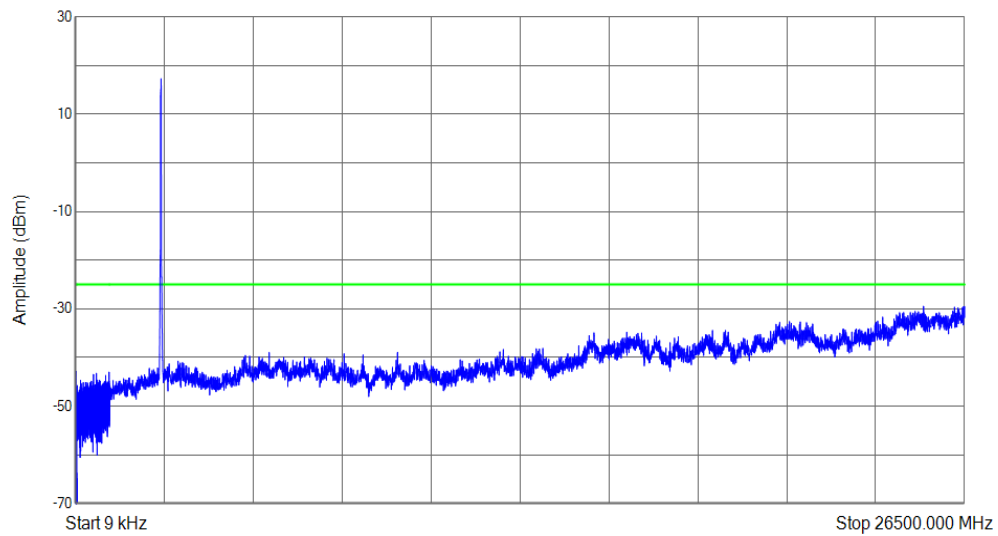
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-43.75	-25
2	0.15	30	10	0.150	-45.78	-25
3	30	1000	1000	799.210	-43.62	-25
4	1000	26500	1000	26316.400	-29.22	-25

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



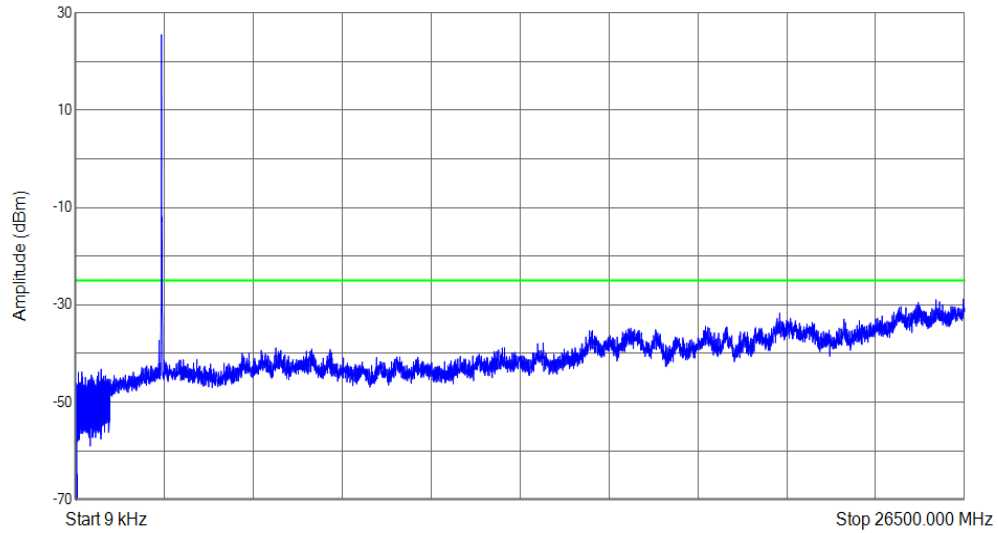
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-43.92	-25
2	0.15	30	10	0.150	-45.99	-25
3	30	1000	1000	674.662	-44.08	-25
4	1000	26500	1000	24964.900	-29.4	-25

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



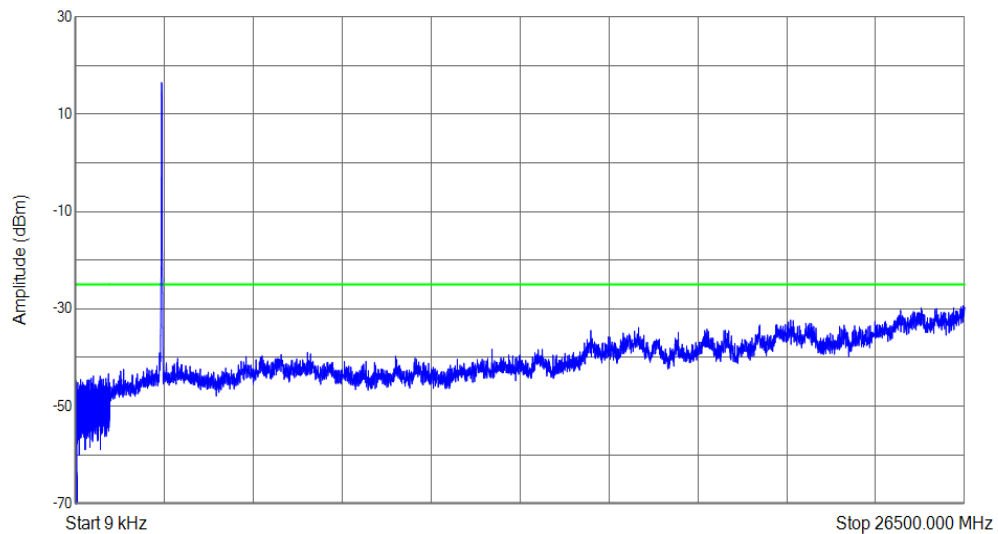
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012	-42.85	-25
2	0.15	30	10	0.156	-47.79	-25
3	30	1000	1000	988.166	-43.01	-25
4	1000	26500	1000	25276.000	-29.49	-25

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.014	-46.15	-25
2	0.15	30	10	0.156	-47.33	-25
3	30	1000	1000	753.620	-43.26	-25
4	1000	26500	1000	26469.400	-28.81	-25

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012	-44.81	-25
2	0.15	30	10	0.150	-46.65	-25
3	30	1000	1000	974.780	-43.35	-25
4	1000	26500	1000	26454.100	-29.36	-25

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

6. Frequency stability

6.1. Test Data

Band	Channel	Frequency (MHz)	P. S. (Vdc)	Temp. (°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE Band2 QPSK BW: 20MHz	18900	1880.0	3.85	-30	5.09	0.003	±2.5	PASS
				-20	11.93	0.006	±2.5	PASS
				-10	24.82	0.013	±2.5	PASS
				0	12.52	0.007	±2.5	PASS
				10	-1.32	-0.001	±2.5	PASS
				20	-10.66	-0.006	±2.5	PASS
				30	-11.63	-0.006	±2.5	PASS
				40	-6.47	-0.003	±2.5	PASS
				50	9.21	0.005	±2.5	PASS
			3.50	25	-12.36	-0.007	±2.5	PASS
			3.85		-24.14	-0.013	±2.5	PASS
			4.30		16.45	0.009	±2.5	PASS
LTE Band2 16QAM BW: 20MHz	18900	1880.0	3.85	-30	-19.43	-0.010	±2.5	PASS
				-20	18.95	0.010	±2.5	PASS
				-10	19.21	0.010	±2.5	PASS
				0	-11.36	-0.006	±2.5	PASS
				10	-2.32	-0.001	±2.5	PASS
				20	-14.25	-0.008	±2.5	PASS
				30	-25.54	-0.014	±2.5	PASS
				40	13.69	0.007	±2.5	PASS
				50	14.20	0.008	±2.5	PASS
			3.50	25	-12.10	-0.006	±2.5	PASS
			3.85		-25.32	-0.013	±2.5	PASS
			4.30		12.36	0.007	±2.5	PASS
LTE Band4 QPSK BW: 20MHz	20175	1732.5	3.85	-30	-2.88	-0.002	±2.5	PASS
				-20	13.58	0.008	±2.5	PASS
				-10	10.84	0.006	±2.5	PASS
				0	13.65	0.008	±2.5	PASS
				10	-12.60	-0.007	±2.5	PASS
				20	-14.58	-0.008	±2.5	PASS
				30	-5.55	-0.003	±2.5	PASS
				40	5.76	0.003	±2.5	PASS
				50	16.36	0.009	±2.5	PASS
			3.50	25	-11.52	-0.007	±2.5	PASS
			3.85		12.36	0.007	±2.5	PASS
			4.30		13.85	0.008	±2.5	PASS
LTE Band4 16QAM BW: 20MHz	20175	1732.5	3.85	-30	-12.96	-0.007	±2.5	PASS
				-20	13.58	0.008	±2.5	PASS
				-10	9.10	0.005	±2.5	PASS
				0	8.65	0.005	±2.5	PASS
				10	4.69	0.003	±2.5	PASS
				20	-18.36	-0.011	±2.5	PASS
				30	-17.69	-0.010	±2.5	PASS
				40	6.98	0.004	±2.5	PASS
				50	18.25	0.011	±2.5	PASS
			3.50	25	25.36	0.015	±2.5	PASS
			3.85		-24.36	-0.014	±2.5	PASS
			4.30		12.88	0.007	±2.5	PASS

Band	Channel	Frequency (MHz)	P. S. (Vdc)	Temp. (°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
LTE Band7 QPSK BW: 20MHz	21100	2535.0	3.85	-30	21.79	0.009	±2.5	PASS
				-20	-12.90	-0.005	±2.5	PASS
				-10	16.02	0.006	±2.5	PASS
				0	-21.14	-0.008	±2.5	PASS
				10	-14.36	-0.006	±2.5	PASS
				20	23.65	0.009	±2.5	PASS
				30	17.45	0.007	±2.5	PASS
				40	-1.89	-0.001	±2.5	PASS
				50	-14.66	-0.006	±2.5	PASS
			3.50	25	15.47	0.006	±2.5	PASS
			3.85		16.98	0.007	±2.5	PASS
			4.30		-24.36	-0.010	±2.5	PASS
LTE Band7 16QAM BW: 20MHz	21100	2535.0	3.85	-30	23.56	0.009	±2.5	PASS
				-20	-32.84	-0.013	±2.5	PASS
				-10	9.98	0.004	±2.5	PASS
				0	10.58	0.004	±2.5	PASS
				10	9.87	0.004	±2.5	PASS
				20	12.87	0.005	±2.5	PASS
				30	-16.35	-0.006	±2.5	PASS
				40	-10.55	-0.004	±2.5	PASS
				50	-19.32	-0.008	±2.5	PASS
			3.50	25	2.36	0.001	±2.5	PASS
			3.85		23.18	0.009	±2.5	PASS
			4.30		-18.62	-0.007	±2.5	PASS

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