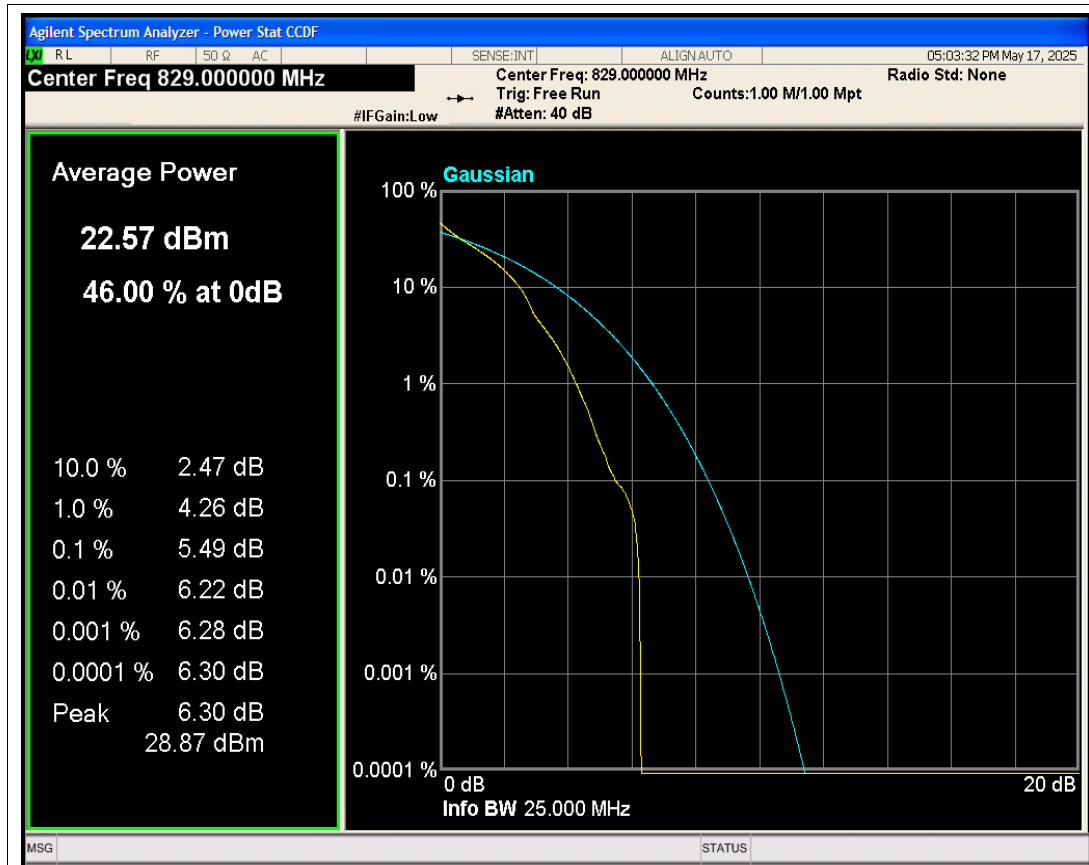
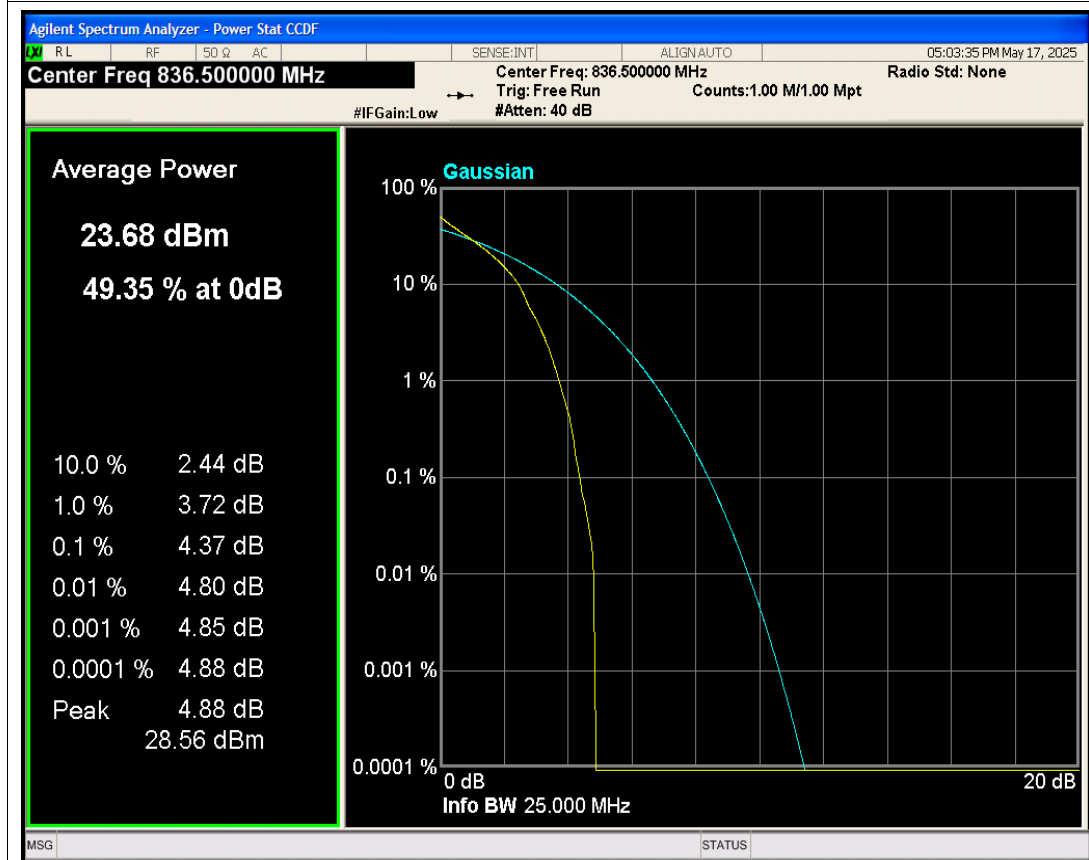
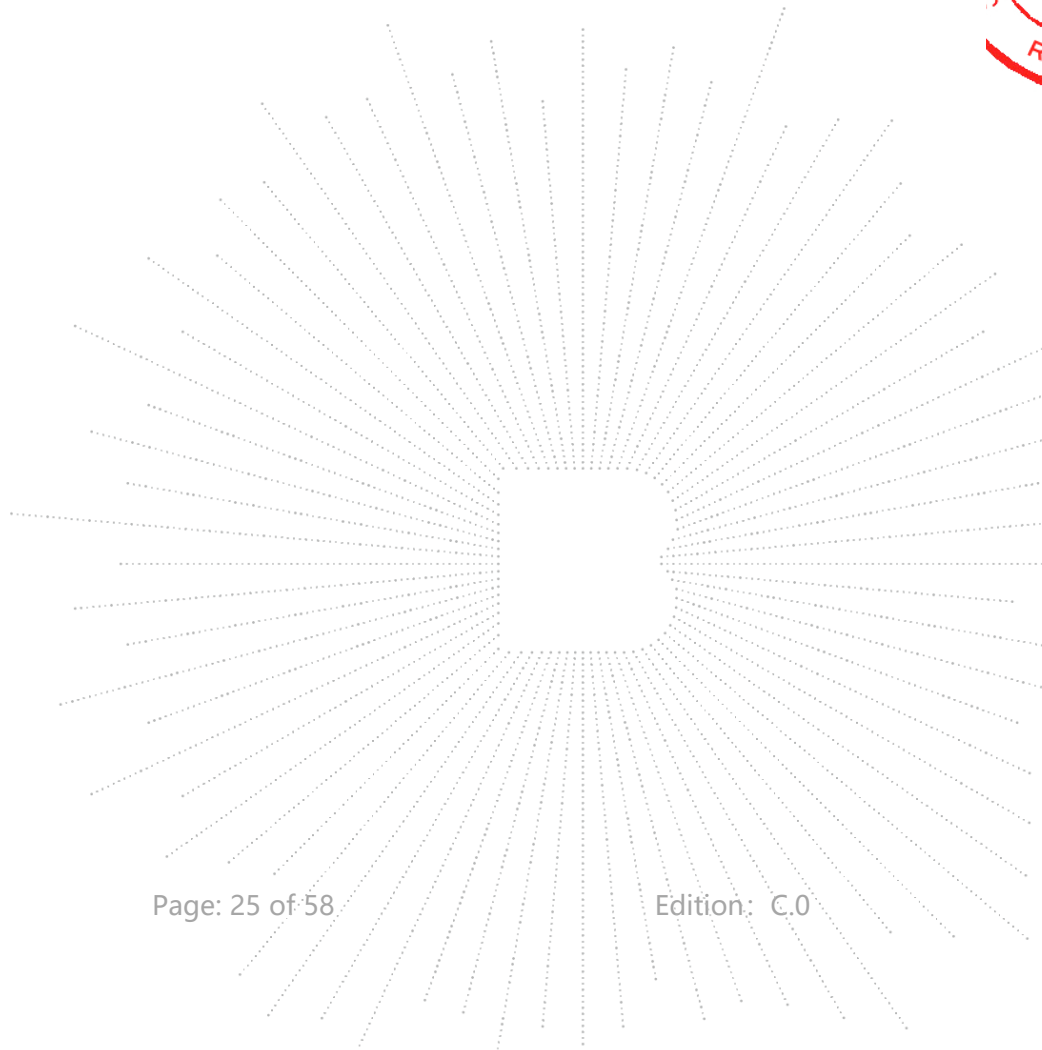
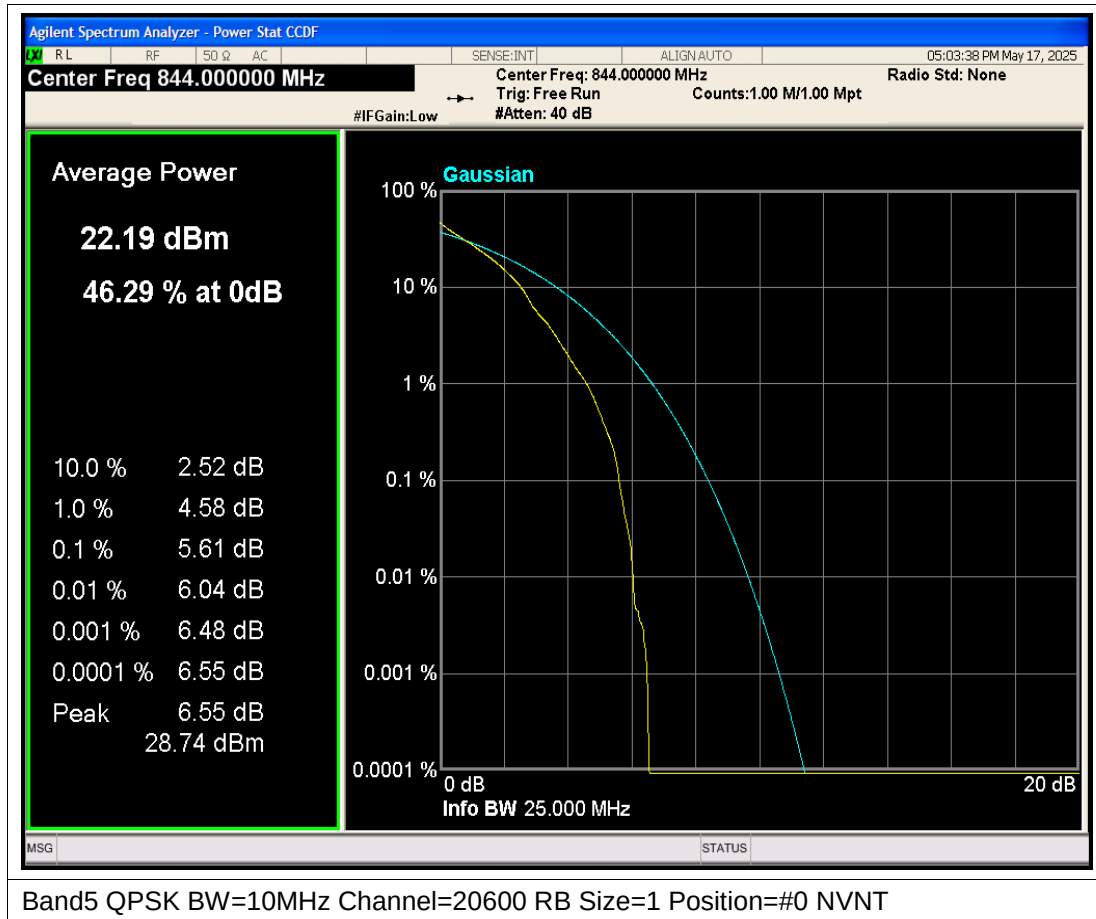




Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0 NVNT

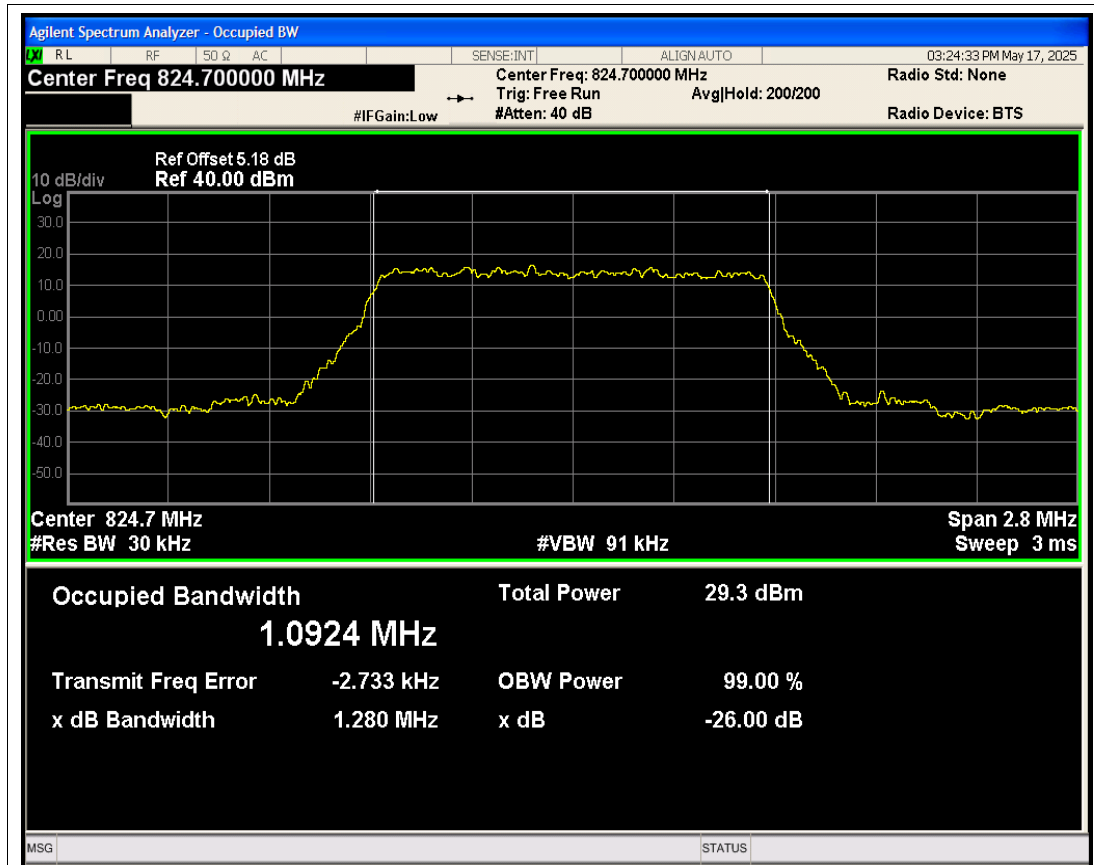


Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0 NVNT

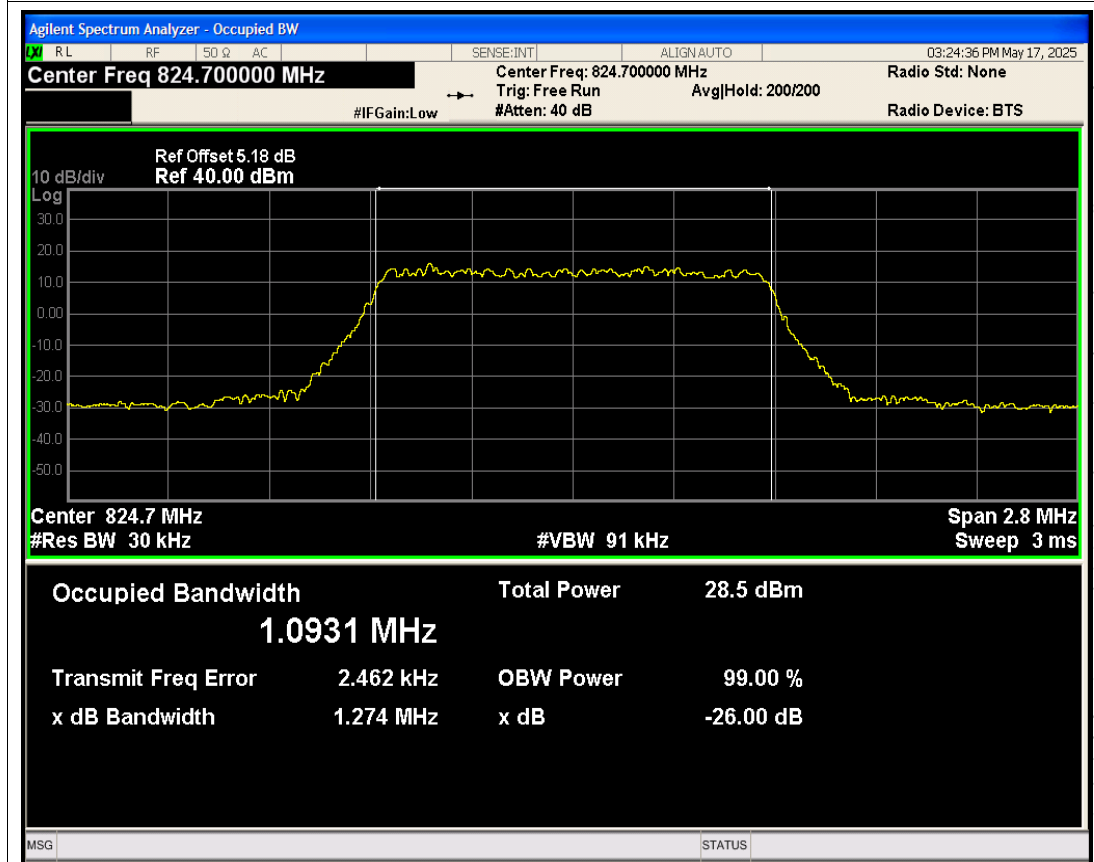


Appendix 4. Occupied bandwidth

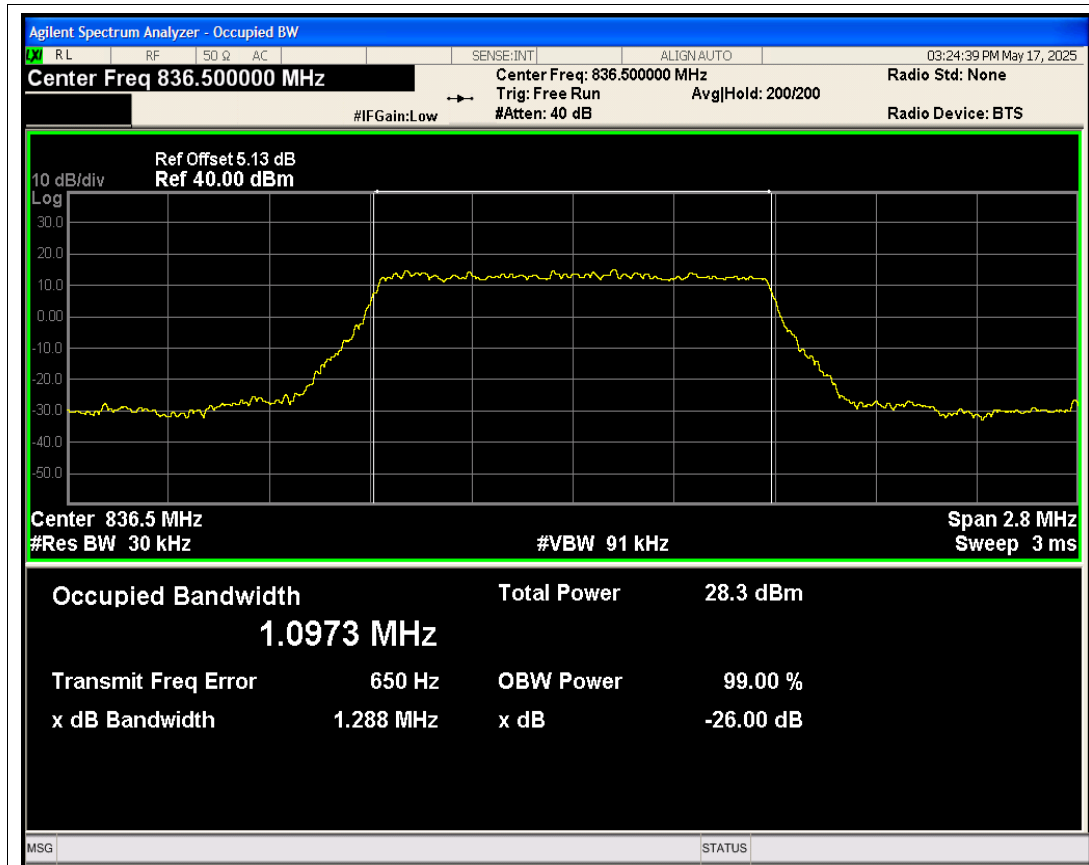
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
NVNT	Band5	1.4	20407	6	#0	QPSK	1.092	1.280	PASS
NVNT	Band5	1.4	20407	6	#0	16QAM	1.093	1.274	PASS
NVNT	Band5	1.4	20525	6	#0	QPSK	1.097	1.288	PASS
NVNT	Band5	1.4	20525	6	#0	16QAM	1.099	1.294	PASS
NVNT	Band5	1.4	20643	6	#0	QPSK	1.093	1.281	PASS
NVNT	Band5	1.4	20643	6	#0	16QAM	1.099	1.287	PASS
NVNT	Band5	3	20415	15	#0	QPSK	2.696	2.957	PASS
NVNT	Band5	3	20415	15	#0	16QAM	2.702	3.007	PASS
NVNT	Band5	3	20525	15	#0	QPSK	2.692	2.971	PASS
NVNT	Band5	3	20525	15	#0	16QAM	2.704	2.982	PASS
NVNT	Band5	3	20635	15	#0	QPSK	2.698	2.966	PASS
NVNT	Band5	3	20635	15	#0	16QAM	2.692	2.956	PASS
NVNT	Band5	5	20425	25	#0	QPSK	4.529	5.002	PASS
NVNT	Band5	5	20425	25	#0	16QAM	4.520	5.038	PASS
NVNT	Band5	5	20525	25	#0	QPSK	4.508	4.982	PASS
NVNT	Band5	5	20525	25	#0	16QAM	4.523	4.930	PASS
NVNT	Band5	5	20625	25	#0	QPSK	4.514	4.992	PASS
NVNT	Band5	5	20625	25	#0	16QAM	4.514	4.947	PASS
NVNT	Band5	10	20450	50	#0	QPSK	8.960	10.012	PASS
NVNT	Band5	10	20525	50	#0	QPSK	9.033	10.161	PASS
NVNT	Band5	10	20600	50	#0	QPSK	8.927	9.833	PASS



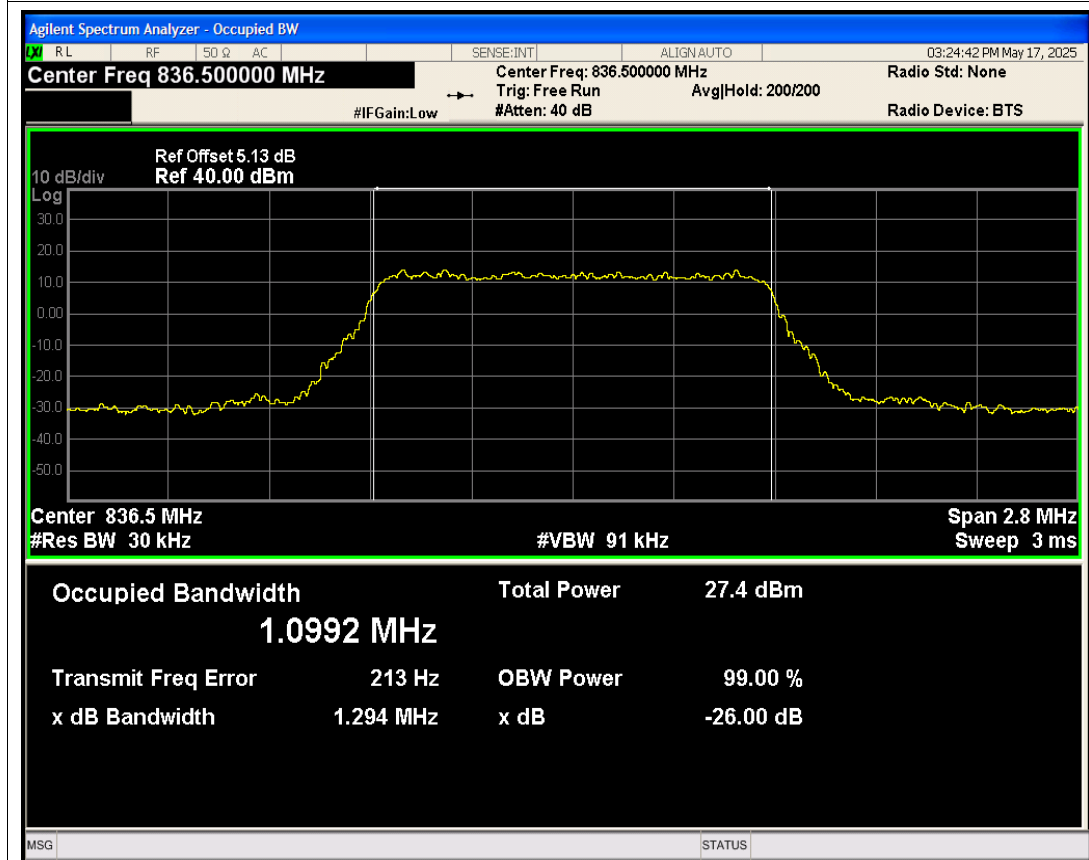
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0 NVNT



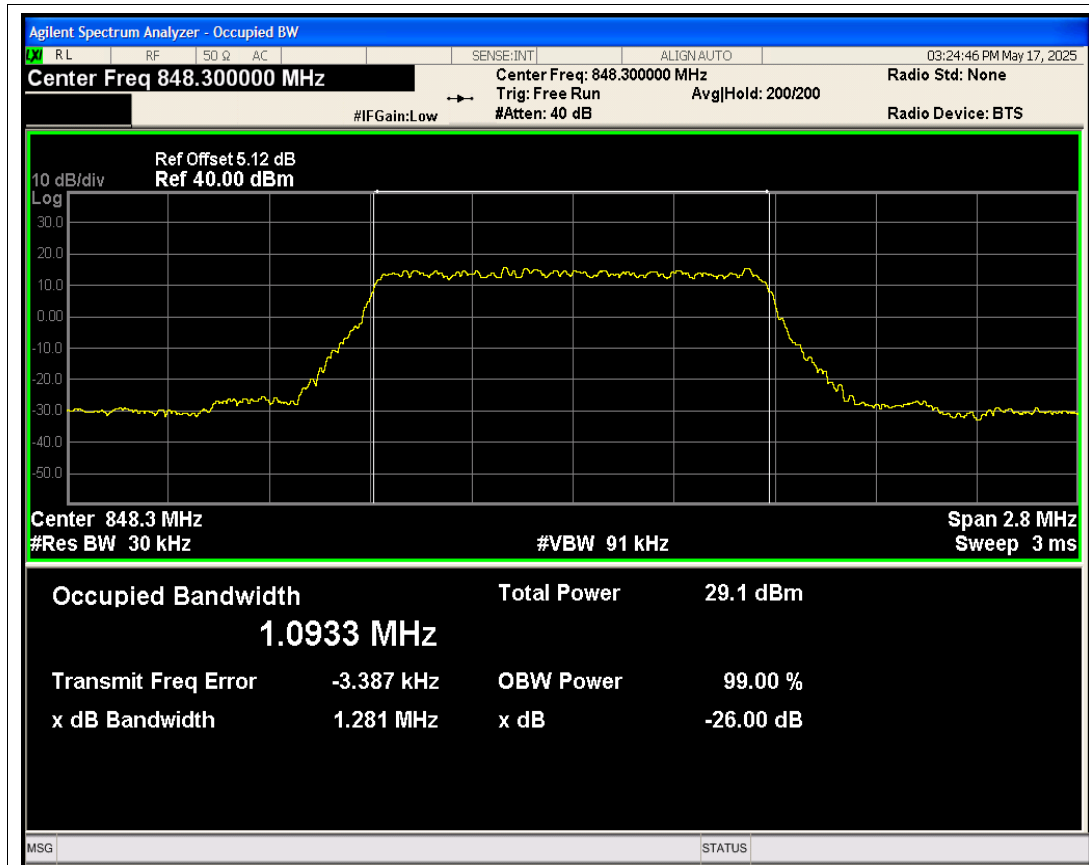
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0 NVNT



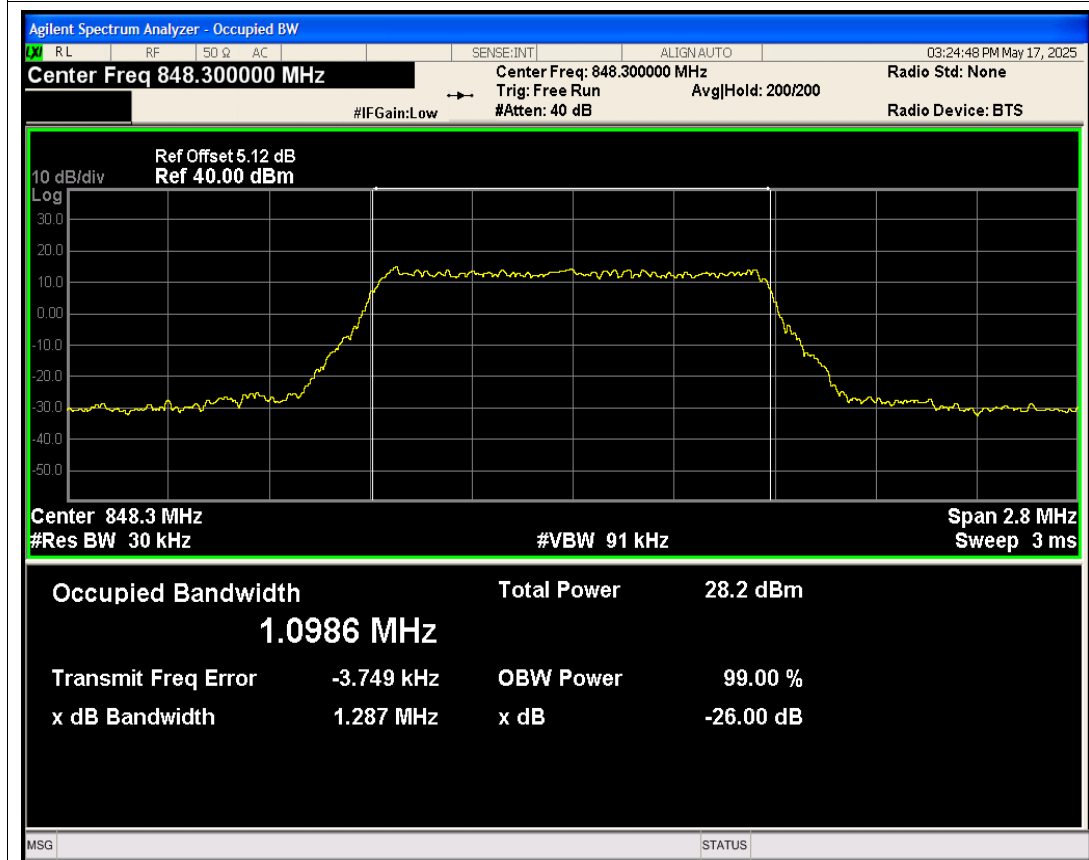
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0 NVNT



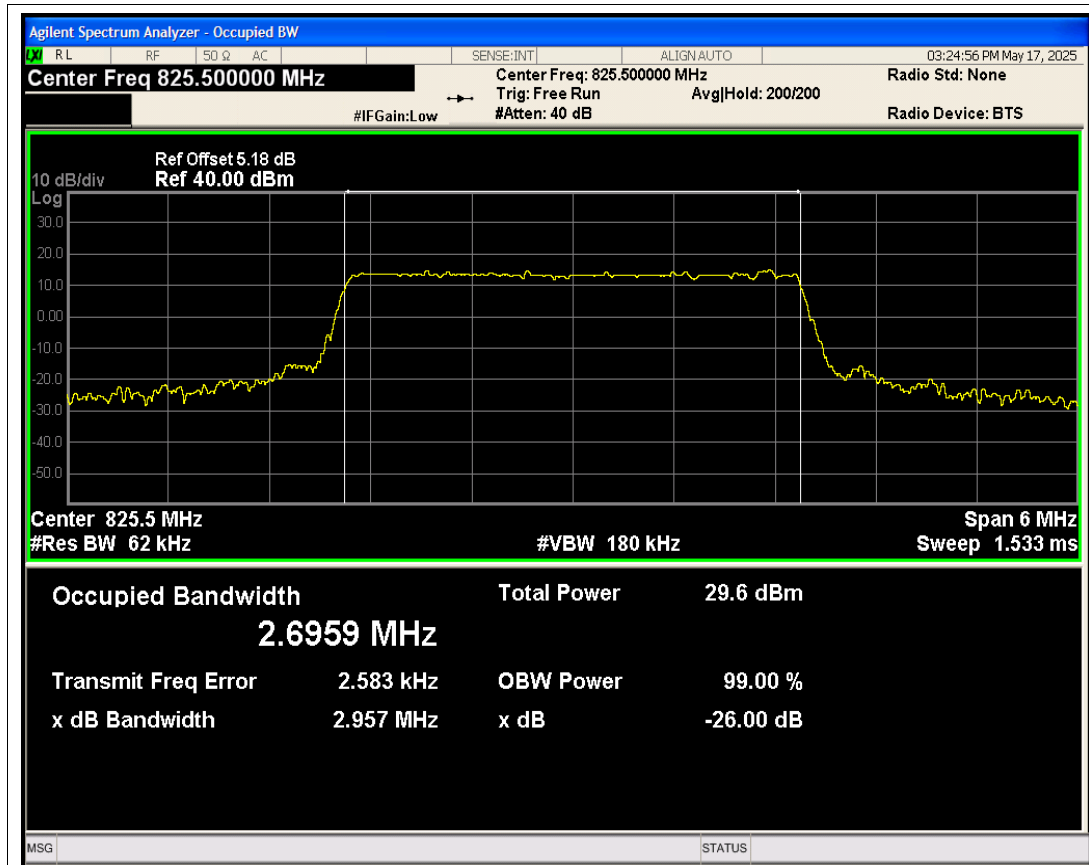
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0 NVNT



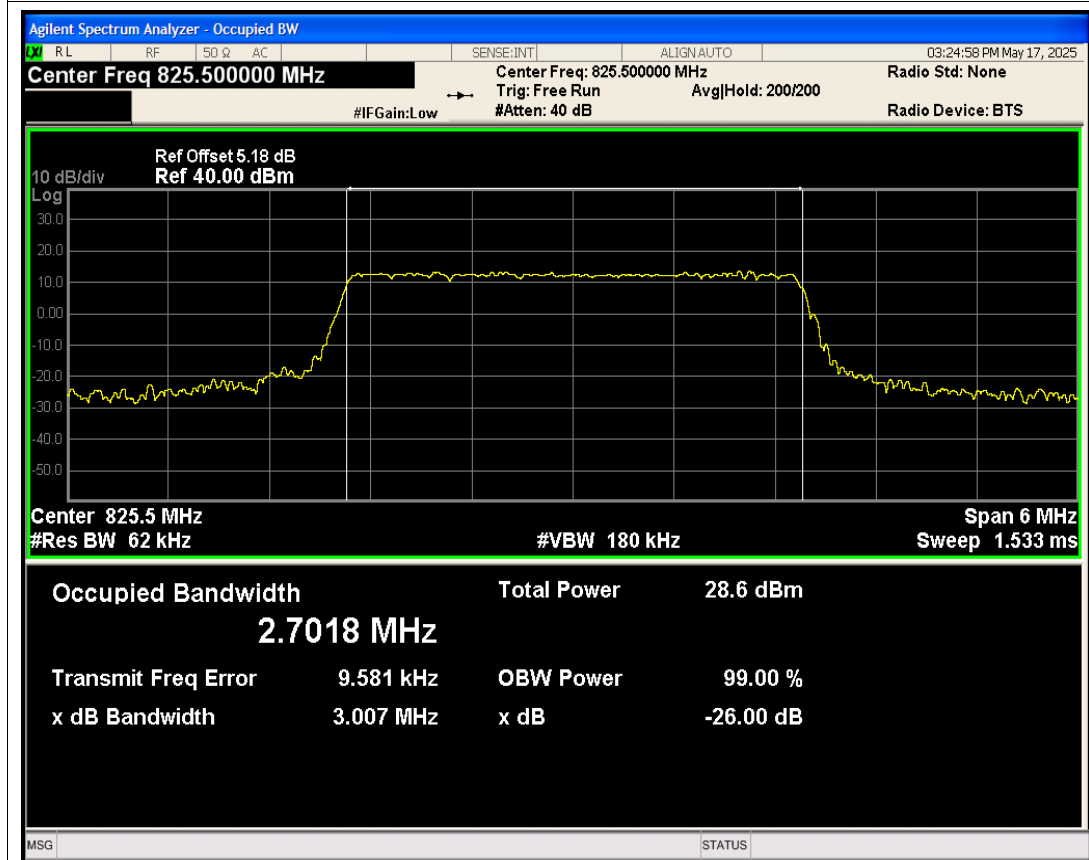
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0 NVNT



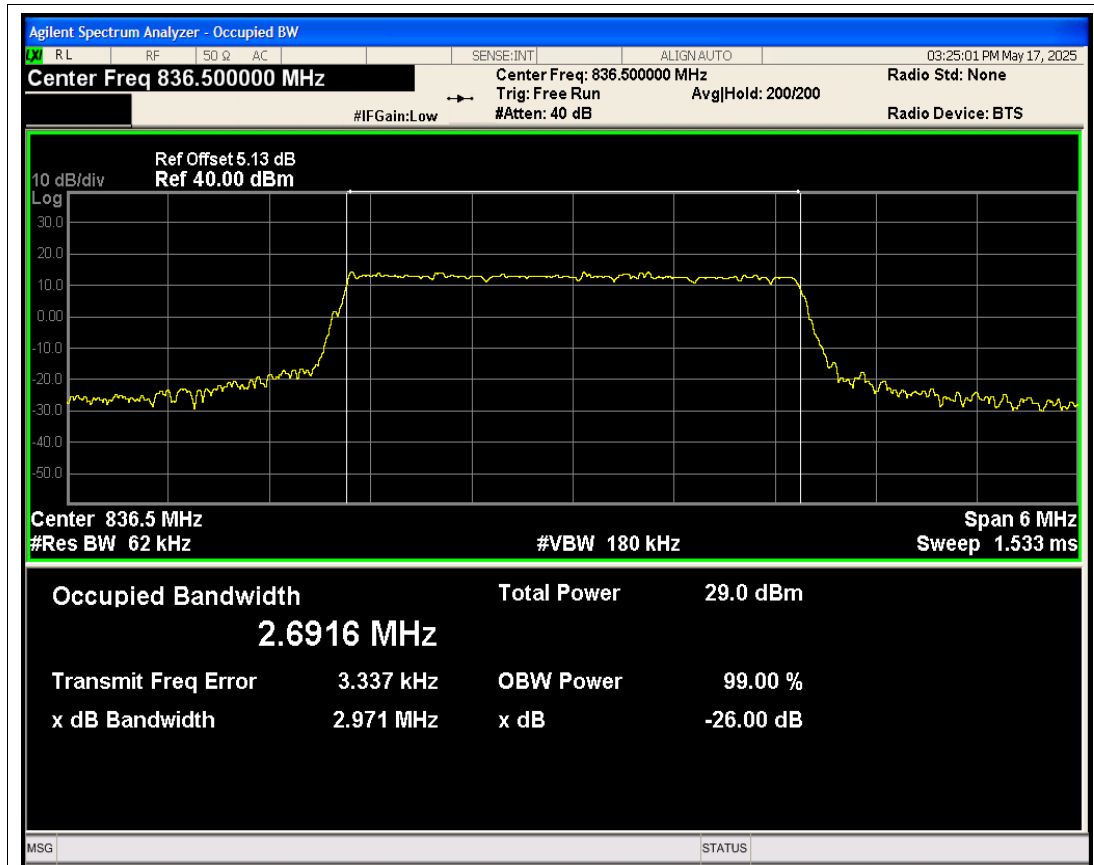
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0 NVNT



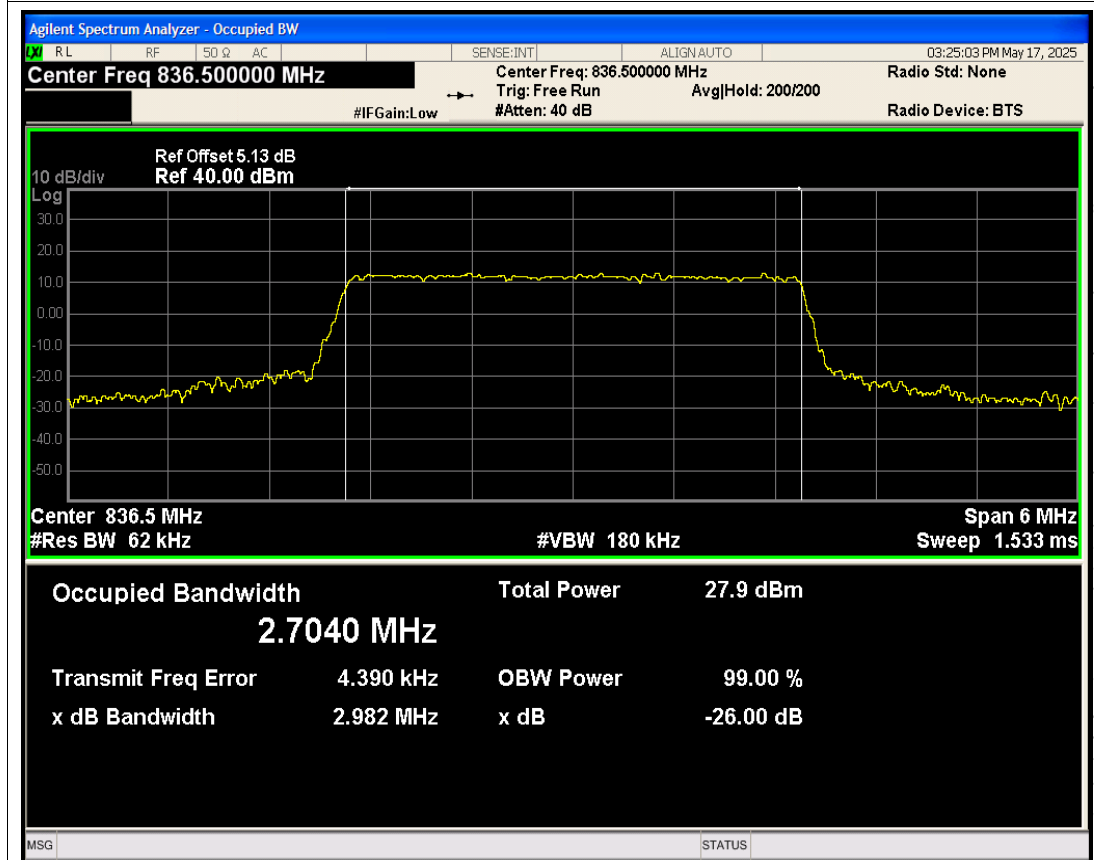
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0 NVNT



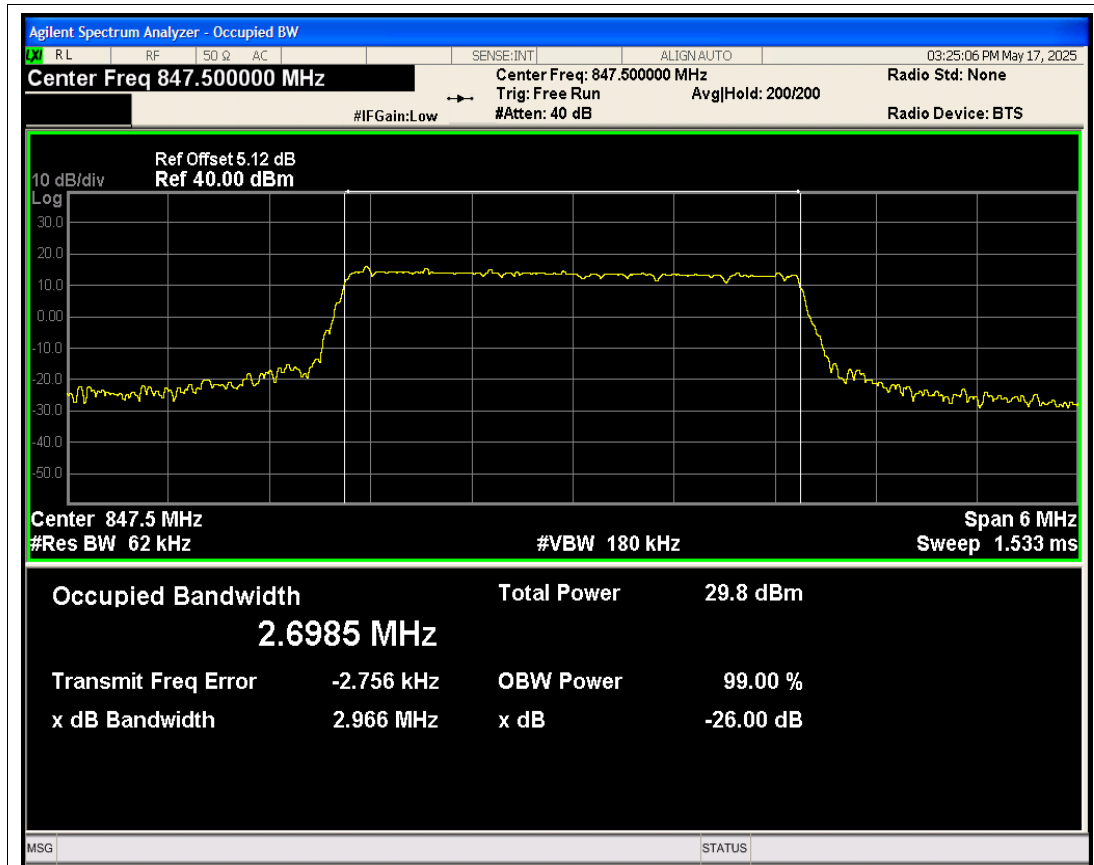
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0 NVNT



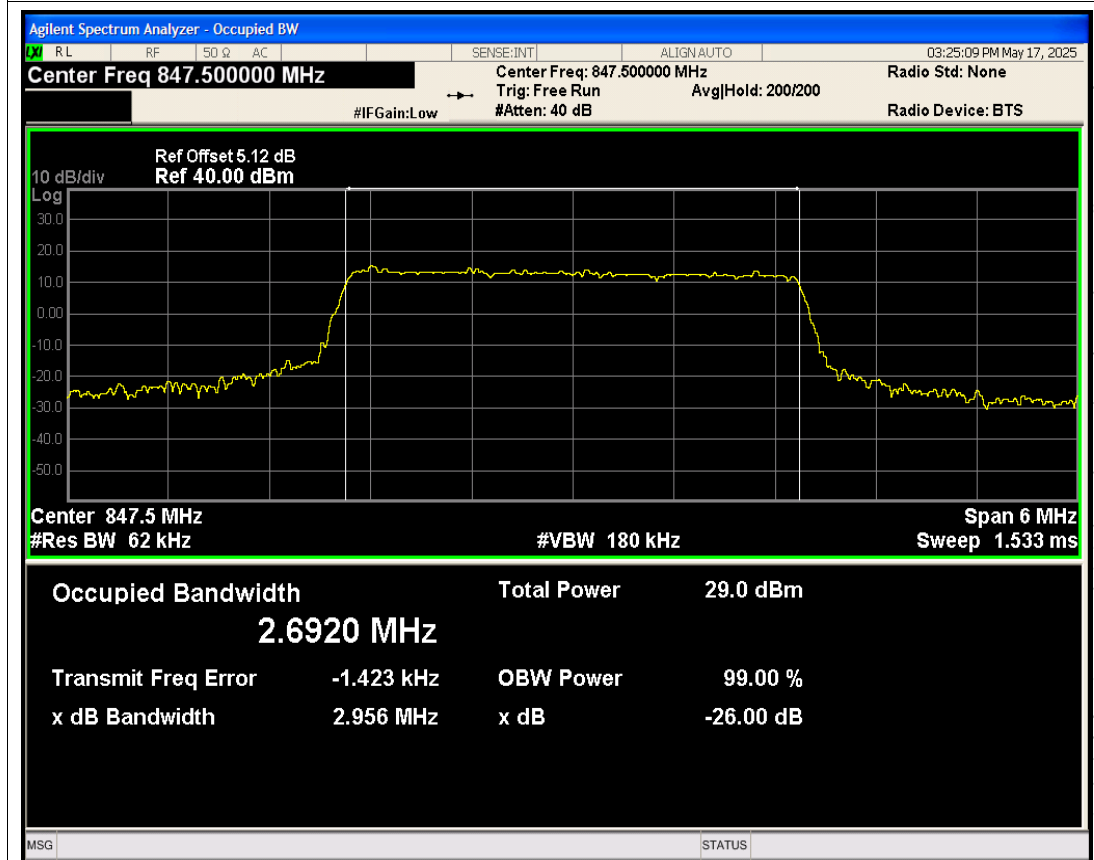
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0 NVNT



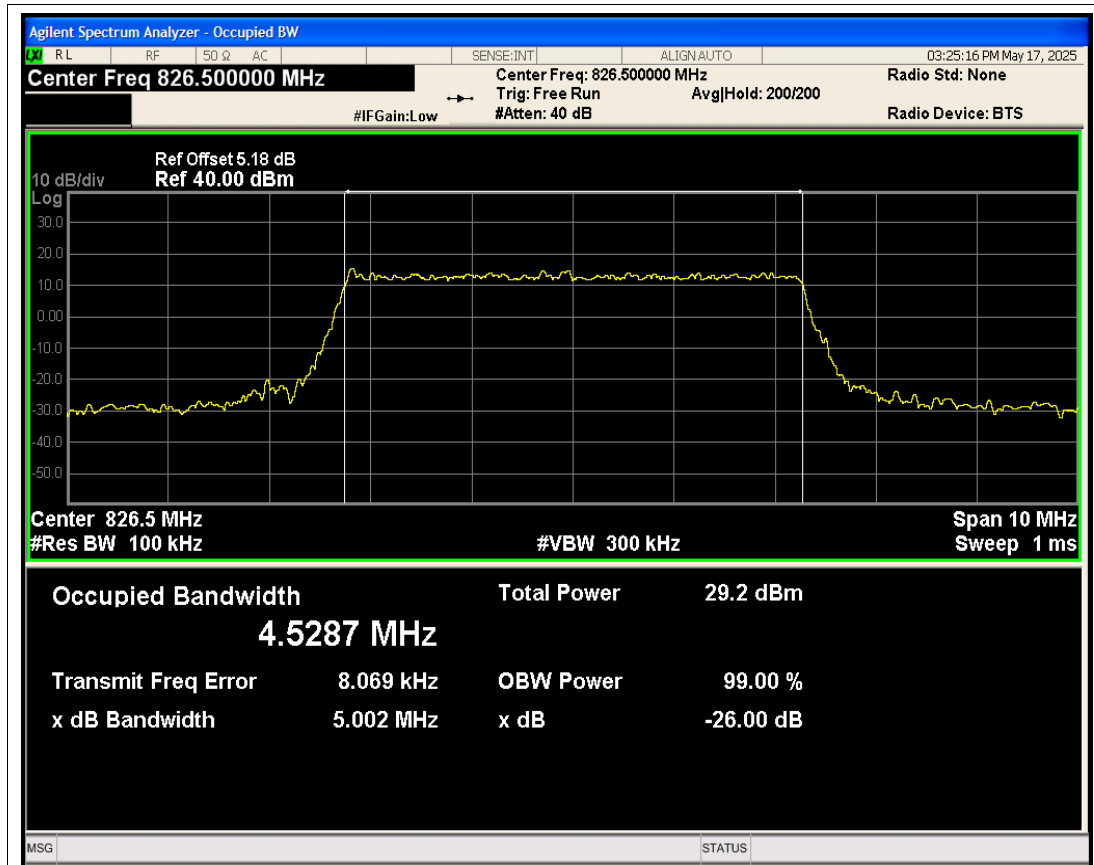
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0 NVNT



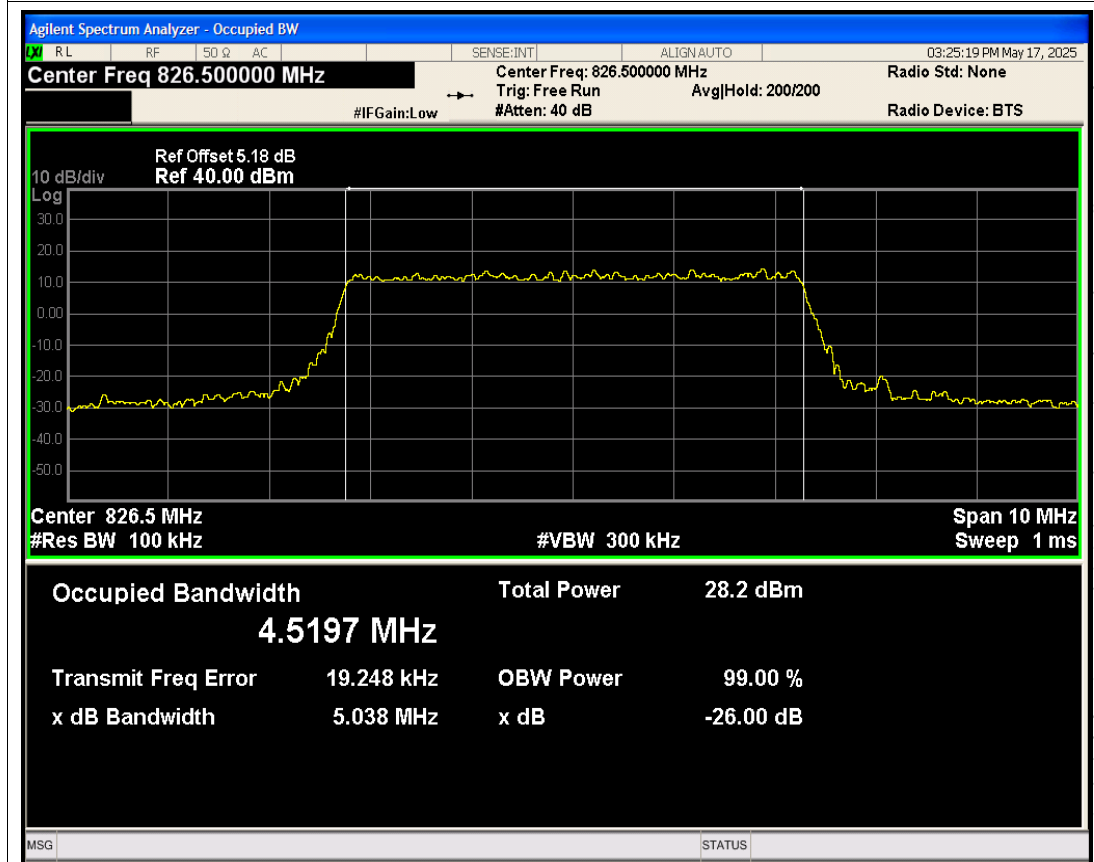
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0 NVNT



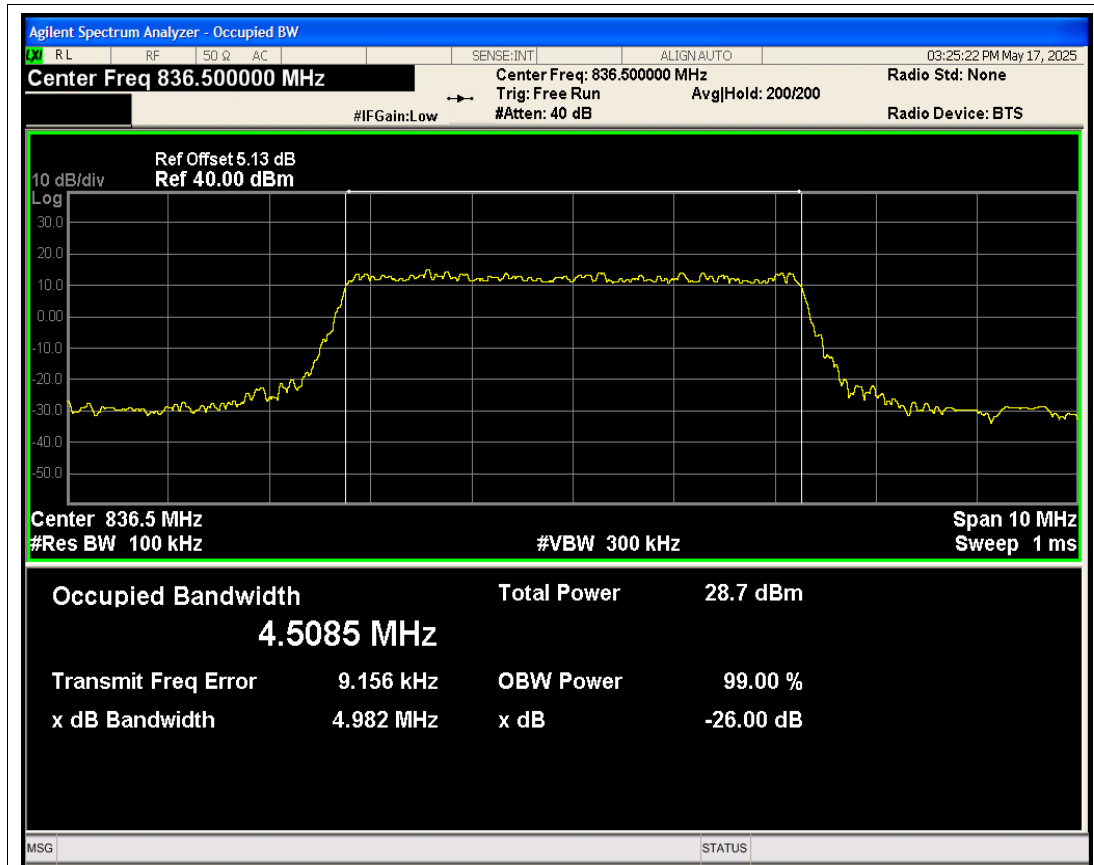
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0 NVNT



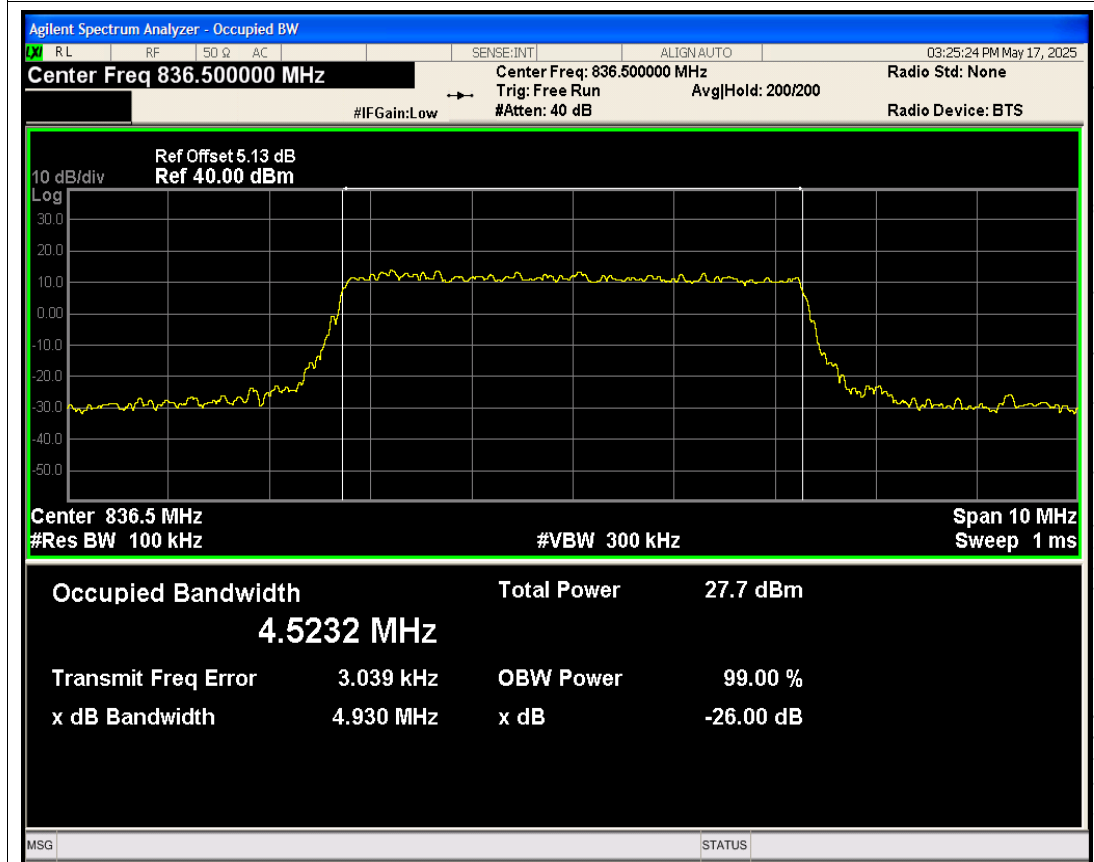
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0 NVNT



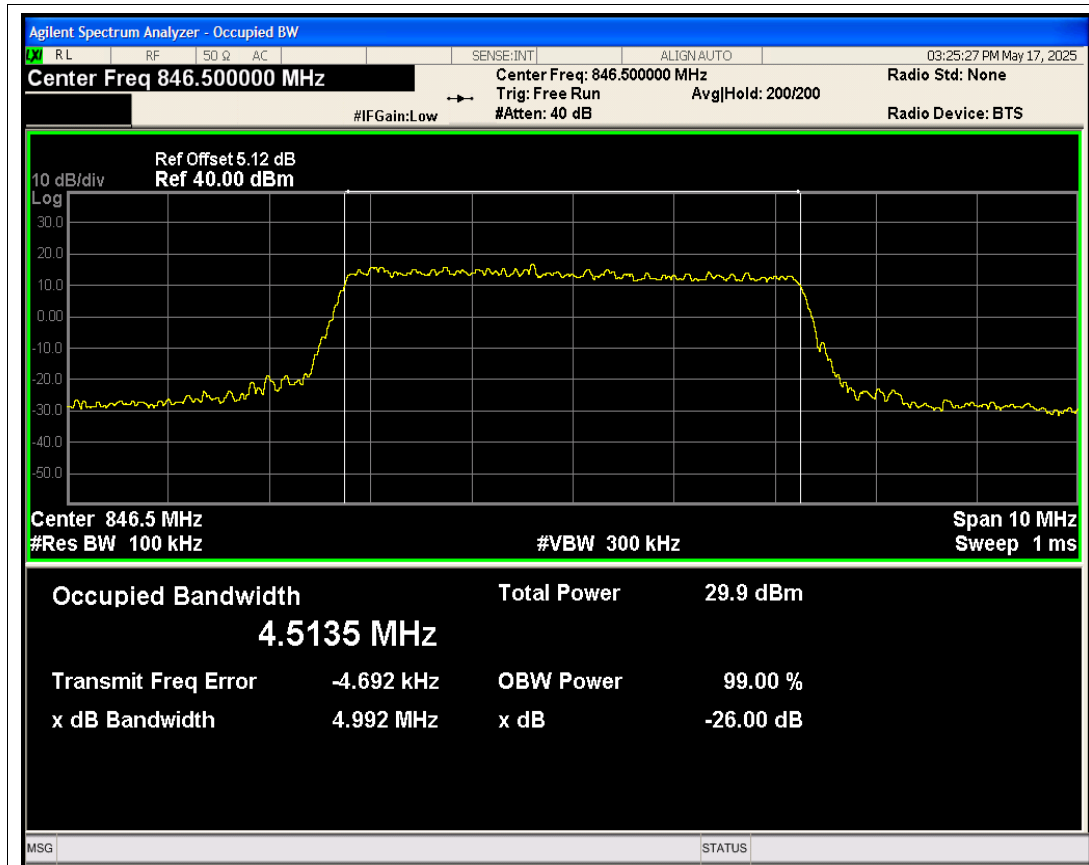
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0 NVNT



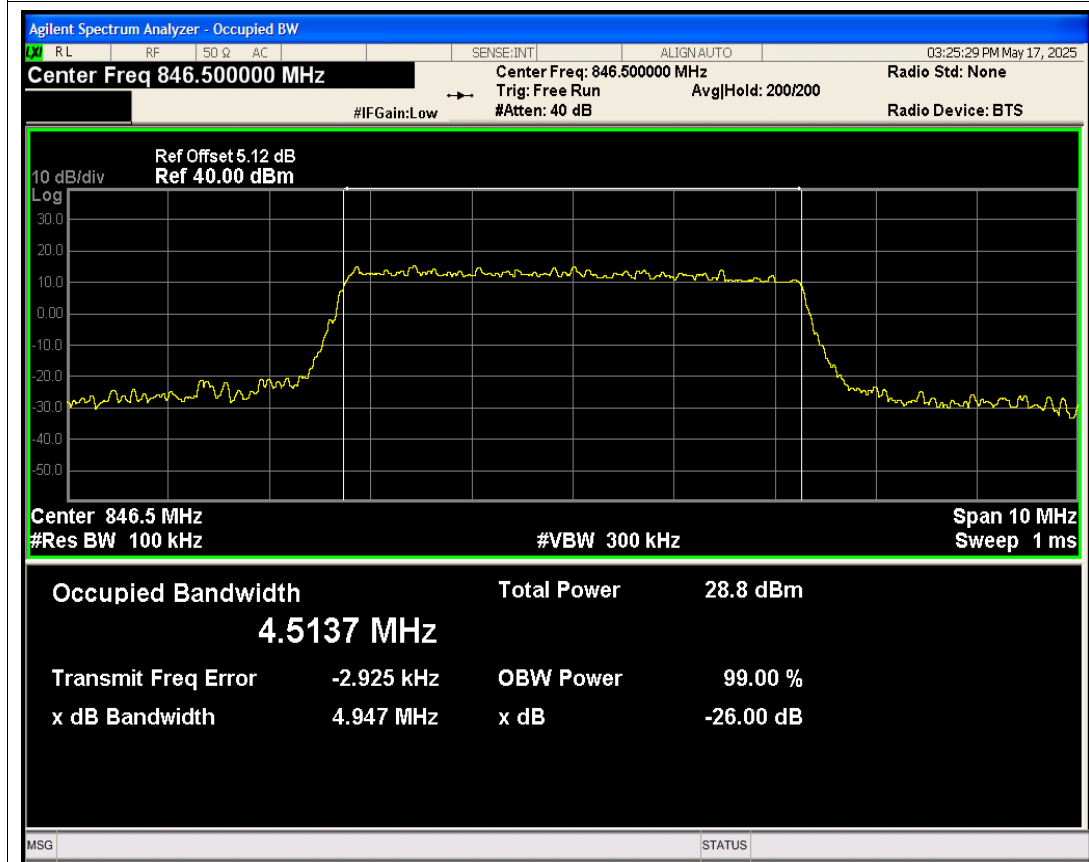
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0 NVNT



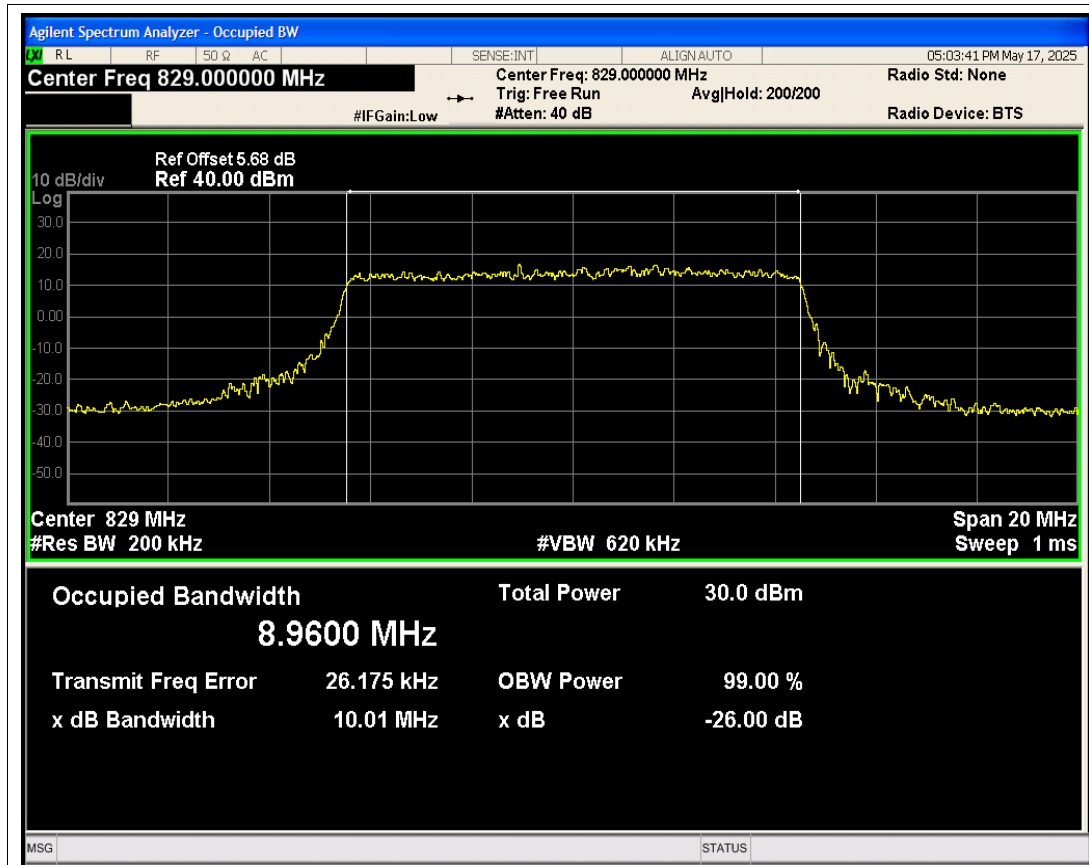
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0 NVNT



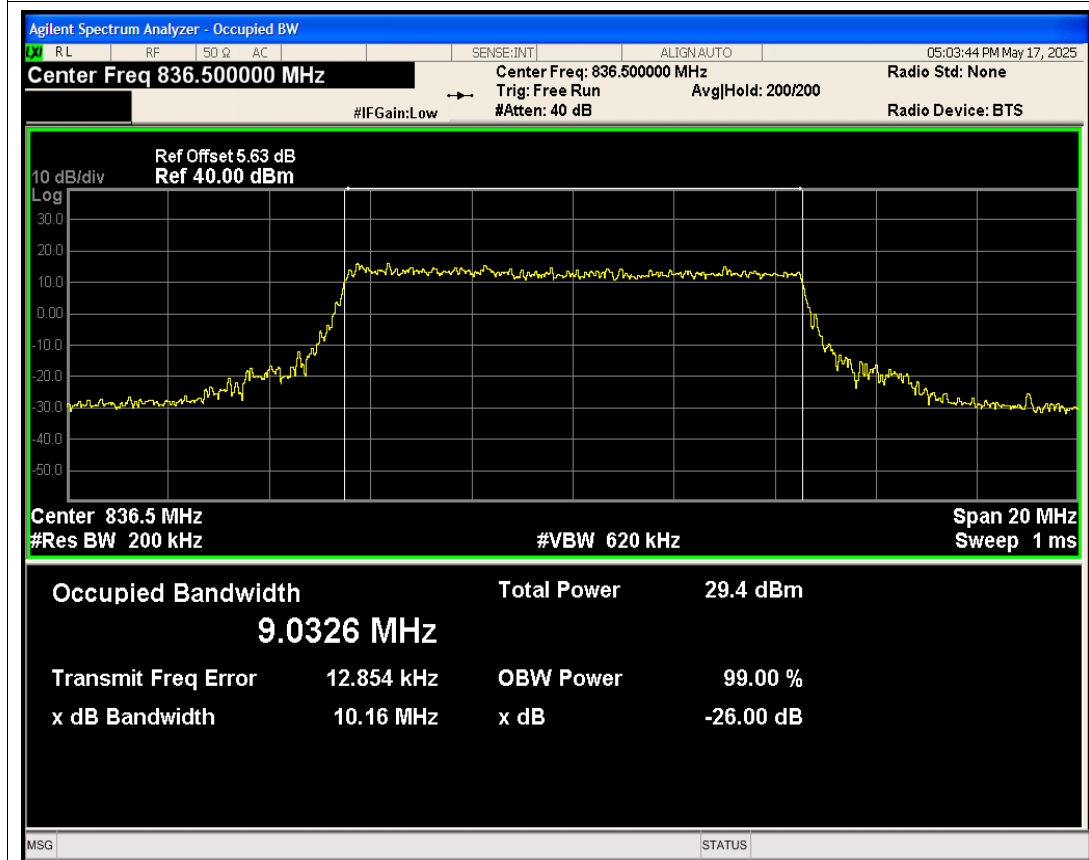
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0 NVNT



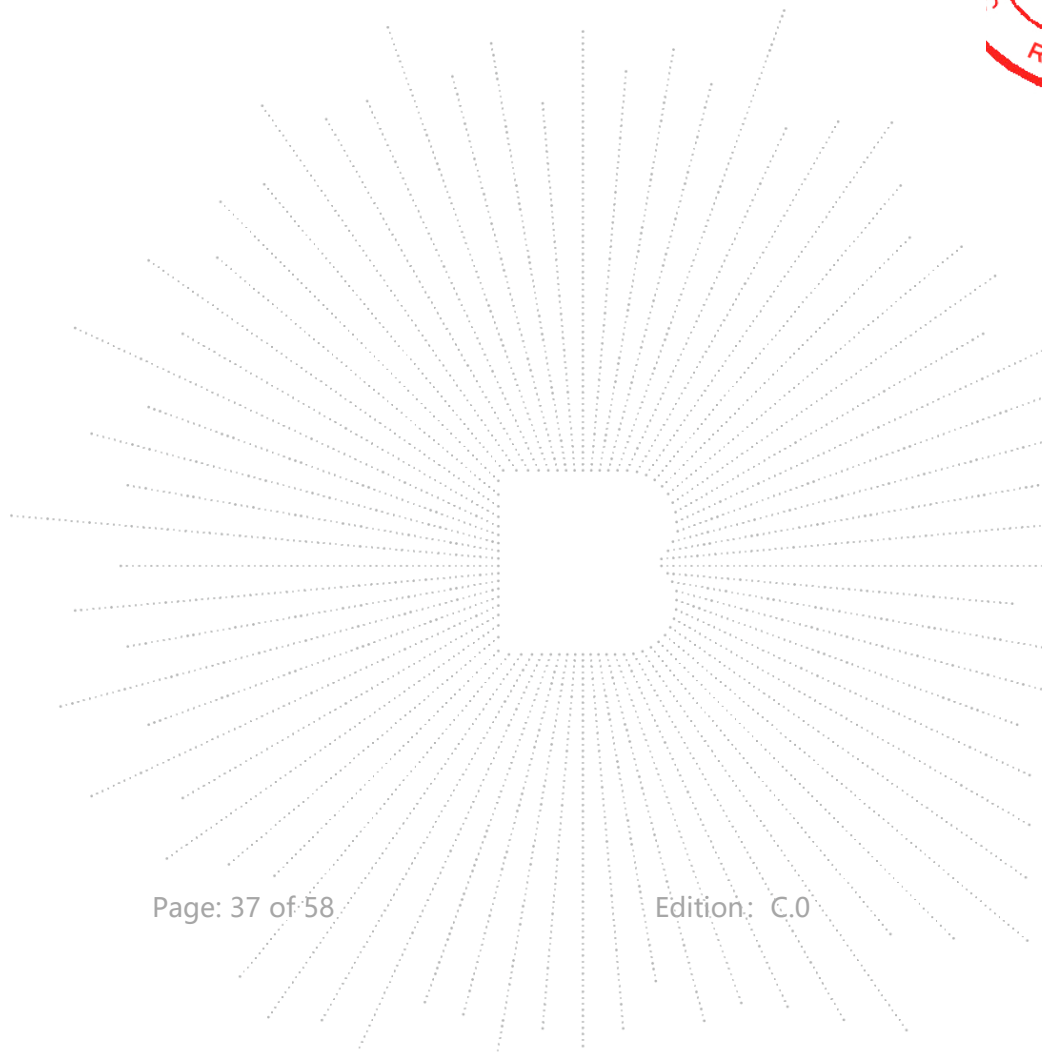
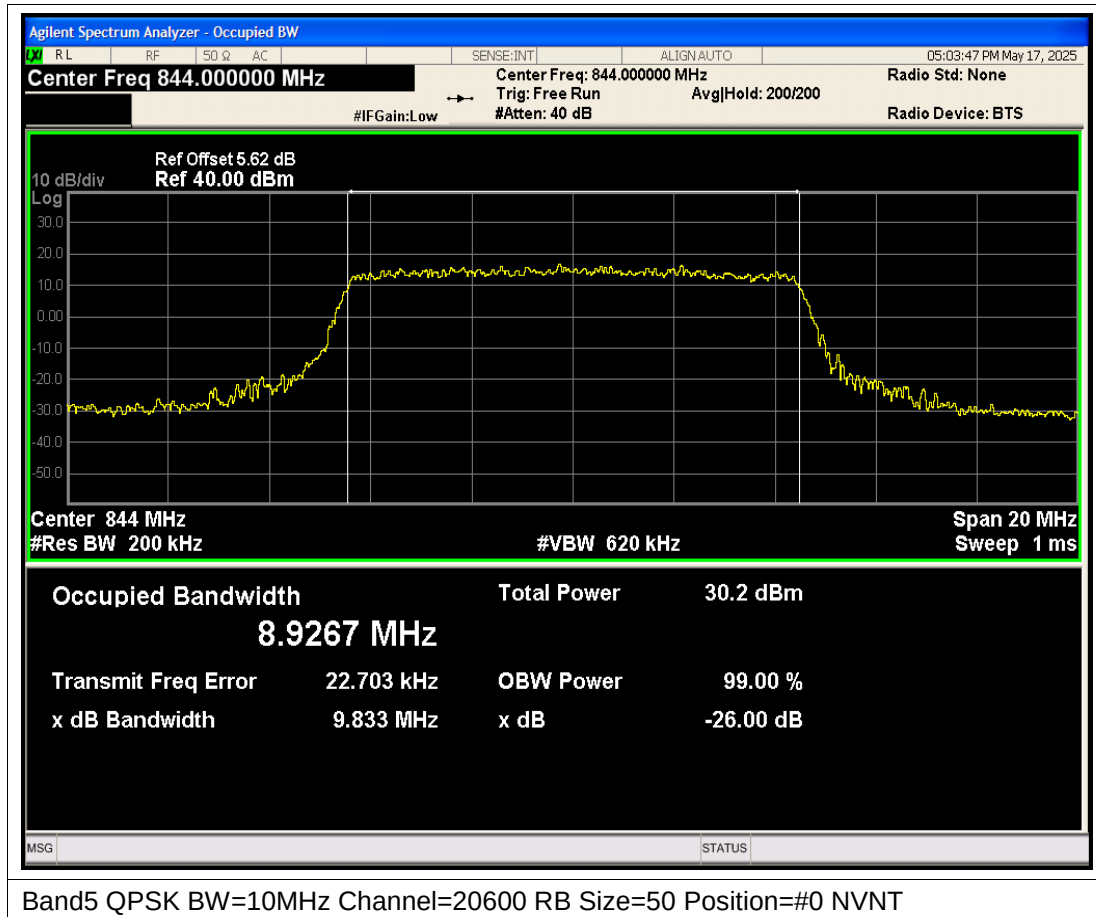
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0 NVNT



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

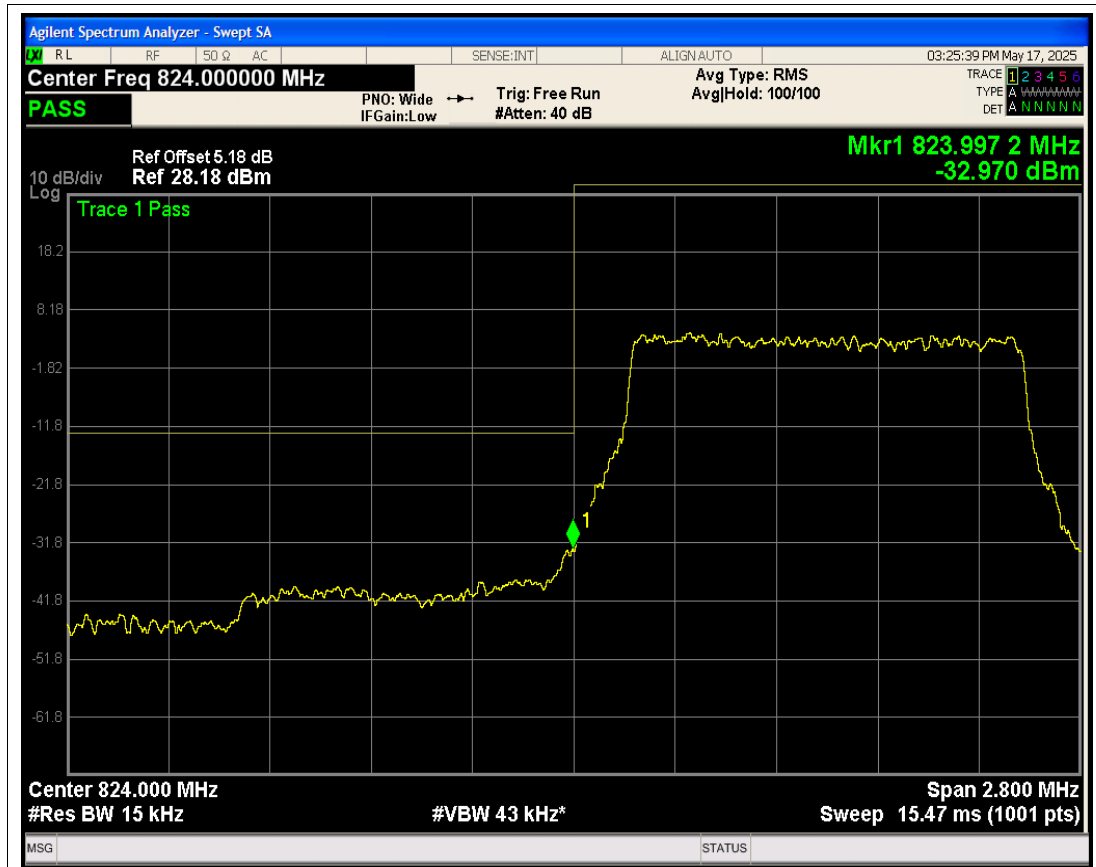


Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0 NVNT

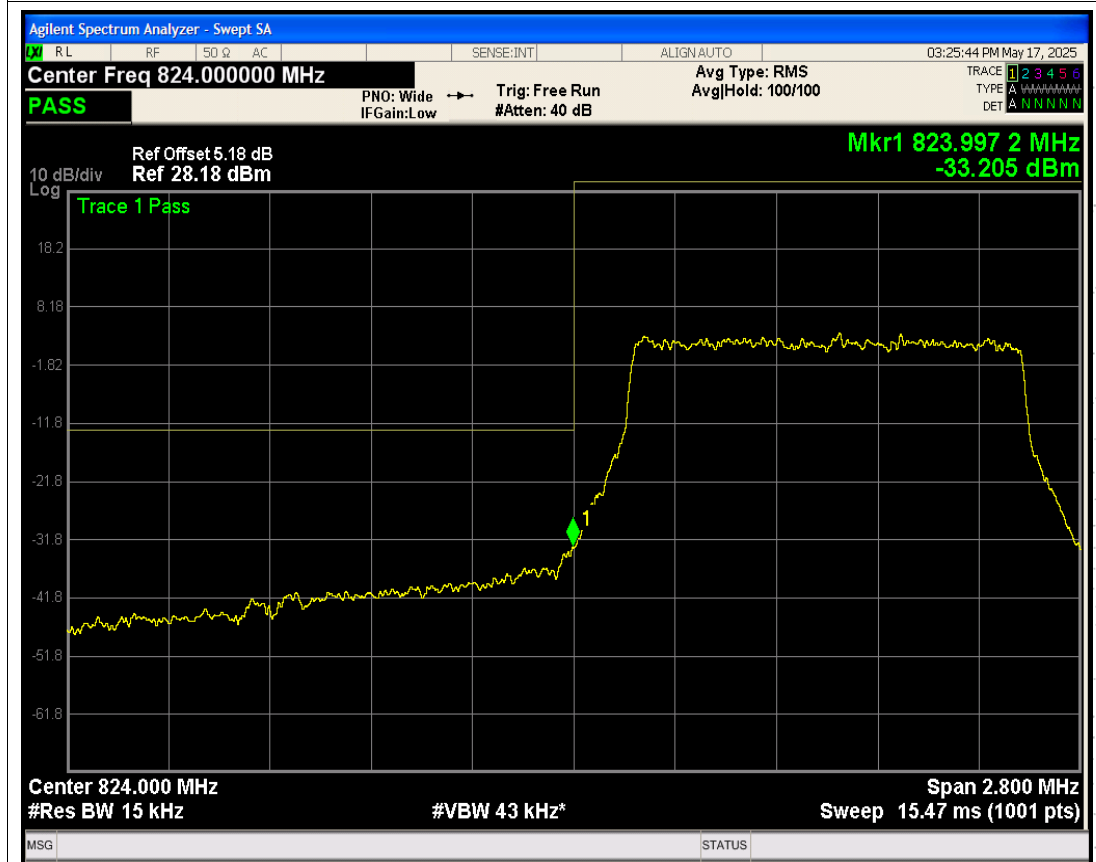


Appendix 5. Band edge

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band 5	1.4	20407	6	#0	QPSK	824.00	-32.97	-13	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	824.00	-33.20	-13	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	849.00	-32.98	-13	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	849.00	-33.05	-13	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	824.00	-29.82	-13	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	824.00	-30.03	-13	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	849.00	-32.43	-13	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	849.00	-31.75	-13	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	824.00	-31.42	-13	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	824.00	-30.94	-13	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	849.00	-29.63	-13	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	849.00	-30.15	-13	PASS
NVNT	Band 5	10	20450	50	#0	QPSK	824.00	-31.20	-13	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	849.00	-31.09	-13	PASS



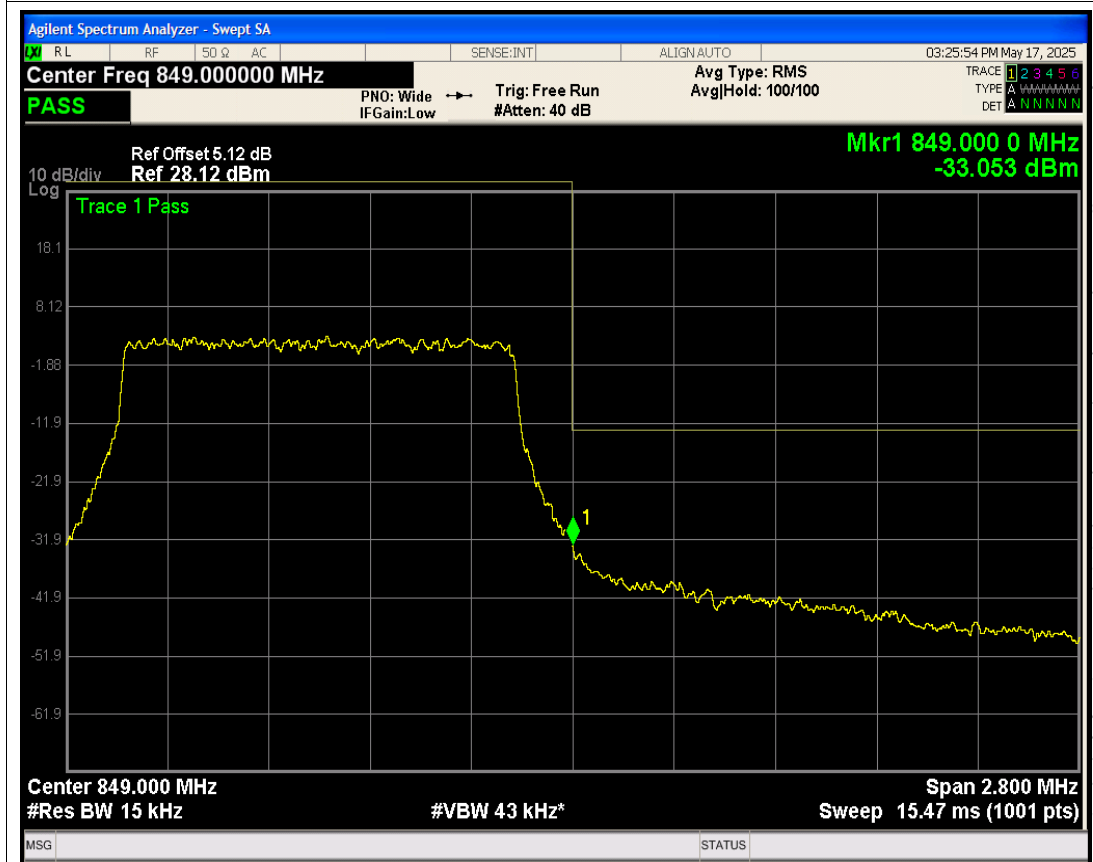
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0 NVNT



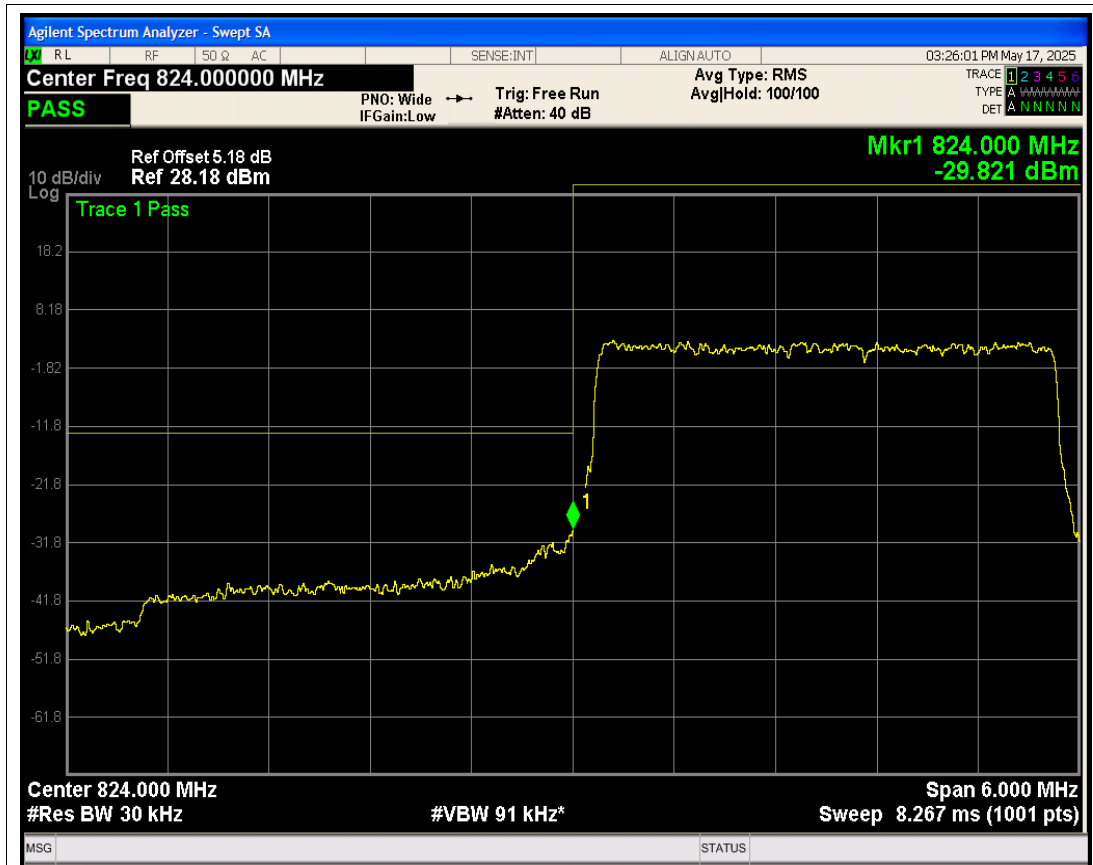
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0 NVNT



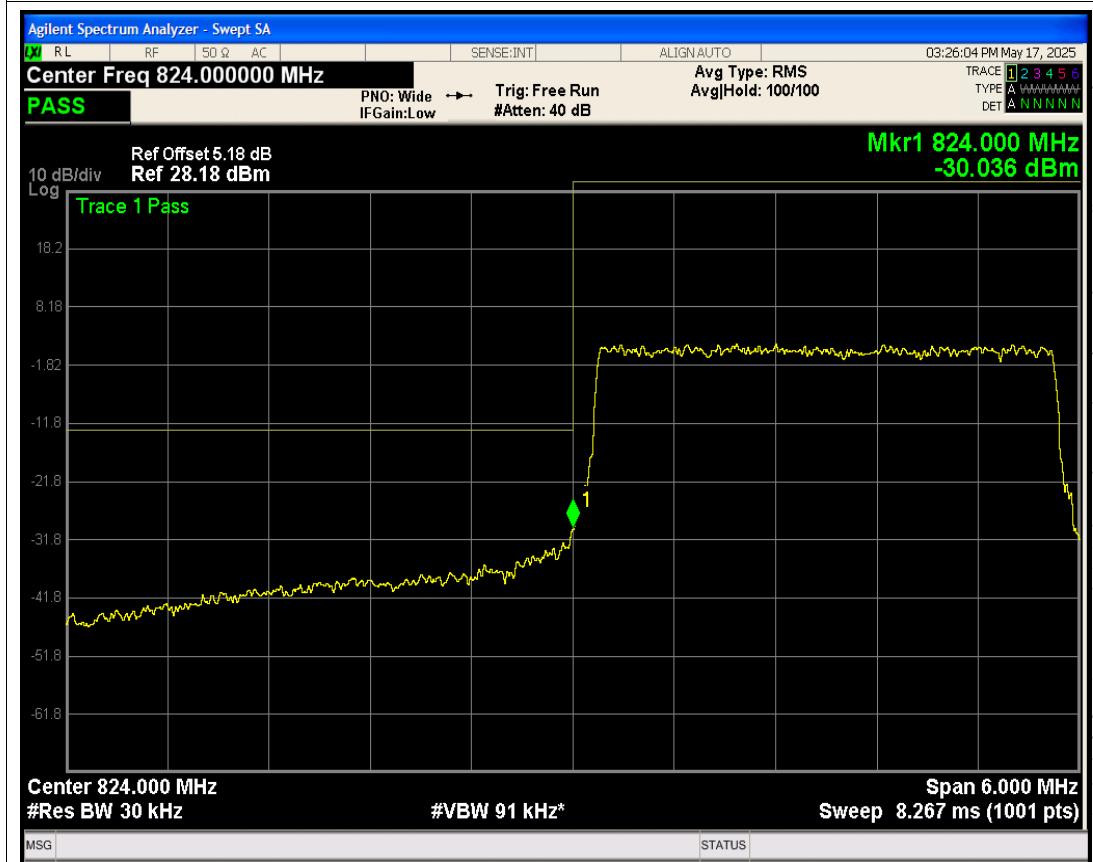
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0 NVNT



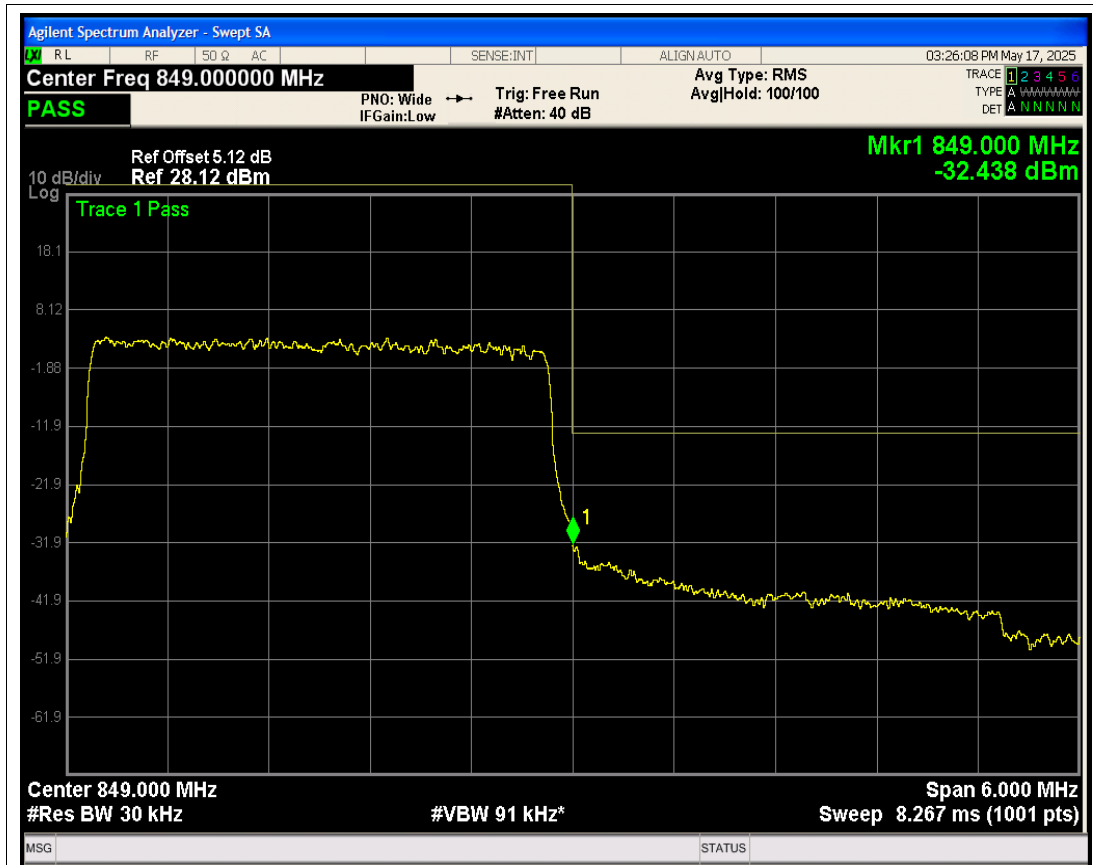
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0 NVNT



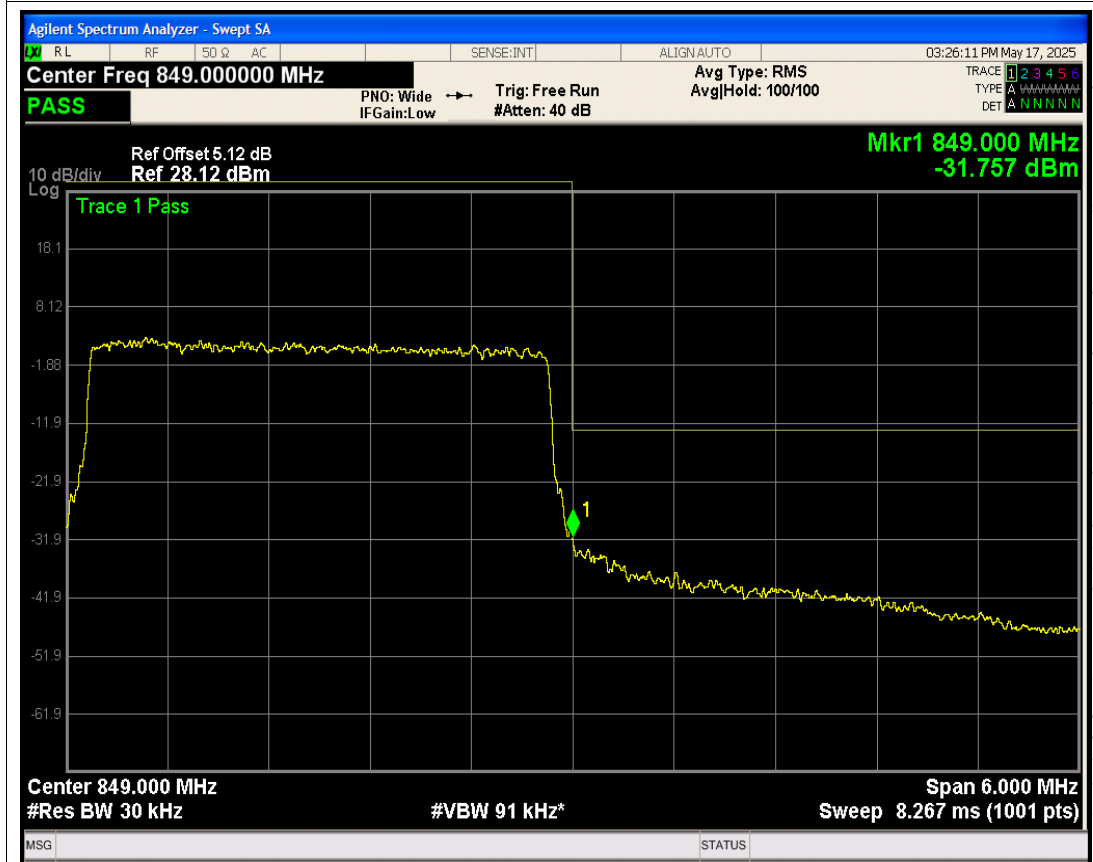
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0 NVNT



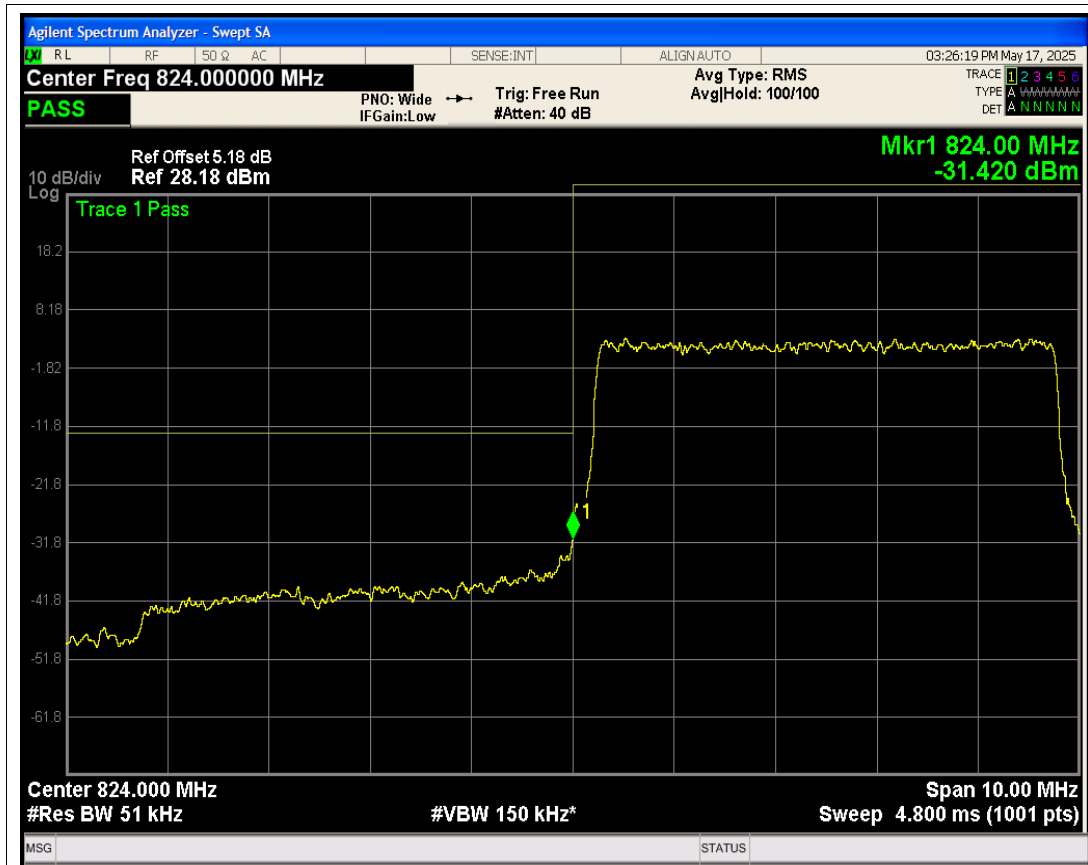
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0 NVNT



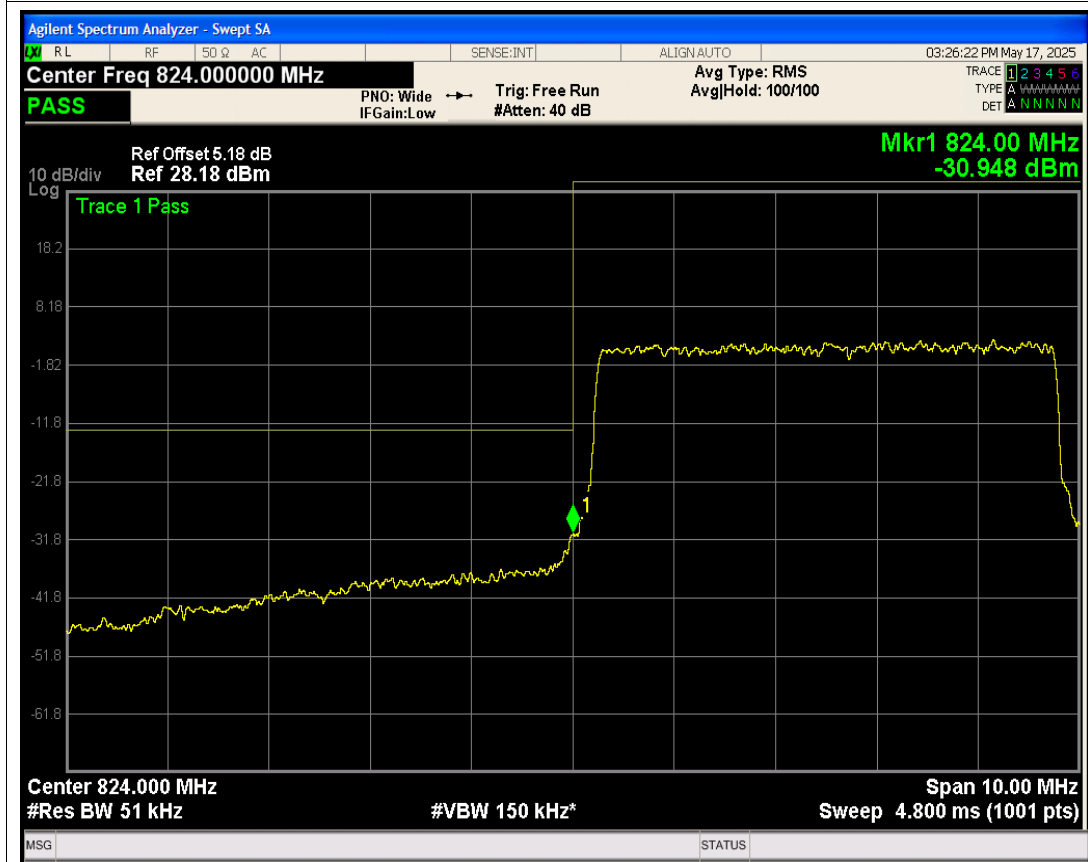
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0 NVNT



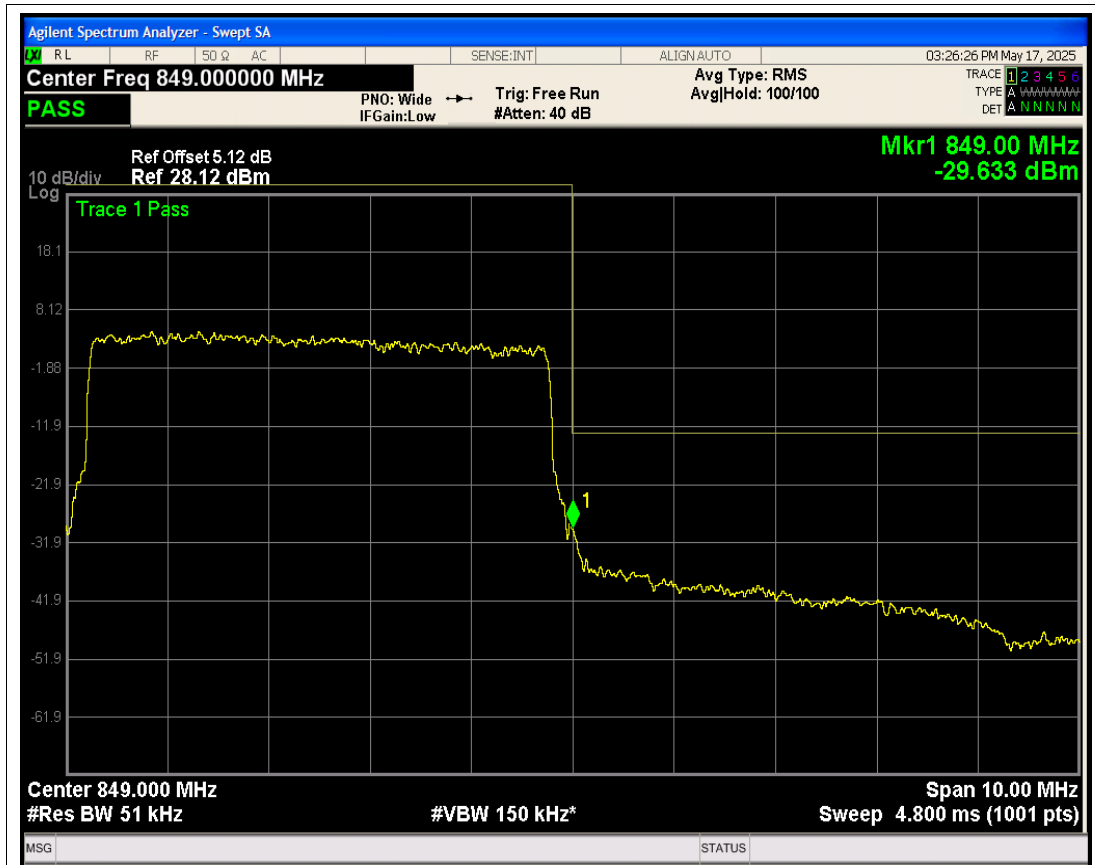
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0 NVNT



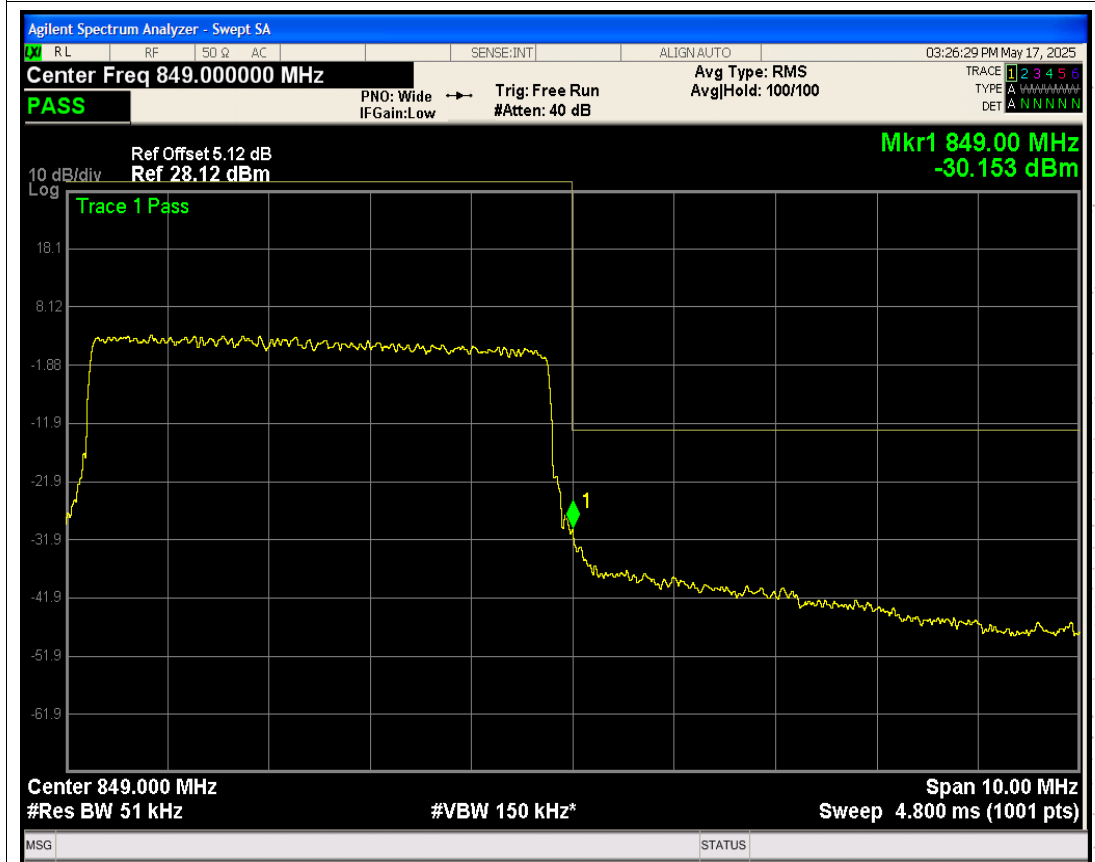
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0 NVNT



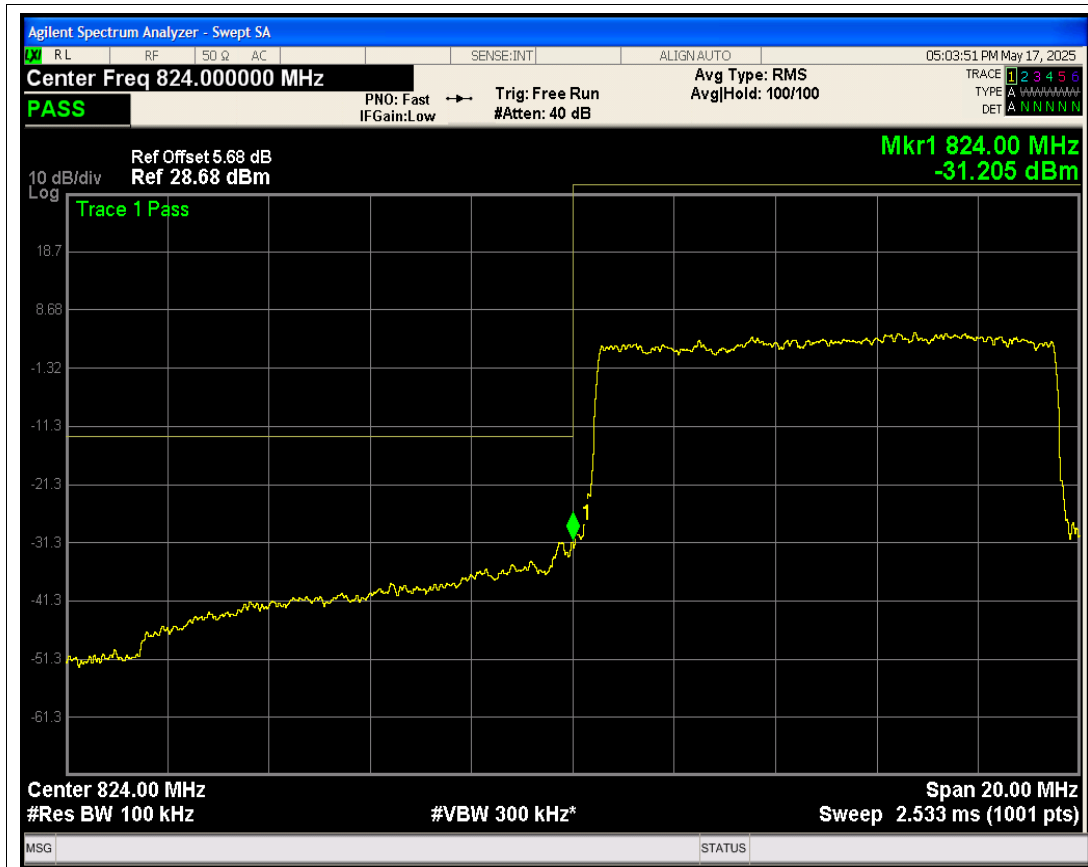
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0 NVNT



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



Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0 NVNT



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

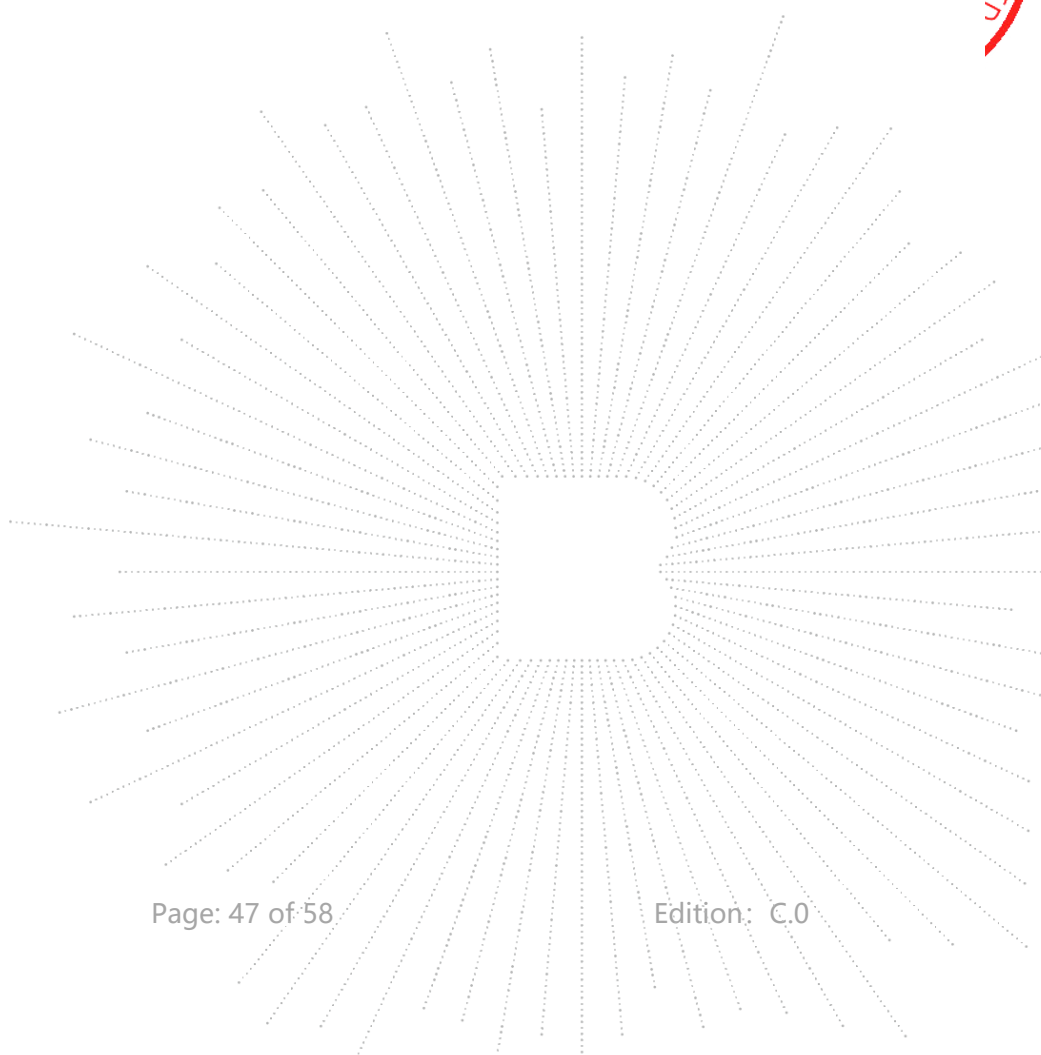


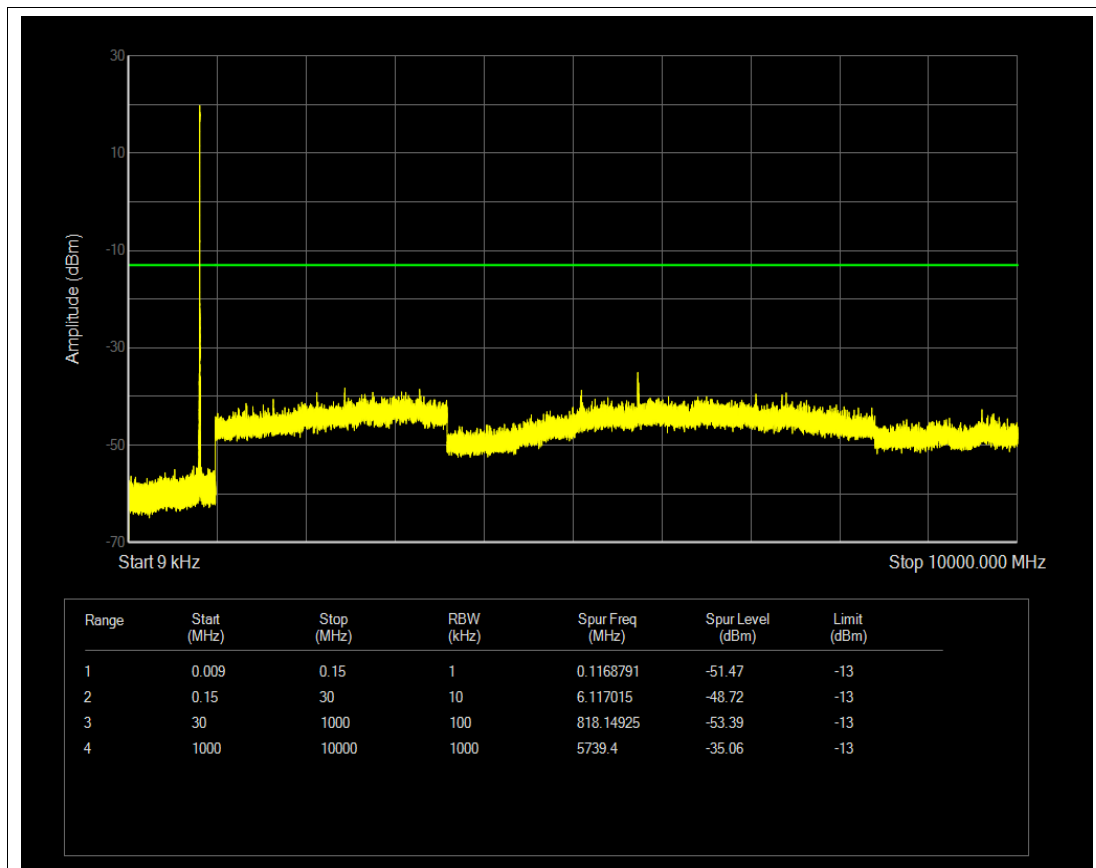
Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0 NVNT

Appendix 6. Out-of-band emissions

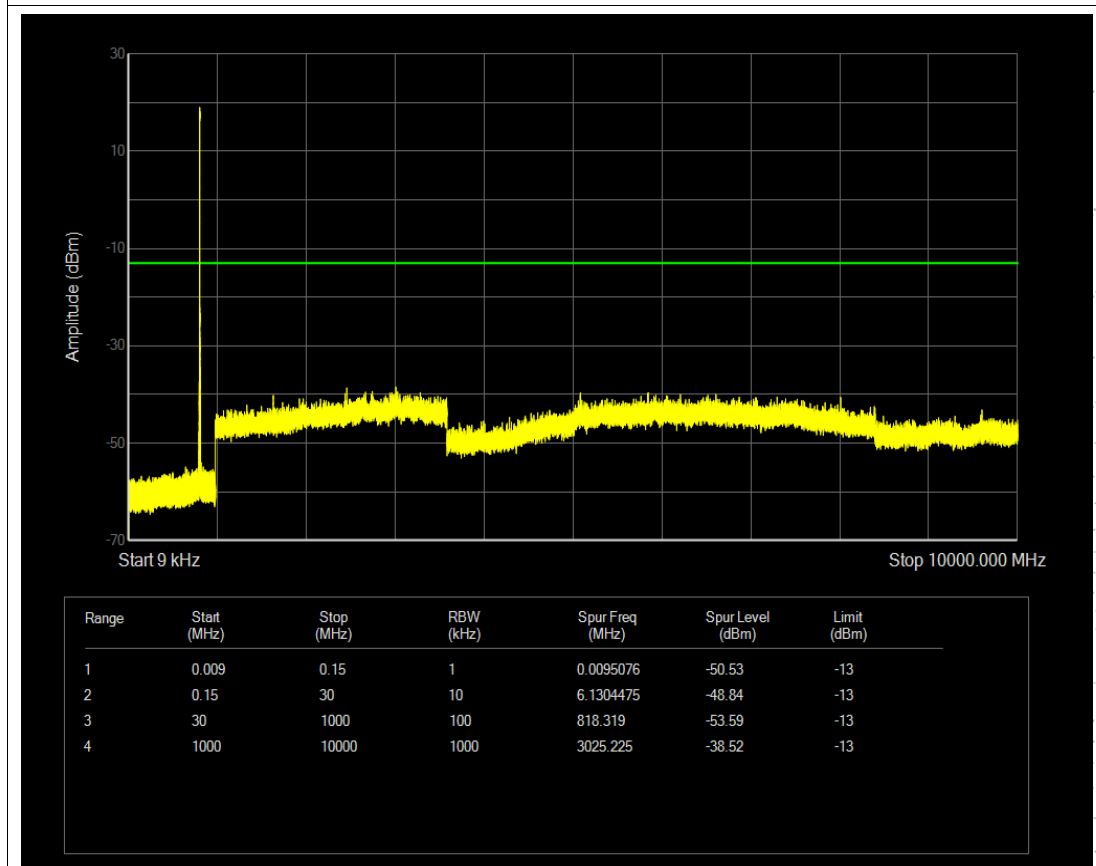
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band 5	1.4	20407	6	#0	QPSK	5739.40	-35.06	-13	PASS
NVNT	Band 5	1.4	20407	6	#0	16QAM	3025.23	-38.52	-13	PASS
NVNT	Band 5	1.4	20525	6	#0	QPSK	5745.48	-34.59	-13	PASS
NVNT	Band 5	1.4	20525	6	#0	16QAM	5100.40	-38.41	-13	PASS
NVNT	Band 5	1.4	20643	6	#0	QPSK	2544.63	-38.29	-13	PASS
NVNT	Band 5	1.4	20643	6	#0	16QAM	2454.63	-35.87	-13	PASS
NVNT	Band 5	3	20415	15	#0	QPSK	5095.45	-37.03	-13	PASS
NVNT	Band 5	3	20415	15	#0	16QAM	2453.73	-38.61	-13	PASS
NVNT	Band 5	3	20525	15	#0	QPSK	2451.93	-37.97	-13	PASS
NVNT	Band 5	3	20525	15	#0	16QAM	5098.60	-38.79	-13	PASS
NVNT	Band 5	3	20635	15	#0	QPSK	5101.75	-34.27	-13	PASS
NVNT	Band 5	3	20635	15	#0	16QAM	3142.68	-38.01	-13	PASS
NVNT	Band 5	5	20425	25	#0	QPSK	3037.83	-38.45	-13	PASS
NVNT	Band 5	5	20425	25	#0	16QAM	2453.50	-38.93	-13	PASS
NVNT	Band 5	5	20525	25	#0	QPSK	2676.93	-38.52	-13	PASS
NVNT	Band 5	5	20525	25	#0	16QAM	5752.90	-35.46	-13	PASS
NVNT	Band 5	5	20625	25	#0	QPSK	5099.95	-38.23	-13	PASS
NVNT	Band 5	5	20625	25	#0	16QAM	2415.70	-38.85	-13	PASS
NVNT	Band	10	20450	50	#0	QPSK	2451.9	-36.5	-13	PASS

	5						3	0		
NVNT	Band 5	10	20525	50	#0	QPSK	5741.2 0	-33.6 0	-13	PASS
NVNT	Band 5	10	20600	50	#0	QPSK	5094.3 3	-34.0 2	-13	PASS

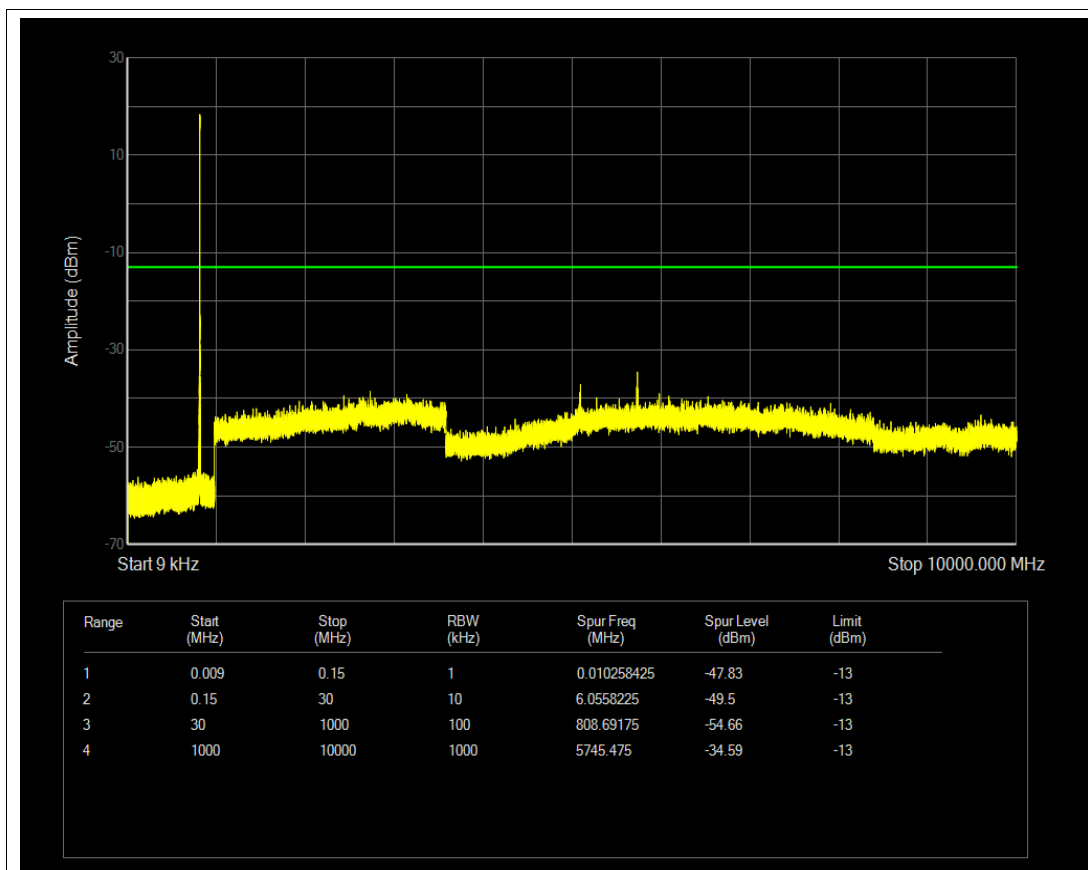




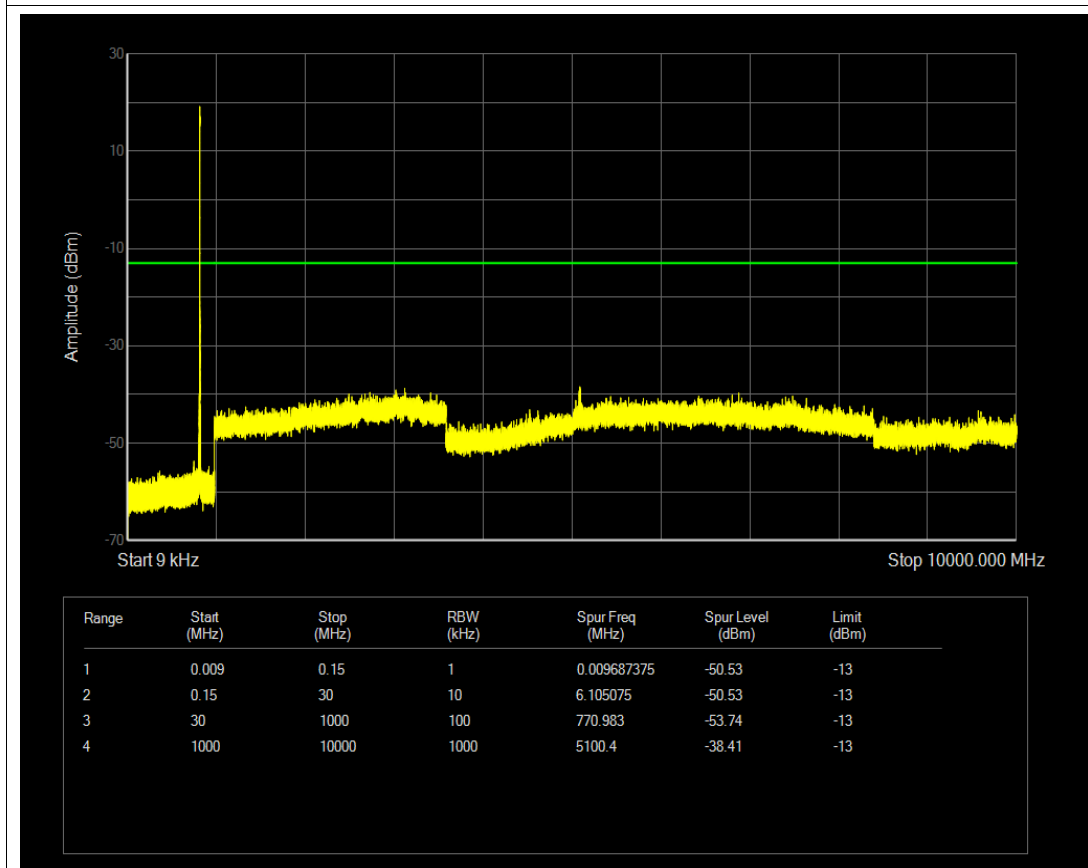
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0 NVNT



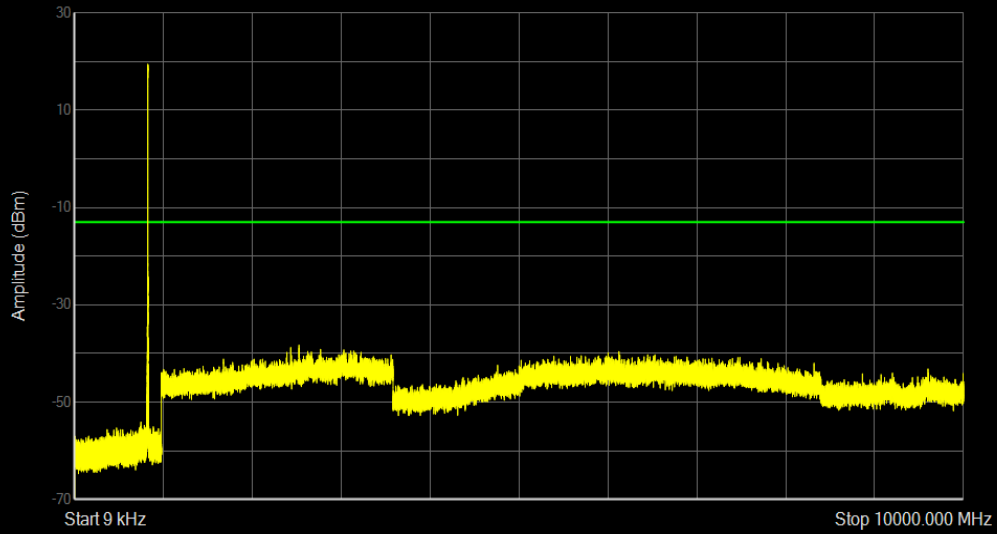
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0 NVNT



Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0 NVNT

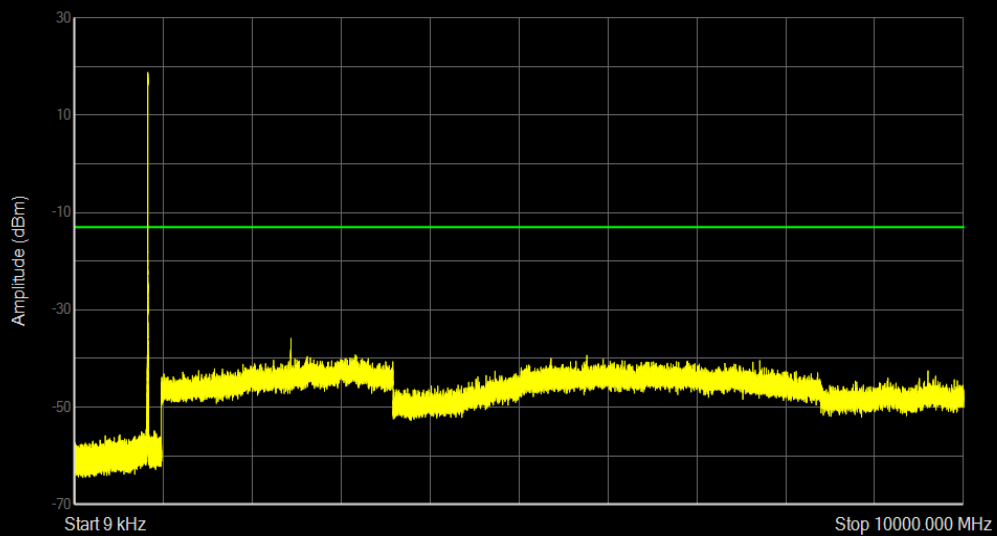


Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0 NVNT



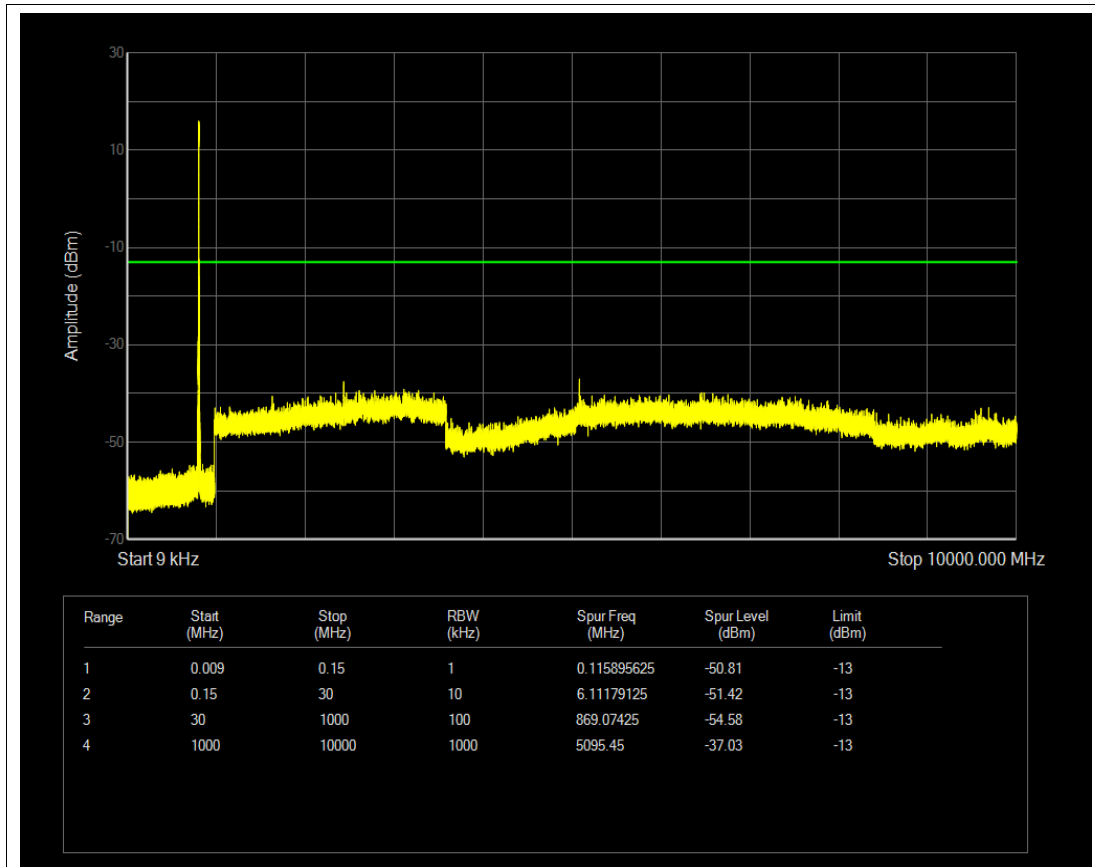
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010343025	-50.77	-13
2	0.15	30	10	6.099105	-51.48	-13
3	30	1000	100	854.62125	-52.18	-13
4	1000	10000	1000	2544.625	-38.29	-13

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

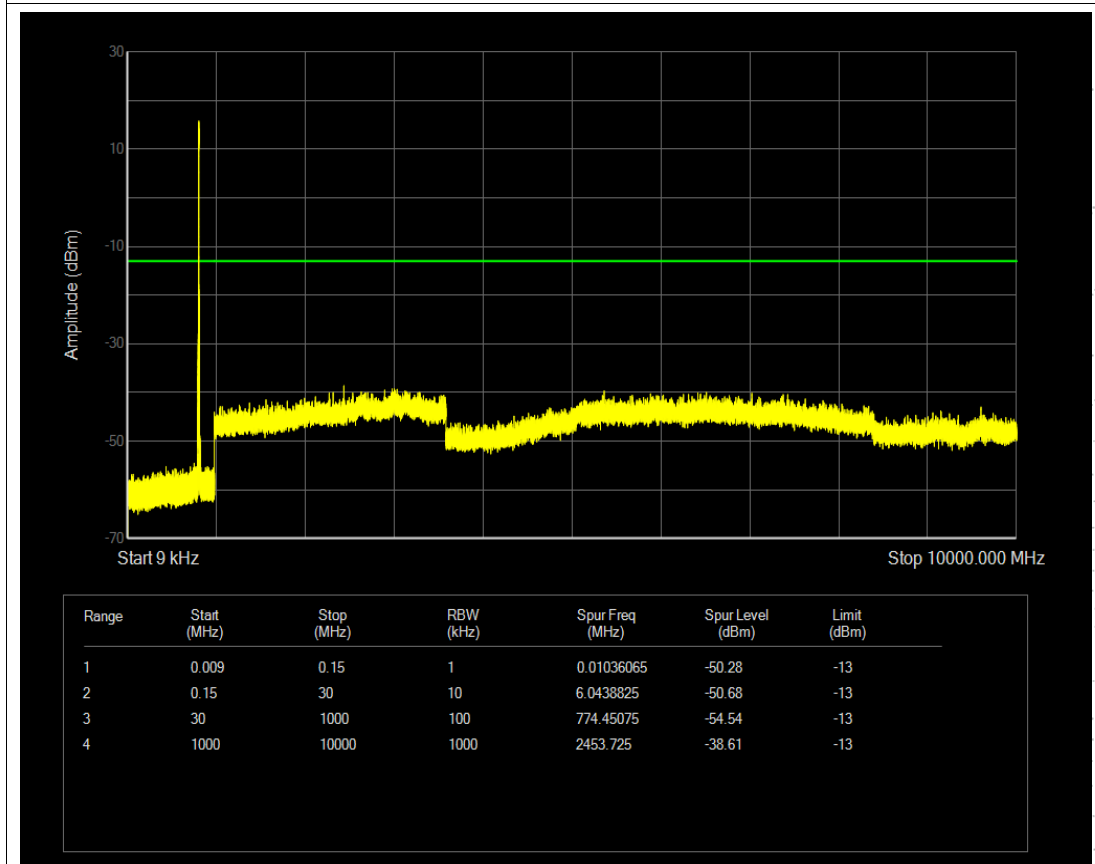


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-50.35	-13
2	0.15	30	10	6.09985125	-51.07	-13
3	30	1000	100	854.8395	-51.27	-13
4	1000	10000	1000	2454.625	-35.87	-13

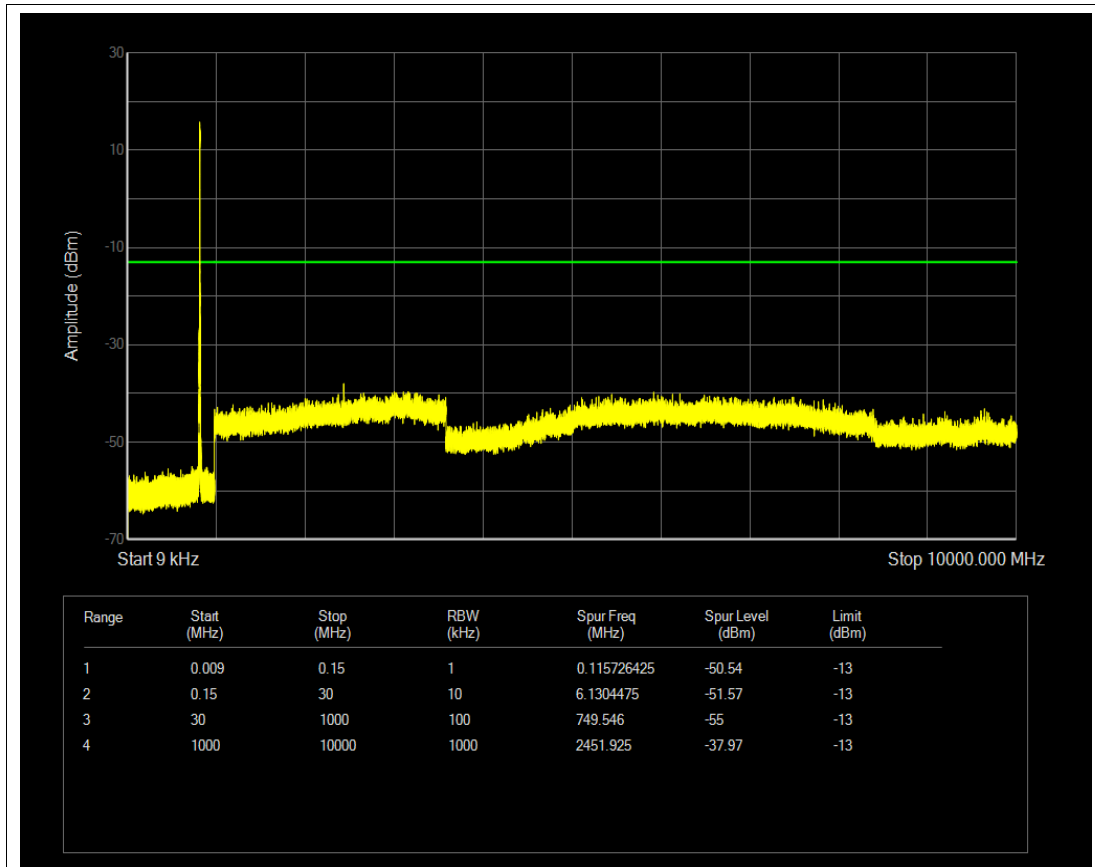
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0 NVNT



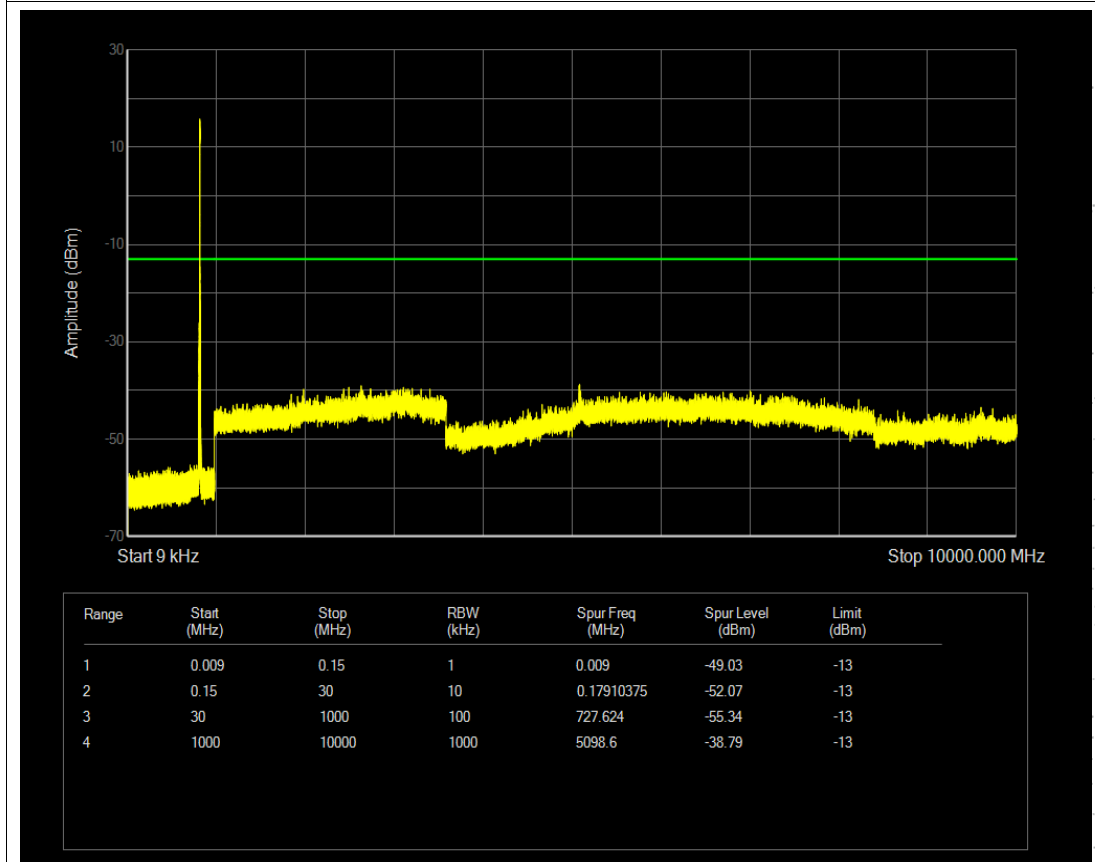
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0 NVNT



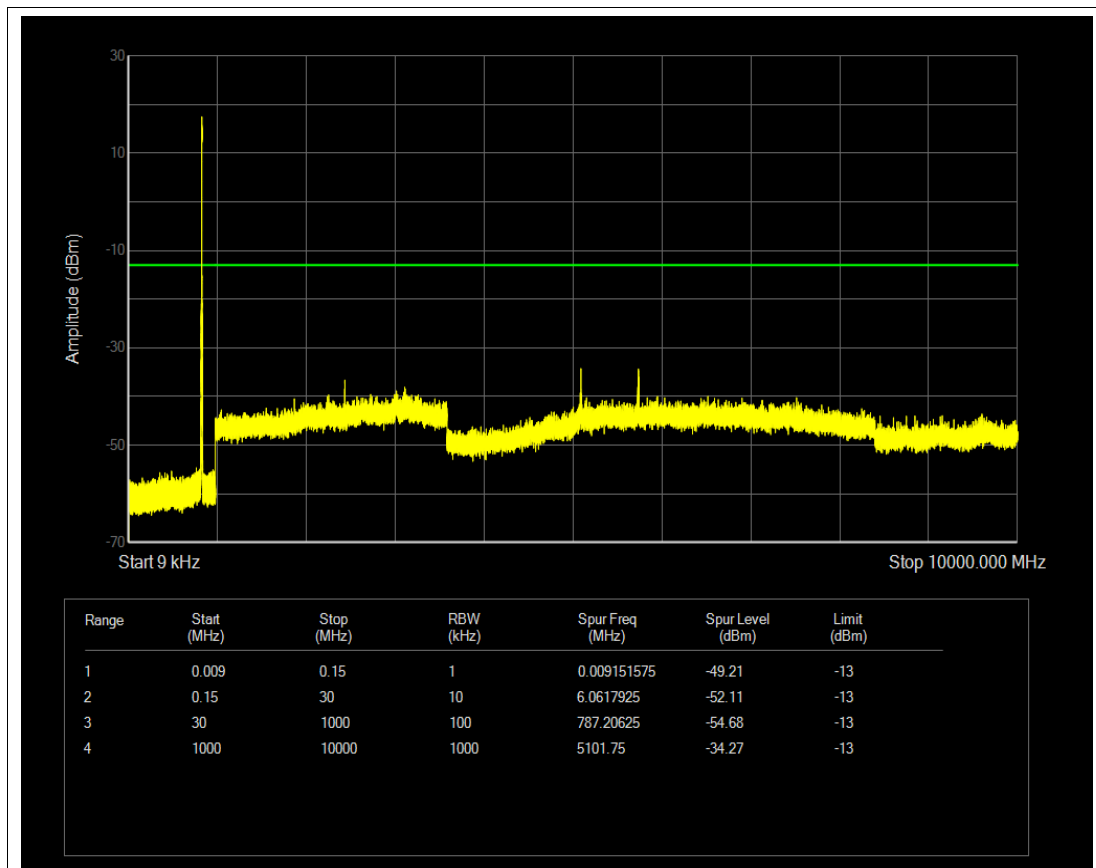
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0 NVNT



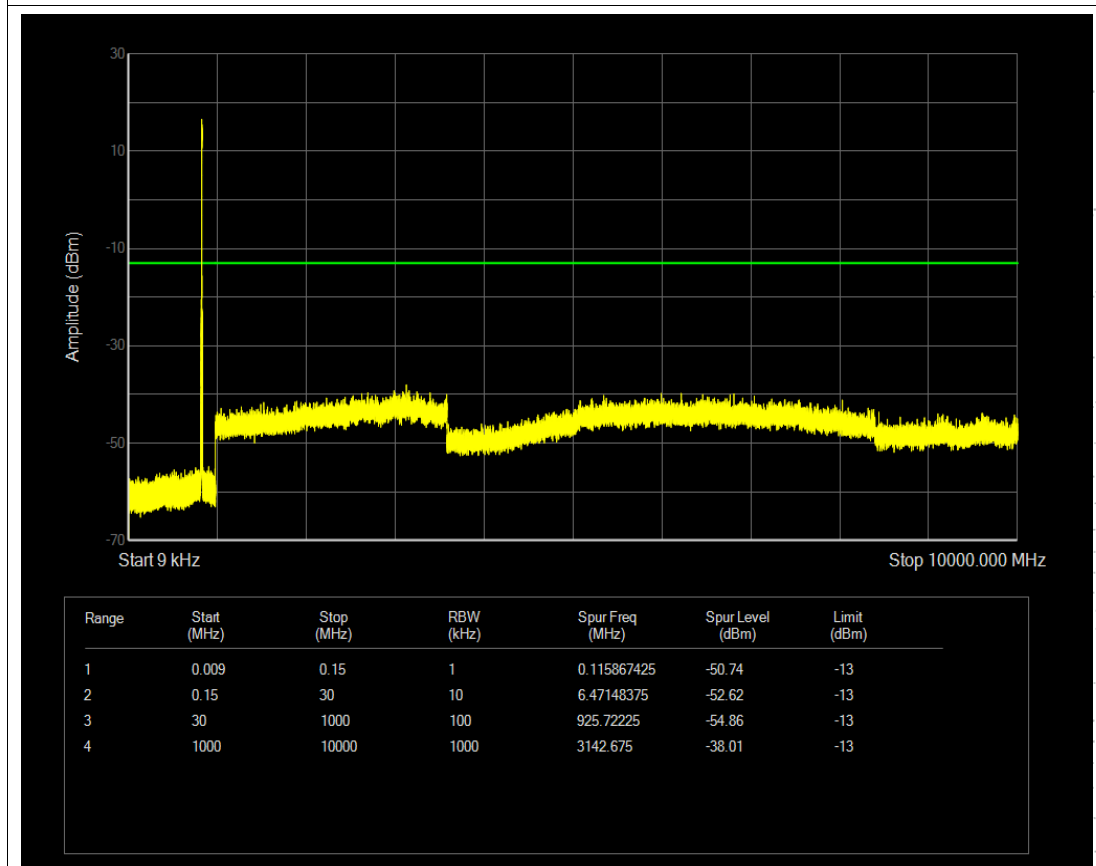
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0 NVNT



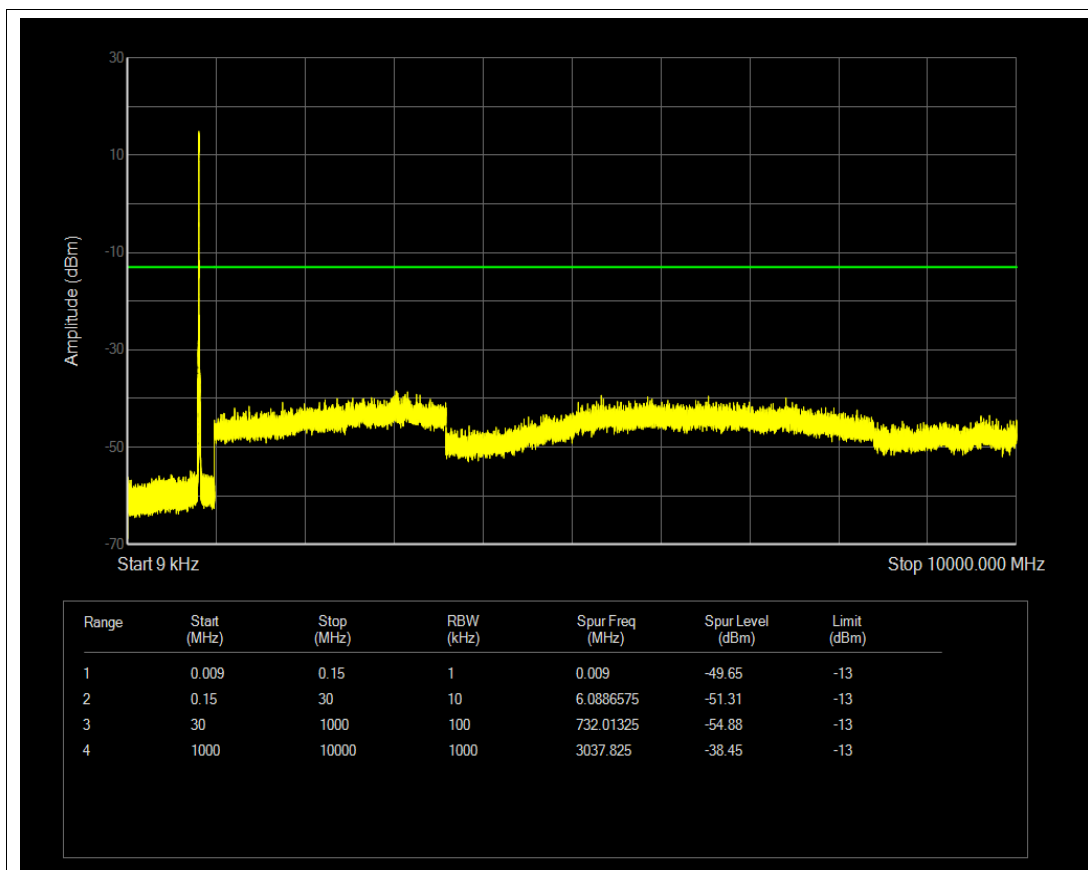
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0 NVNT



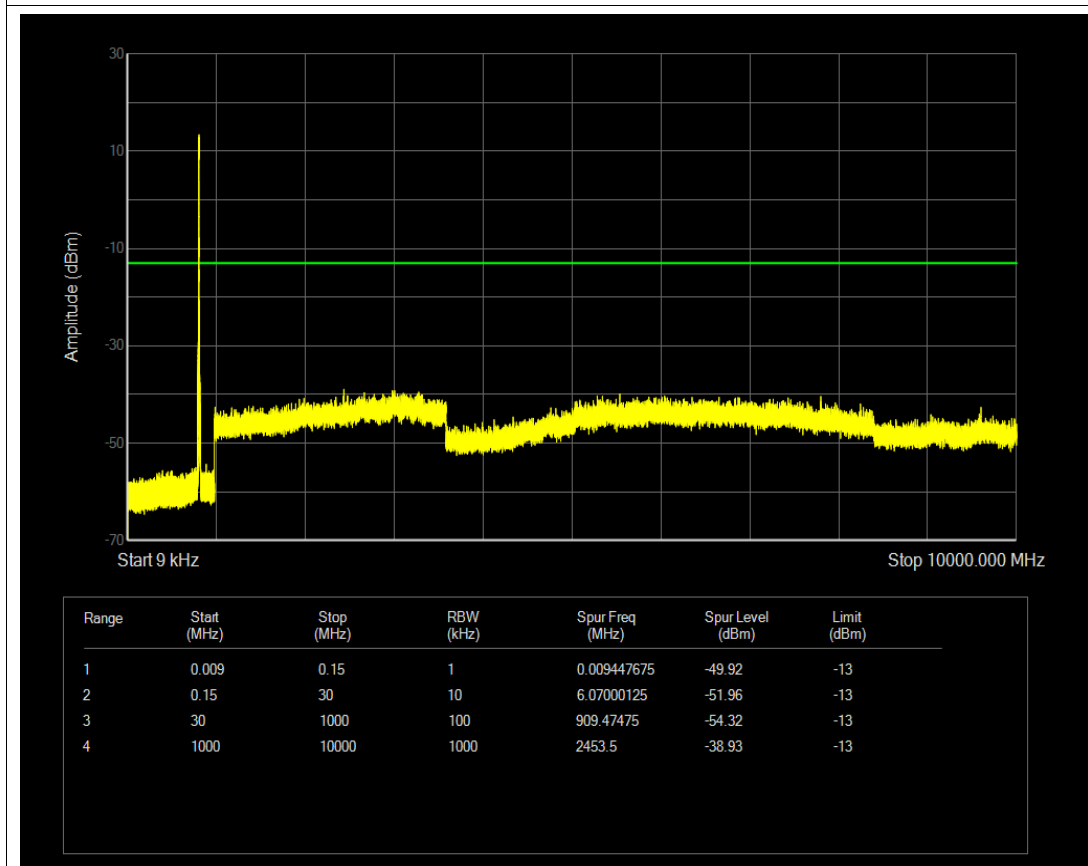
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0 NVNT



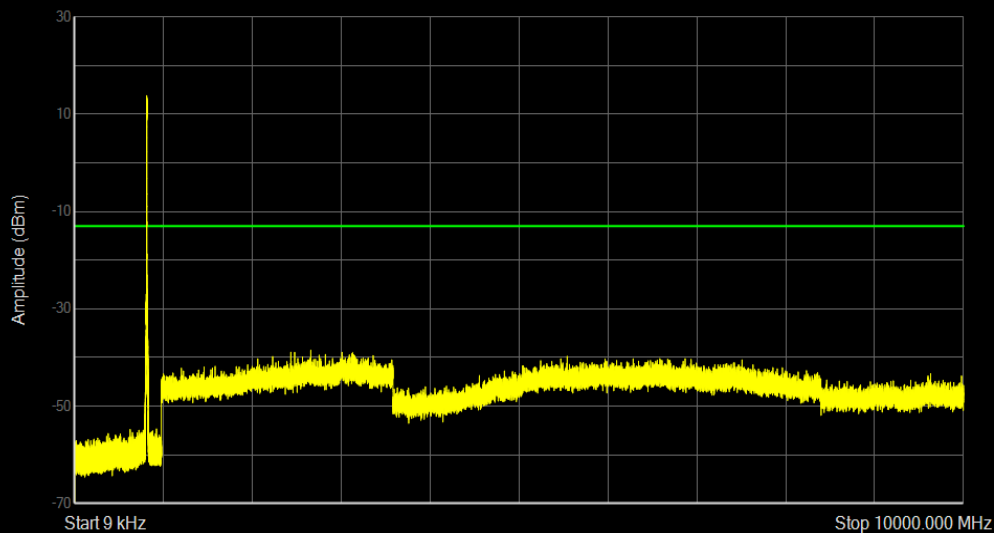
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0 NVNT



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

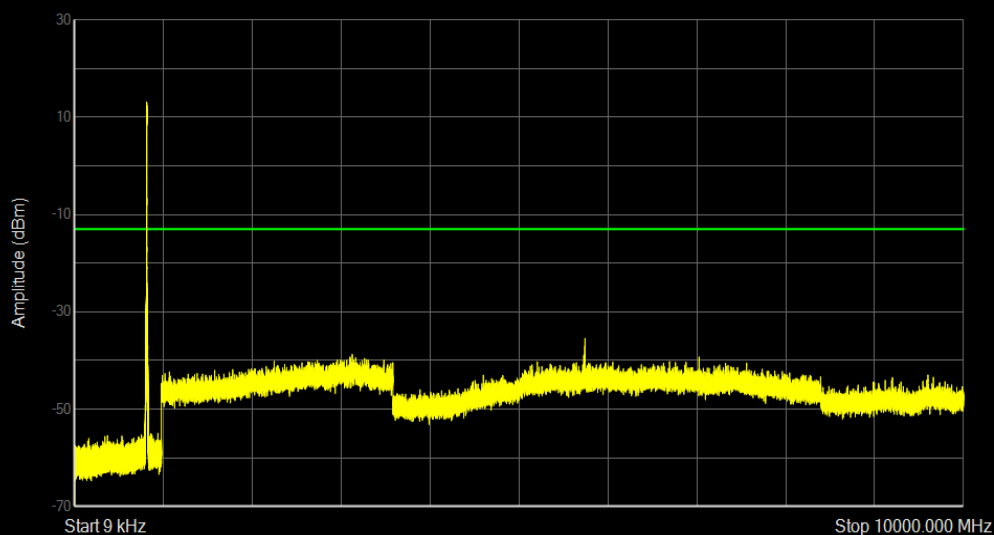


Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0 NVNT



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00928905	-50.76	-13
2	0.15	30	10	0.15597	-51.62	-13
3	30	1000	100	945.60725	-54.68	-13
4	1000	10000	1000	2676.925	-38.52	-13

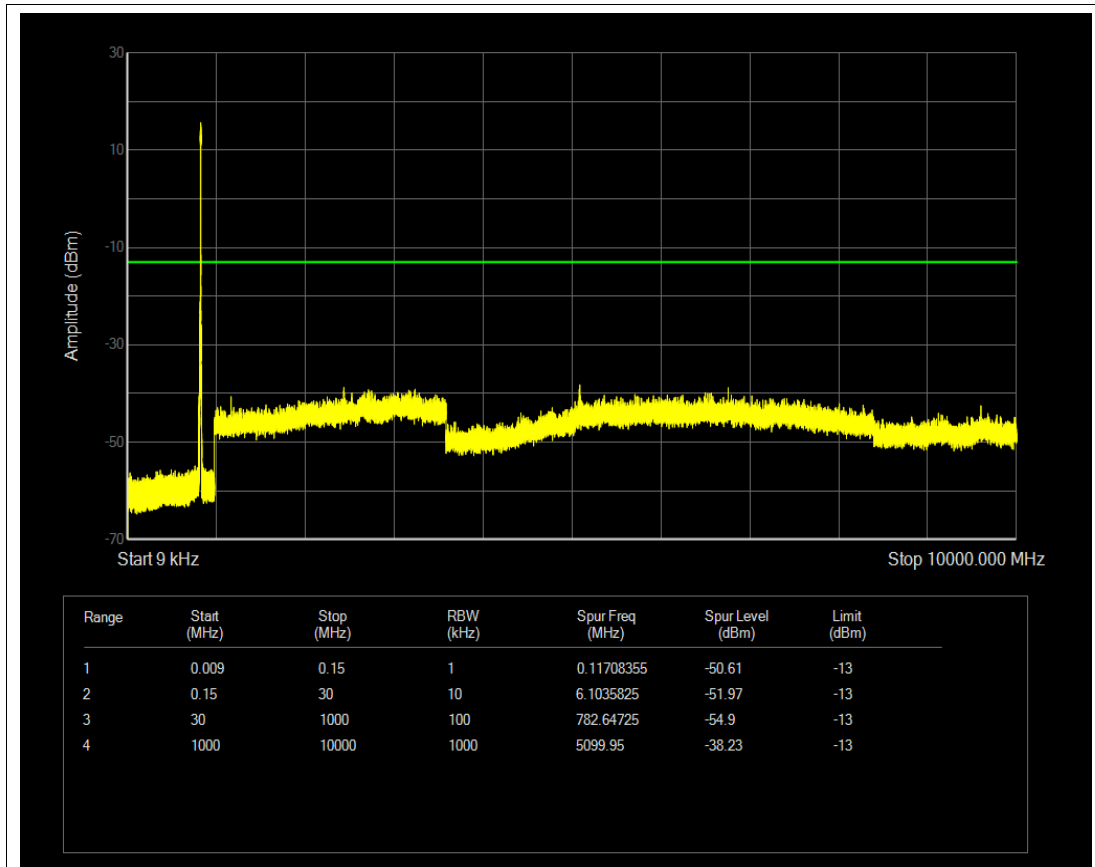
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0 NVNT



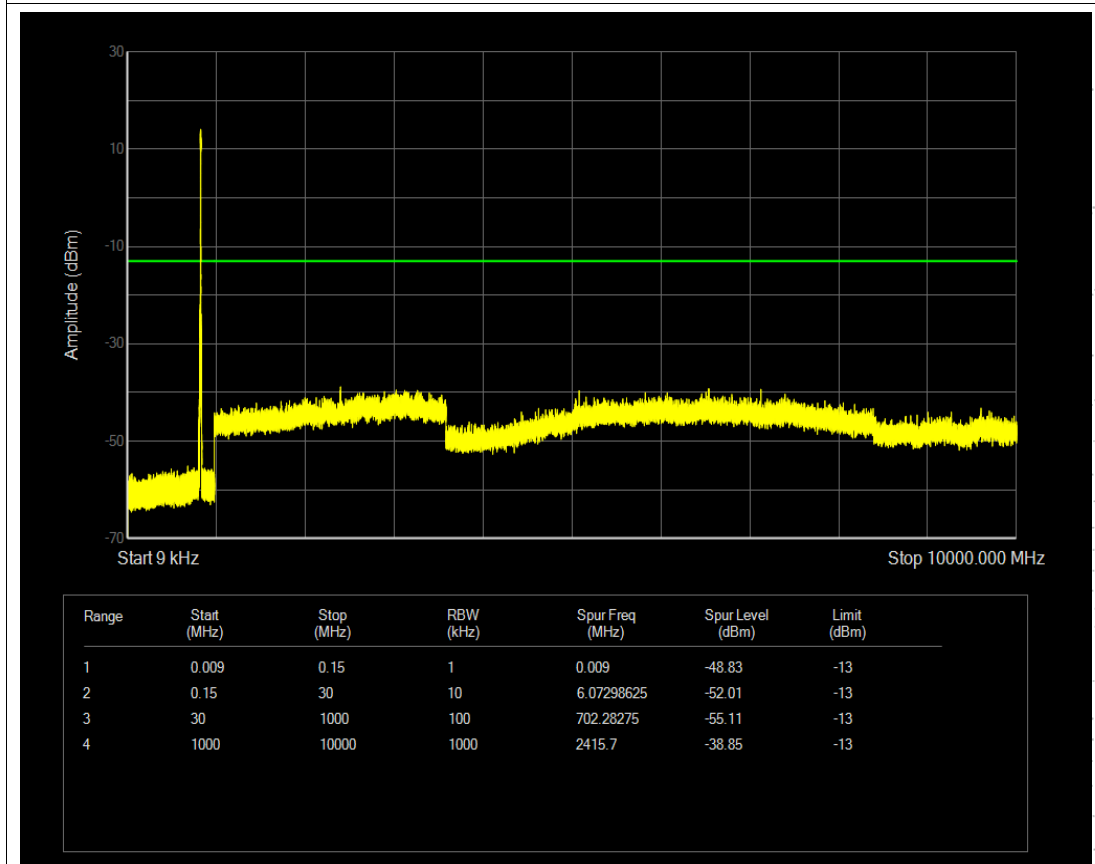
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009165675	-50.07	-13
2	0.15	30	10	6.4677525	-53.11	-13
3	30	1000	100	962.267	-54.96	-13
4	1000	10000	1000	5752.9	-35.46	-13

Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0 NVNT

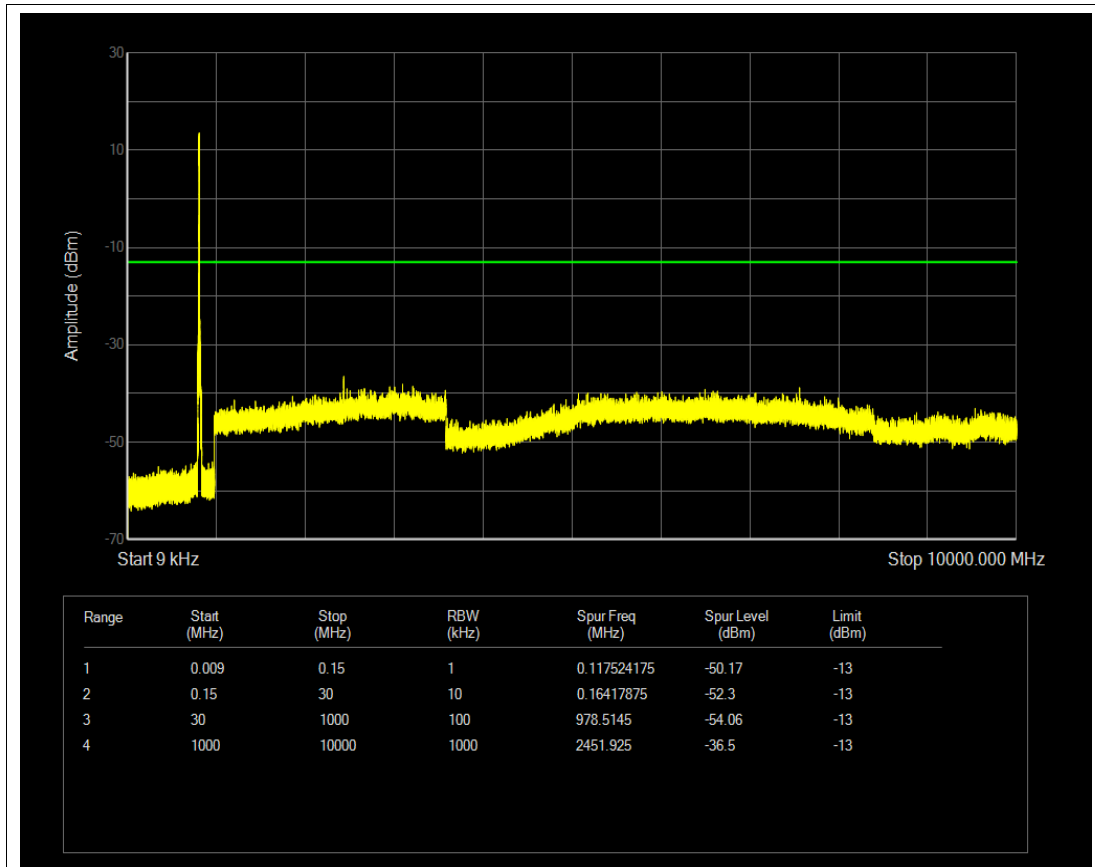




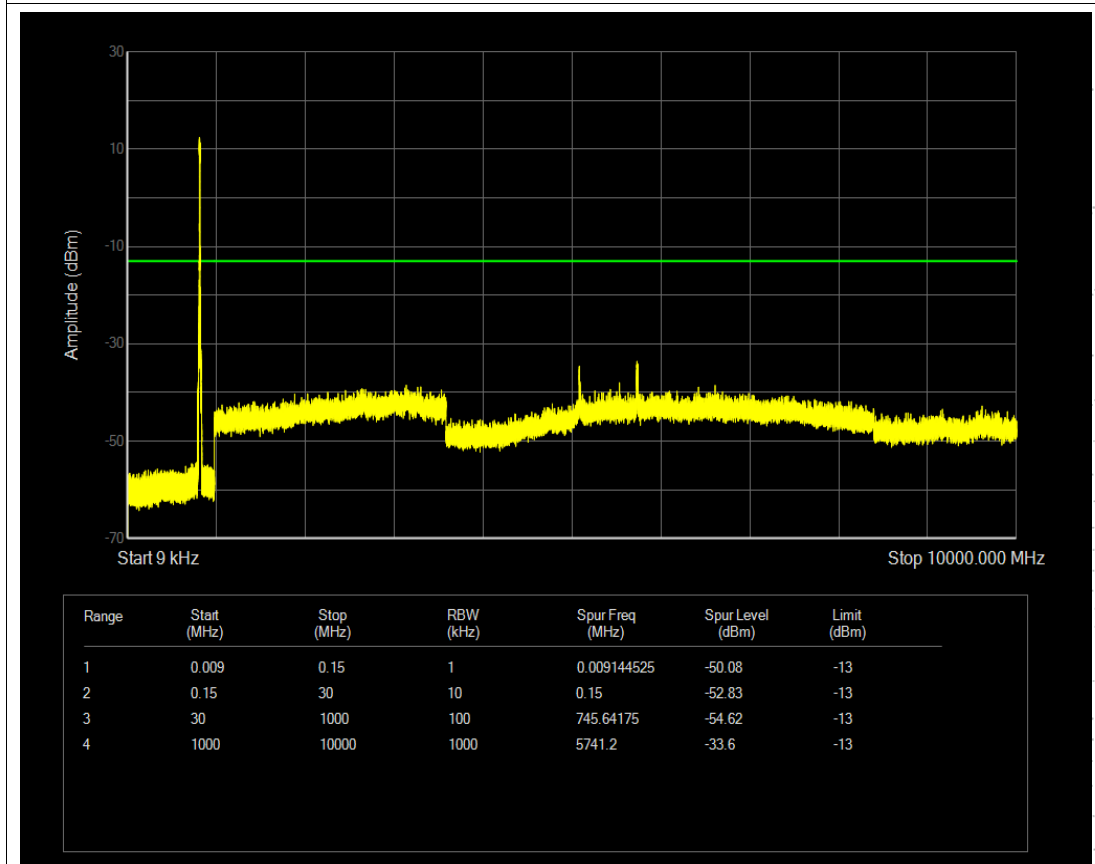
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0 NVNT



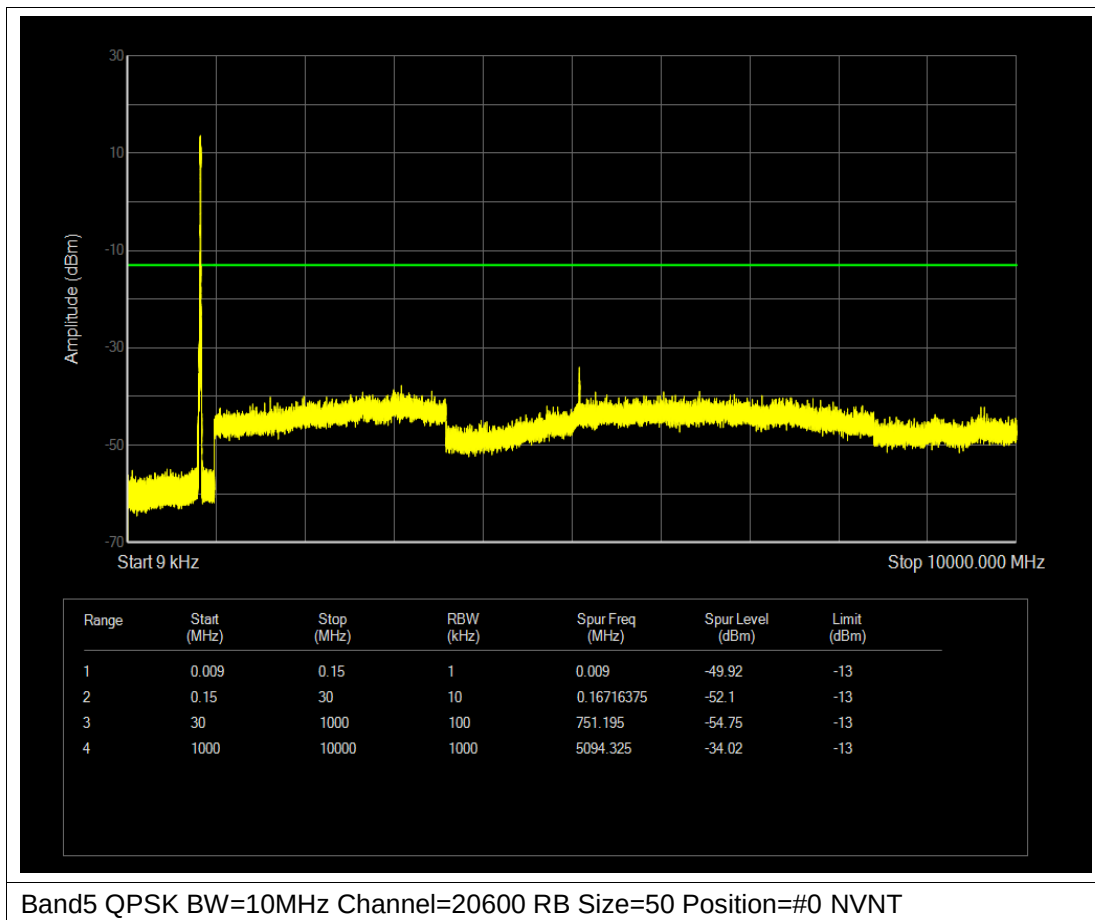
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0 NVNT



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



Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0 NVNT



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