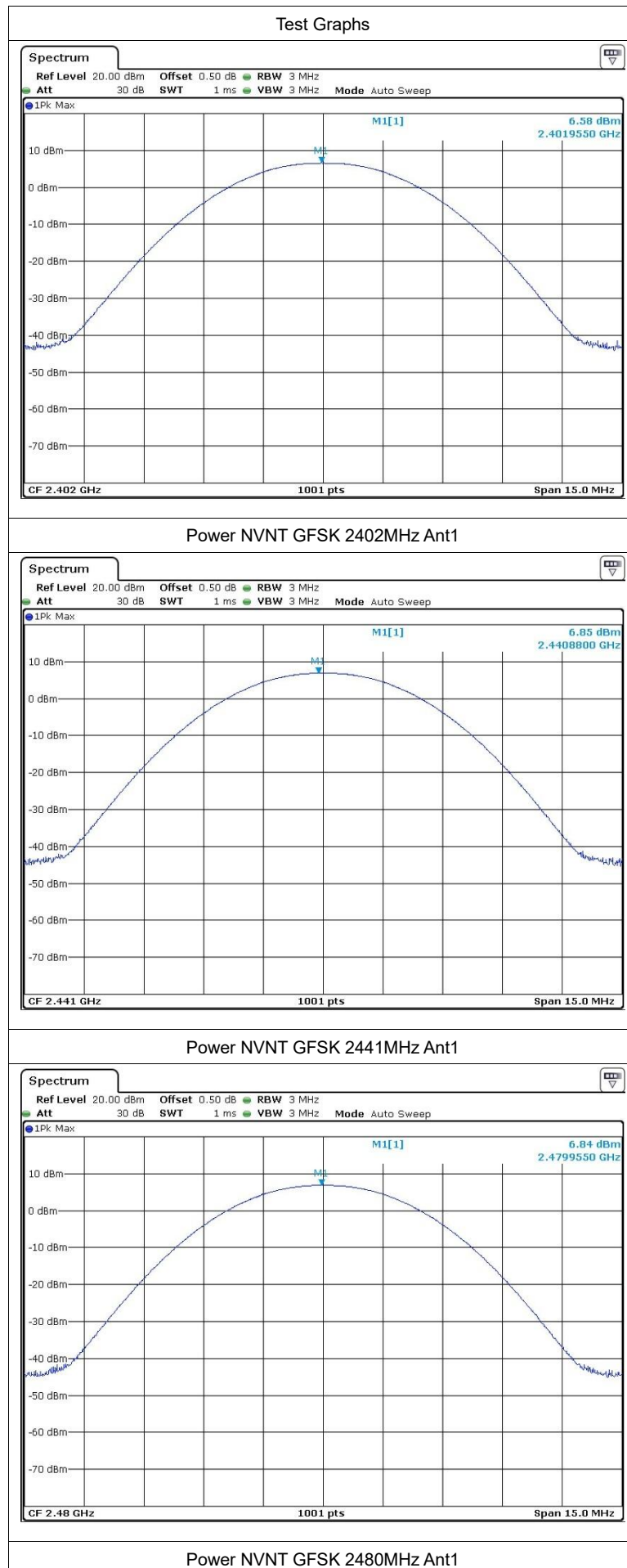
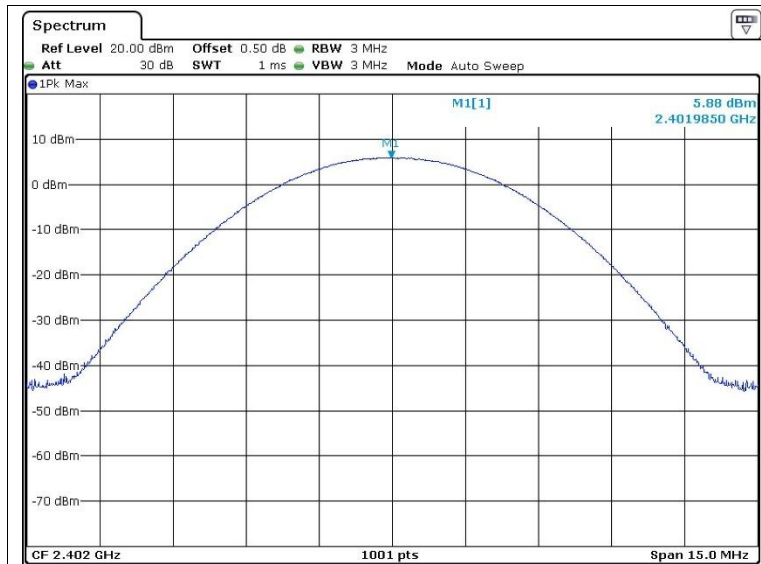


Test Data

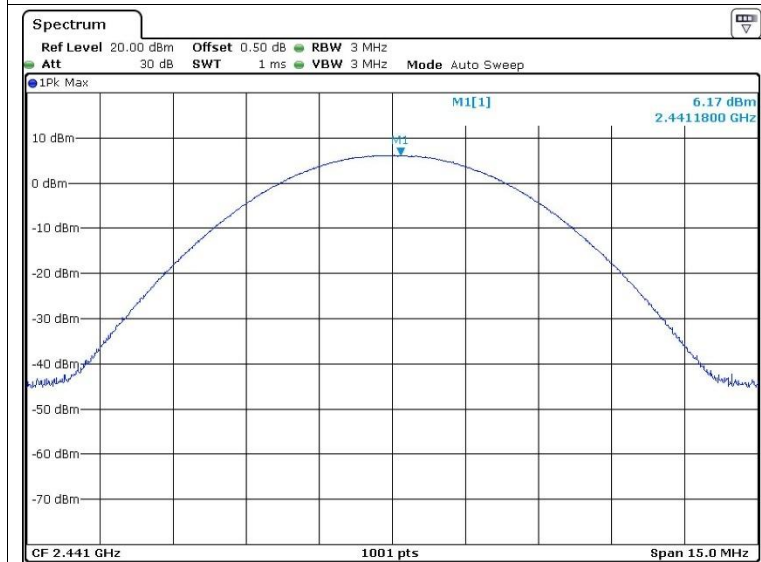
Maximum Conducted Output Power

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
GFSK	2402	Ant1	6.58	20.97	Pass
	2441	Ant1	6.85	20.97	Pass
	2480	Ant1	6.84	20.97	Pass
$\pi/4$ - DQPSK	2402	Ant1	5.88	20.97	Pass
	2441	Ant1	6.17	20.97	Pass
	2480	Ant1	6.13	20.97	Pass
8DPSK	2402	Ant1	6.08	20.97	Pass
	2441	Ant1	6.37	20.97	Pass
	2480	Ant1	6.36	20.97	Pass

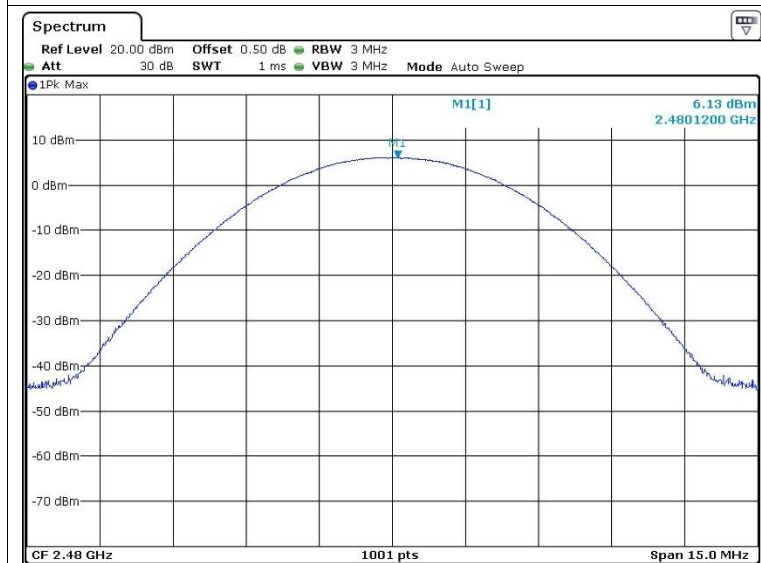




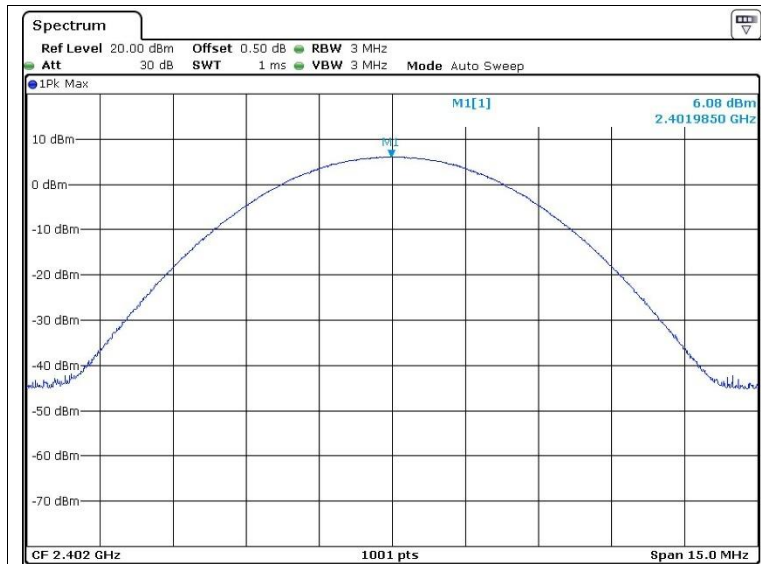
Power NVNT $\pi/4$ -DQPSK 2402MHz Ant1



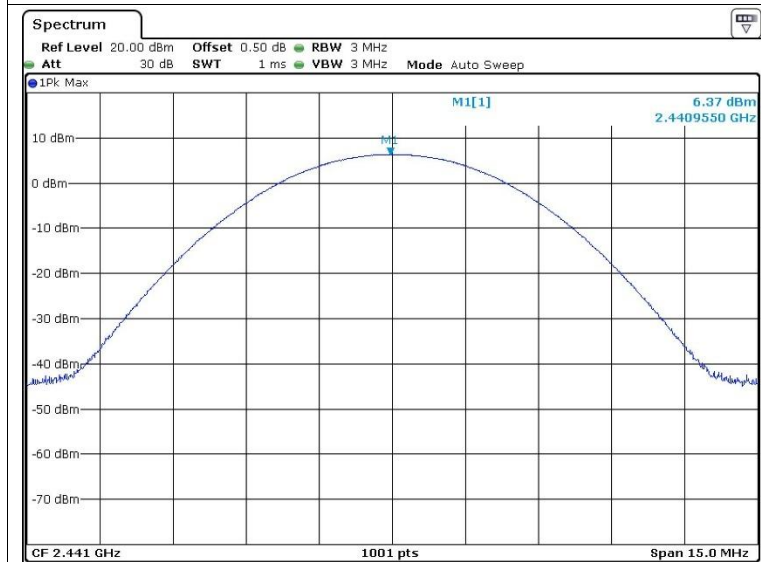
Power NVNT $\pi/4$ -DQPSK 2441MHz Ant1



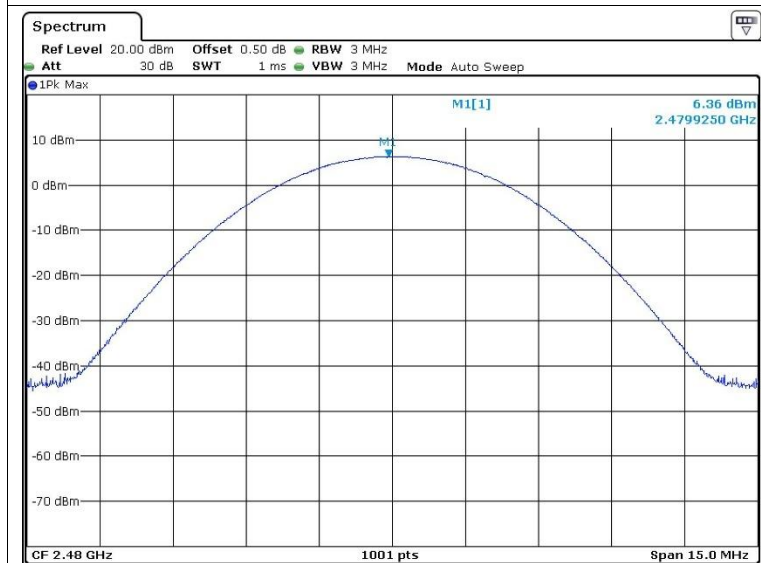
Power NVNT $\pi/4$ -DQPSK 2480MHz Ant1



Power NVNT 8DPSK 2402MHz Ant1



Power NVNT 8DPSK 2441MHz Ant1

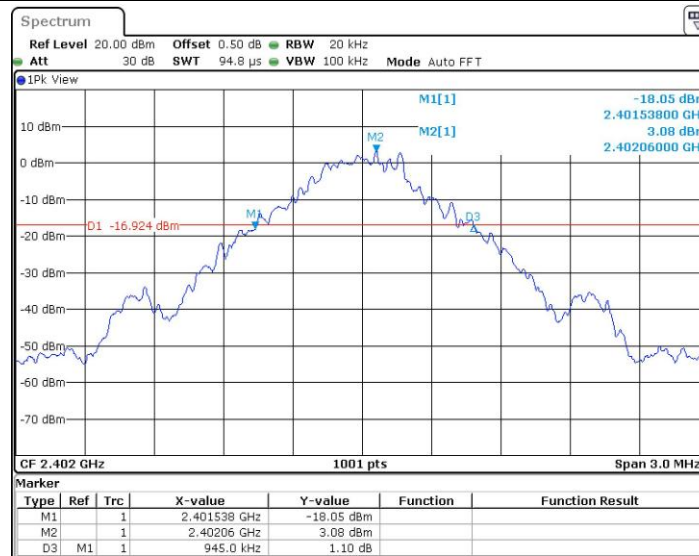


Power NVNT 8DPSK 2480MHz Ant1

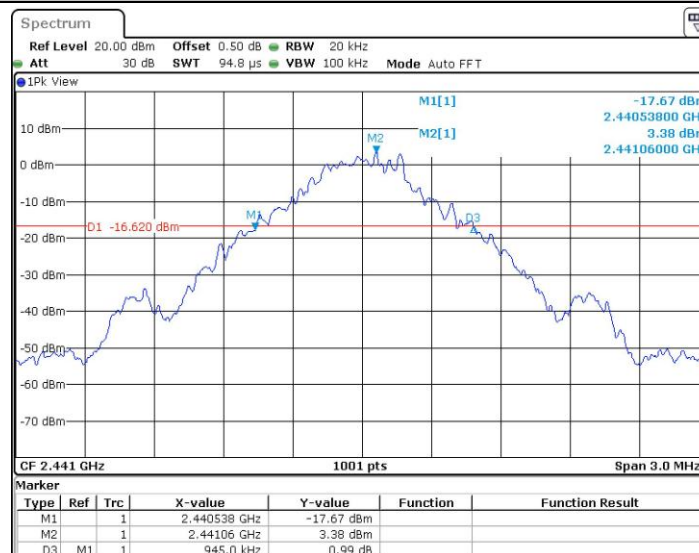
20dB Emission Bandwidth

Mode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]
GFSK	Ant1	2402	0.945	2401.538	2402.483
		2441	0.945	2440.538	2441.483
		2480	0.945	2479.538	2480.483
$\pi/4$ -DQPSK	Ant1	2402	1.260	2401.370	2402.630
		2441	1.260	2440.370	2441.630
		2480	1.260	2479.370	2480.630
8DPSK	Ant1	2402	1.266	2401.358	2402.624
		2441	1.266	2440.358	2441.624
		2480	1.266	2479.358	2480.624

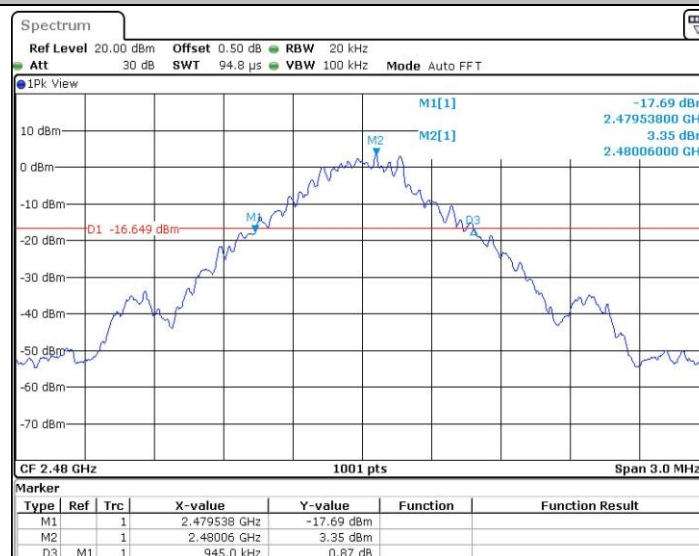
Test Graphs



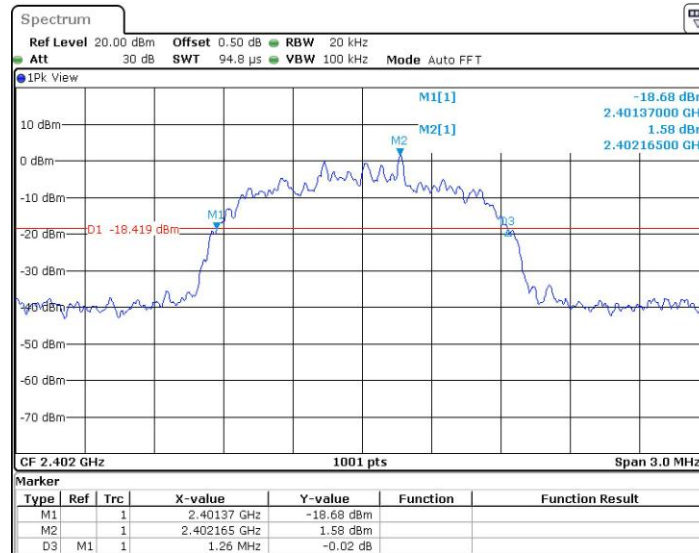
DH5_Ant1_2402



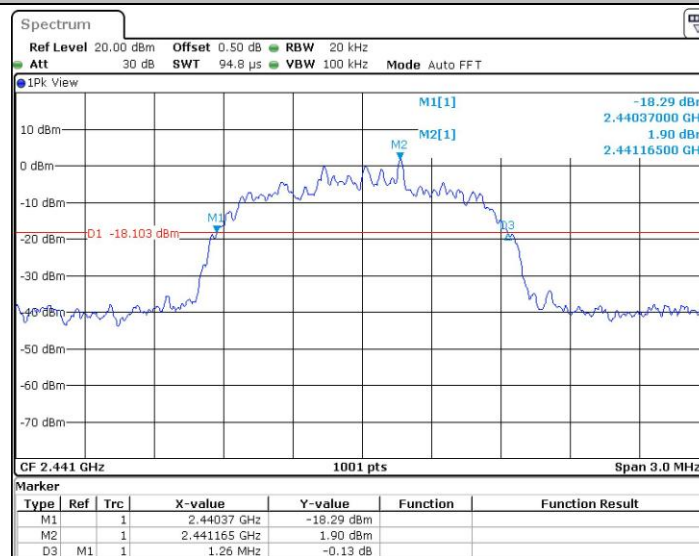
DH5_Ant1_2441



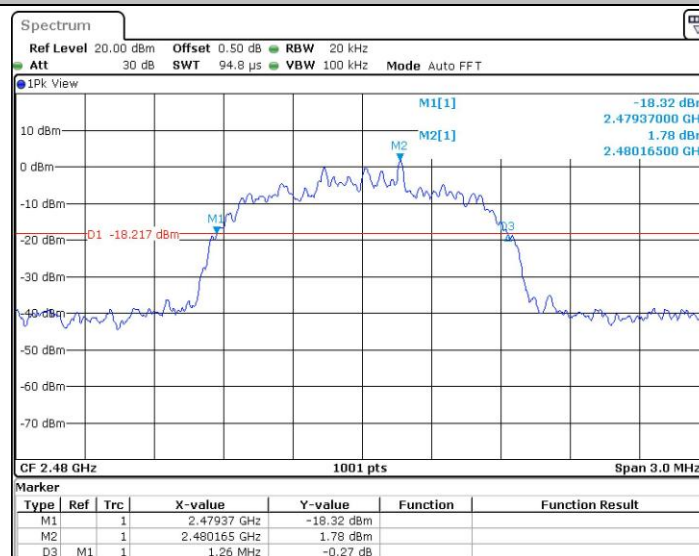
DH5_Ant1_2480



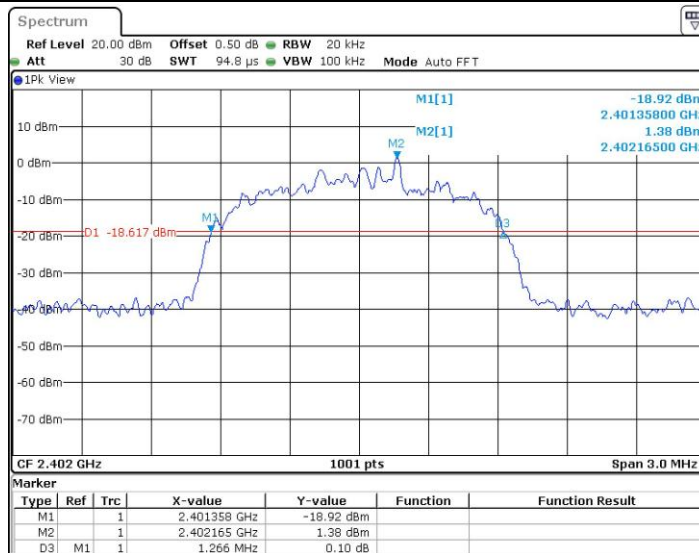
2DH5_Ant1_2402



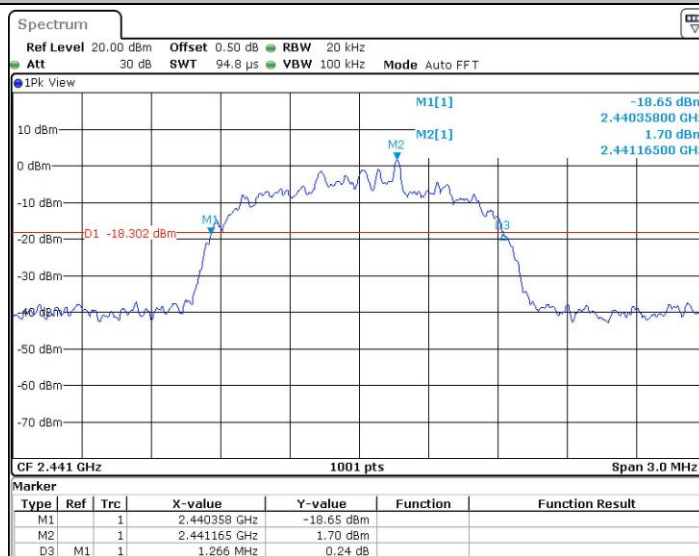
2DH5_Ant1_2441



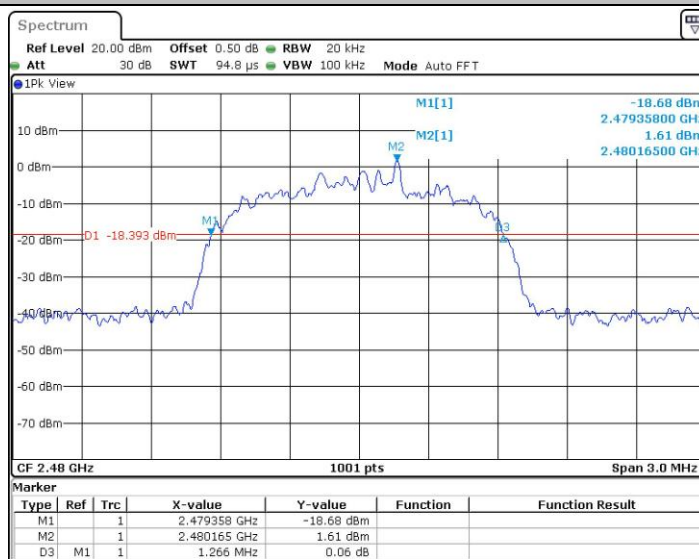
2DH5_Ant1_2480



3DH5_Ant1_2402



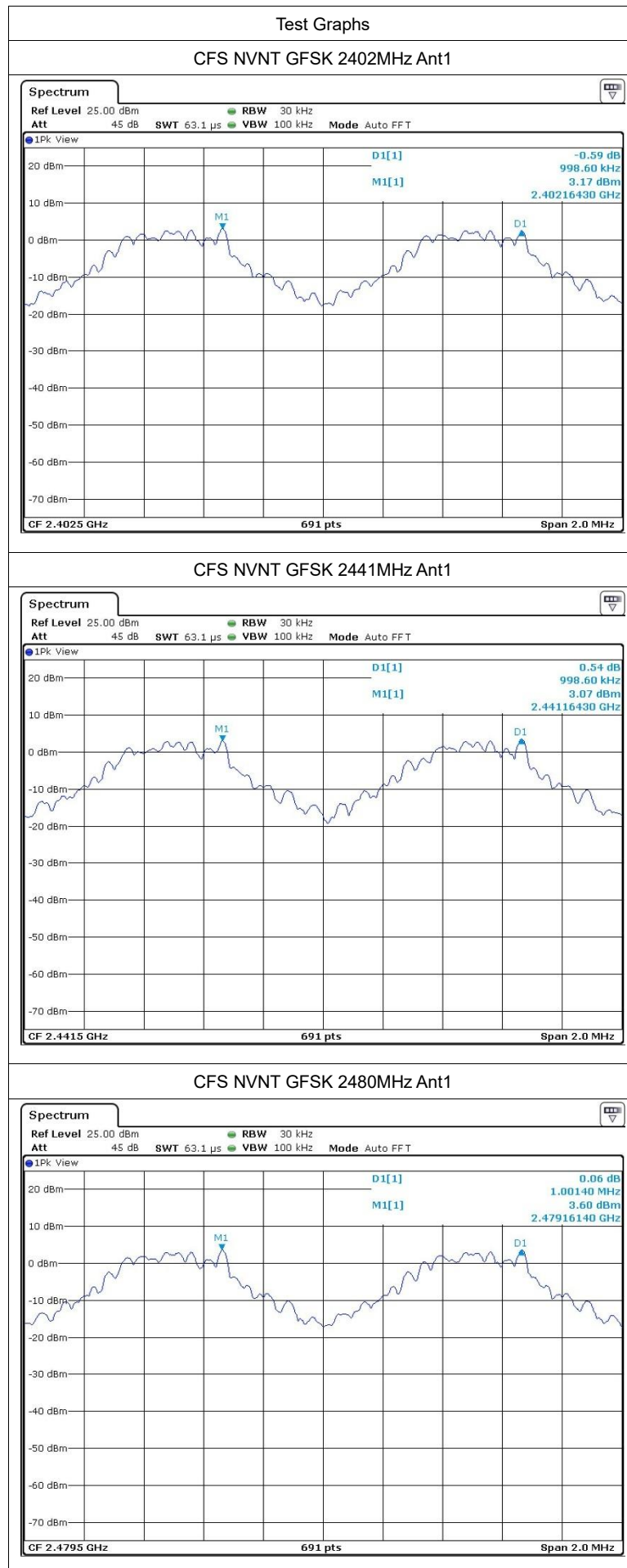
3DH5_Ant1_2441



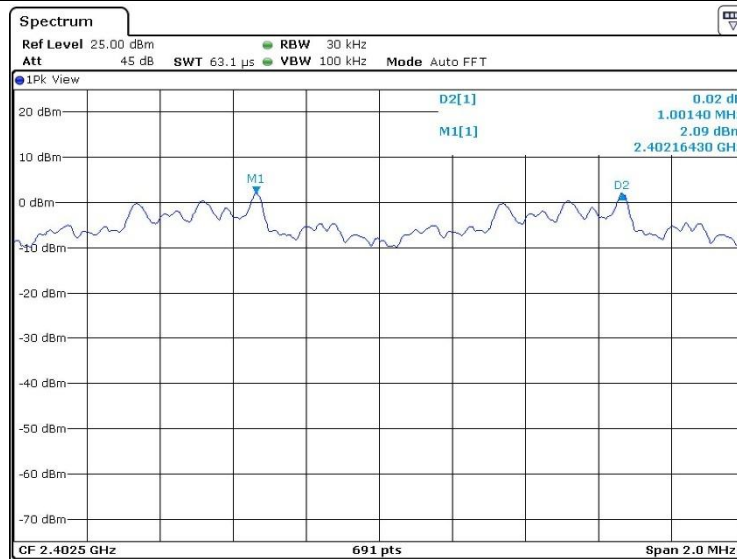
3DH5_Ant1_2480

Carrier Frequencies Separation

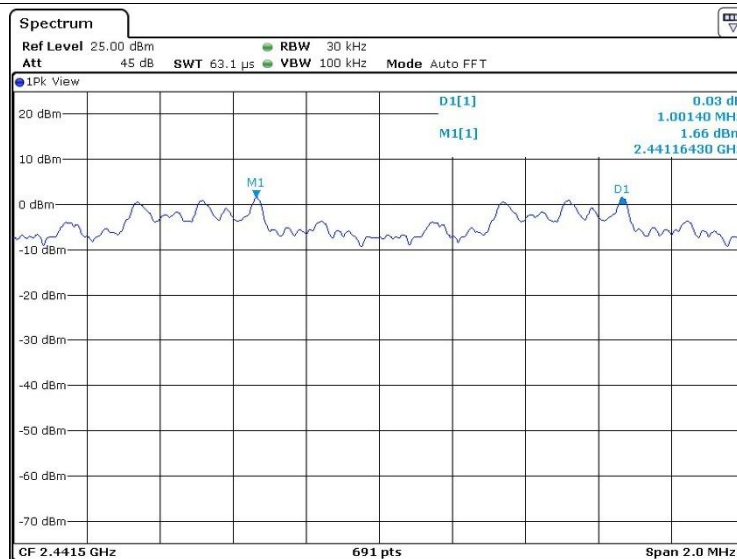
Mode	Antenna	Channel Separation (MHz)	Limit (MHz)	Verdict
GFSK	Ant1	0.999	0.630	Pass
	Ant1	0.999	0.630	Pass
	Ant1	1.001	0.630	Pass
$\pi/4$ -DQPSK	Ant1	1.001	0.840	Pass
	Ant1	1.001	0.840	Pass
	Ant1	1.001	0.840	Pass
8DPSK	Ant1	1.001	0.844	Pass
	Ant1	1.001	0.844	Pass
	Ant1	1.001	0.844	Pass



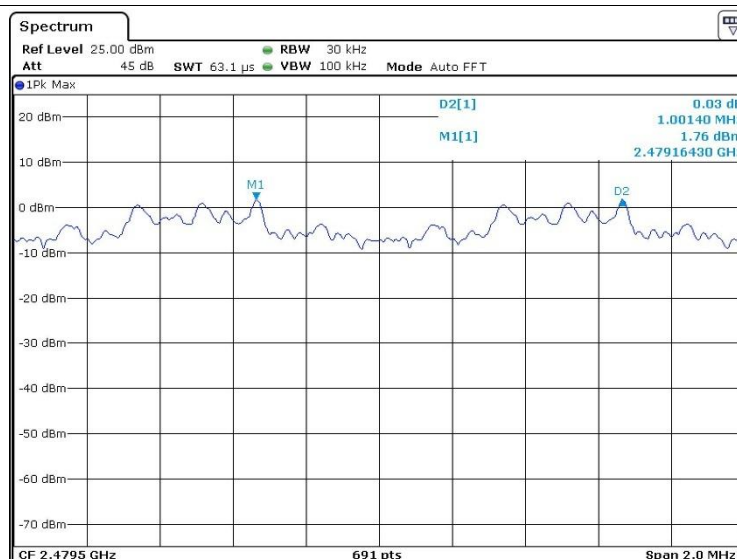
CFS NVNT $\pi/4$ -DQPSK 2402MHz Ant1



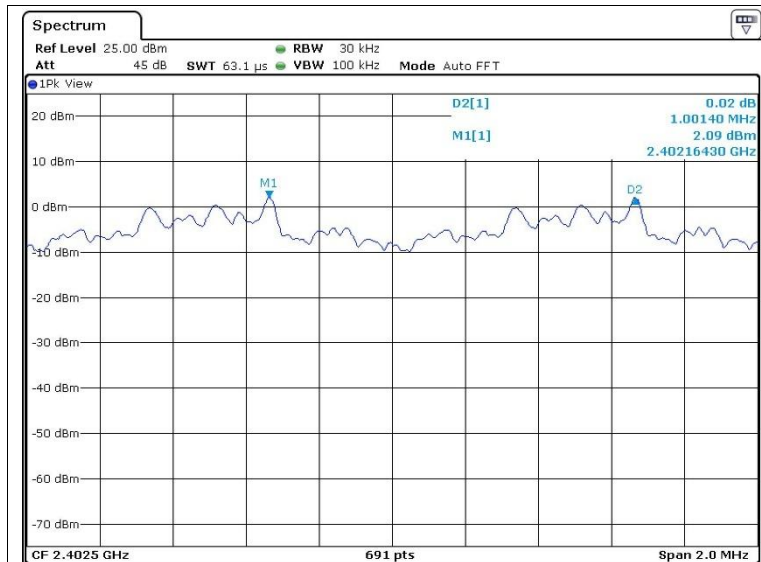
CFS NVNT $\pi/4$ -DQPSK 2441MHz Ant1



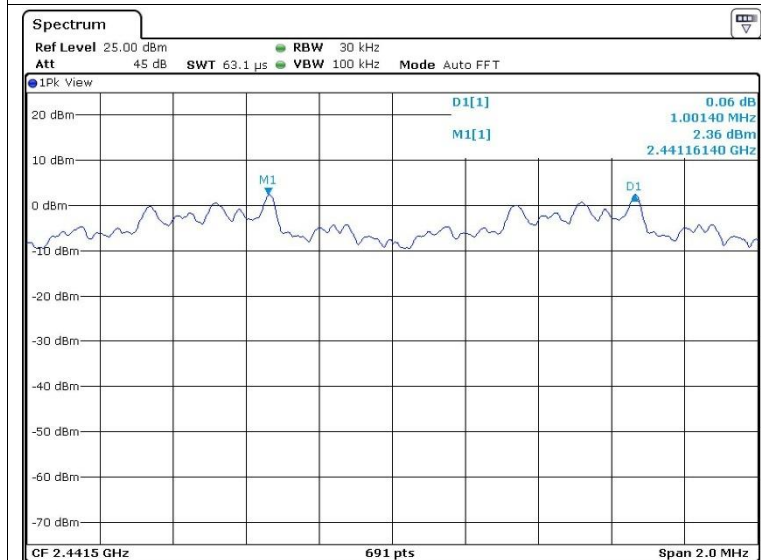
CFS NVNT $\pi/4$ -DQPSK 2480MHz Ant1



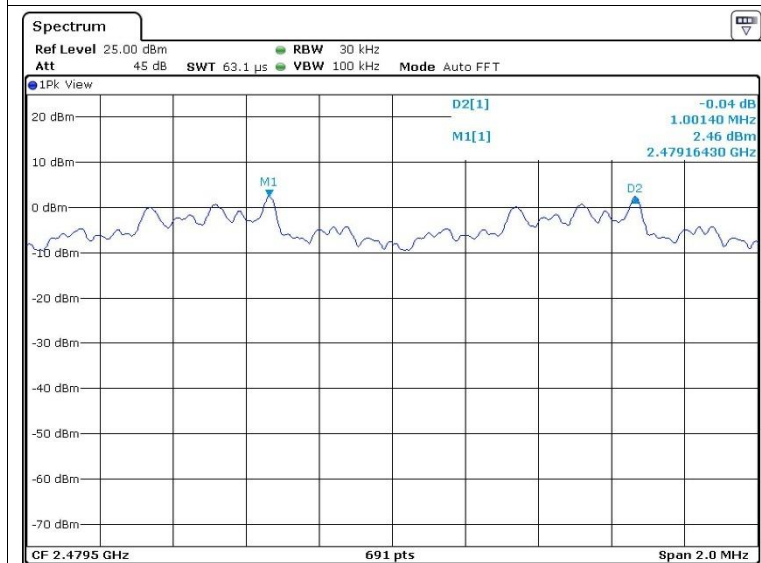
CFS NVNT 8DPSK 2402MHz Ant1



CFS NVNT 8DPSK 2441MHz Ant1

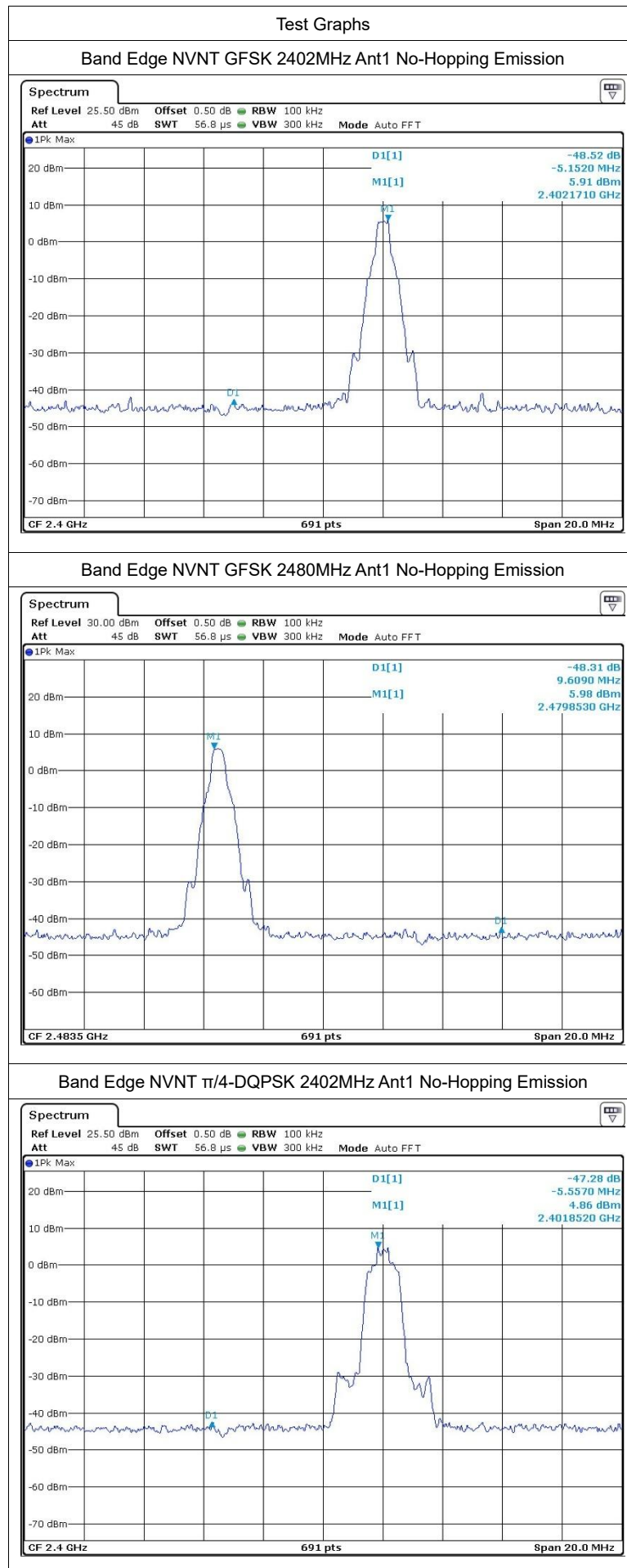


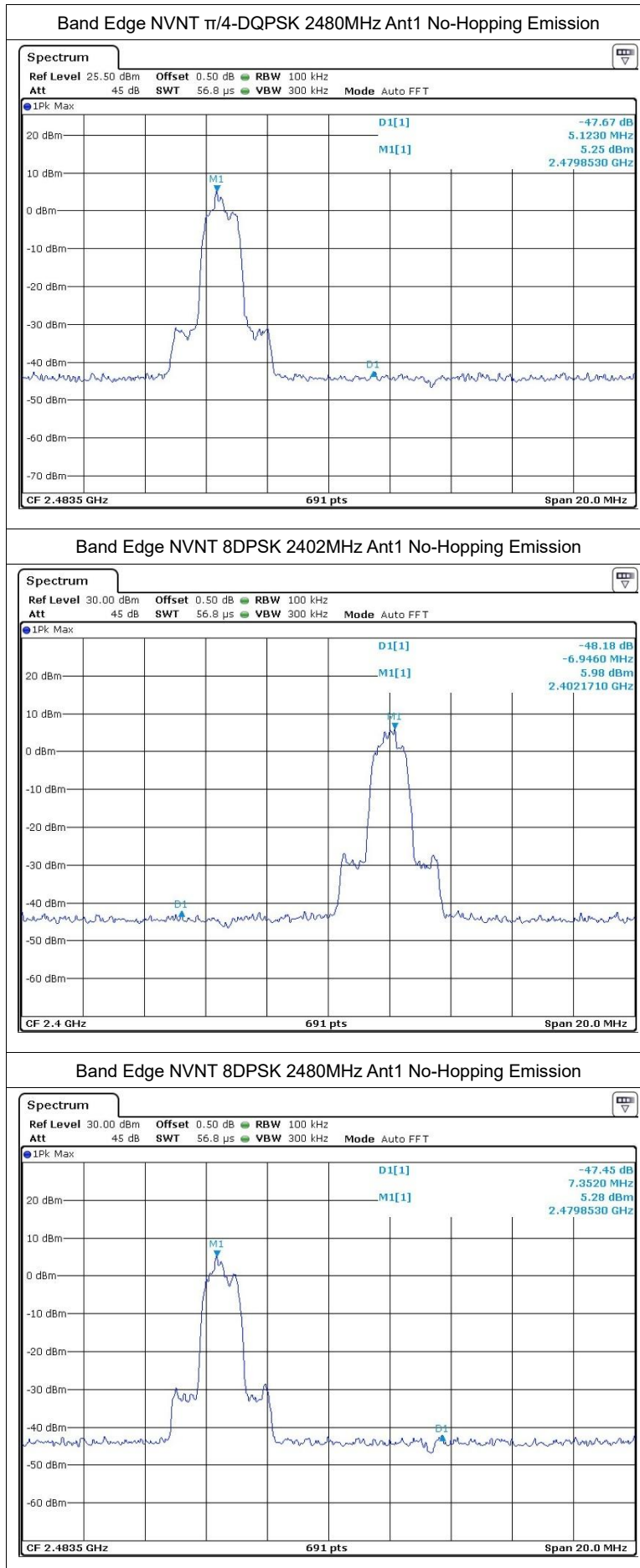
CFS NVNT 8DPSK 2480MHz Ant1



Band Edge

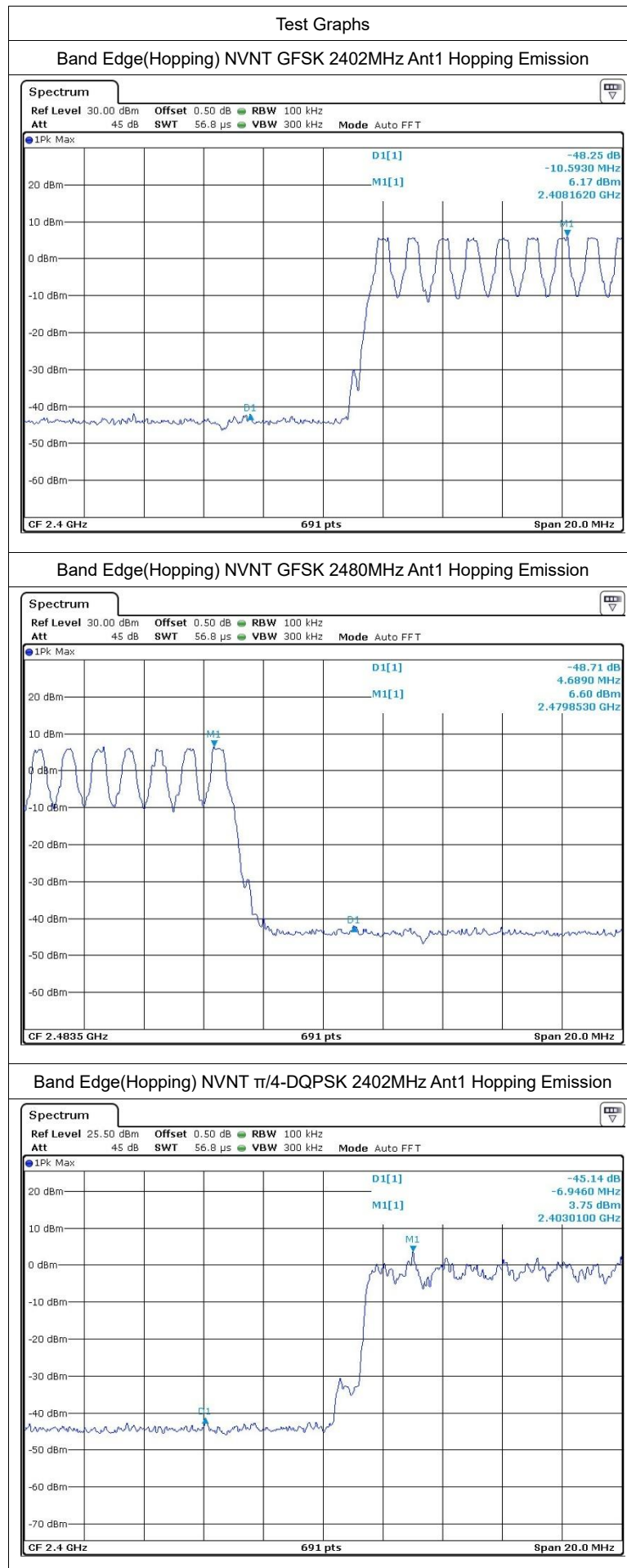
Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
GFSK	2402	Ant1	No-Hopping	-48.52	-20	Pass
	2480	Ant1	No-Hopping	-48.31	-20	Pass
$\pi/4$ -DQPSK	2402	Ant1	No-Hopping	-47.28	-20	Pass
	2480	Ant1	No-Hopping	-47.67	-20	Pass
8DPSK	2402	Ant1	No-Hopping	-48.18	-20	Pass
	2480	Ant1	No-Hopping	-47.45	-20	Pass



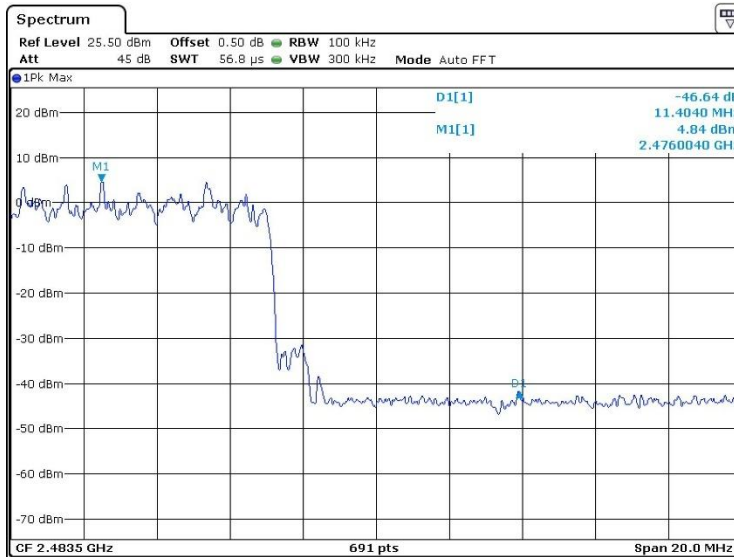


Band Edge(Hopping)

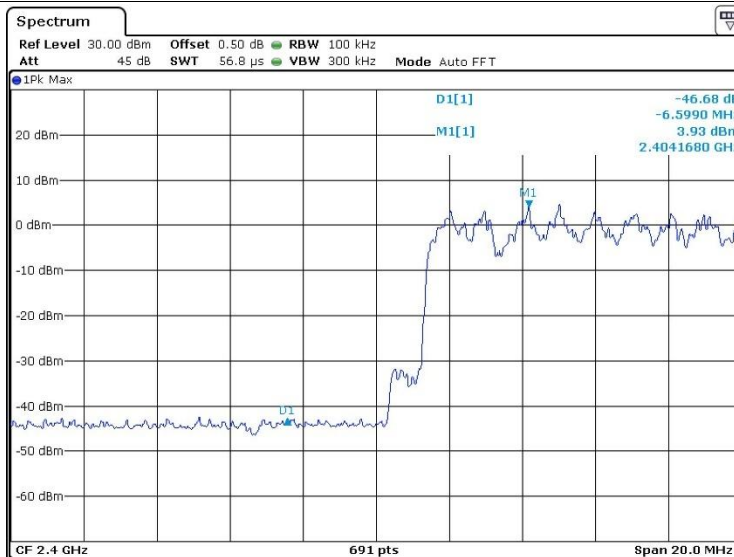
Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
GFSK	2402	Ant1	Hopping	-48.25	-20	Pass
	2480	Ant1	Hopping	-48.71	-20	Pass
$\pi/4$ -DQPSK	2402	Ant1	Hopping	-45.14	-20	Pass
	2480	Ant1	Hopping	-46.64	-20	Pass
8DPSK	2402	Ant1	Hopping	-46.68	-20	Pass
	2480	Ant1	Hopping	-45.41	-20	Pass



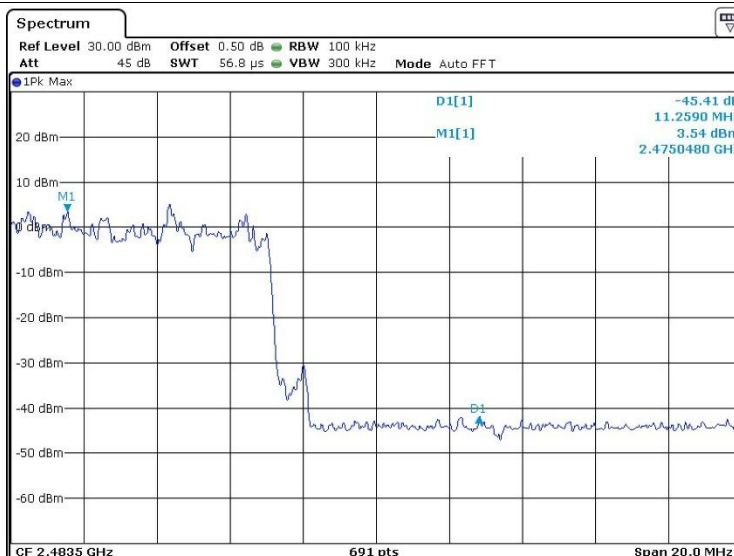
Band Edge(Hopping) NVNT $\pi/4$ -DQPSK 2480MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 8DPSK 2402MHz Ant1 Hopping Emission

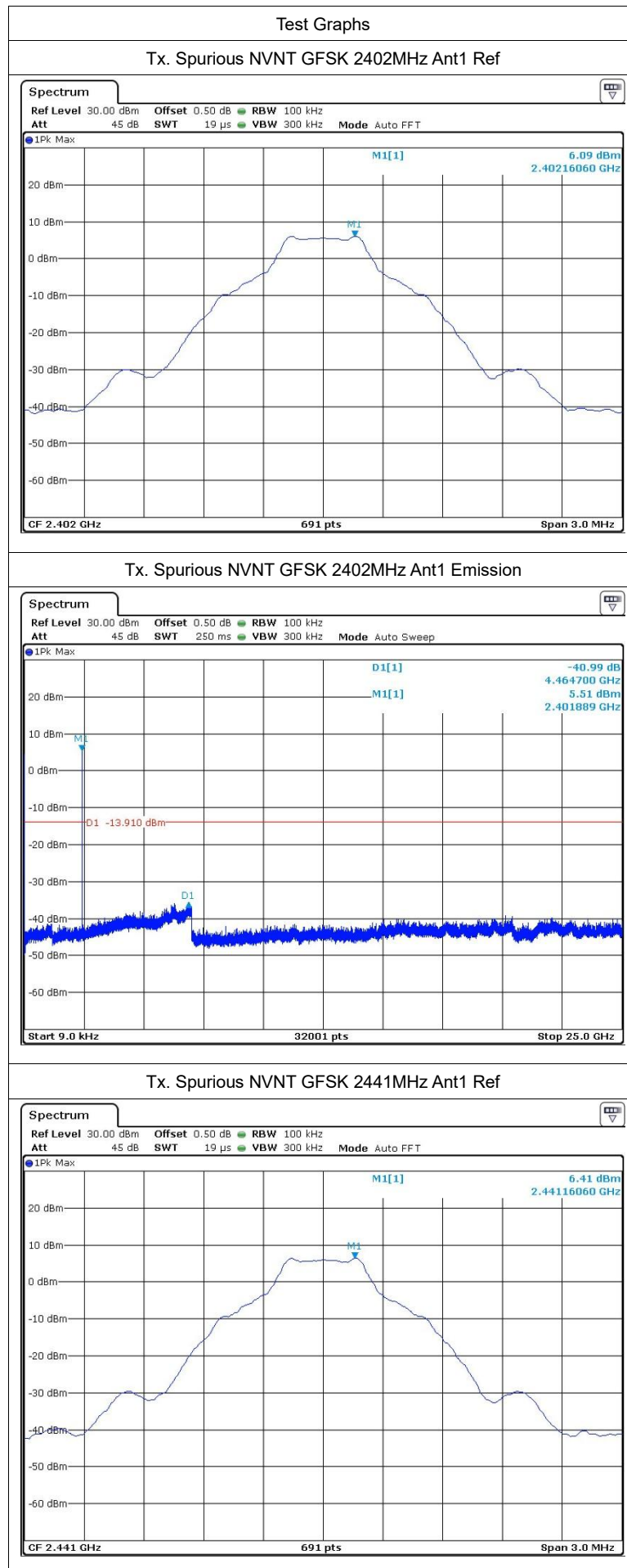


Band Edge(Hopping) NVNT 8DPSK 2480MHz Ant1 Hopping Emission

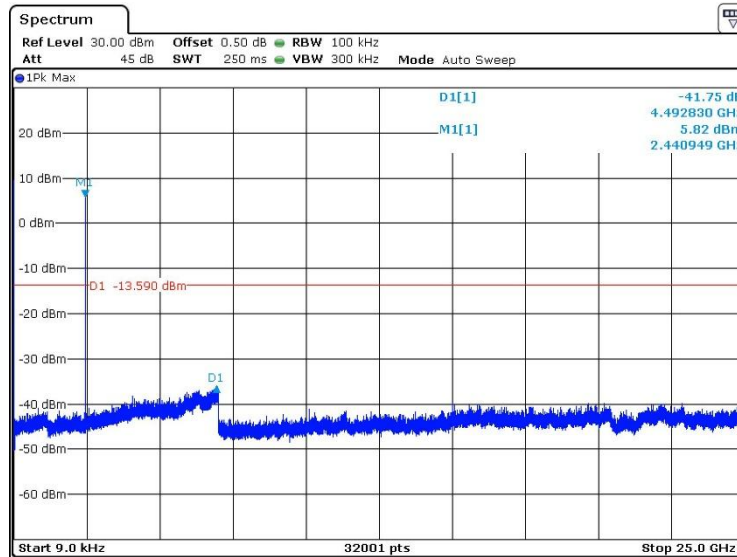


Conducted RF Spurious Emission

Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
GFSK	2402	Ant1	-40.99	-20	Pass
	2441	Ant1	-41.75	-20	Pass
	2480	Ant1	-41.72	-20	Pass
$\pi/4$ -DQPSK	2402	Ant1	-36.71	-20	Pass
	2441	Ant1	-36.04	-20	Pass
	2480	Ant1	-36.23	-20	Pass
8DPSK	2402	Ant1	-37.12	-20	Pass
	2441	Ant1	-41.18	-20	Pass
	2480	Ant1	-38.70	-20	Pass



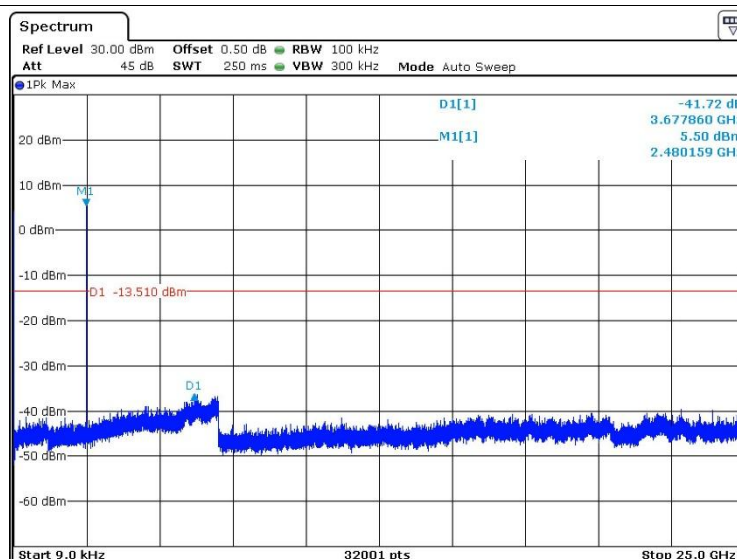
Tx. Spurious NVNT GFSK 2441MHz Ant1 Emission



Tx. Spurious NVNT GFSK 2480MHz Ant1 Ref



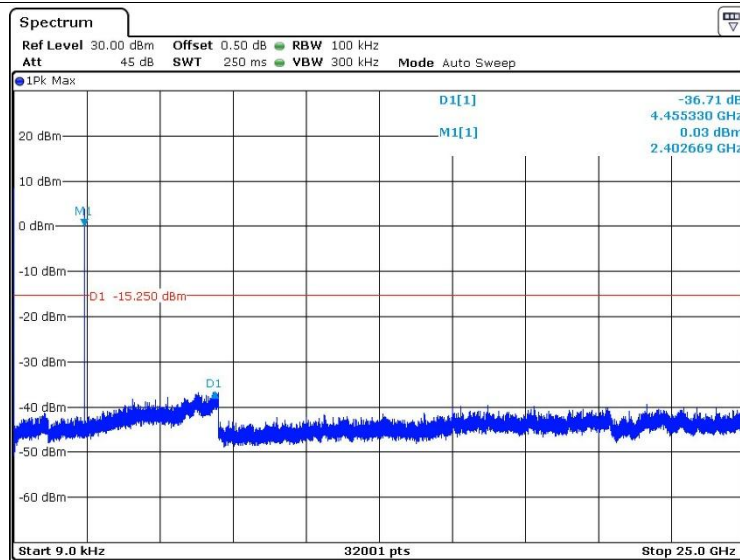
Tx. Spurious NVNT GFSK 2480MHz Ant1 Emission



Tx. Spurious NVNT $\pi/4$ -DQPSK 2402MHz Ant1 Ref



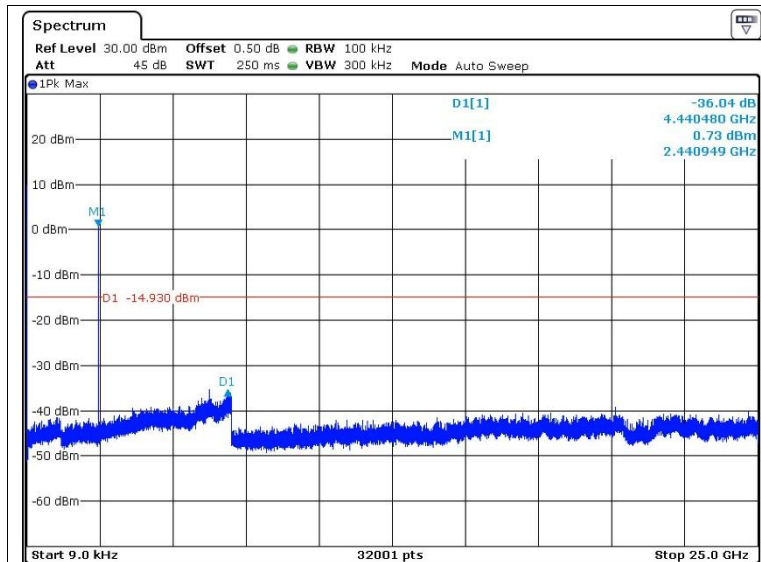
Tx. Spurious NVNT $\pi/4$ -DQPSK 2402MHz Ant1 Emission



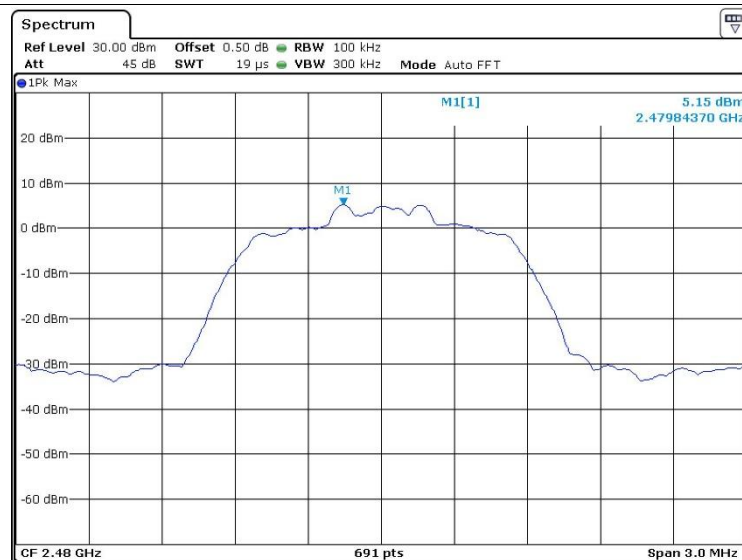
Tx. Spurious NVNT $\pi/4$ -DQPSK 2441MHz Ant1 Ref



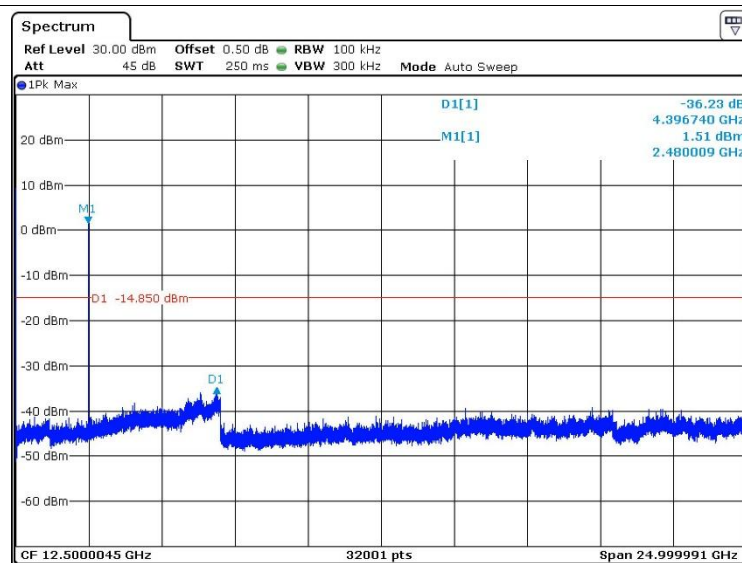
Tx. Spurious NVNT $\pi/4$ -DQPSK 2441MHz Ant1 Emission



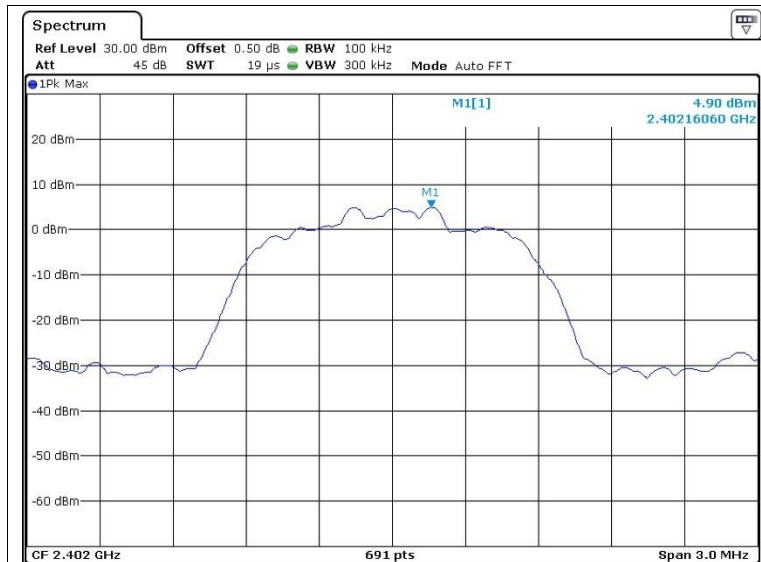
Tx. Spurious NVNT $\pi/4$ -DQPSK 2480MHz Ant1 Ref



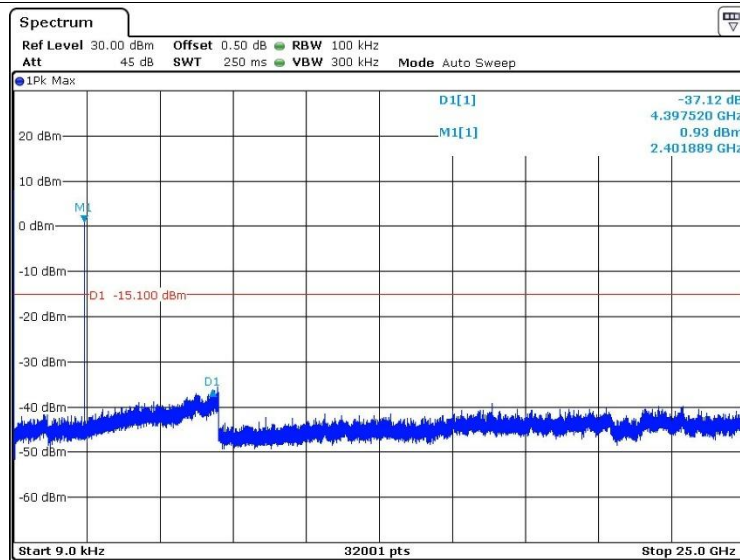
Tx. Spurious NVNT $\pi/4$ -DQPSK 2480MHz Ant1 Emission



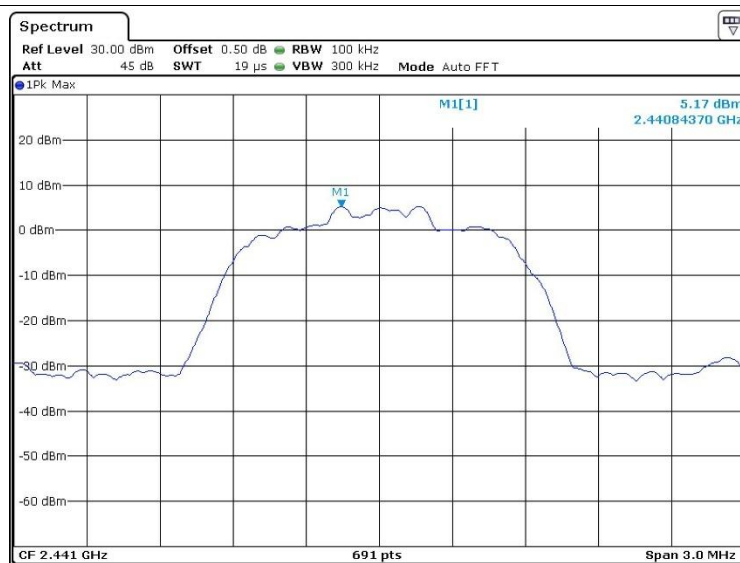
Tx. Spurious NVNT 8DPSK 2402MHz Ant1 Ref



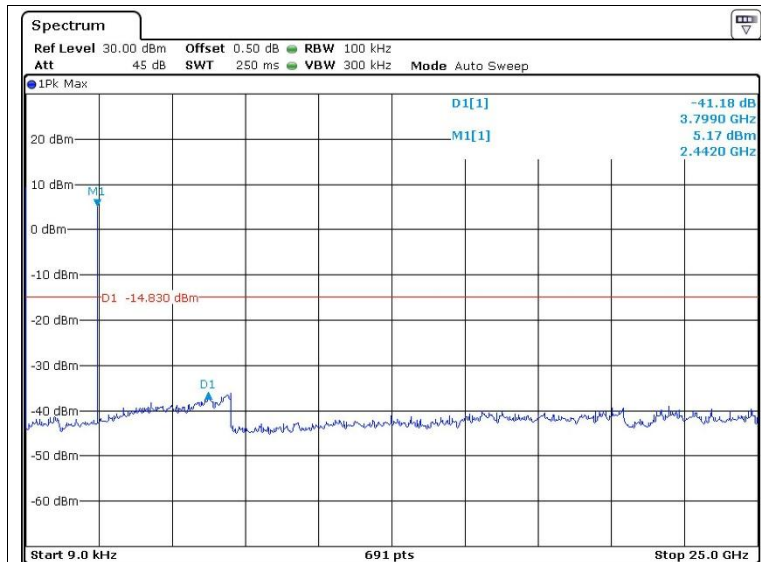
Tx. Spurious NVNT 8DPSK 2402MHz Ant1 Emission



Tx. Spurious NVNT 8DPSK 2441MHz Ant1 Ref



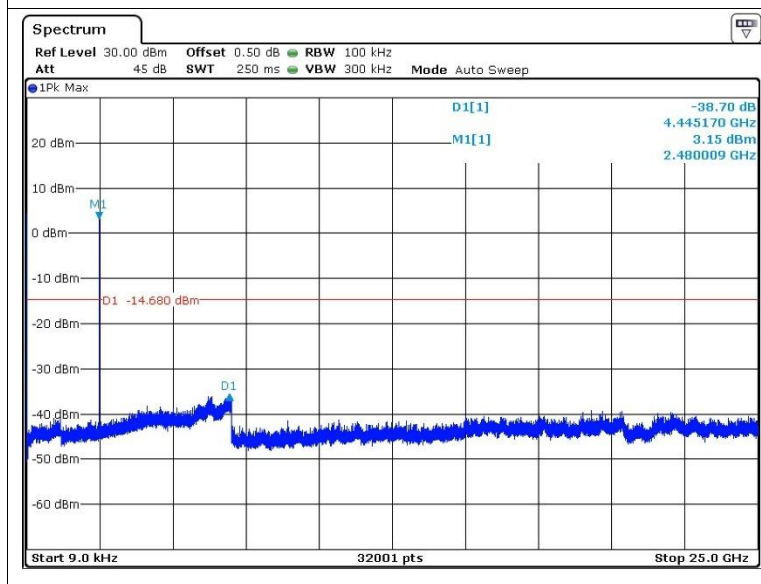
Tx. Spurious NVNT 8DPSK 2441MHz Ant1 Emission



Tx. Spurious NVNT 8DPSK 2480MHz Ant1 Ref

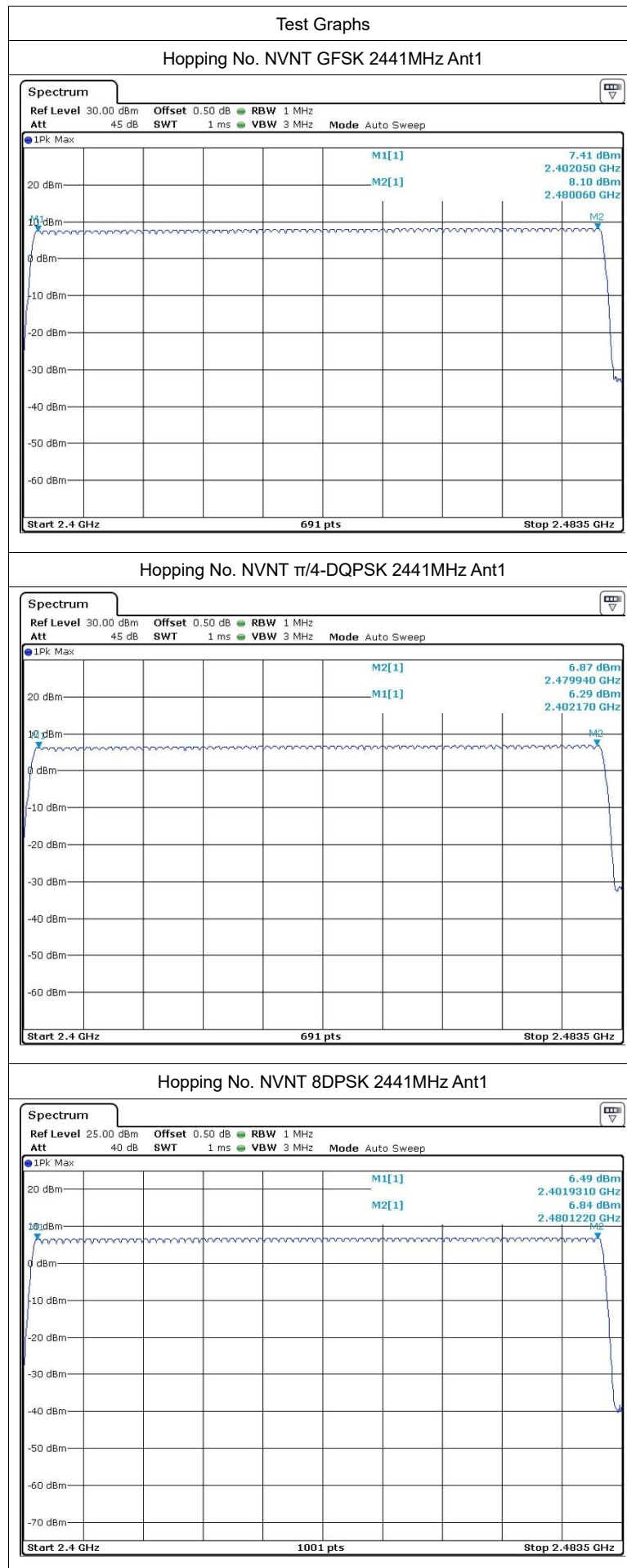


Tx. Spurious NVNT 8DPSK 2480MHz Ant1 Emission



Number of Hopping Channel

Mode	Antenna	Hopping Number	Limit	Verdict
GFSK	Ant1	79	75	Pass
$\pi/4$ -DQPSK	Ant1	79	75	Pass
8DPSK	Ant1	79	75	Pass

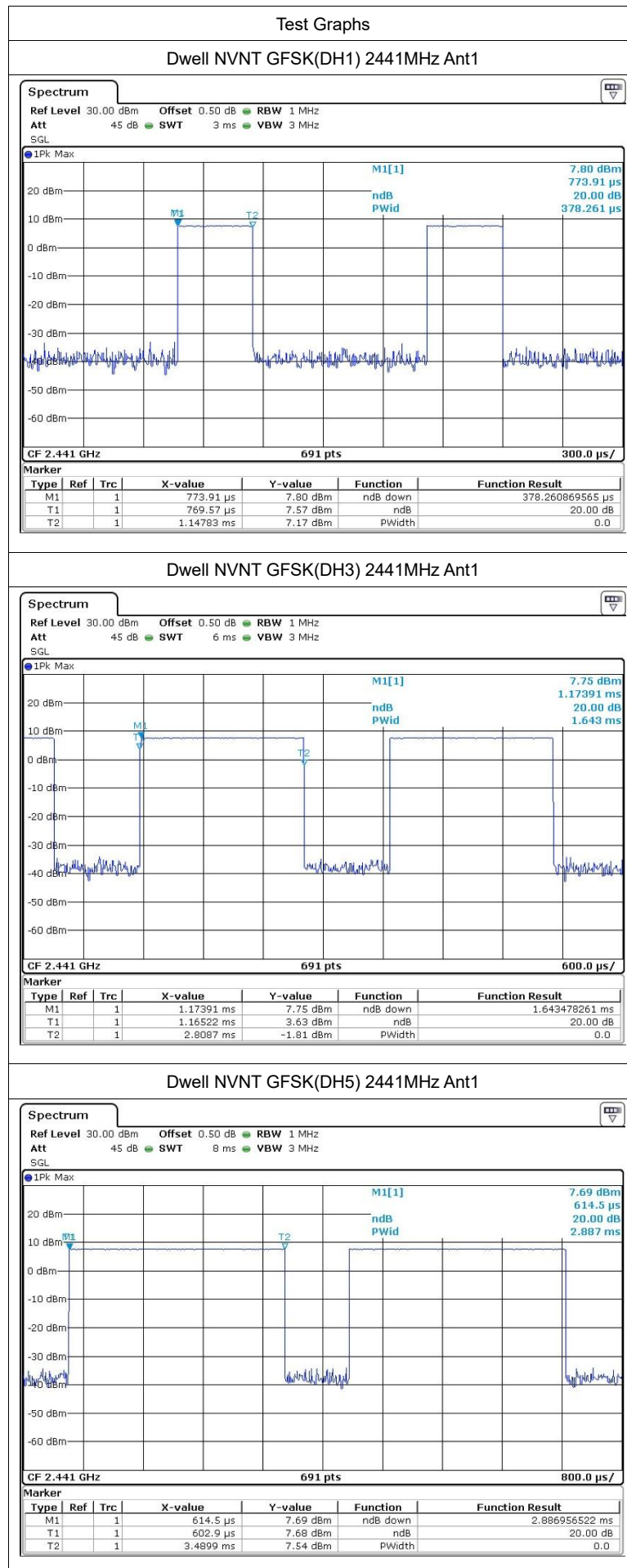


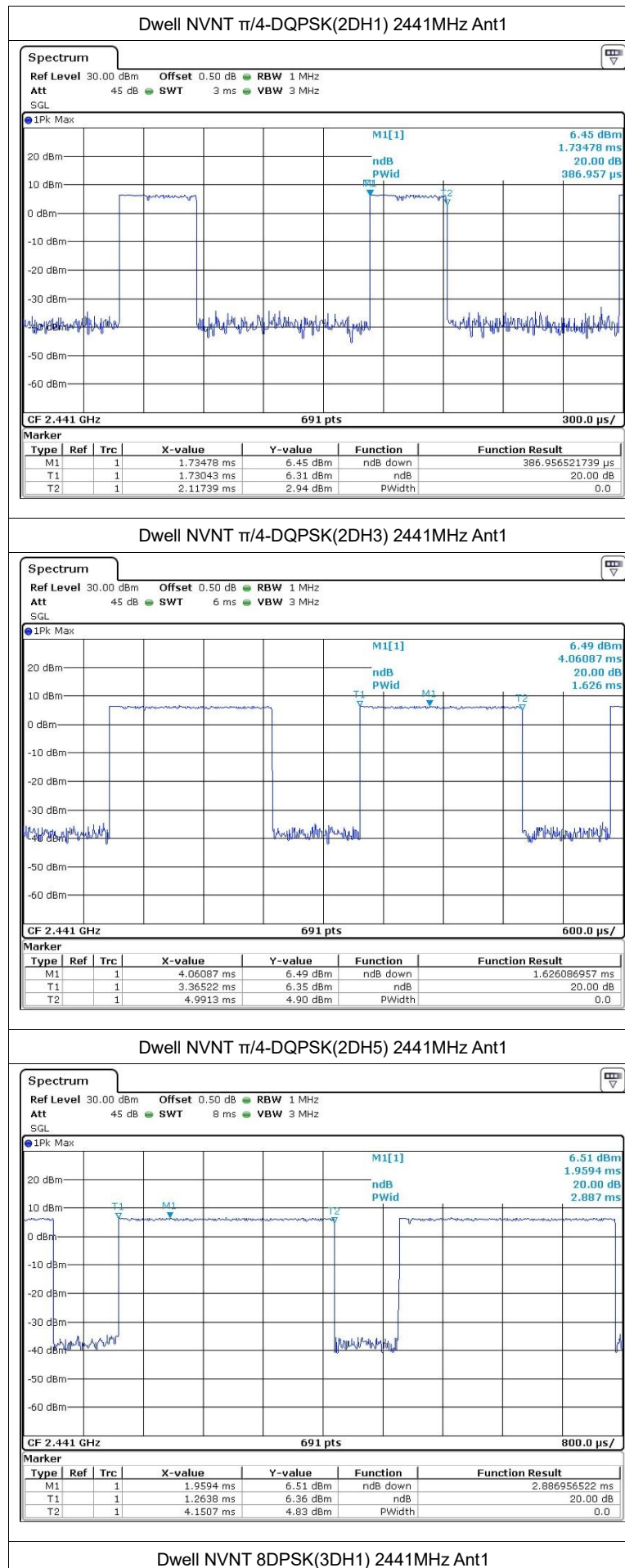
Dwell Time

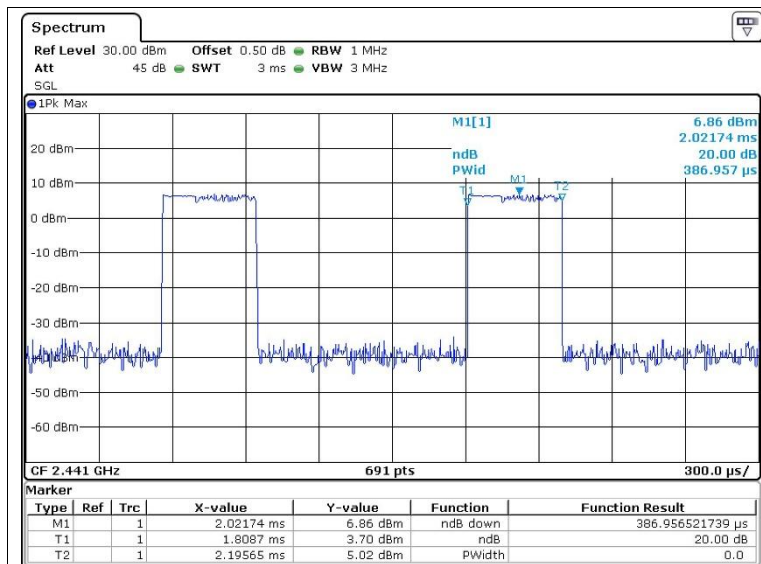
Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Period Time (ms)	Limit (ms)	Verdict
GFSK(DH1)	2441	Ant1	0.378	120.960	31600	400	Pass
GFSK(DH3)	2441	Ant1	1.643	262.880	31600	400	Pass
GFSK(DH5)	2441	Ant1	2.887	307.956	31600	400	Pass
$\pi/4$ -DQPSK(2DH1)	2441	Ant1	0.378	120.960	31600	400	Pass
$\pi/4$ -DQPSK(2DH3)	2441	Ant1	1.626	260.160	31600	400	Pass
$\pi/4$ -DQPSK(2DH5)	2441	Ant1	2.887	307.956	31600	400	Pass
8DPSK(3DH1)	2441	Ant1	0.378	120.960	31600	400	Pass
8DPSK(3DH3)	2441	Ant1	1.643	262.880	31600	400	Pass
8DPSK(3DH5)	2441	Ant1	2.887	307.956	31600	400	Pass

Note:

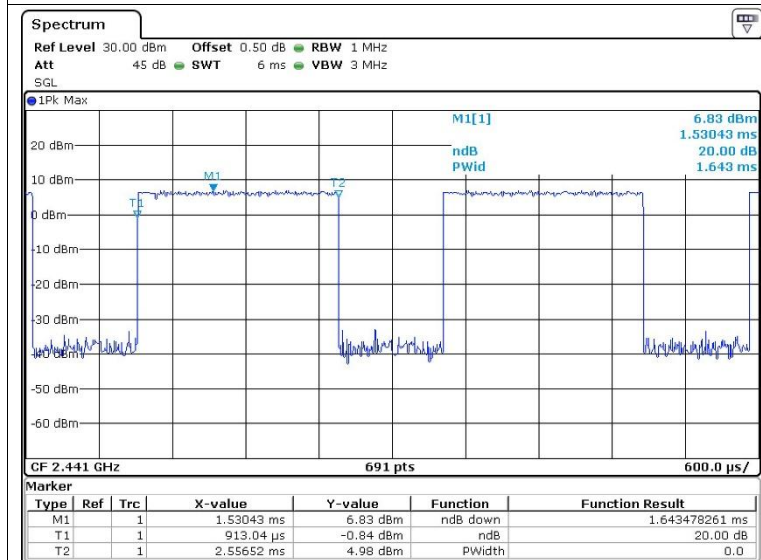
1. In DH1 mode, hopping rate is 1600 hops/s with 2 slots in 79 hopping channels. With channel hopping rate (1600/2/79) in Occupancy Time Limit (0.4 x 79) (s), Hops Over Occupancy Time comes to (1600/2/79)x(0.4 x 79)= 320 hops. Total Dwell time= Pulse Time x 320.
2. In DH3 mode, hopping rate is 1600 hops/s with 4 slots in 79 hopping channels. With channel hopping rate (1600/4/79) in Occupancy Time Limit (0.4 x 79) (s), Hops Over Occupancy Time comes to (1600/4/79)x(0.4 x 79)= 160 hops. Total Dwell time= Pulse Time x 160.
3. In DH5 mode, hopping rate is 1600 hops/s with 6 slots in 79 hopping channels. With channel hopping rate (1600/6/79) in Occupancy Time Limit (0.4 x 79) (s), Hops Over Occupancy Time comes to (1600/6/79)x(0.4 x 79)= 106.67 hops. Total Dwell time= Pulse Time x 106.67.







Dwell NVNT 8DPSK(3DH3) 2441MHz Ant1



Dwell NVNT 8DPSK(3DH5) 2441MHz Ant1

