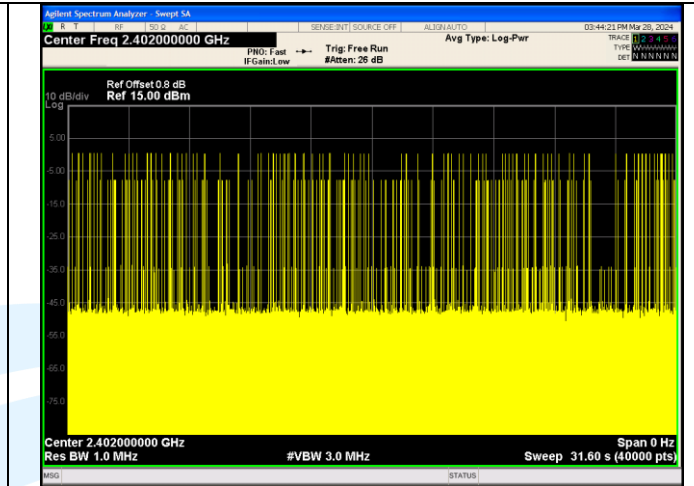
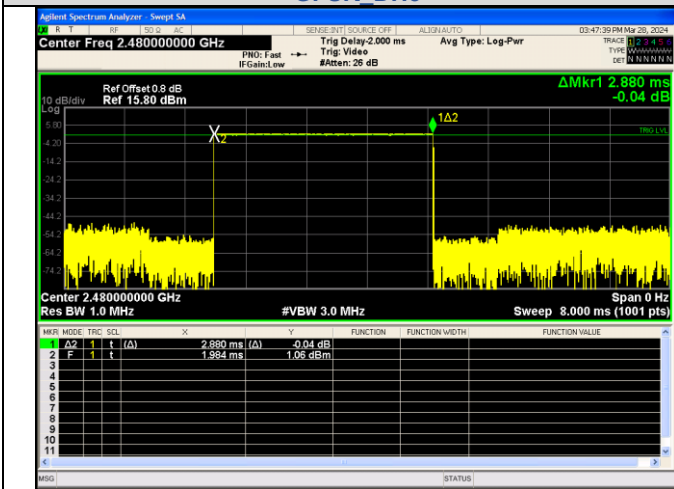


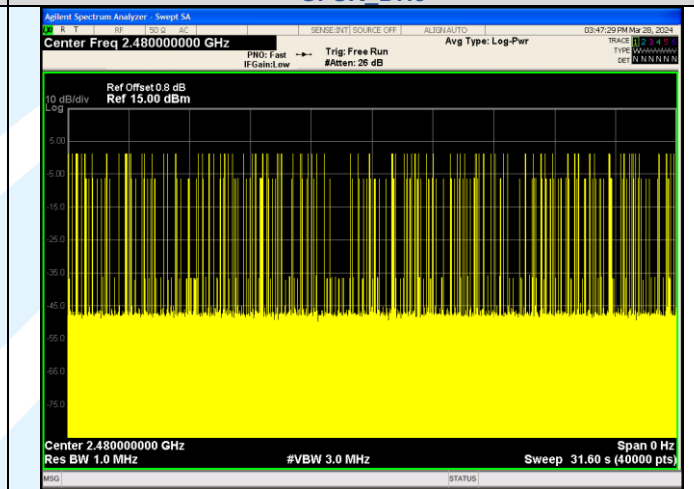
Pulse Width  
GFSK DH5



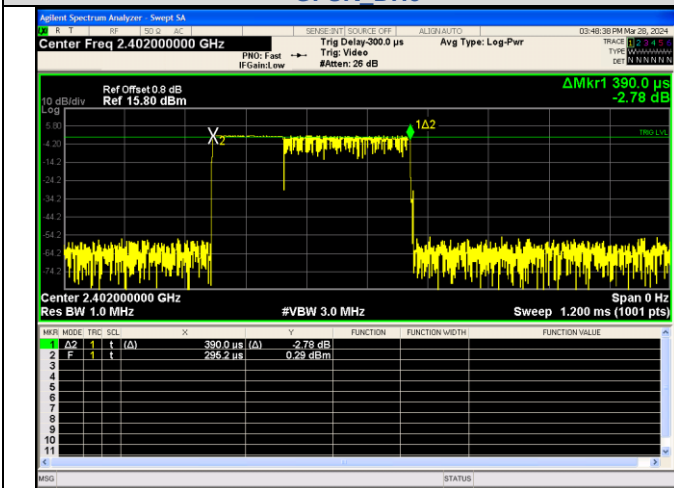
Number of Pulses in 31.6 seconds  
GFSK DH5



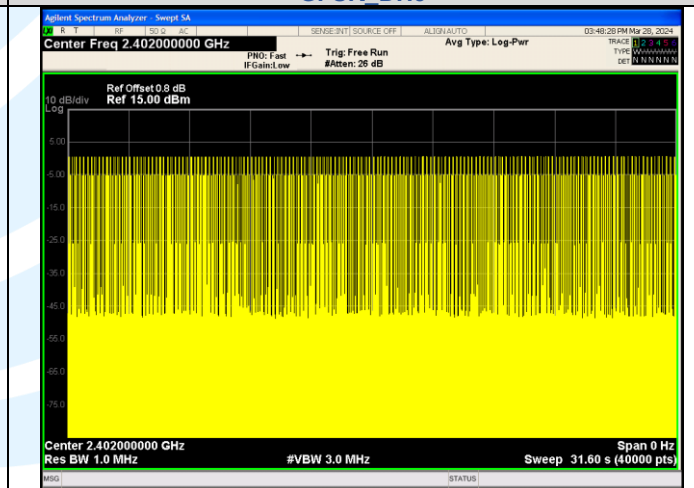
Pulse Width  
GFSK DH5



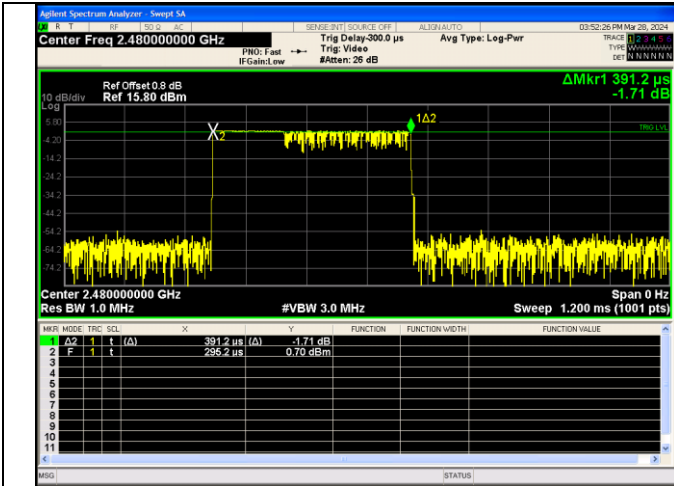
Number of Pulses in 31.6 seconds  
GFSK DH5



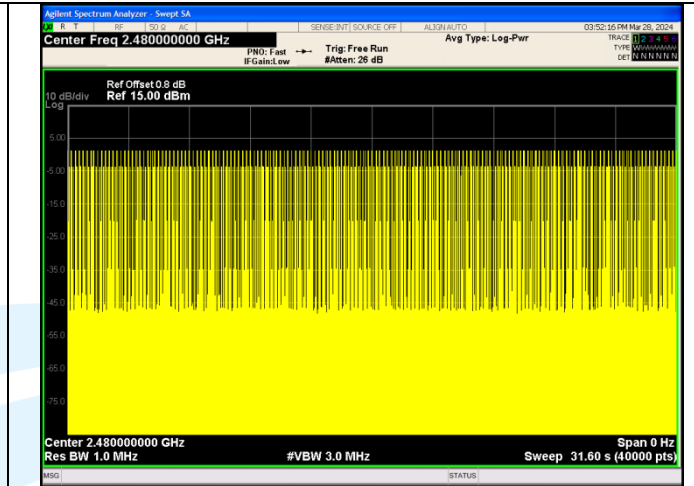
Pulse Width  
 $\pi/4$ DQPSK 2-DH1



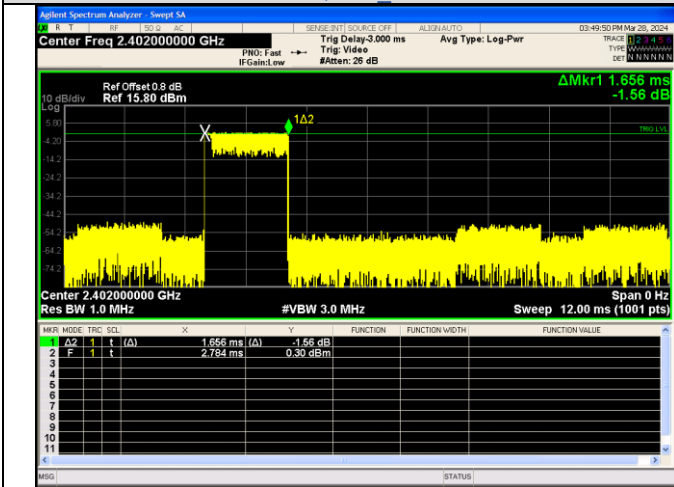
Number of Pulses in 31.6 seconds  
 $\pi/4$ DQPSK 2-DH1



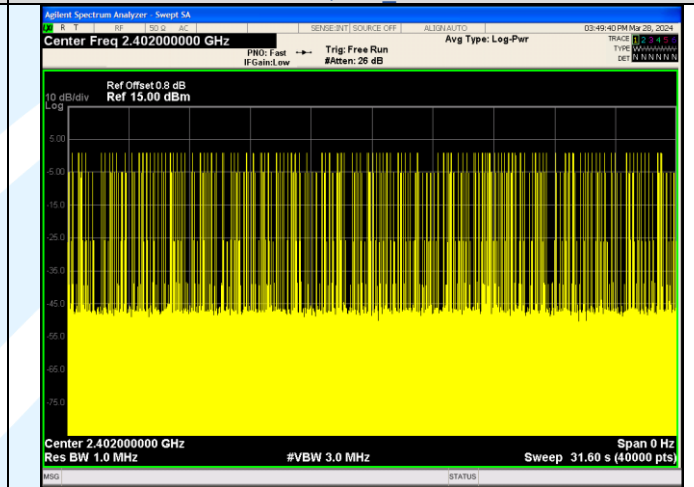
Pulse Width  
 $\pi/4$ DQPSK 2-DH1



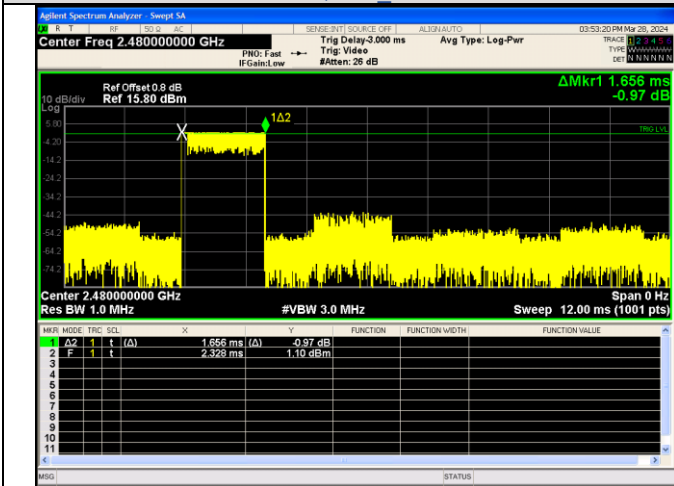
Number of Pulses in 31.6 seconds  
 $\pi/4$ DQPSK 2-DH1



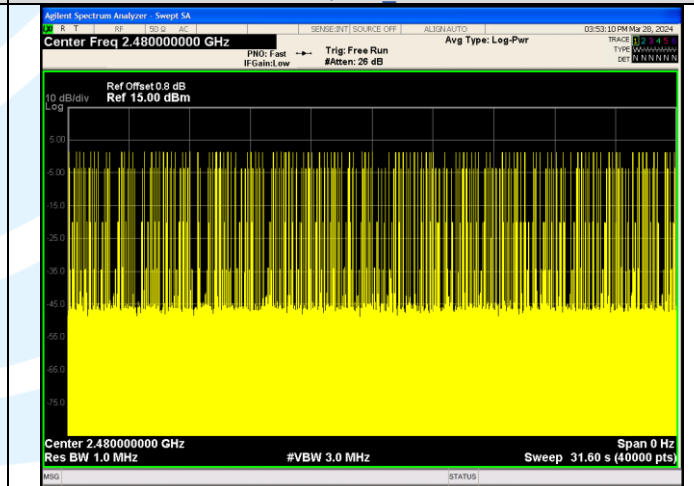
Pulse Width  
 $\pi/4$ DQPSK 2-DH3



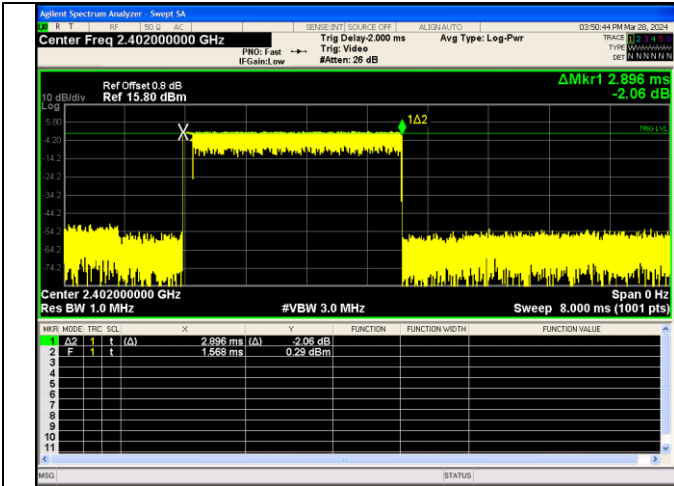
Number of Pulses in 31.6 seconds  
 $\pi/4$ DQPSK 2-DH3



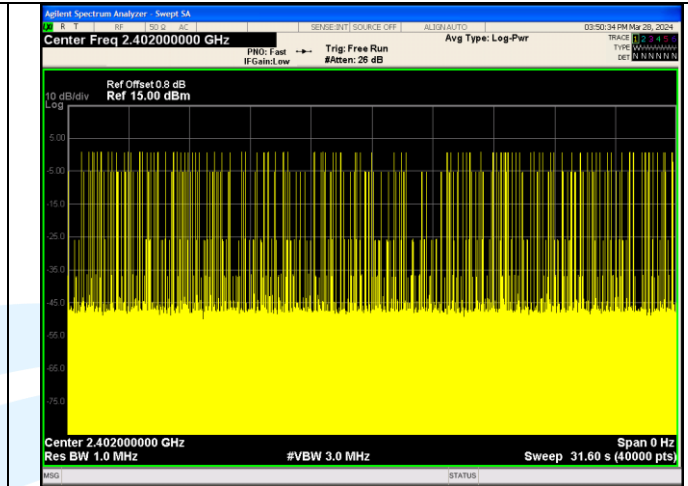
Pulse Width  
 $\pi/4$ DQPSK 2-DH3



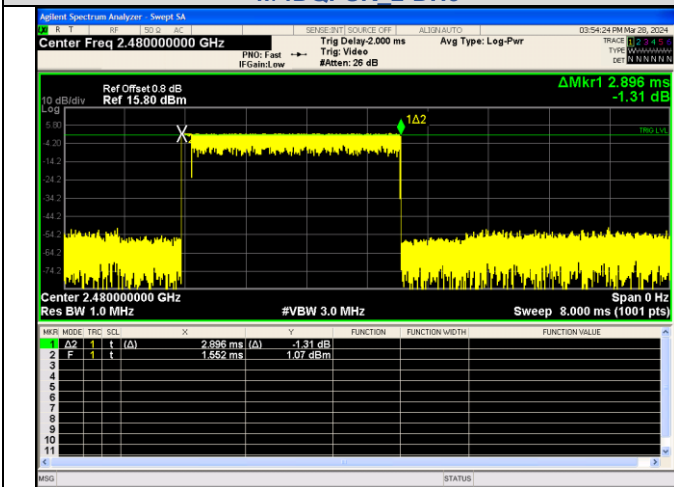
Number of Pulses in 31.6 seconds  
 $\pi/4$ DQPSK 2-DH3



Pulse Width  
 $\pi$ /4DQPSK 2-DH5



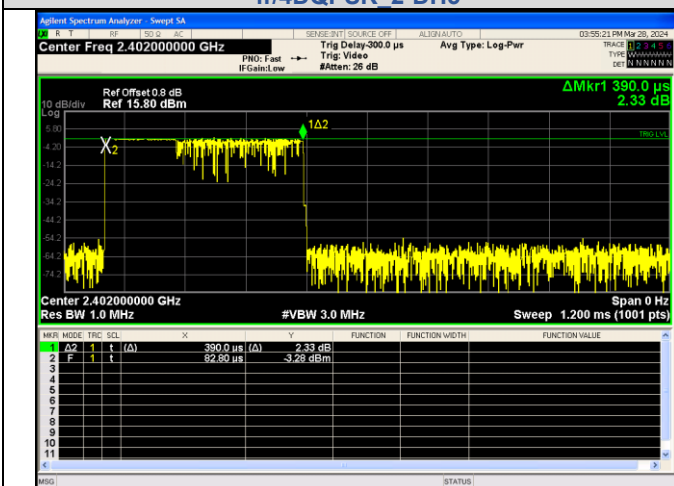
Number of Pulses in 31.6 seconds  
 $\pi$ /4DQPSK 2-DH5



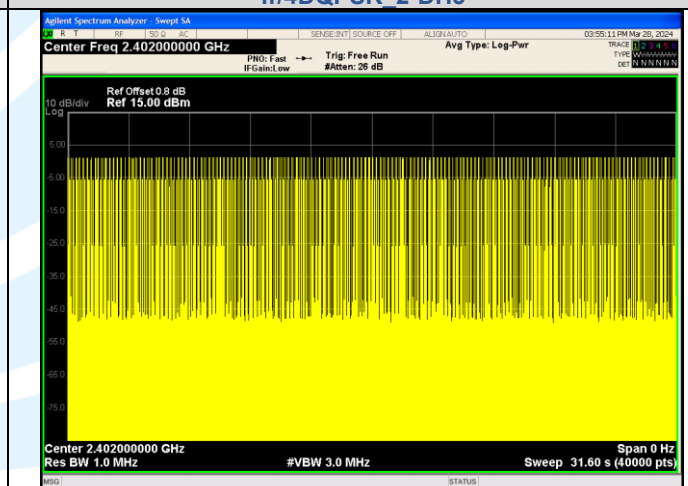
Pulse Width  
 $\pi$ /4DQPSK 2-DH5



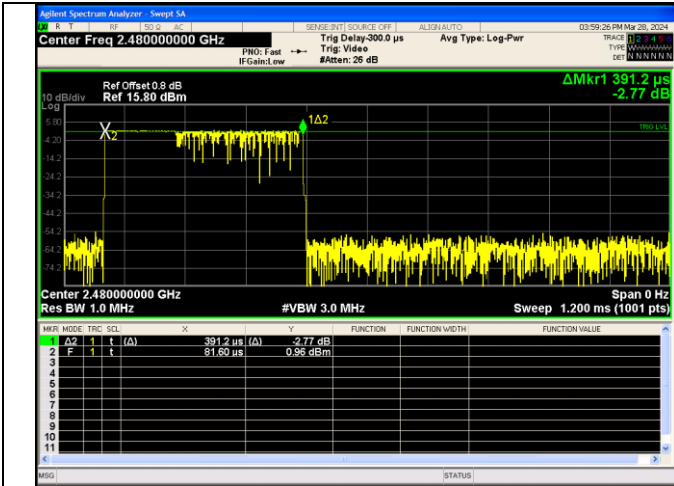
Number of Pulses in 31.6 seconds  
 $\pi$ /4DQPSK 2-DH5



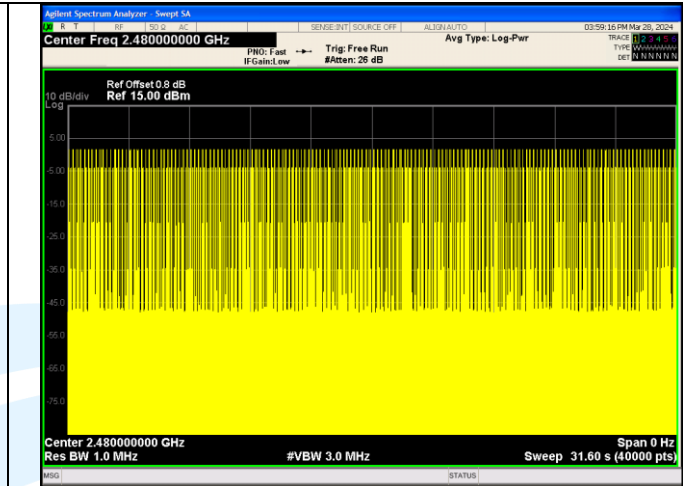
Pulse Width  
 8DPSK 3-DH1



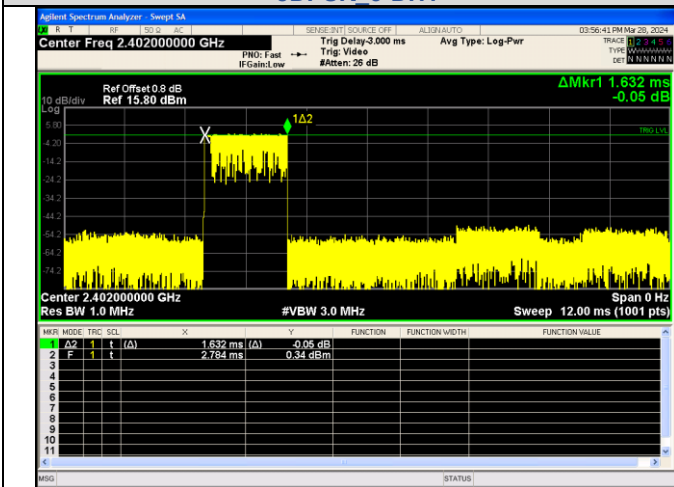
Number of Pulses in 31.6 seconds  
 8DPSK 3-DH1



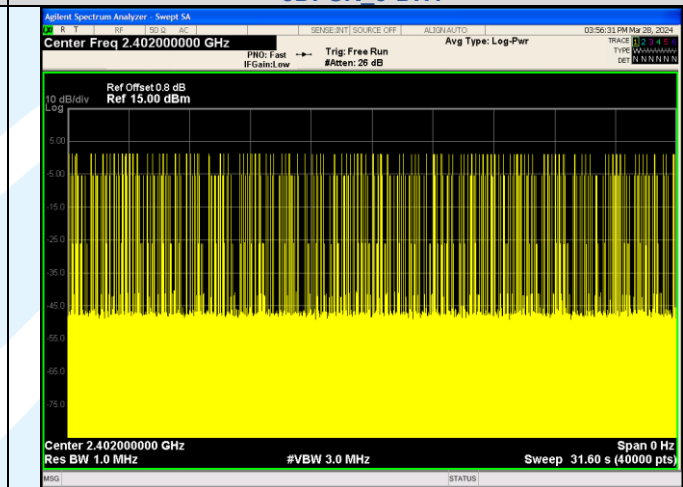
**Pulse Width  
8DPSK 3-DH1**



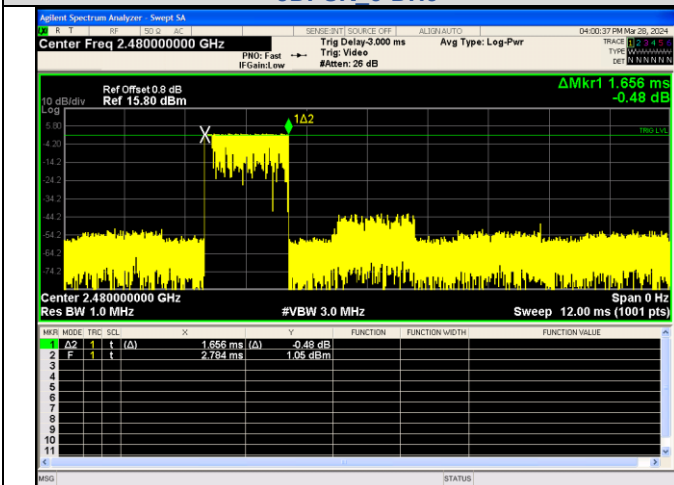
**Number of Pulses in 31.6 seconds  
8DPSK 3-DH1**



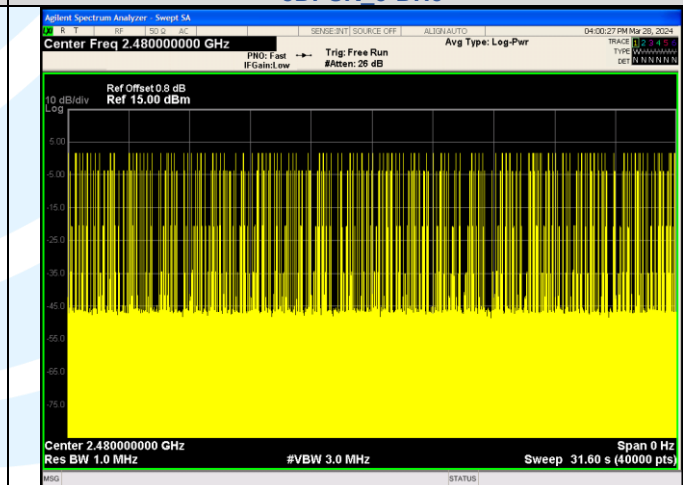
**Pulse Width  
8DPSK 3-DH3**



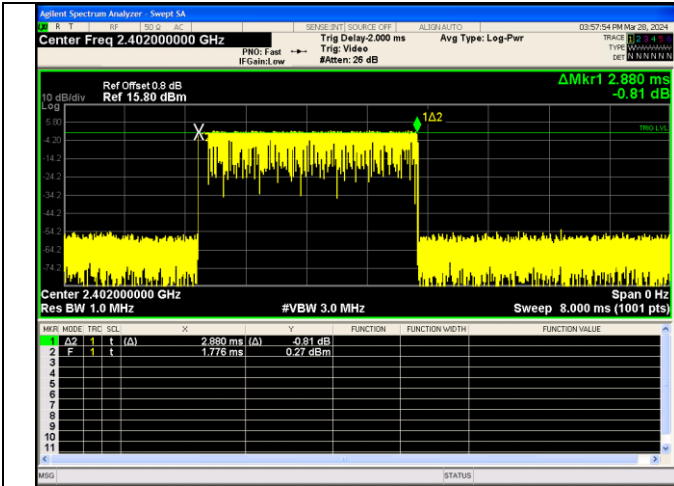
**Number of Pulses in 31.6 seconds  
8DPSK 3-DH3**



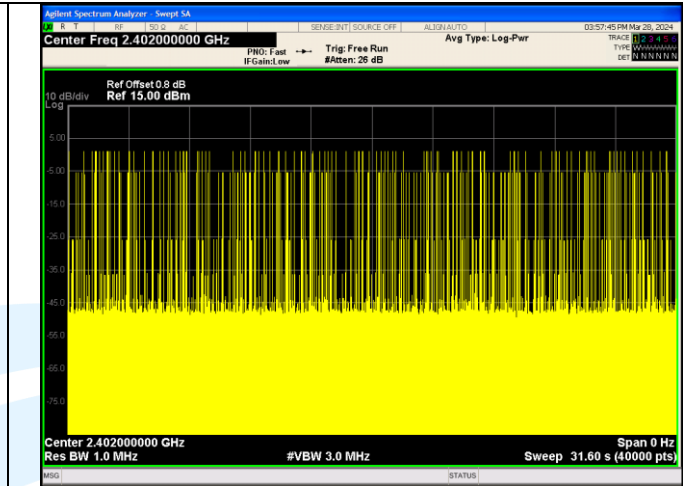
**Pulse Width  
8DPSK 3-DH3**



**Number of Pulses in 31.6 seconds  
8DPSK 3-DH3**



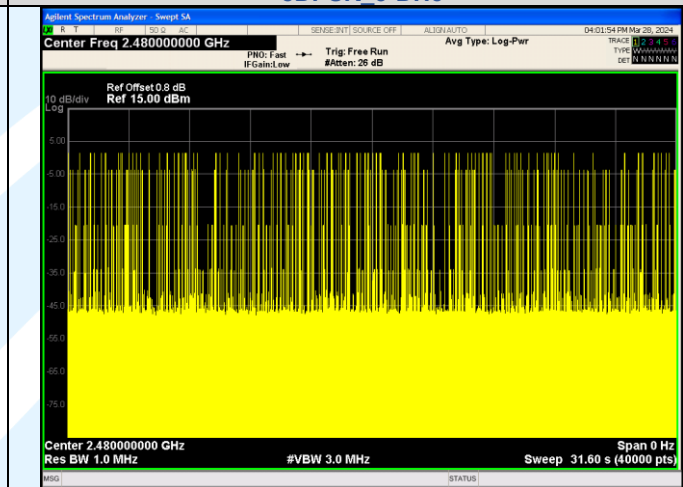
**Pulse Width  
8DPSK\_3-DH5**



**Number of Pulses in 31.6 seconds  
8DPSK\_3-DH5**



**Pulse Width  
8DPSK\_3-DH5**

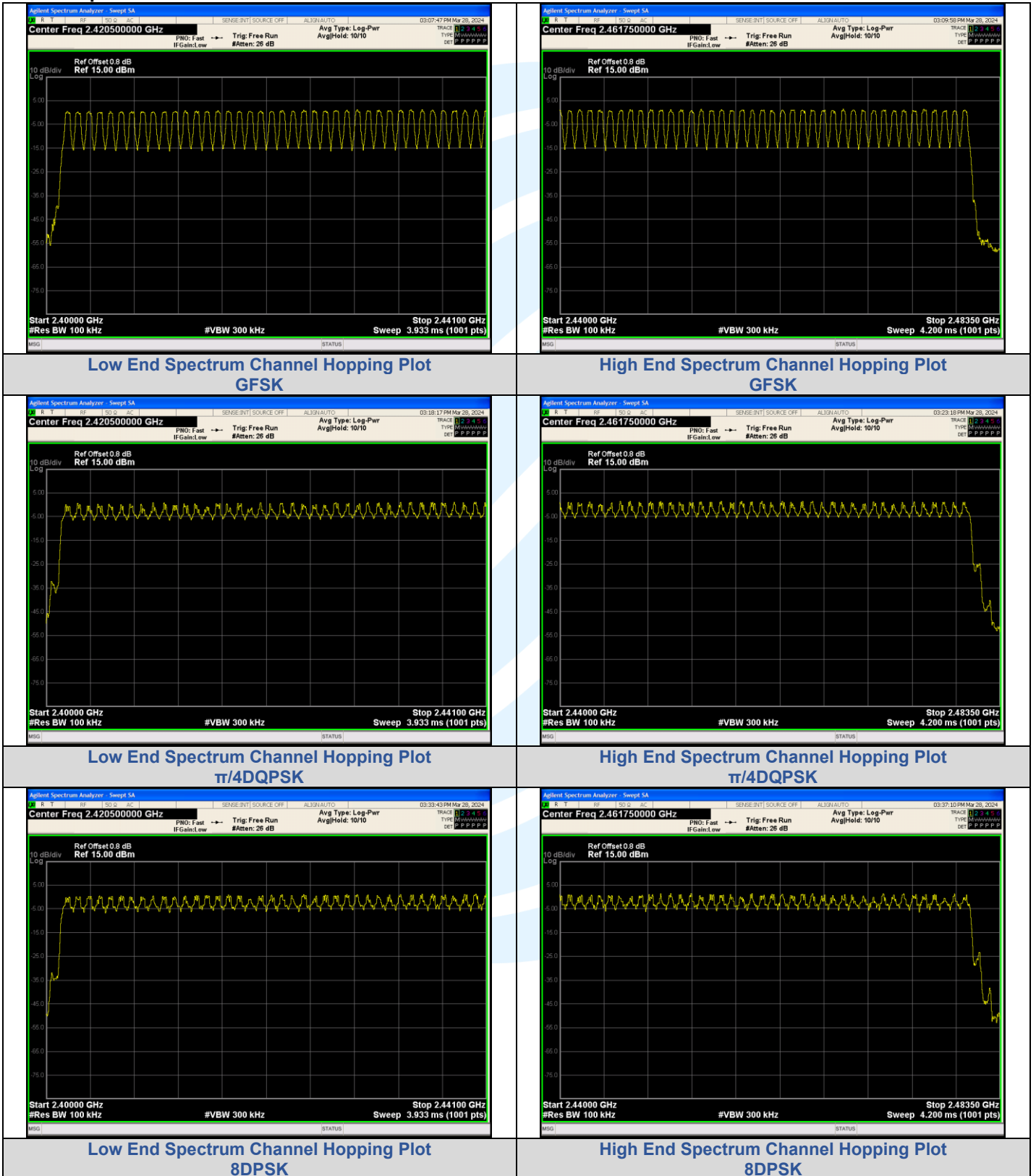


**Number of Pulses in 31.6 seconds  
8DPSK\_3-DH5**

### A.6 NUMBER OF HOPPING CHANNEL

Modulation	Packet	Number of Hopping Channel	Limit	Result
GFSK	DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS

#### Test Graphs



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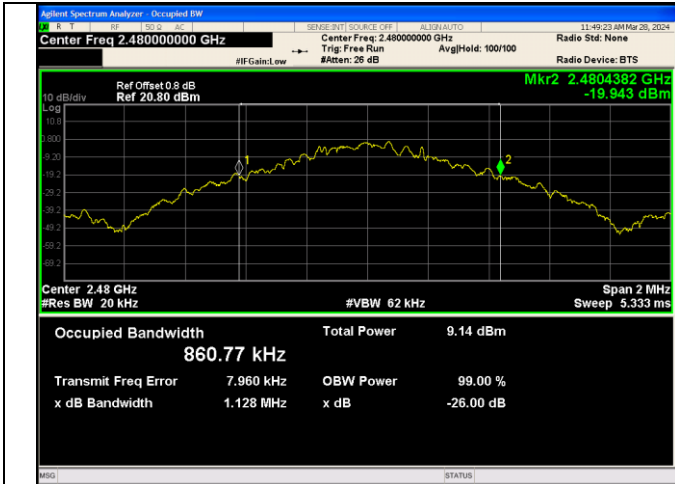
## APPENDIX B RF TEST DATA\_FOR RIGHT EARBUD

### B.1 99% BANDWIDTH

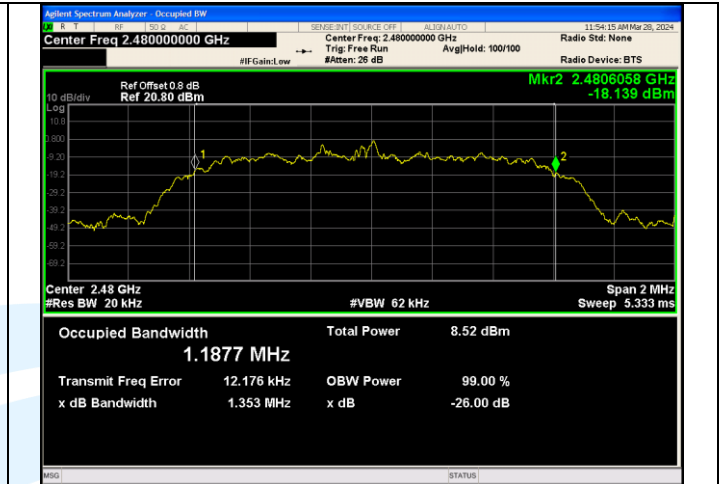
Modulation	Channel	99% BW (MHz)
GFSK	0	0.86402
	39	0.85003
	78	0.86077
$\pi/4$ DQPSK	0	1.1840
	39	1.1809
	78	1.1877
8DPSK	0	1.2069
	39	1.1950
	78	1.1846

### Test Graphs

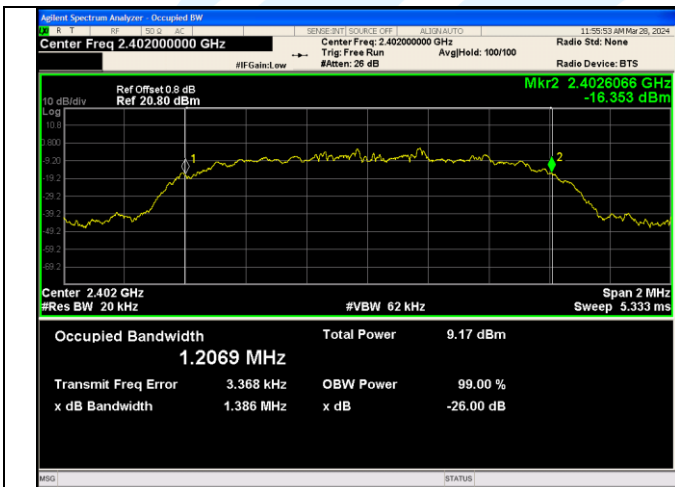




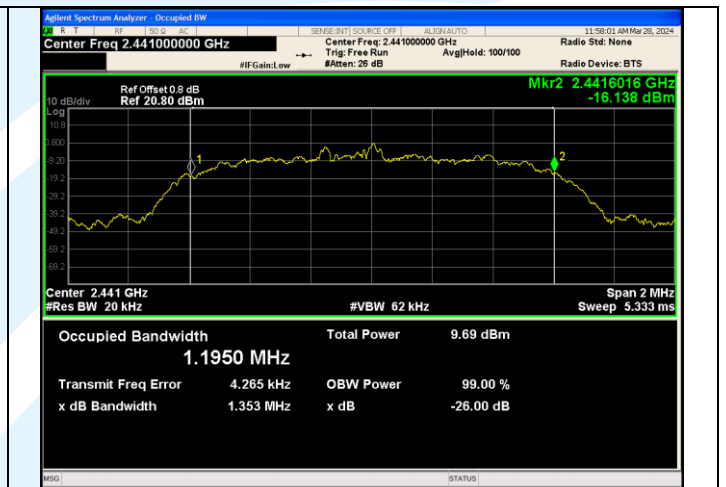
GFSK\_DH5\_Channel 78



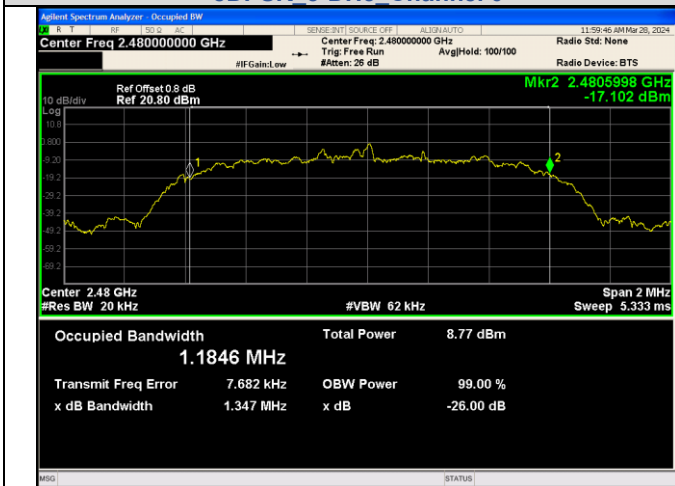
$\pi/4$ DQPSK\_2-DH5\_Channel 78



8DPSK\_3-DH5\_Channel 0



8DPSK\_3-DH5\_Channel 39



8DPSK\_3-DH5\_Channel 78



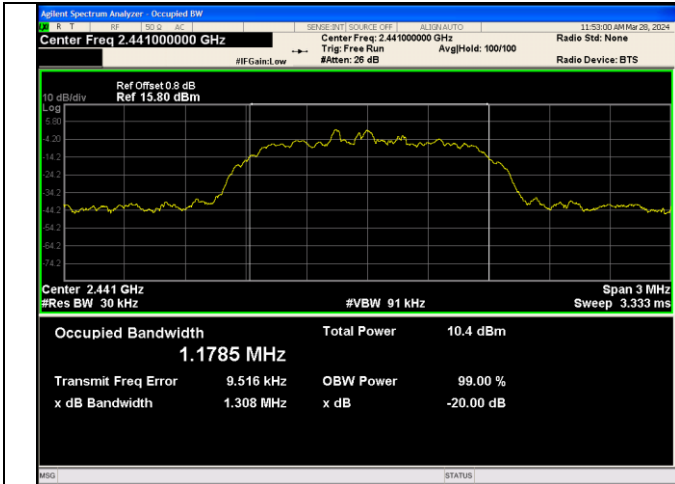


## B.2 20DB BANDWIDTH

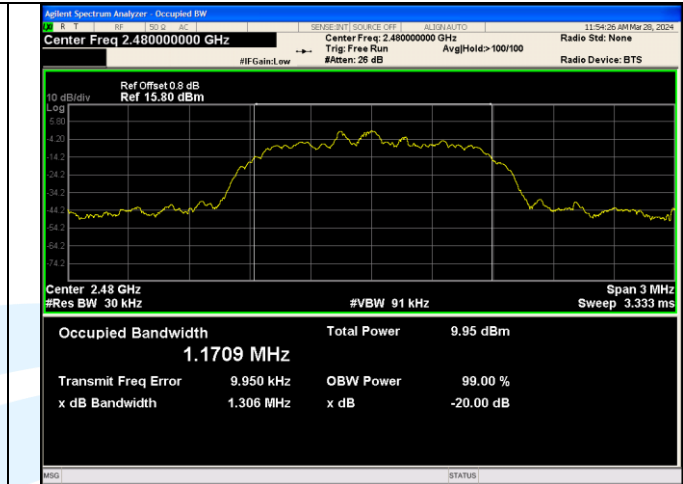
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9484
	39	2441 MHz	0.9514
	78	2480 MHz	0.9509
$\pi/4$ DQPSK	0	2402 MHz	1.278
	39	2441 MHz	1.308
	78	2480 MHz	1.306
8DPSK	0	2402 MHz	1.297
	39	2441 MHz	1.299
	78	2480 MHz	1.296

### Test Graphs

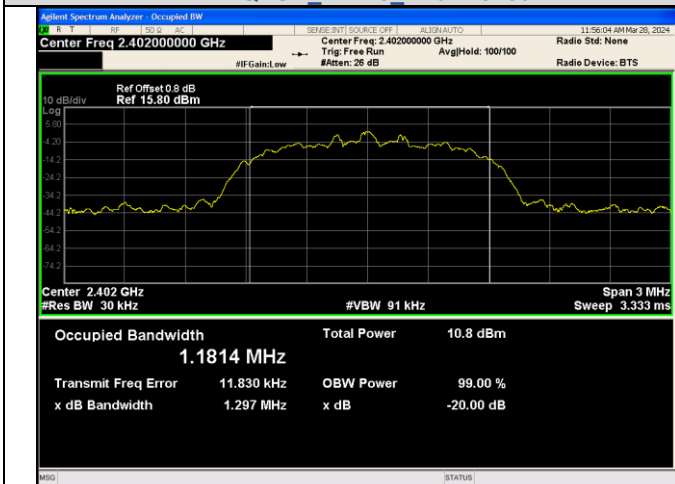




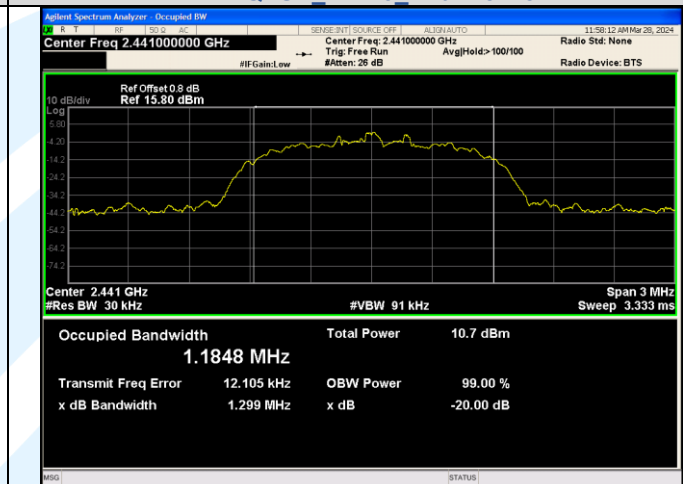
**$\pi$ /4DQPSK 2-DH5 Channel 39**



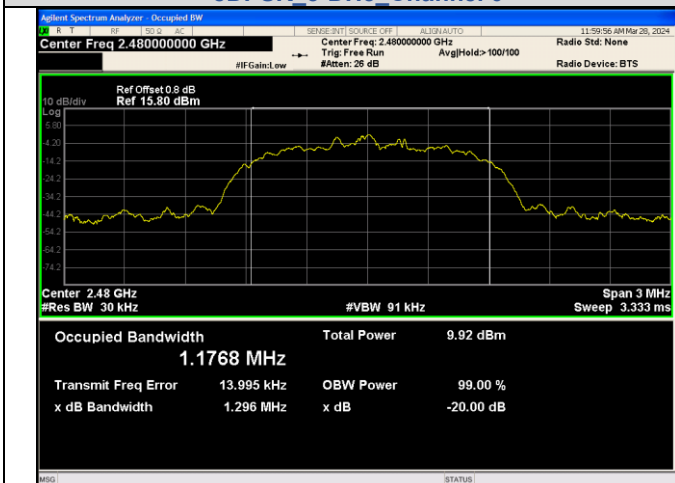
**$\pi$ /4DQPSK 2-DH5 Channel 78**



**8DPSK 3-DH5 Channel 0**



**8DPSK 3-DH5 Channel 39**



**8DPSK 3-DH5 Channel 78**