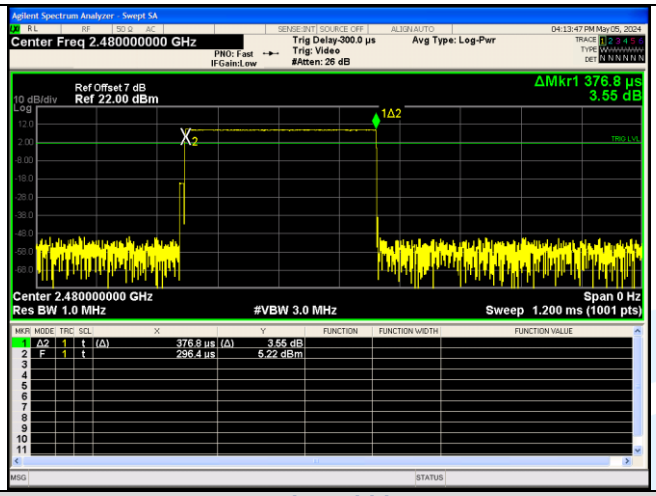
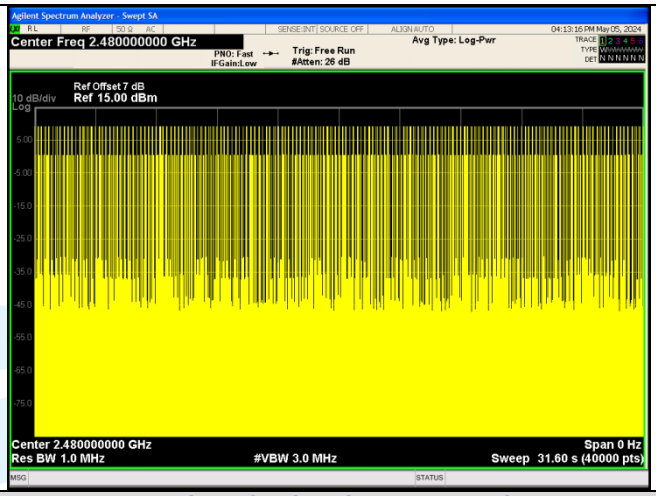
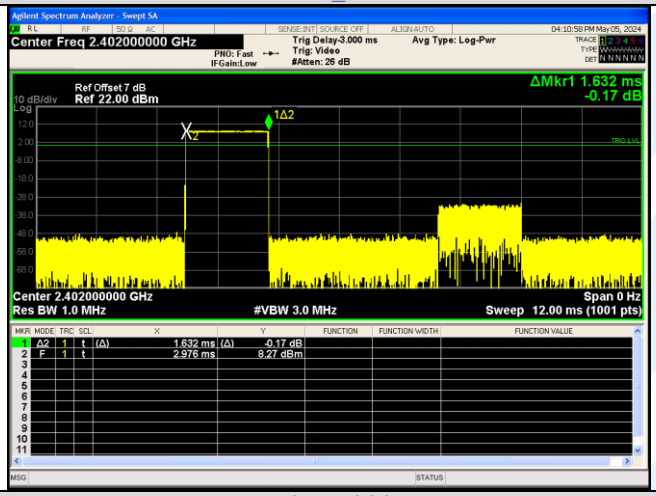


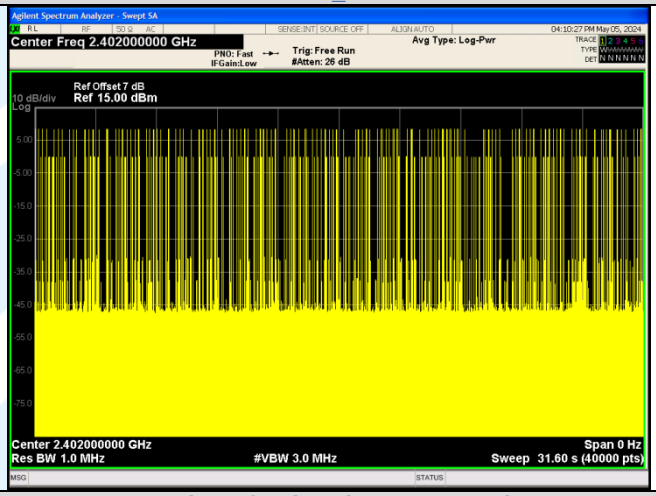
Pulse Width
GFSK_DH1



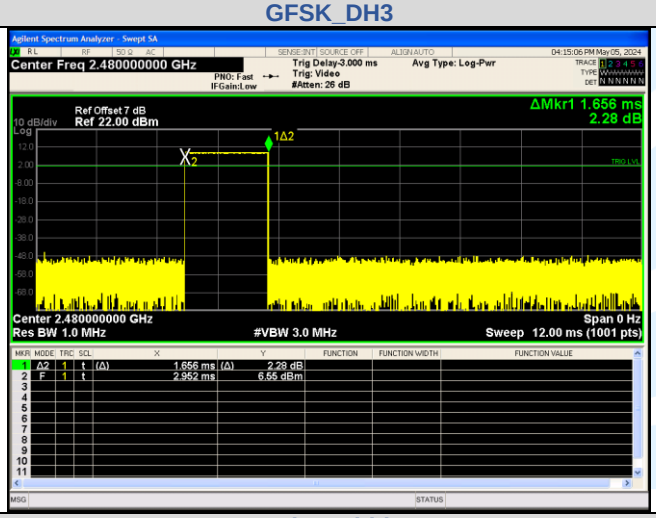
Number of Pulses in 31.6 seconds
GFSK_DH1



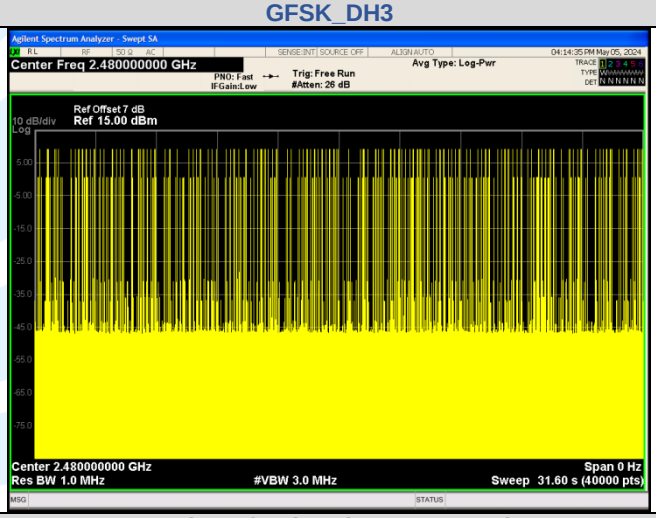
Pulse Width
GFSK_DH3



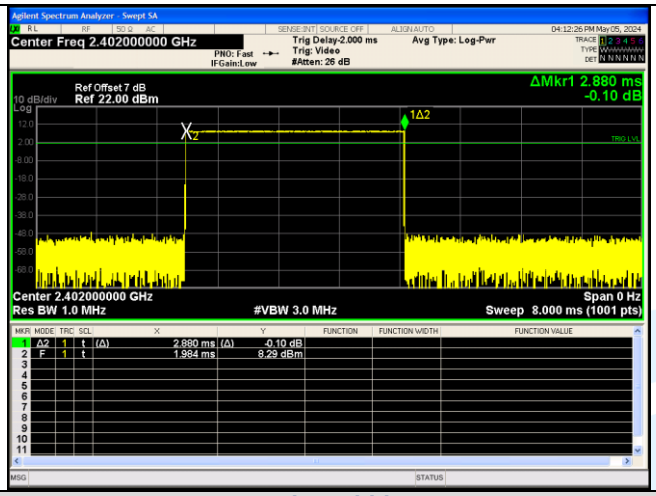
Number of Pulses in 31.6 seconds
GFSK_DH3



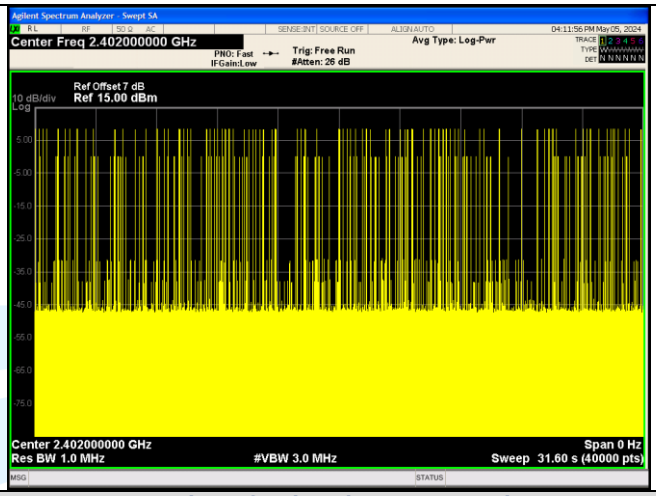
Pulse Width
GFSK_DH3



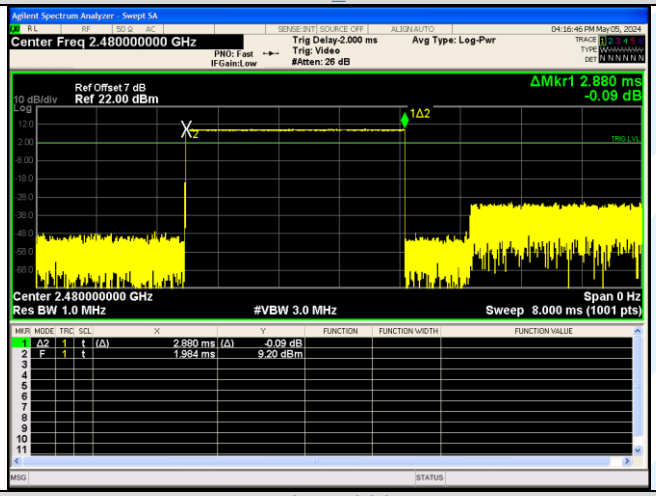
Number of Pulses in 31.6 seconds
GFSK_DH3



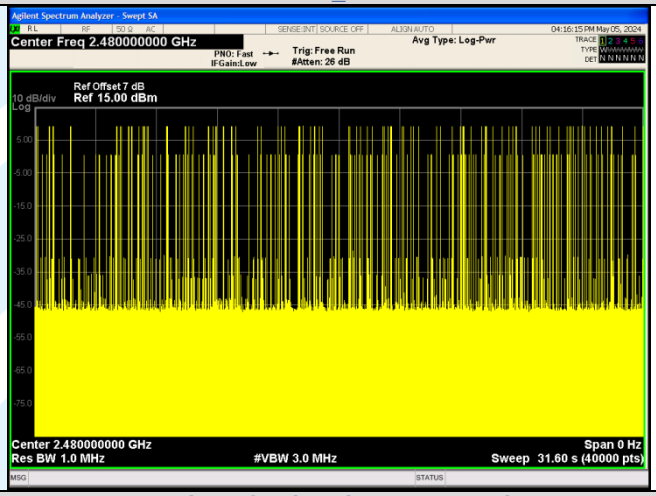
Pulse Width
GFSK_DH5



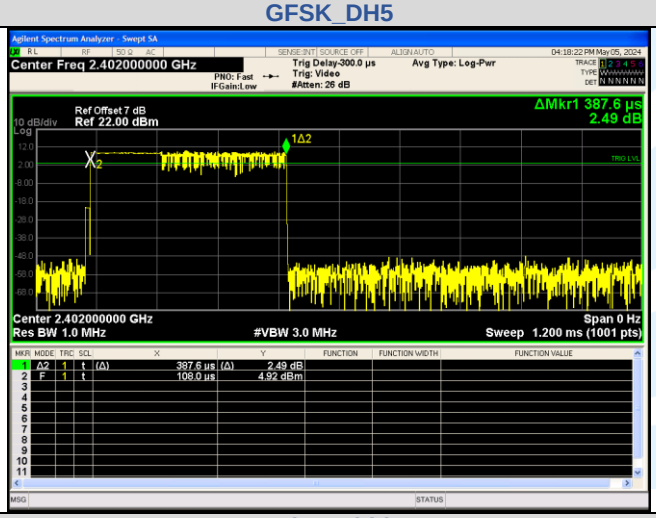
Number of Pulses in 31.6 seconds
GFSK_DH5



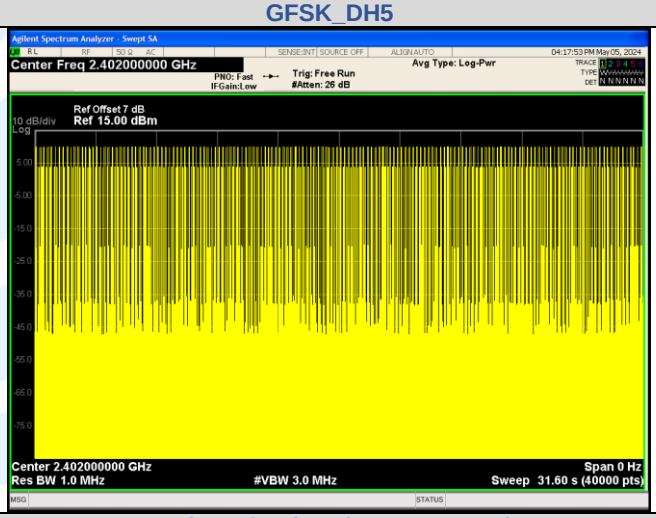
Pulse Width
GFSK_DH5



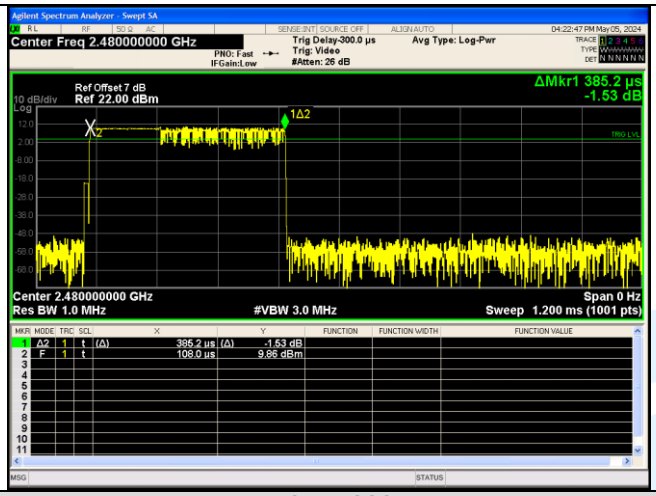
Number of Pulses in 31.6 seconds
GFSK_DH5



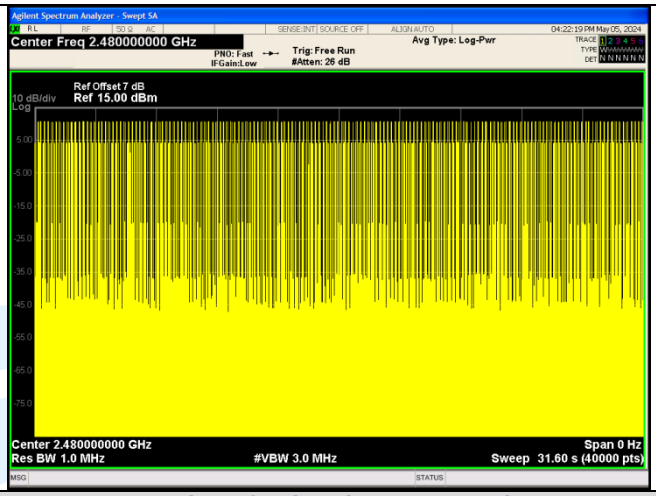
Pulse Width
π/4DQPSK_2-DH1



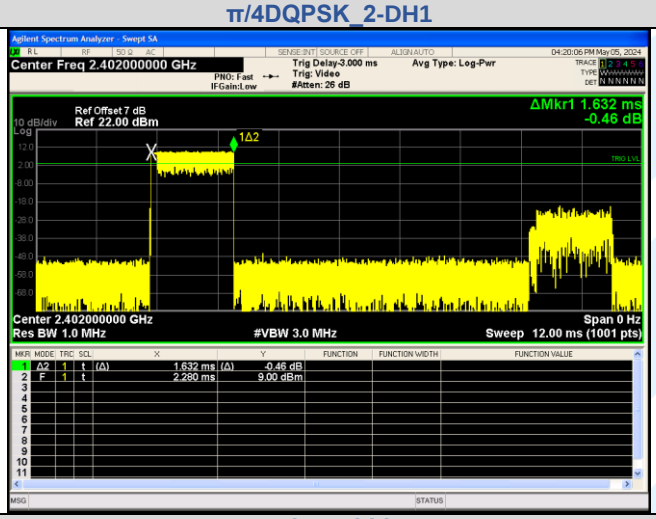
Number of Pulses in 31.6 seconds
π/4DQPSK_2-DH1



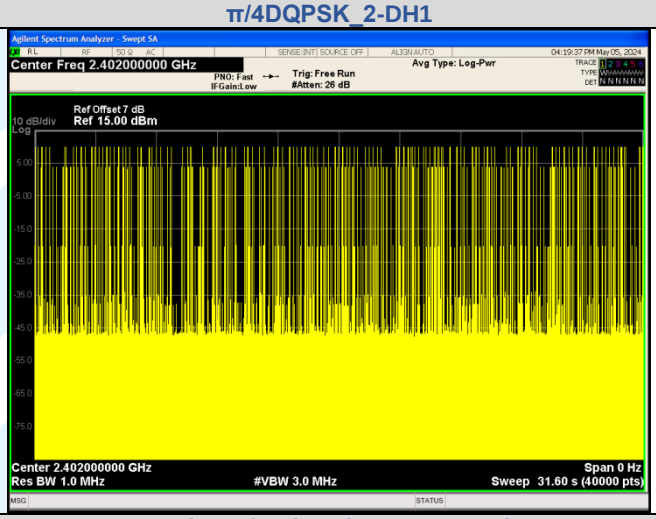
Pulse Width
π/4DQPSK_2-DH1



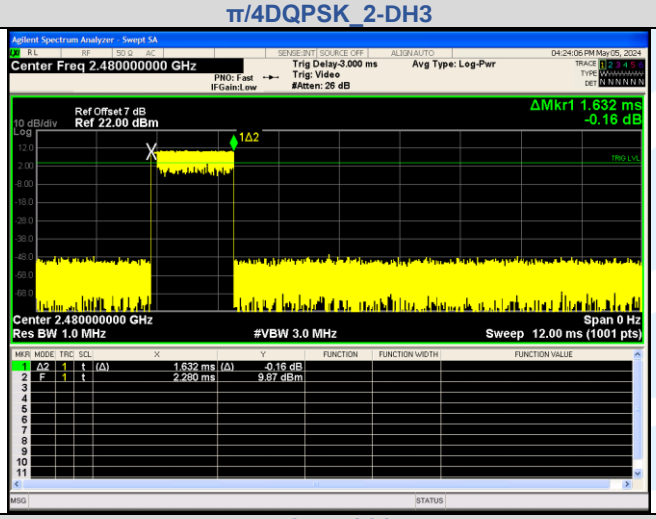
Number of Pulses in 31.6 seconds
π/4DQPSK_2-DH1



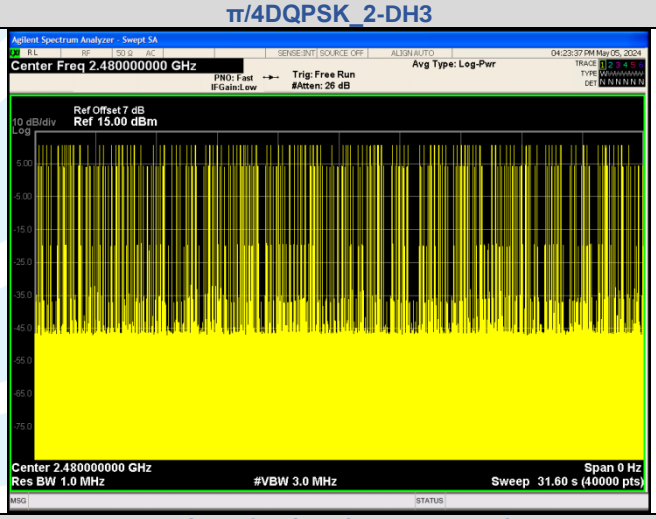
Pulse Width
π/4DQPSK_2-DH3



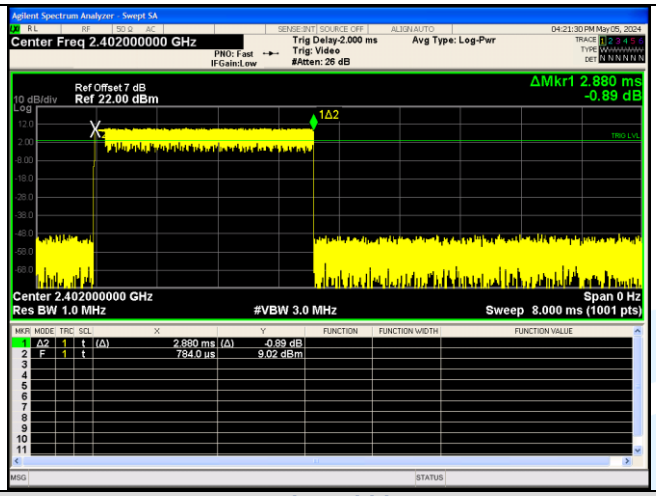
Number of Pulses in 31.6 seconds
π/4DQPSK_2-DH3



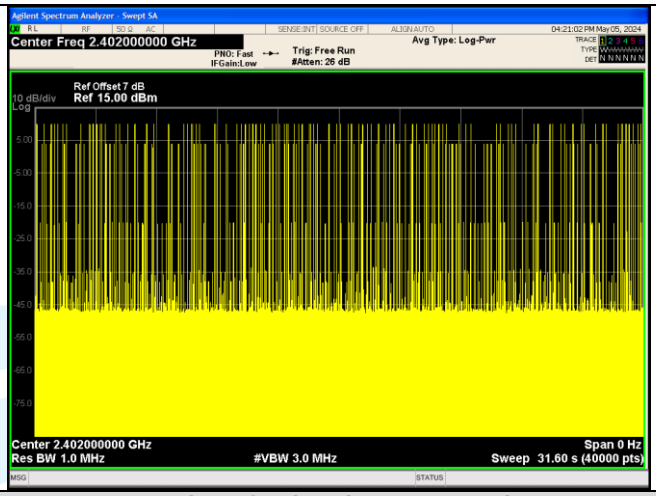
Pulse Width
π/4DQPSK_2-DH3



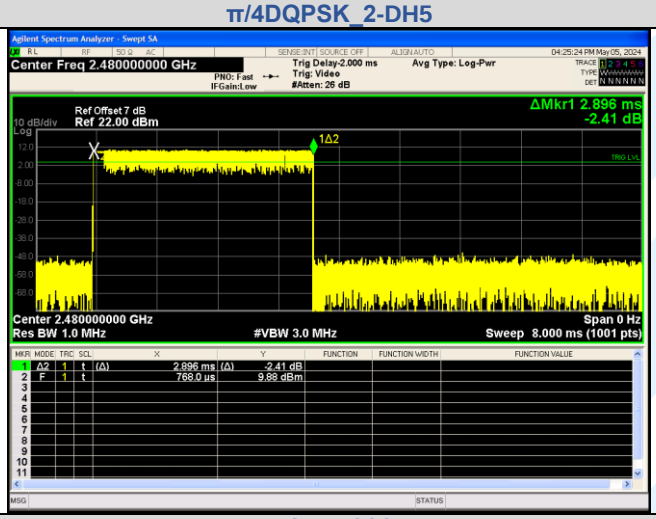
Number of Pulses in 31.6 seconds
π/4DQPSK_2-DH3



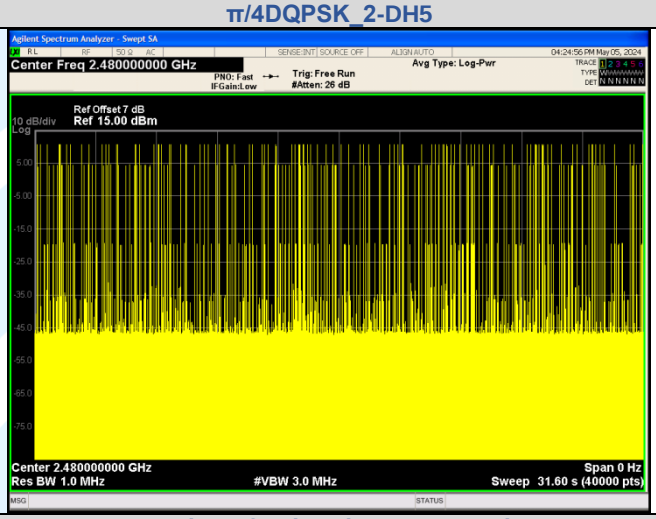
Pulse Width
π/4DQPSK_2-DH5



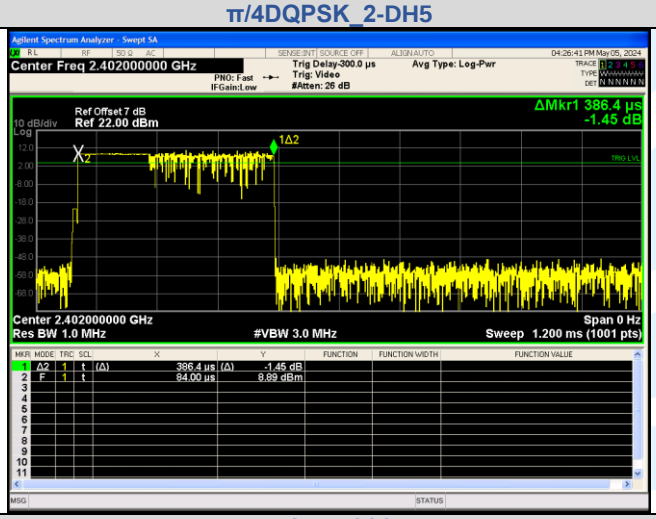
Number of Pulses in 31.6 seconds
π/4DQPSK_2-DH5



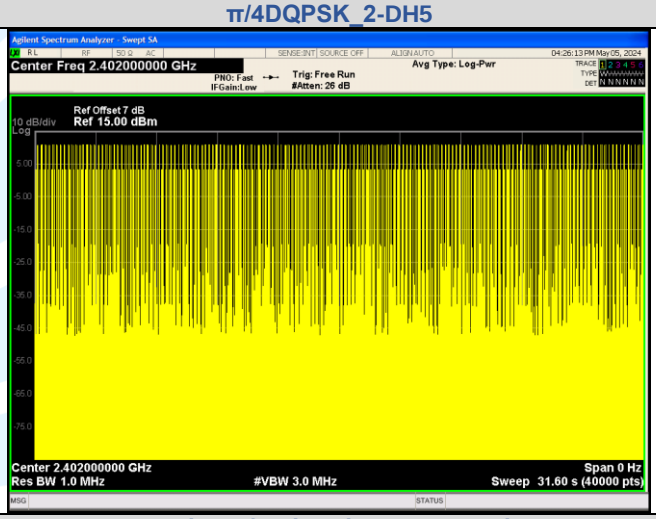
Pulse Width
π/4DQPSK_2-DH5



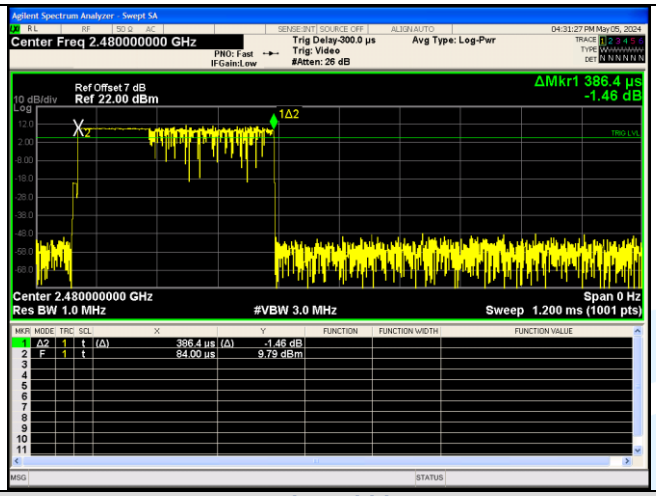
Number of Pulses in 31.6 seconds
π/4DQPSK_2-DH5



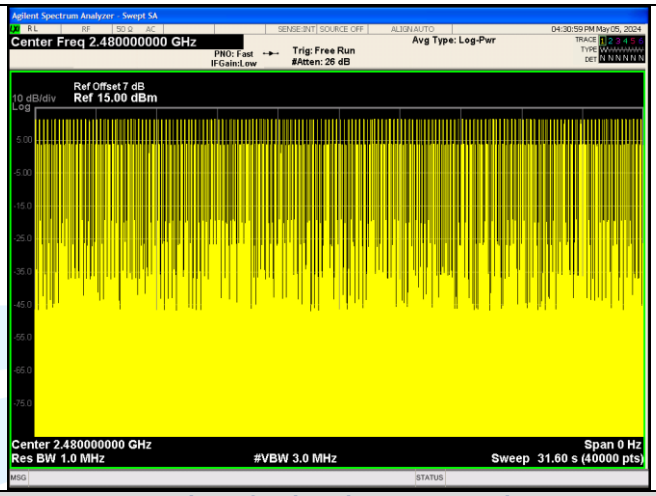
Pulse Width
8DPSK_3-DH1



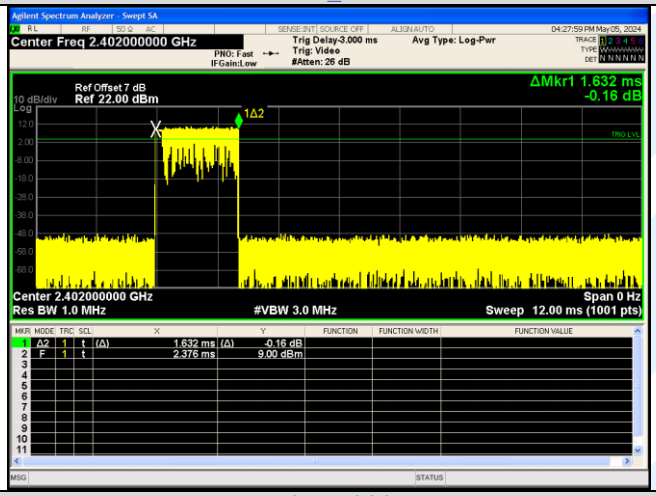
Number of Pulses in 31.6 seconds
8DPSK_3-DH1



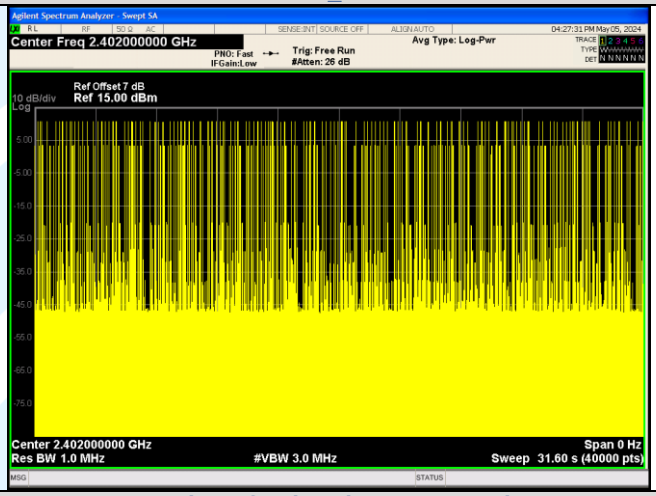
Pulse Width
8DPSK_3-DH1



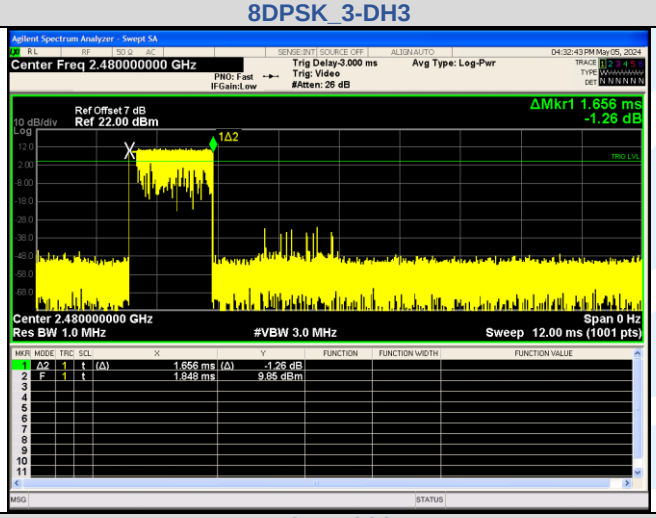
Number of Pulses in 31.6 seconds
8DPSK_3-DH1



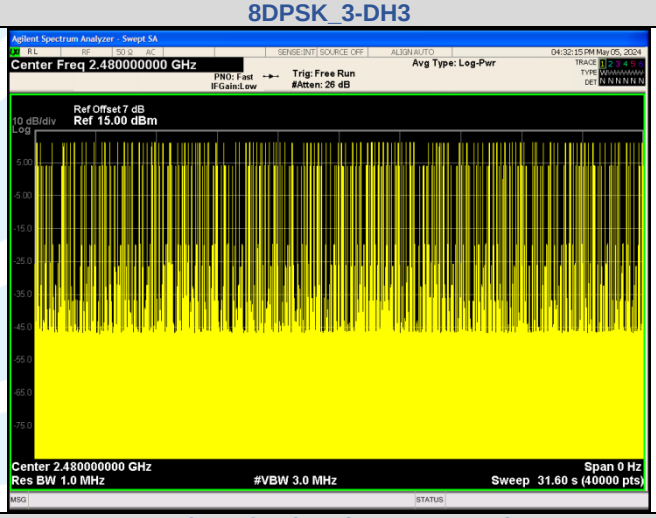
Pulse Width
8DPSK_3-DH3



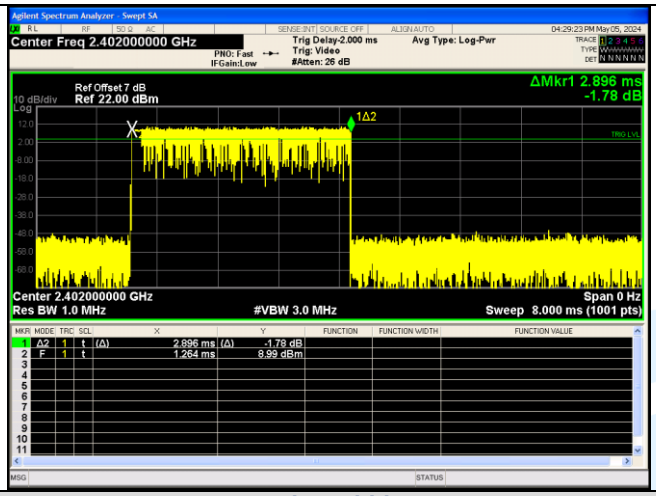
Number of Pulses in 31.6 seconds
8DPSK_3-DH3



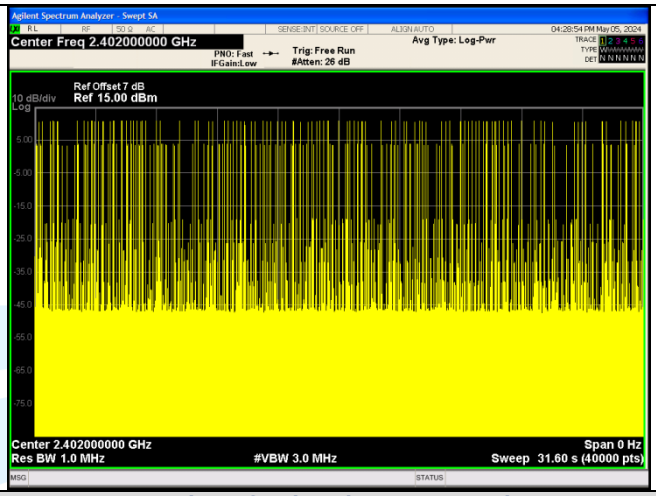
Pulse Width
8DPSK_3-DH3



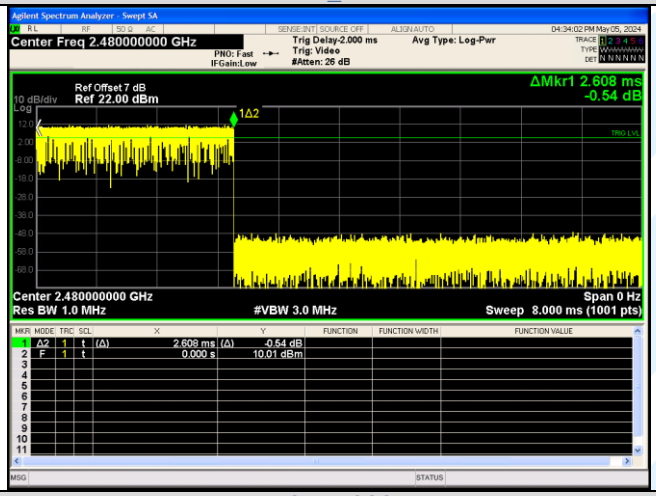
Number of Pulses in 31.6 seconds
8DPSK_3-DH3



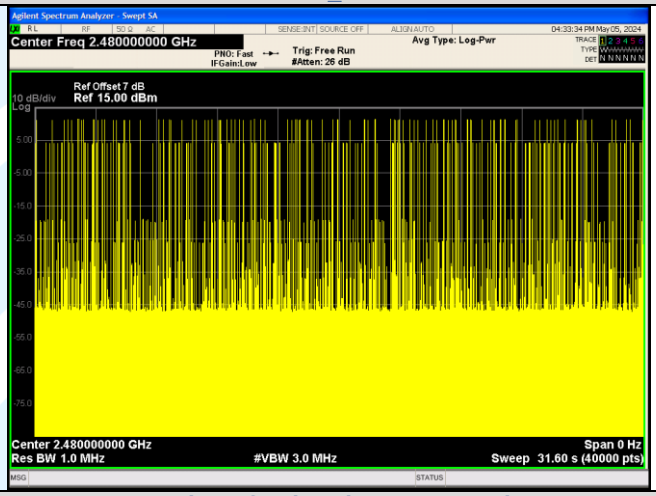
Pulse Width
8DPSK_3-DH5



Number of Pulses in 31.6 seconds
8DPSK_3-DH5



Pulse Width
8DPSK_3-DH5



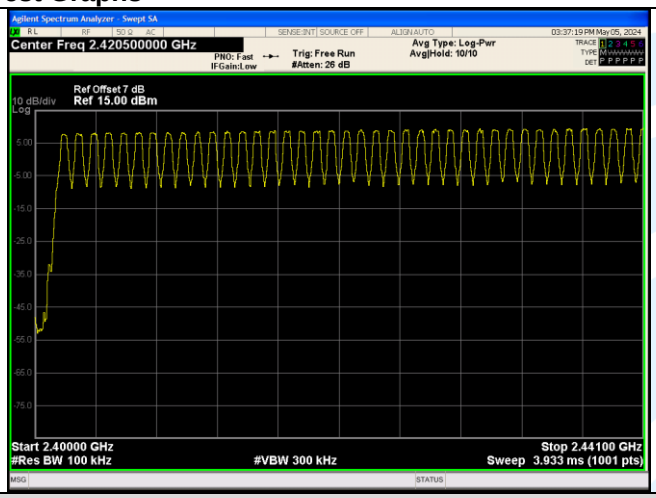
Number of Pulses in 31.6 seconds
8DPSK_3-DH5

A.6 NUMBER OF HOPPING CHANNEL

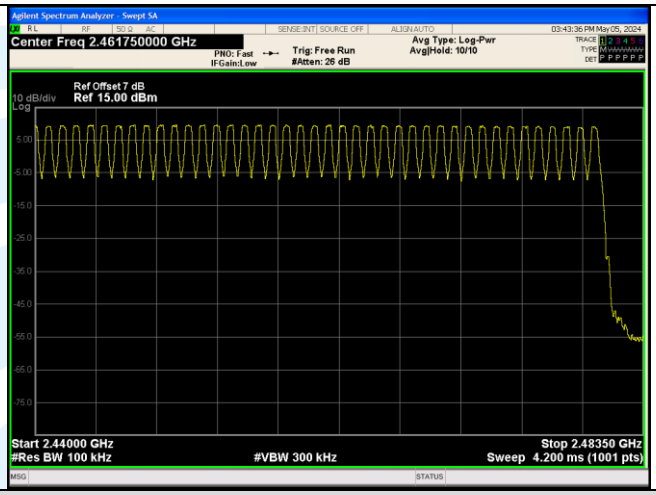
Test Result

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

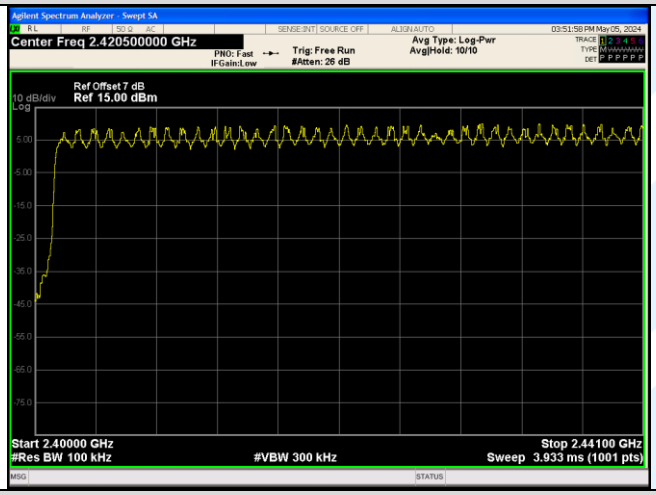
Test Graphs



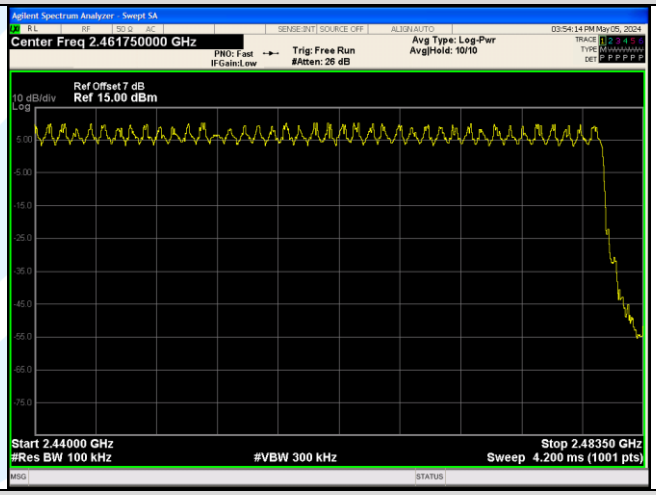
Low End Spectrum Channel Hopping Plot
GFSK



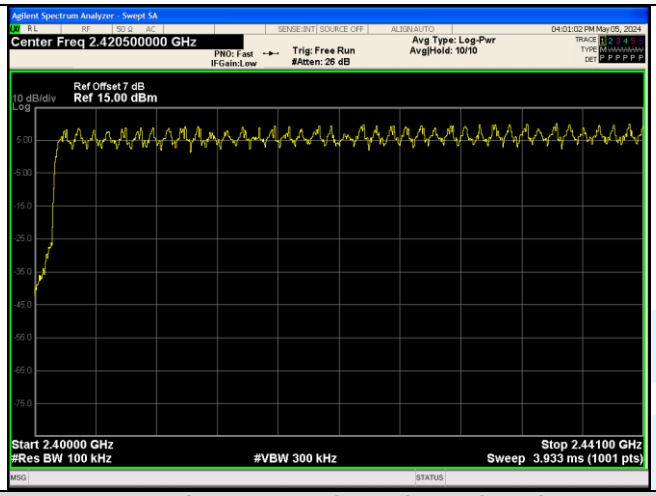
High End Spectrum Channel Hopping Plot
GFSK



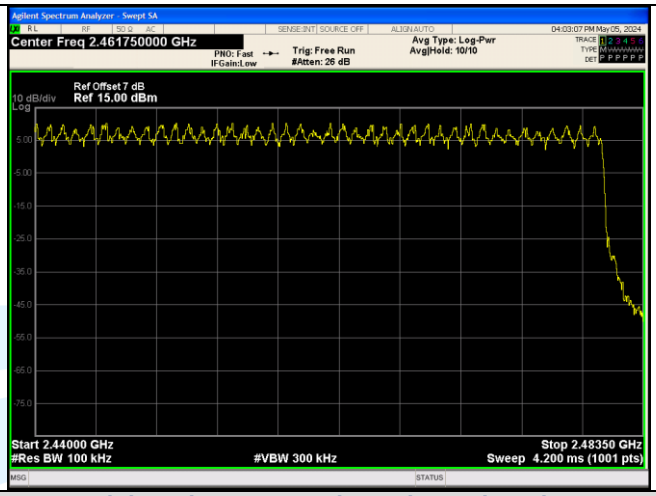
Low End Spectrum Channel Hopping Plot
π/4DQPSK



High End Spectrum Channel Hopping Plot
π/4DQPSK



Low End Spectrum Channel Hopping Plot
8DPSK



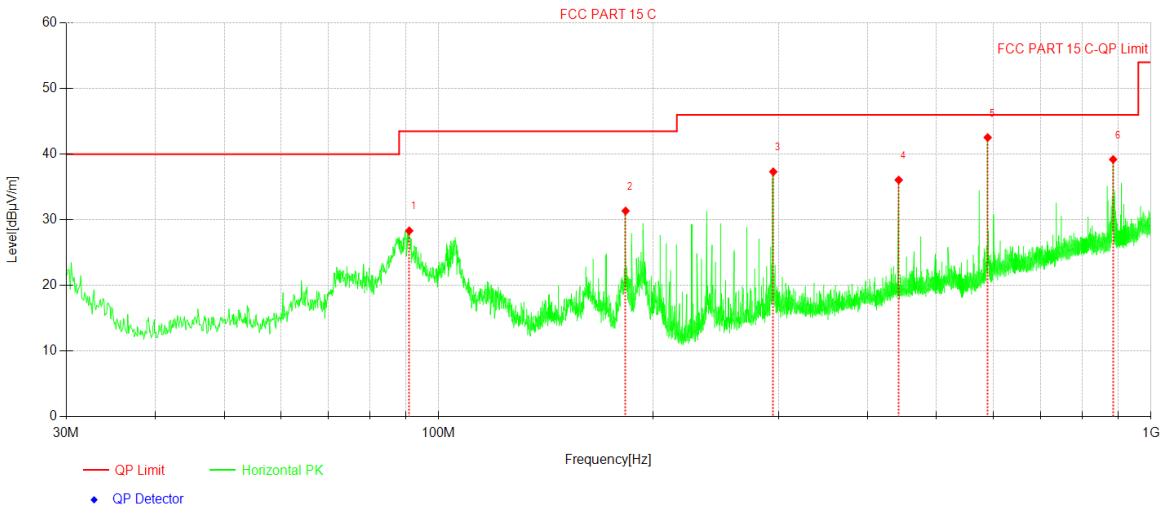
High End Spectrum Channel Hopping Plot
8DPSK

A.7 RADIATED SPURIOUS EMISSIONS

Radiated Emission Test Data (9 KHz ~ 30 MHz):
The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

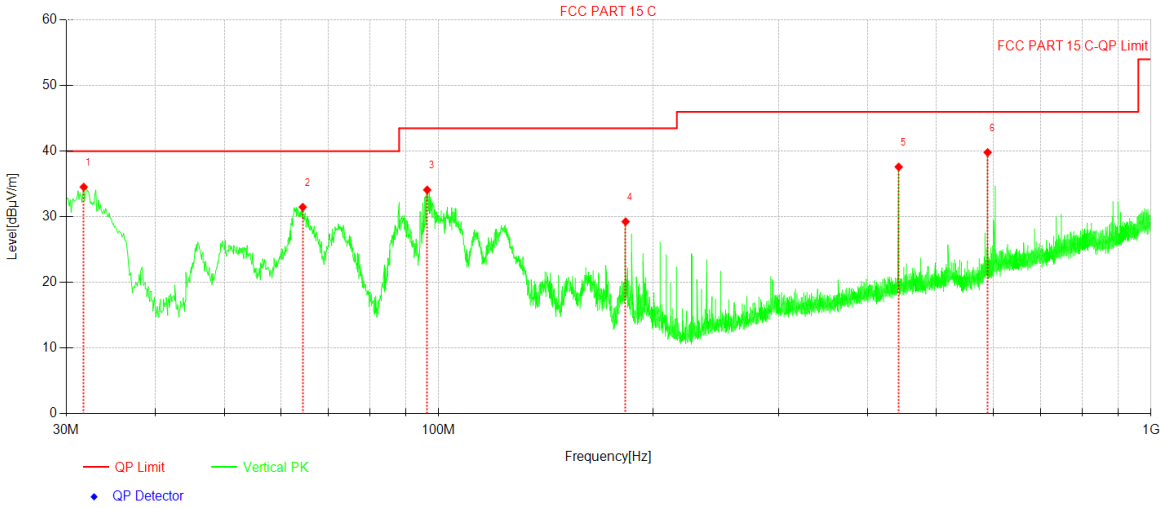
Radiated Emission Test Data (30 MHz ~ 1 GHz):
Worst-Case Configuration(BR+EDR)_Channel 0)

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correction factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	90.922092	42.12	-13.80	28.32	43.50	15.18	Peak
2	182.984298	41.06	-9.71	31.35	43.50	12.15	Peak
3	294.933493	44.44	-7.12	37.32	46.00	8.68	Peak
4	442.388239	39.06	-2.99	36.07	46.00	9.93	Peak
5	589.842984	42.94	-0.39	42.55	46.00	3.45	Peak
6	884.752475	34.53	4.67	39.20	46.00	6.80	Peak

Vertical

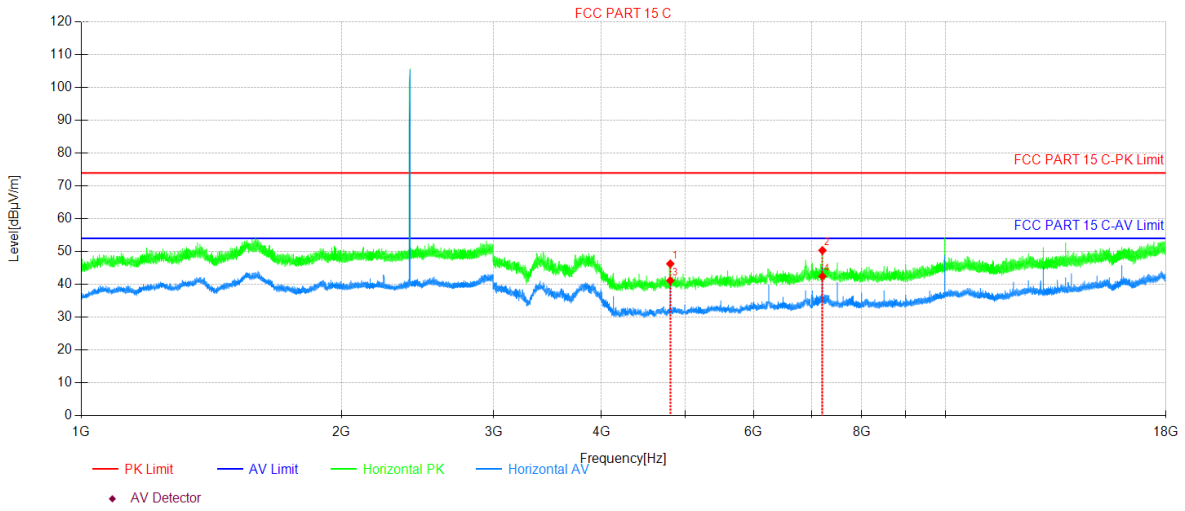


No.	Frequency (MHz)	Reading (dBuV)	Correction factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	31.746175	44.32	-9.78	34.54	40.00	5.46	Peak
2	64.438444	40.73	-9.26	31.47	40.00	8.53	Peak
3	96.354636	47.27	-13.17	34.10	43.50	9.40	Peak
4	182.984298	38.96	-9.71	29.25	43.50	14.25	Peak
5	442.388239	40.59	-2.99	37.60	46.00	8.40	Peak
6	589.842984	40.20	-0.39	39.81	46.00	6.19	Peak

Radiated Emission Test Data (Above 1GHz):

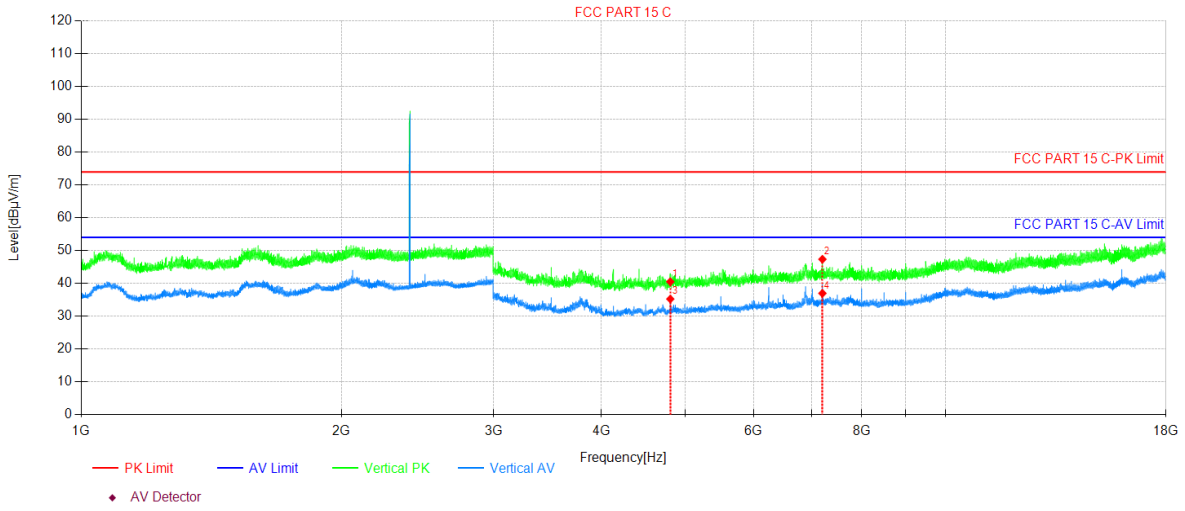
BR+EDR _ Lowest Channel:

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4804.5902	50.88	-4.61	46.27	74.00	27.73	150	58	PK	Horizontal	PASS
2	7206.2103	52.12	-1.76	50.36	74.00	23.64	150	15	PK	Horizontal	PASS
3	4804.5902	45.77	-4.61	41.16	54.00	12.84	150	3	AV	Horizontal	PASS
4	7206.2103	44.18	-1.76	42.42	54.00	11.58	150	3	AV	Horizontal	PASS

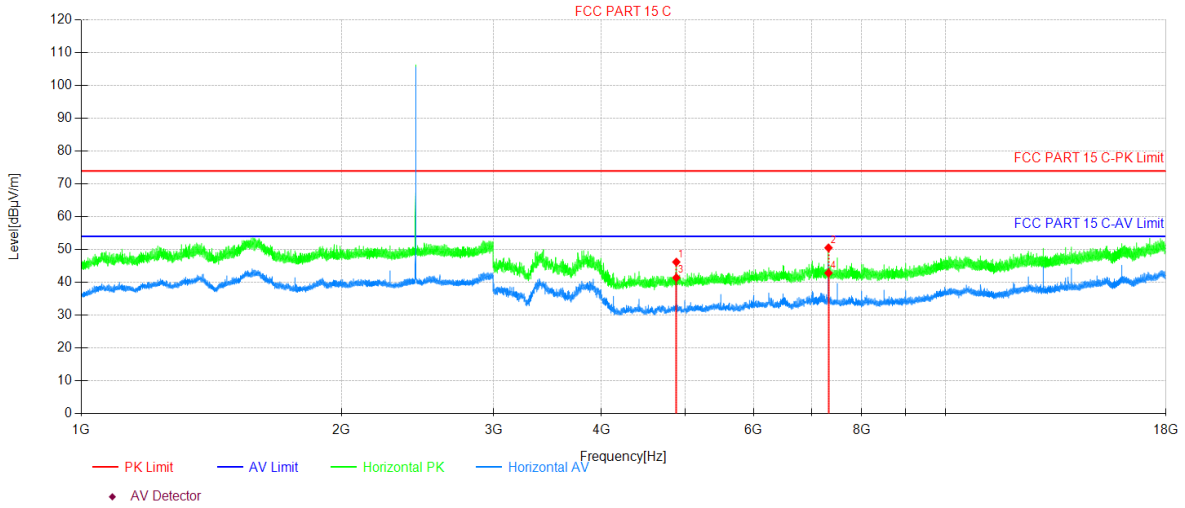
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4804.5902	45.11	-4.61	40.50	74.00	33.50	150	15	PK	Vertical	PASS
2	7206.2103	49.11	-1.76	47.35	74.00	26.65	150	86	PK	Vertical	PASS
3	4804.5902	39.83	-4.61	35.22	54.00	18.78	150	86	AV	Vertical	PASS
4	7206.2103	38.72	-1.76	36.96	54.00	17.04	150	140	AV	Vertical	PASS

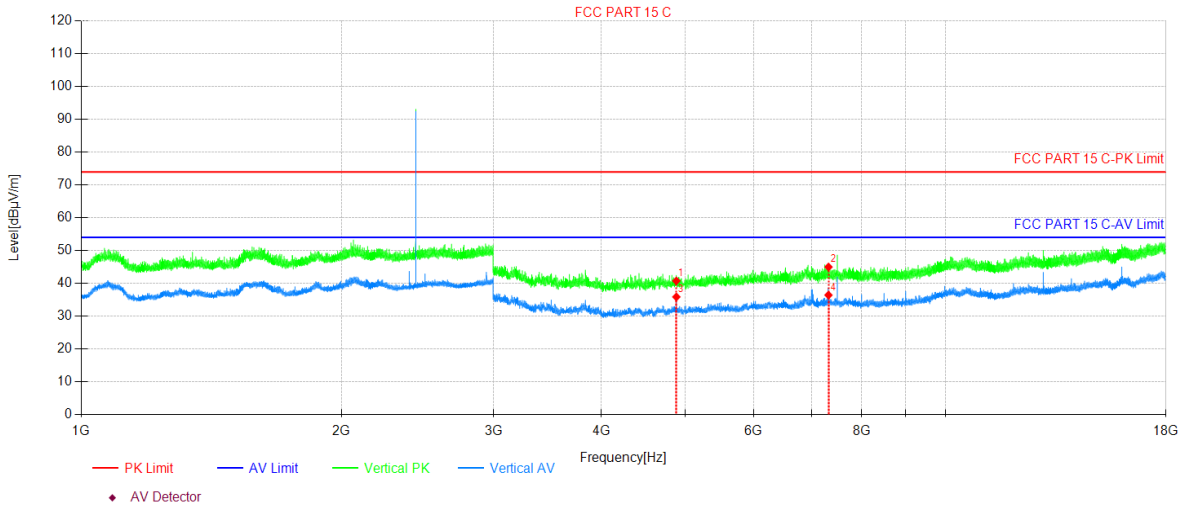
BR+EDR _ Middle Channe:

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4882.5941	50.92	-4.72	46.20	74.00	27.80	150	15	PK	Horizontal	PASS
2	7323.2162	52.02	-1.49	50.53	74.00	23.47	150	30	PK	Horizontal	PASS
3	4882.5941	46.14	-4.72	41.42	54.00	12.58	150	3	AV	Horizontal	PASS
4	7323.2162	44.34	-1.49	42.85	54.00	11.15	150	30	AV	Horizontal	PASS

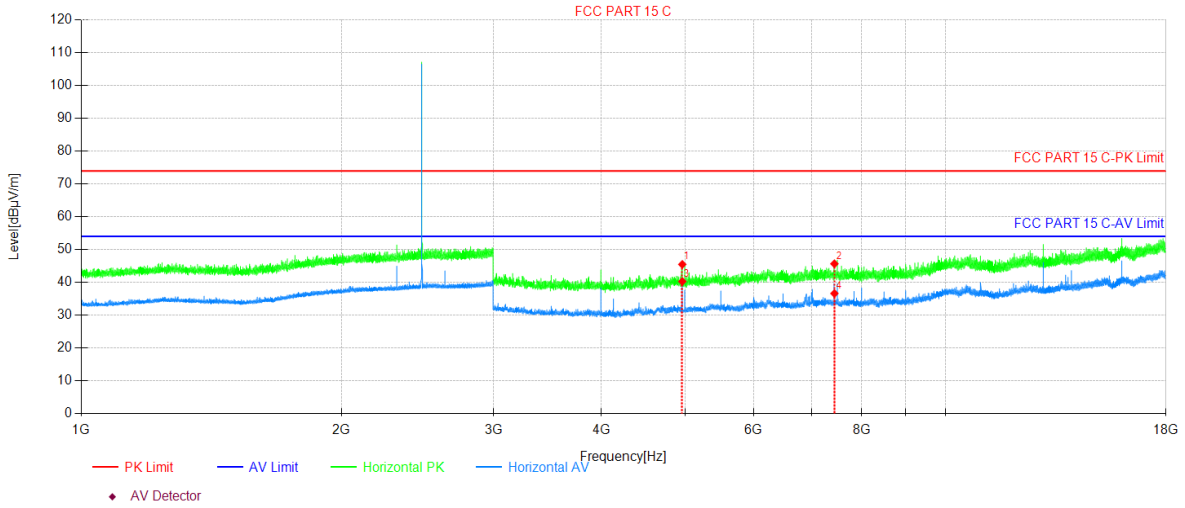
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4882.5941	45.47	-4.72	40.75	74.00	33.25	150	172	PK	Vertical	PASS
2	7323.2162	46.47	-1.49	44.98	74.00	29.02	150	157	PK	Vertical	PASS
3	4882.5941	40.58	-4.72	35.86	54.00	18.14	150	72	AV	Vertical	PASS
4	7323.2162	37.90	-1.49	36.41	54.00	17.59	150	86	AV	Vertical	PASS

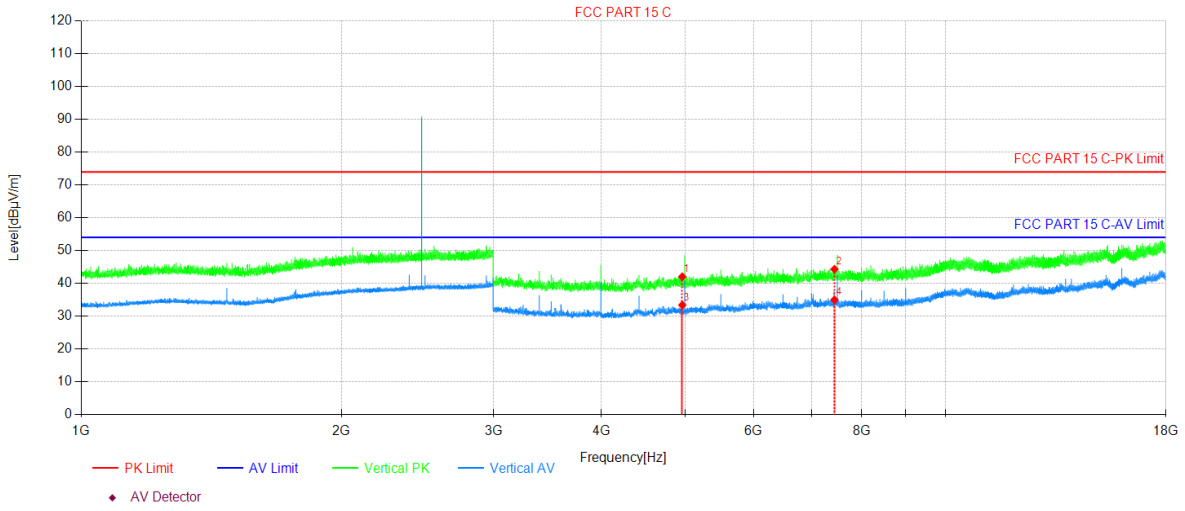
BR+EDR _ Highest Channel

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4960.598	50.33	-4.86	45.47	74.00	28.53	150	27	PK	Horizontal	PASS
2	7440.222	47.00	-1.34	45.66	74.00	28.34	150	0	PK	Horizontal	PASS
3	4960.598	45.14	-4.86	40.28	54.00	13.72	150	0	AV	Horizontal	PASS
4	7440.222	37.95	-1.34	36.61	54.00	17.39	150	3	AV	Horizontal	PASS

Test Graph

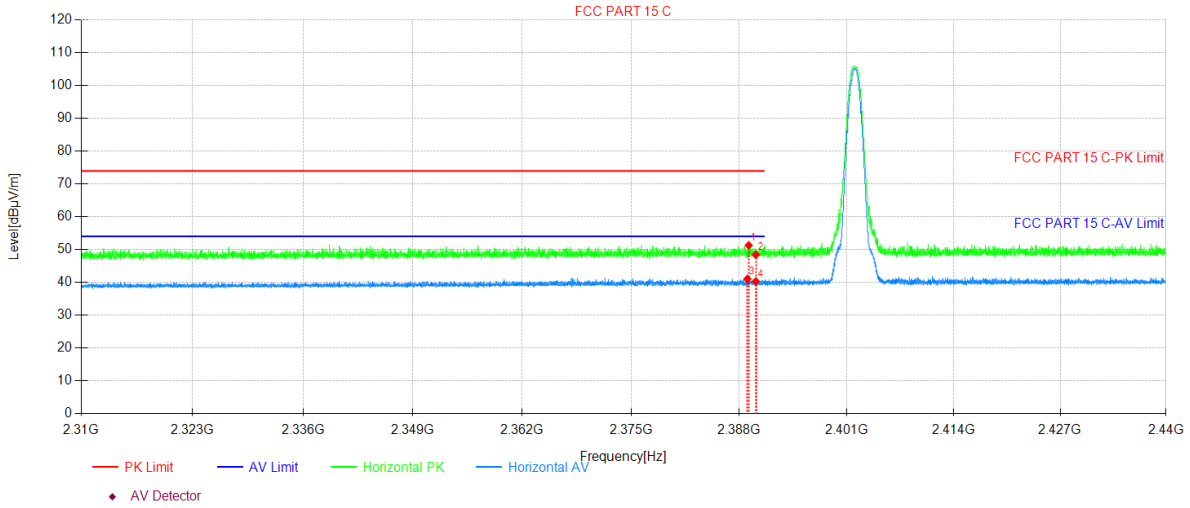


Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4960.598	46.88	-4.86	42.02	74.00	31.98	150	65	PK	Vertical	PASS
2	7440.222	45.64	-1.34	44.30	74.00	29.70	150	0	PK	Vertical	PASS
3	4960.598	38.25	-4.86	33.39	54.00	20.61	150	20	AV	Vertical	PASS
4	7440.222	36.31	-1.34	34.97	54.00	19.03	150	106	AV	Vertical	PASS

A.8 BAND EDGE MEASUREMENTS (RADIATED)

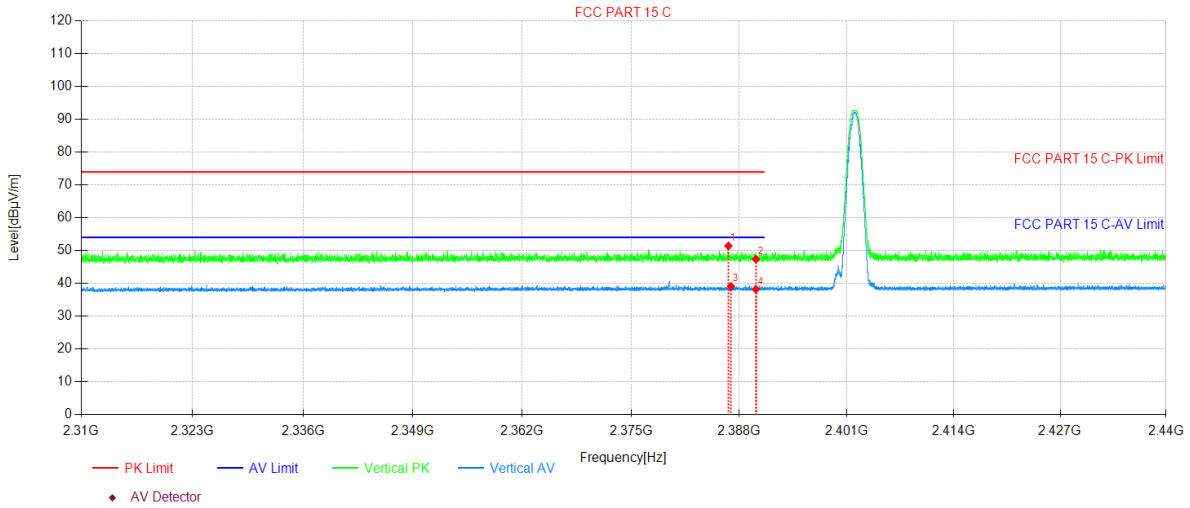
BR+EDR _ Lowest Channel:

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2389.1519	52.08	-0.80	51.28	74.00	22.72	150	171	PK	Horizontal	PASS
2	2390.01	49.23	-0.80	48.43	74.00	25.57	150	180	PK	Horizontal	PASS
3	2388.9959	41.85	-0.80	41.05	54.00	12.95	150	161	AV	Horizontal	PASS
4	2390.01	41.09	-0.80	40.29	54.00	13.71	150	161	AV	Horizontal	PASS

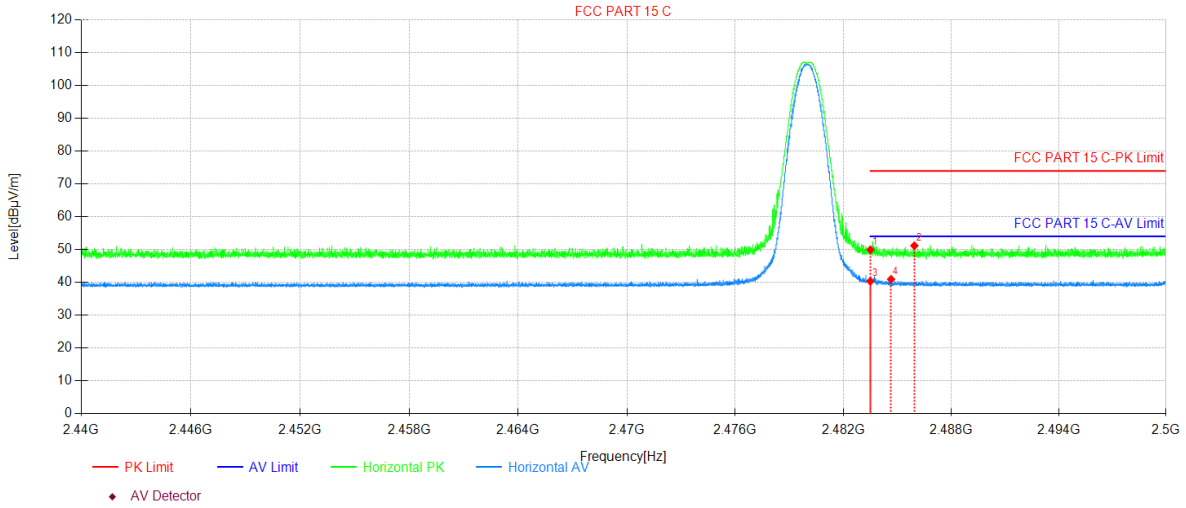
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2386.7077	52.24	-0.81	51.43	74.00	22.57	150	96	PK	Vertical	PASS
2	2390.01	48.18	-0.80	47.38	74.00	26.62	150	0	PK	Vertical	PASS
3	2387.0197	39.89	-0.81	39.08	54.00	14.92	150	0	AV	Vertical	PASS
4	2390.01	39.00	-0.80	38.20	54.00	15.80	150	177	AV	Vertical	PASS

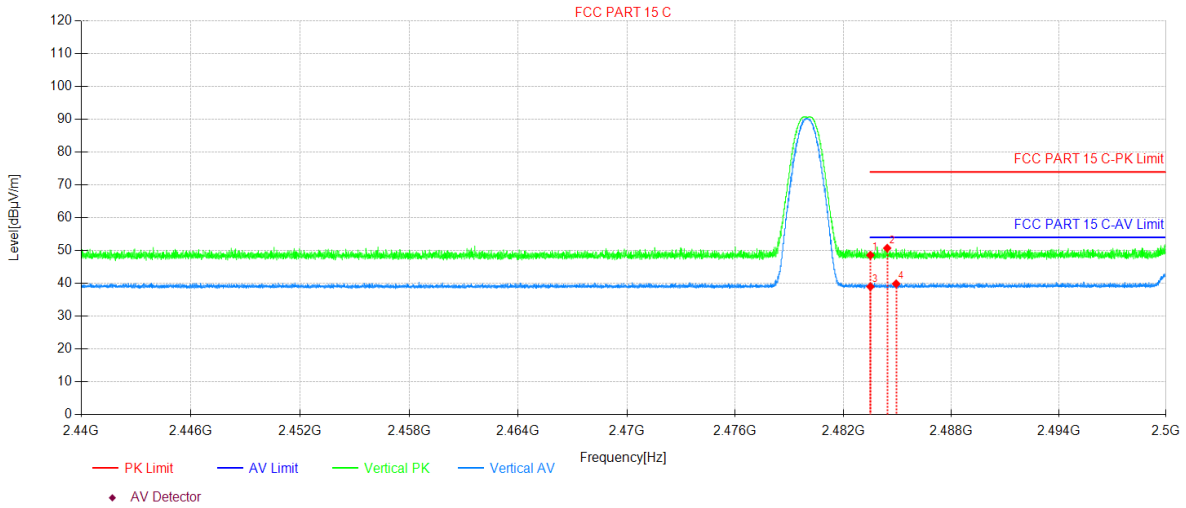
BR+EDR _ Highest Channel

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2483.5044	50.24	-0.29	49.95	74.00	24.05	150	3	PK	Horizontal	PASS
2	2485.9526	51.44	-0.27	51.17	74.00	22.83	150	0	PK	Horizontal	PASS
3	2483.5044	40.62	-0.29	40.33	54.00	13.67	150	20	AV	Horizontal	PASS
4	2484.6565	41.20	-0.27	40.93	54.00	13.07	150	10	AV	Horizontal	PASS

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2483.5044	48.88	-0.29	48.59	74.00	25.41	150	56	PK	Vertical	PASS
2	2484.4404	51.02	-0.28	50.74	74.00	23.26	150	0	PK	Vertical	PASS
3	2483.5044	39.28	-0.29	38.99	54.00	15.01	150	17	AV	Vertical	PASS
4	2484.9385	40.14	-0.27	39.87	54.00	14.13	150	17	AV	Vertical	PASS

Remark:

1. Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain, the value was added to Original Receiver Reading by the software automatically.
2. Result = Reading + Correct Factor.
3. Margin = Limit - Result
4. For Radiated Emission above 18GHz, there was not any unwanted emission detected.
5. The testing of Radiated Emissions was performed in Dongguan DN Testing Co., Ltd.

APPENDIX 1 PHOTOS OF TEST SETUP

See test photos attached in Appendix 1 for the actual connections between Product and support equipment.

APPENDIX 2 PHOTOS OF EUT CONSTRUCTIONAL DETAILS

Refer to Appendix 2 for EUT external and internal photos.

*** End of Report ***
