(1GHz-25GHz) Spurious emission Requirements

1M PHY
GFSK

Frequency	Meter Reading	Amplifier	Loss	Antenna Factor	Corrected Factor	Emission Level	Limits	Margin	Detector	Comment
(MHz)	(dBμV)	(dB)	(dB)	(dB/m)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	Type	
Low Channel (GFSK/2402 MHz)										
3264.73	61.54	44.70	6.70	28.20	-9.80	51.74	74.00	-22.26	PK	Vertical
3264.73	50.55	44.70	6.70	28.20	-9.80	40.75	54.00	-13.25	AV	Vertical
3264.62	61.17	44.70	6.70	28.20	-9.80	51.37	74.00	-22.63	PK	Horizontal
3264.62	50.35	44.70	6.70	28.20	-9.80	40.55	54.00	-13.45	AV	Horizontal
4804.32	58.97	44.20	9.04	31.60	-3.56	55.41	74.00	-18.59	PK	Vertical
4804.32	50.58	44.20	9.04	31.60	-3.56	47.02	54.00	-6.98	AV	Vertical
4804.53	58.18	44.20	9.04	31.60	-3.56	54.62	74.00	-19.38	PK	Horizontal
4804.53	49.59	44.20	9.04	31.60	-3.56	46.03	54.00	-7.97	AV	Horizontal
5359.85	48.29	44.20	9.86	32.00	-2.34	45.95	74.00	-28.05	PK	Vertical
5359.85	40.22	44.20	9.86	32.00	-2.34	37.87	54.00	-16.13	AV	Vertical
5359.77	48.57	44.20	9.86	32.00	-2.34	46.23	74.00	-27.77	PK	Horizontal
5359.77	39.29	44.20	9.86	32.00	-2.34	36.95	54.00	-17.05	AV	Horizontal
7205.90	54.84	43.50	11.40	35.50	3.40	58.24	74.00	-15.76	PK	Vertical
7205.90	44.34	43.50	11.40	35.50	3.40	47.74	54.00	-6.26	AV	Vertical
7205.71	53.92	43.50	11.40	35.50	3.40	57.32	74.00	-16.68	PK	Horizontal
7205.71	43.87	43.50	11.40	35.50	3.40	47.27	54.00	-6.73	AV	Horizontal
Middle Channel (GFSK/2440 MHz)										
3263.09	61.84	44.70	6.70	28.20	-9.80	52.04	74.00	-21.96	PK	Vertical
3263.09	50.85	44.70	6.70	28.20	-9.80	41.05	54.00	-12.95	AV	Vertical
3263.01	62.14	44.70	6.70	28.20	-9.80	52.34	74.00	-21.66	PK	Horizontal
3263.01	50.58	44.70	6.70	28.20	-9.80	40.78	54.00	-13.22	AV	Horizontal
4879.86	58.28	44.20	9.04	31.60	-3.56	54.72	74.00	-19.28	PK	Vertical
4879.86	50.02	44.20	9.04	31.60	-3.56	46.46	54.00	-7.54	AV	Vertical
4880.07	58.84	44.20	9.04	31.60	-3.56	55.28	74.00	-18.72	PK	Horizontal
4880.07	49.23	44.20	9.04	31.60	-3.56	45.67	54.00	-8.33	AV	Horizontal
5357.10	49.30	44.20	9.86	32.00	-2.34	46.96	74.00	-27.04	PK	Vertical
5357.10	39.12	44.20	9.86	32.00	-2.34	36.78	54.00	-17.22	AV	Vertical
5357.39	48.27	44.20	9.86	32.00	-2.34	45.93	74.00	-28.07	PK	Horizontal
5357.04	38.69	44.20	9.86	32.00	-2.34	36.35	54.00	-17.65	AV	Horizontal
7320.85	53.81	43.50	11.40	35.50	3.40	57.21	74.00	-16.79	PK	Vertical
7320.85	44.39	43.50	11.40	35.50	3.40	47.79	54.00	-6.21	AV	Vertical
7320.41	54.64	43.50	11.40	35.50	3.40	58.04	74.00	-15.96	PK	Horizontal
7320.41	44.14	43.50	11.40	35.50	3.40	47.54	54.00	-6.46	AV	Horizontal

High Channel (GFSK/2480 MHz)										
3264.71	61.81	44.70	6.70	28.20	-9.80	52.01	74.00	-21.99	PK	Vertical
3264.71	50.88	44.70	6.70	28.20	-9.80	41.08	54.00	-12.92	AV	Vertical
3264.67	62.14	44.70	6.70	28.20	-9.80	52.34	74.00	-21.66	PK	Horizontal
3264.67	50.00	44.70	6.70	28.20	-9.80	40.20	54.00	-13.80	AV	Horizontal
4960.38	58.94	44.20	9.04	31.60	-3.56	55.38	74.00	-18.62	PK	Vertical
4960.38	49.28	44.20	9.04	31.60	-3.56	45.72	54.00	-8.28	AV	Vertical
4960.41	58.80	44.20	9.04	31.60	-3.56	55.24	74.00	-18.76	PK	Horizontal
4960.41	49.42	44.20	9.04	31.60	-3.56	45.86	54.00	-8.14	AV	Horizontal
5359.85	48.19	44.20	9.86	32.00	-2.34	45.85	74.00	-28.15	PK	Vertical
5359.85	40.03	44.20	9.86	32.00	-2.34	37.68	54.00	-16.32	AV	Vertical
5359.57	47.27	44.20	9.86	32.00	-2.34	44.93	74.00	-29.07	PK	Horizontal
5359.57	39.41	44.20	9.86	32.00	-2.34	37.07	54.00	-16.93	AV	Horizontal
7439.77	53.66	43.50	11.40	35.50	3.40	57.06	74.00	-16.94	PK	Vertical
7439.77	43.79	43.50	11.40	35.50	3.40	47.19	54.00	-6.81	AV	Vertical
7439.69	54.38	43.50	11.40	35.50	3.40	57.78	74.00	-16.22	PK	Horizontal
7439.69	43.65	43.50	11.40	35.50	3.40	47.05	54.00	-6.95	AV	Horizontal

Note:

1) Factor = Antenna Factor + Cable Loss – Pre-amplifier.
   Emission Level = Reading + Factor.

2) The frequency emission of peak points that did not show above the forms are at least 20dB below the limit, the frequency emission is mainly from the environment noise.

2M PHY
GFSK

Frequency	Meter Reading	Amplifier	Loss	Antenna Factor	Corrected Factor	Emission Level	Limits	Margin	Detector	Comment
(MHz)	(dBμV)	(dB)	(dB)	(dB/m)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	Type	
Low Channel (GFSK/2402 MHz)										
3264.81	60.95	44.70	6.70	28.20	-9.80	51.15	74.00	-22.85	PK	Vertical
3264.81	50.50	44.70	6.70	28.20	-9.80	40.70	54.00	-13.30	AV	Vertical
3264.57	62.25	44.70	6.70	28.20	-9.80	52.45	74.00	-21.55	PK	Horizontal
3264.57	50.80	44.70	6.70	28.20	-9.80	41.00	54.00	-13.00	AV	Horizontal
4804.43	58.18	44.20	9.04	31.60	-3.56	54.62	74.00	-19.38	PK	Vertical
4804.43	49.63	44.20	9.04	31.60	-3.56	46.07	54.00	-7.93	AV	Vertical
4804.43	58.81	44.20	9.04	31.60	-3.56	55.25	74.00	-18.75	PK	Horizontal
4804.43	49.25	44.20	9.04	31.60	-3.56	45.69	54.00	-8.31	AV	Horizontal
5359.66	48.00	44.20	9.86	32.00	-2.34	45.66	74.00	-28.34	PK	Vertical
5359.66	39.34	44.20	9.86	32.00	-2.34	36.99	54.00	-17.01	AV	Vertical
5359.85	47.85	44.20	9.86	32.00	-2.34	45.51	74.00	-28.49	PK	Horizontal
5359.85	38.82	44.20	9.86	32.00	-2.34	36.47	54.00	-17.53	AV	Horizontal
7205.82	54.14	43.50	11.40	35.50	3.40	57.54	74.00	-16.46	PK	Vertical
7205.82	44.72	43.50	11.40	35.50	3.40	48.12	54.00	-5.88	AV	Vertical
7205.89	53.85	43.50	11.40	35.50	3.40	57.25	74.00	-16.75	PK	Horizontal
7205.89	44.93	43.50	11.40	35.50	3.40	48.33	54.00	-5.67	AV	Horizontal
Middle Channel (GFSK/2440 MHz)										
3263.11	62.17	44.70	6.70	28.20	-9.80	52.37	74.00	-21.63	PK	Vertical
3263.11	51.41	44.70	6.70	28.20	-9.80	41.61	54.00	-12.39	AV	Vertical
3263.08	61.50	44.70	6.70	28.20	-9.80	51.70	74.00	-22.30	PK	Horizontal
3263.08	50.52	44.70	6.70	28.20	-9.80	40.72	54.00	-13.28	AV	Horizontal
4880.07	58.97	44.20	9.04	31.60	-3.56	55.41	74.00	-18.59	PK	Vertical
4880.07	50.54	44.20	9.04	31.60	-3.56	46.98	54.00	-7.02	AV	Vertical
4880.05	58.56	44.20	9.04	31.60	-3.56	55.00	74.00	-19.00	PK	Horizontal
4880.05	50.28	44.20	9.04	31.60	-3.56	46.72	54.00	-7.28	AV	Horizontal
5357.05	48.51	44.20	9.86	32.00	-2.34	46.17	74.00	-27.83	PK	Vertical
5357.05	39.92	44.20	9.86	32.00	-2.34	37.57	54.00	-16.43	AV	Vertical
5357.39	47.27	44.20	9.86	32.00	-2.34	44.93	74.00	-29.07	PK	Horizontal
5357.15	38.50	44.20	9.86	32.00	-2.34	36.16	54.00	-17.84	AV	Horizontal
7320.85	53.59	43.50	11.40	35.50	3.40	56.99	74.00	-17.01	PK	Vertical
7320.85	44.40	43.50	11.40	35.50	3.40	47.80	54.00	-6.20	AV	Vertical
7320.28	53.85	43.50	11.40	35.50	3.40	57.25	74.00	-16.75	PK	Horizontal
7320.28	44.63	43.50	11.40	35.50	3.40	48.03	54.00	-5.97	AV	Horizontal

High Channel (GFSK/2480 MHz)										
3264.76	61.32	44.70	6.70	28.20	-9.80	51.52	74.00	-22.48	PK	Vertical
3264.76	49.85	44.70	6.70	28.20	-9.80	40.05	54.00	-13.95	AV	Vertical
3264.70	61.05	44.70	6.70	28.20	-9.80	51.25	74.00	-22.75	PK	Horizontal
3264.70	50.38	44.70	6.70	28.20	-9.80	40.58	54.00	-13.42	AV	Horizontal
4960.36	59.05	44.20	9.04	31.60	-3.56	55.49	74.00	-18.51	PK	Vertical
4960.36	49.67	44.20	9.04	31.60	-3.56	46.11	54.00	-7.89	AV	Vertical
4960.37	59.55	44.20	9.04	31.60	-3.56	55.99	74.00	-18.01	PK	Horizontal
4960.37	50.20	44.20	9.04	31.60	-3.56	46.64	54.00	-7.36	AV	Horizontal
5359.84	48.79	44.20	9.86	32.00	-2.34	46.44	74.00	-27.56	PK	Vertical
5359.84	40.15	44.20	9.86	32.00	-2.34	37.81	54.00	-16.19	AV	Vertical
5359.76	47.43	44.20	9.86	32.00	-2.34	45.08	74.00	-28.92	PK	Horizontal
5359.76	39.09	44.20	9.86	32.00	-2.34	36.75	54.00	-17.25	AV	Horizontal
7439.75	54.54	43.50	11.40	35.50	3.40	57.94	74.00	-16.06	PK	Vertical
7439.75	43.74	43.50	11.40	35.50	3.40	47.14	54.00	-6.86	AV	Vertical
7439.91	54.23	43.50	11.40	35.50	3.40	57.63	74.00	-16.37	PK	Horizontal
7439.91	43.94	43.50	11.40	35.50	3.40	47.34	54.00	-6.66	AV	Horizontal

Note:

1) Factor = Antenna Factor + Cable Loss – Pre-amplifier.
   Emission Level = Reading + Factor.

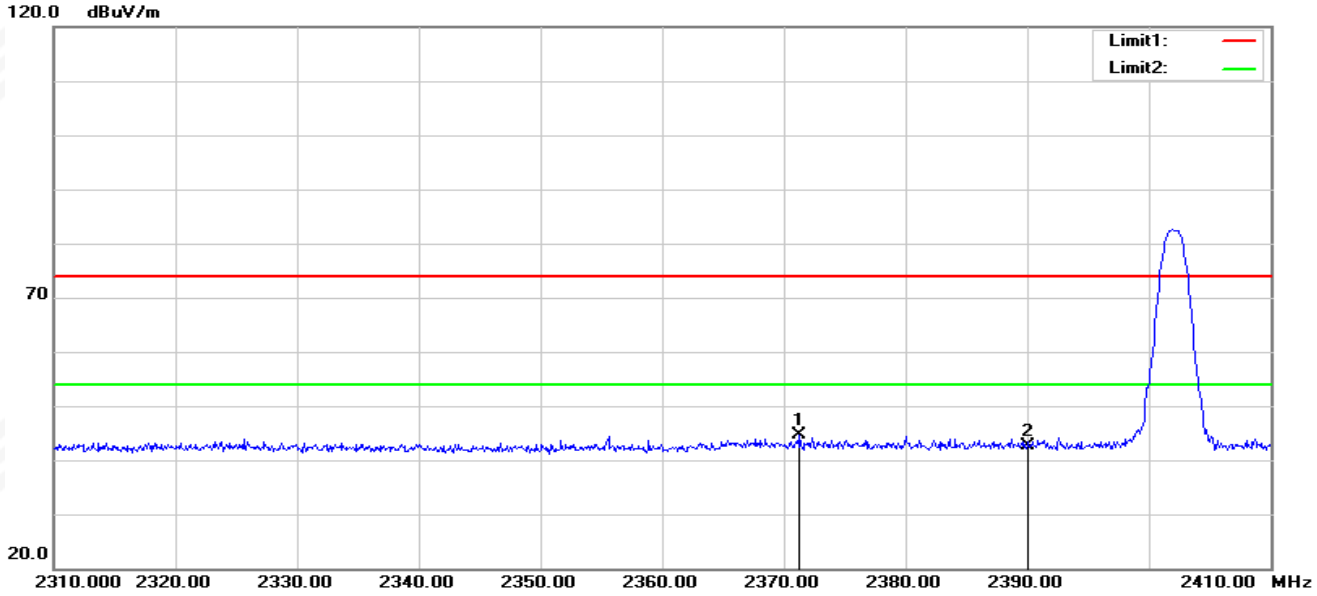
2) The frequency emission of peak points that did not show above the forms are at least 20dB below the limit, the frequency emission is mainly from the environment noise.

4.6 TEST RESULTS (Restricted Bands Requirements)

1M PHY

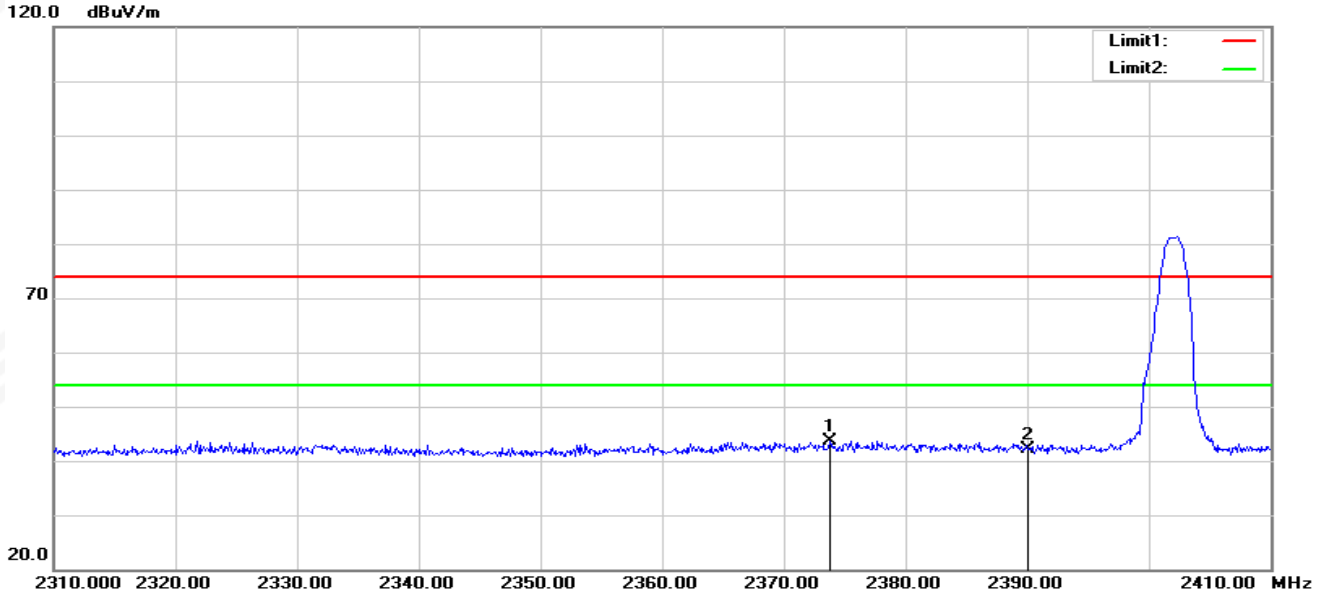
GFSK-Low

Horizontal



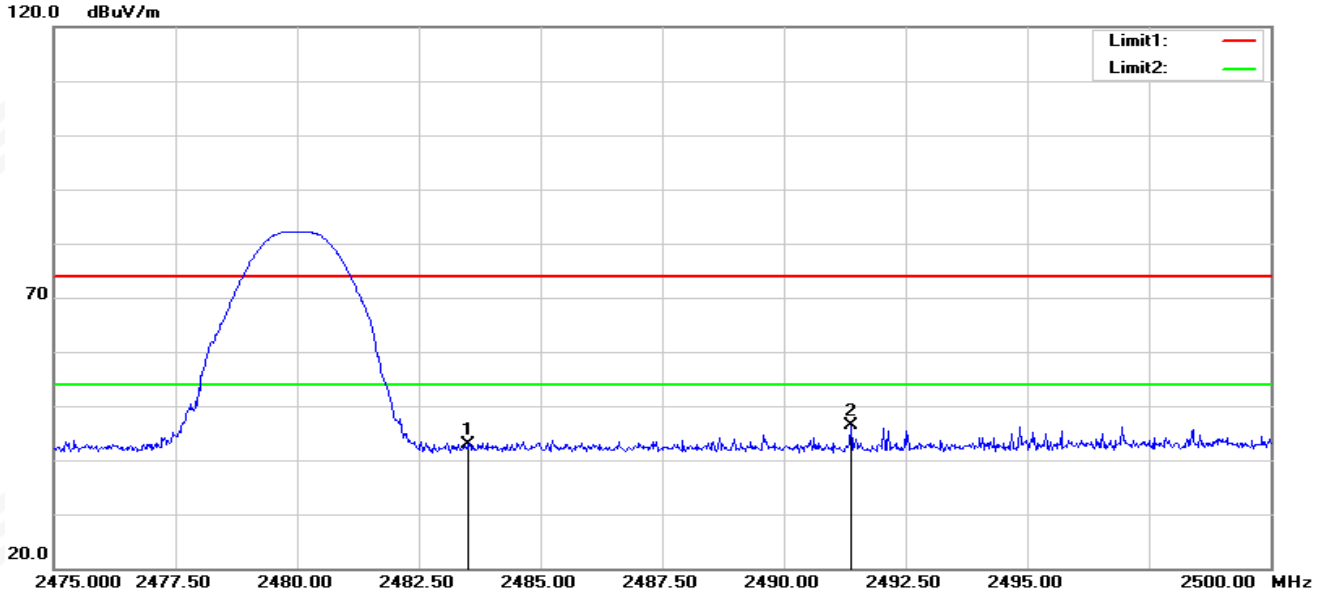
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2371.300	40.55	4.06	44.61	74.00	-29.39	peak
2	2390.000	38.36	4.34	42.70	74.00	-31.30	peak

Vertical



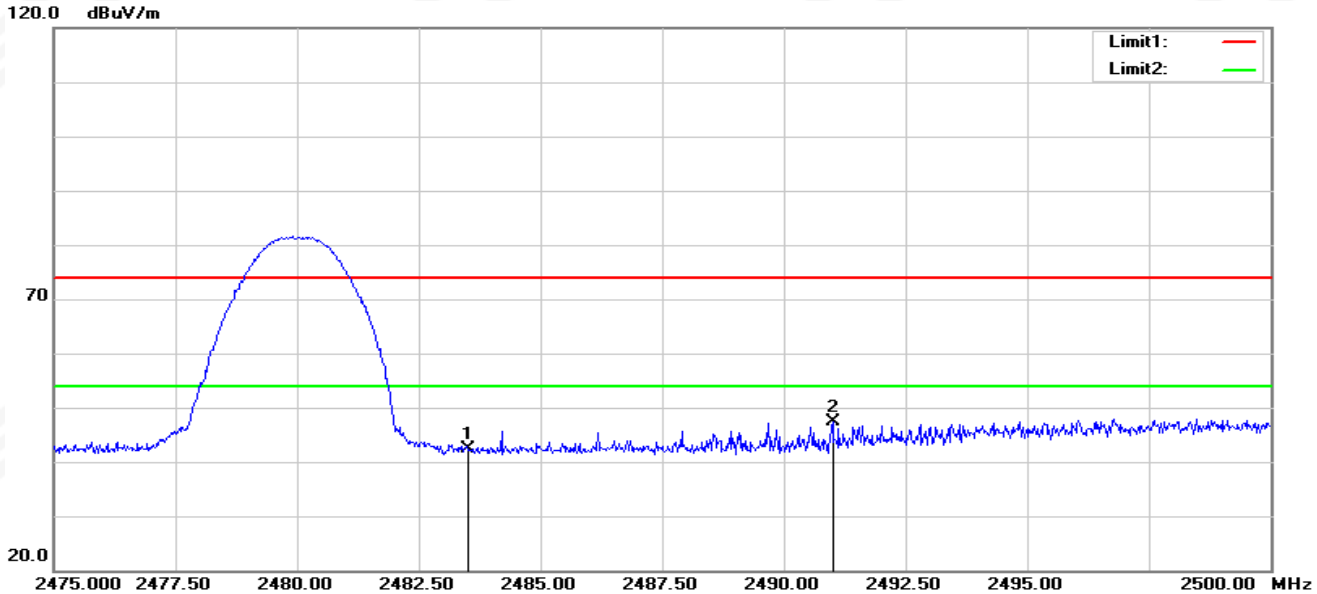
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2373.800	39.57	4.10	43.67	74.00	-30.33	peak
2	2390.000	37.74	4.34	42.08	74.00	-31.92	peak

GFSK-High
Horizontal



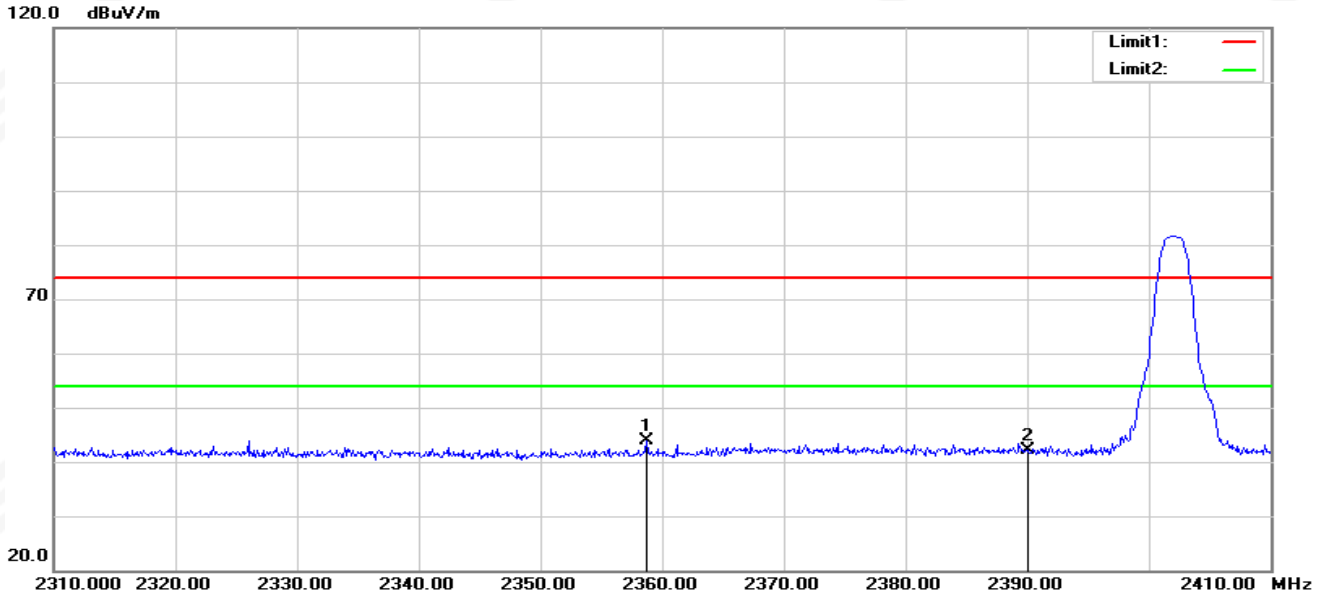
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	38.24	4.60	42.84	74.00	-31.16	peak
2	2491.375	41.66	4.63	46.29	74.00	-27.71	peak

Vertical



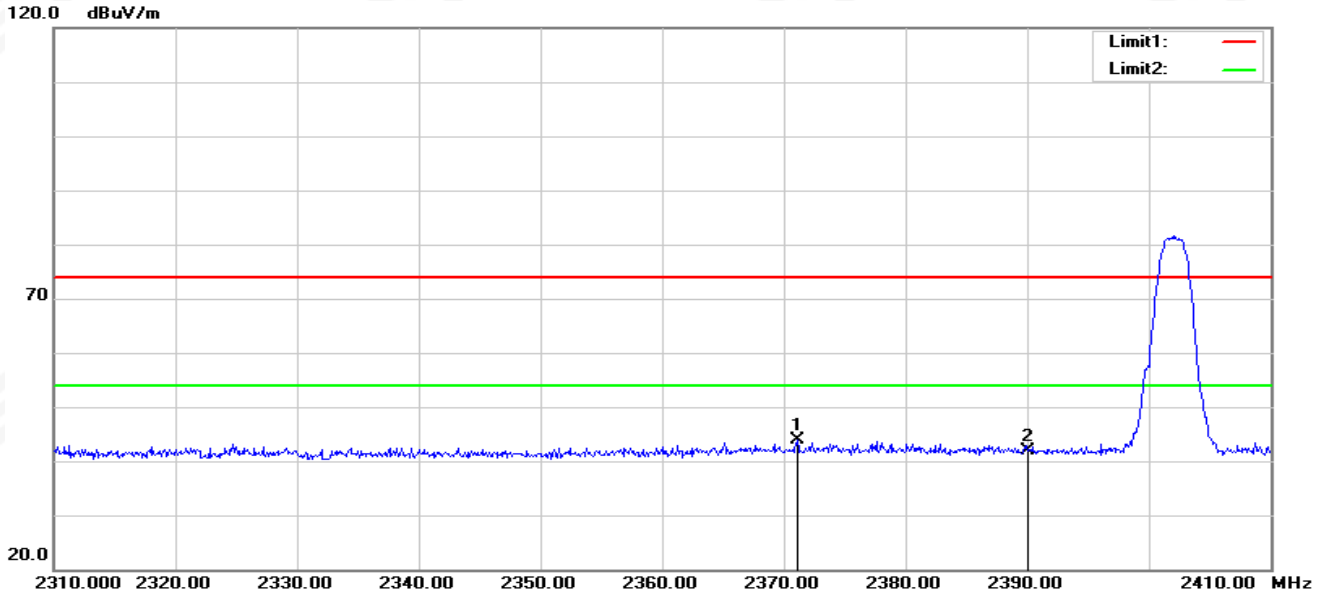
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	37.86	4.60	42.46	74.00	-31.54	peak
2	2491.000	42.82	4.63	47.45	74.00	-26.55	peak

2M PHY
GFSK-Low
Horizontal



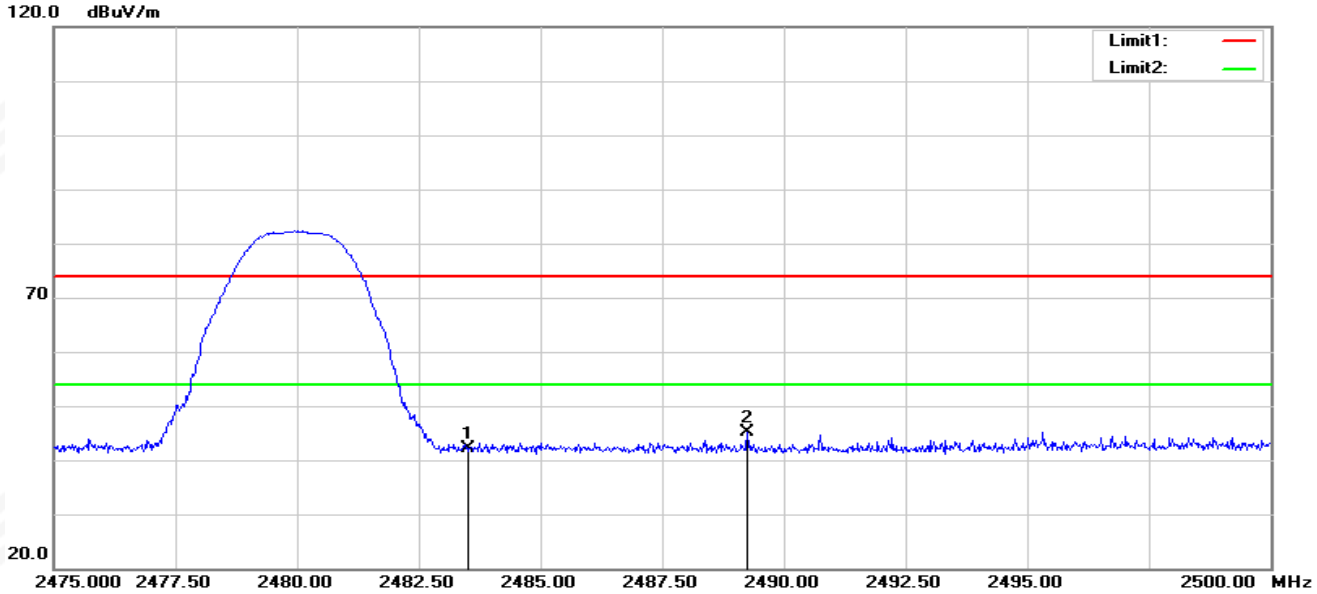
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2358.700	39.92	3.87	43.79	74.00	-30.21	peak
2	2390.000	37.67	4.34	42.01	74.00	-31.99	peak

Vertical



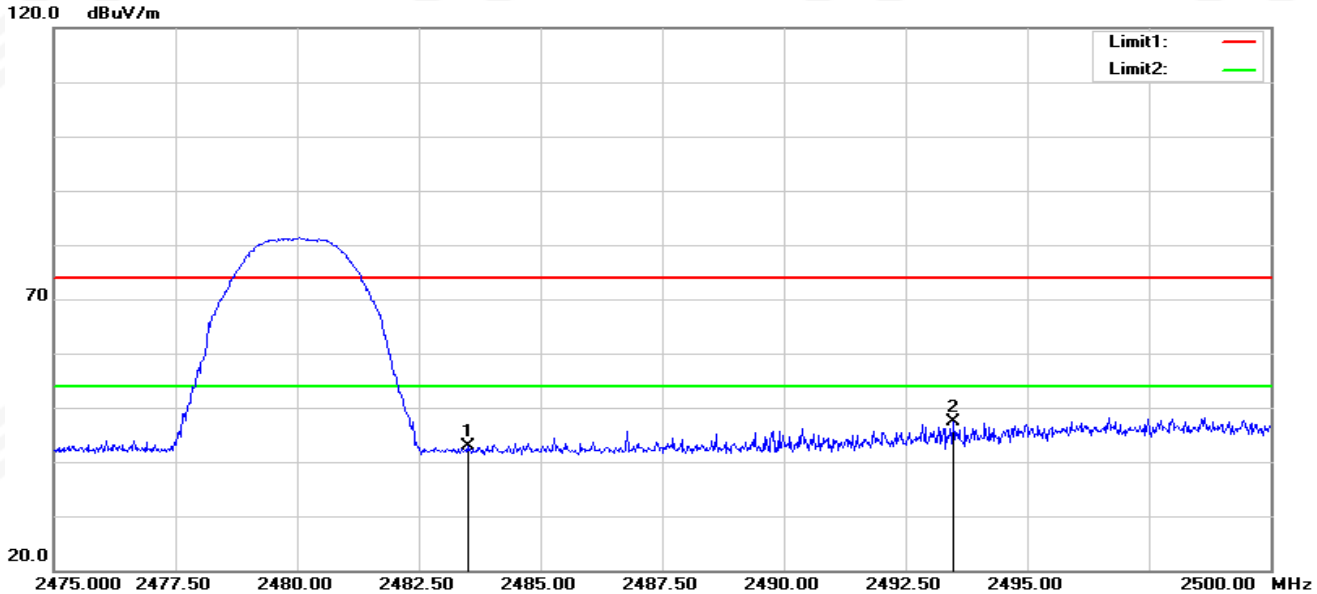
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2371.100	39.87	4.05	43.92	74.00	-30.08	peak
2	2390.000	37.56	4.34	41.90	74.00	-32.10	peak

GFSK-High
Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	37.41	4.60	42.01	74.00	-31.99	peak
2	2489.250	40.61	4.62	45.23	74.00	-28.77	peak

Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	38.31	4.60	42.91	74.00	-31.09	peak
2	2493.475	42.85	4.64	47.49	74.00	-26.51	peak

5. CONDUCTED SPURIOUS & BAND EDGE EMISSION

5.1 LIMIT

According to FCC section 15.247(d), in any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

5.2 TEST PROCEDURE

Spectrum Parameter	Setting
Detector	Peak
Start/Stop Frequency	30 MHz to 10th carrier harmonic
RB / VB (emission in restricted band)	100 KHz/300 KHz
Trace-Mode:	Max hold

For Band edge

Spectrum Parameter	Setting
Detector	Peak
Start/Stop Frequency	Lower Band Edge: 2300 – 2407 MHz Upper Band Edge: 2475 – 2500 MHz
RB / VB (emission in restricted band)	100 KHz/300 KHz
Trace-Mode:	Max hold

5.3 TEST SETUP

The EUT is connected to the Spectrum Analyzer; the RF load attached to the EUT antenna termina is 50 Ohm; the path loss as the factor is calibrated to correct the reading. Make the measurement with the spectrum analyzer's resolution bandwidth(RBW) = 100 kHz. In order to make an accurate measurement, set the span greater than RBW.

5.4 EUT OPERATION CONDITIONS

Please refer to section 3.4 of this report.

5.5 TEST RESULTS

Note: The test data please refer to APPENDIX 1.

6. POWER SPECTRAL DENSITY TEST

6.1 LIMIT

FCC Part 15.247,Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(e)	Power Spectral Density	≤8 dBm (RBW≥3KHz)	2400-2483.5	PASS

6.2 TEST PROCEDURE

1. Set analyzer center frequency to DTS channel center frequency.
2. Set the span to 1.5 times the DTS channel bandwidth.
3. Set the RBW to: 100 kHz ≥ RBW ≥ 3 kHz.
4. Set the VBW ≥ 3 x RBW.
5. Detector = peak.
6. Sweep time = auto couple.
7. Trace mode = max hold.
8. Allow trace to fully stabilize.
9. Use the peak marker function to determine the maximum amplitude level.
10. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

6.3 TEST SETUP

6.4 EUT OPERATION CONDITIONS

Please refer to section 3.4 of this report.

6.5 TEST RESULTS

Note: The test data please refer to APPENDIX 1.

7. BANDWIDTH TEST

7.1 LIMIT

FCC Part 15.247,Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(a)(2)	Bandwidth	>= 500KHz (6dB bandwidth)	2400-2483.5	PASS

7.2 TEST PROCEDURE

The automatic bandwidth measurement capability of an instrument may be employed using the X dB bandwidth mode with X set to 6 dB, if the functionality described above (i.e., RBW = 100 kHz, VBW≥3RBW, peak detector with maximum hold) is implemented by the instrumentation function. When using this capability, care shall be taken so that the bandwidth measurement is not influenced by any intermediate power nulls in the fundamental emission that might be≥6 dB.

7.3 TEST SETUP

7.4 EUT OPERATION CONDITIONS

Please refer to section 3.4 of this report.

7.5 TEST RESULTS

Note: The test data please refer to APPENDIX 1.

8. PEAK OUTPUT POWER TEST

8.1 LIMIT

FCC Part 15.247,Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(b)(3)	Output Power	1 watt or 30dBm	2400-2483.5	PASS

8.2 TEST PROCEDURE

One of the following procedures may be used to determine the averaging conducted output powe r of a DTS EUT.
Method AVGSA-2 uses trace averaging across ON and OFF times of the EUT transmissions, foll owed by duty cycle correction. The procedure for this method is as follows:
a) Measure the duty cycle D of the transmitter output signal as described in 11.6.
b) Set span to at least 1.5 times the OBW.
c) Set RBW = 1% to 5% of the OBW, not to exceed 1 MHz.
d) Set VBW ≥ [3 × RBW].
e) Number of points in sweep ≥ [2 × span / RBW]. (This gives bin-to-bin spacing ≤ RBW / 2, so th at narrowband signals are not lost between frequency bins.)
f) Sweep time = auto.
g) Detector = RMS (i.e., power averaging), if available. Otherwise, use the sample detector mode . h) Do not use sweep triggering. Allow the sweep to “free run.”
i) Trace average at least 100 traces in power averaging (rms) mode; however, the number of trac es to be averaged shall be increased above 100 as needed such that the average accurately re presents the true average over the ON and OFF periods of the transmitter.
j) Compute power by integrating the spectrum across the OBW of the signal using the instrument ’s band power measurement function with band limits set equal to the OBW band edges. If the in strument does not have a band power function, then sum the spectrum levels (in power units) at intervals equal to the RBW extending across the entire OBW of the spectrum.
k) Add [10 log (1 / D)], where D is the duty cycle, to the measured power to compute the average power during the actual transmission times (because the measurement represents an average o ver both the ON and OFF times of the transmission). For example, add [10 log (1/0.25)] = 6 dB if the duty cycle is 25%.
One of the following procedures may be used to determine the maximum peak conducted output power of a DTS EUT.
RBW ≥ DTS bandwidth
The following procedure shall be used when an instrument with a resolution bandwidth that is greater than the DTS bandwidth is available to perform the measurement:
a) Set the RBW ≥ DTS bandwidth.
b) Set VBW ≥ [3 × RBW].
c) Set span ≥ [3 × RBW].
d) Sweep time = auto couple.
e) Detector = peak.
f) Trace mode = max hold.
g) Allow trace to fully stabilize.
h) Use peak marker function to determine the peak amplitude level.

8.3 TEST SETUP

8.4 EUT OPERATION CONDITIONS
Please refer to section 3.4 of this report.

8.5 TEST RESULTS

Note: The test data please refer to APPENDIX 1.

9. ANTENNA REQUIREMENT

9.1 STANDARD REQUIREMENT

15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

9.2 EUT ANTENNA

The EUT antenna is PCB Antenna. It comply with the standard requirement.

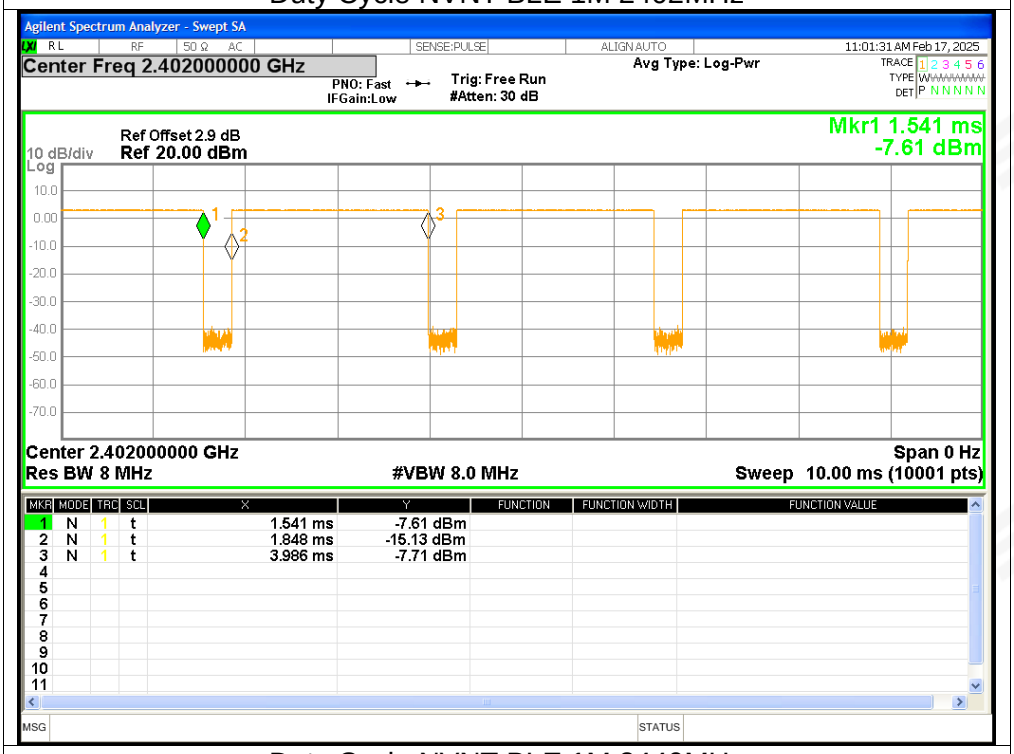
APPENDIX 1-TEST DATA

1. Duty Cycle

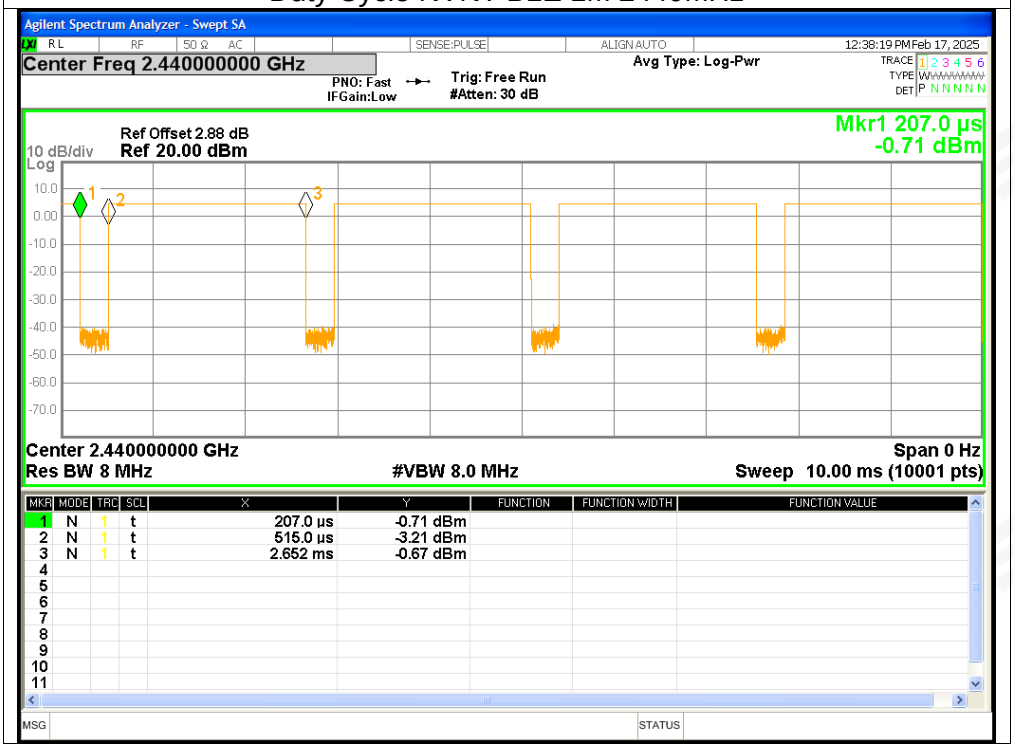
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	87.44	0.58	0.47
NVNT	BLE 1M	2440	87.4	0.58	0.47
NVNT	BLE 1M	2480	87.44	0.58	0.47
NVNT	BLE 2M	2402	77.77	1.09	0.93
NVNT	BLE 2M	2440	77.83	1.09	0.93
NVNT	BLE 2M	2480	77.9	1.08	0.92

Test Graphs

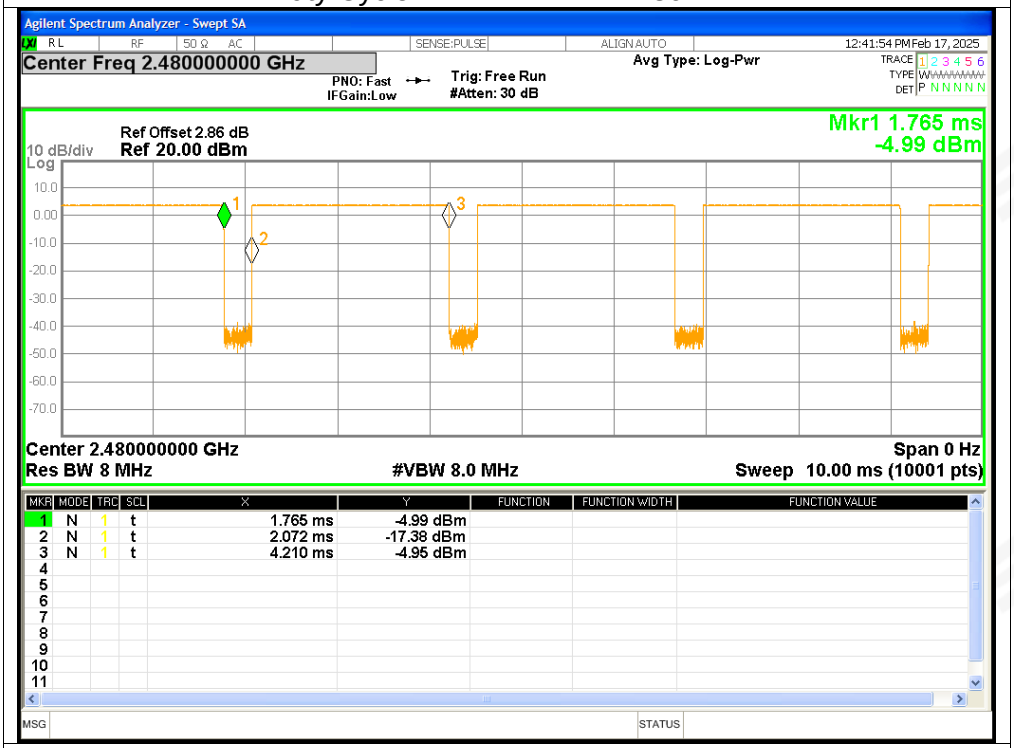
Duty Cycle NVNT BLE 1M 2402MHz



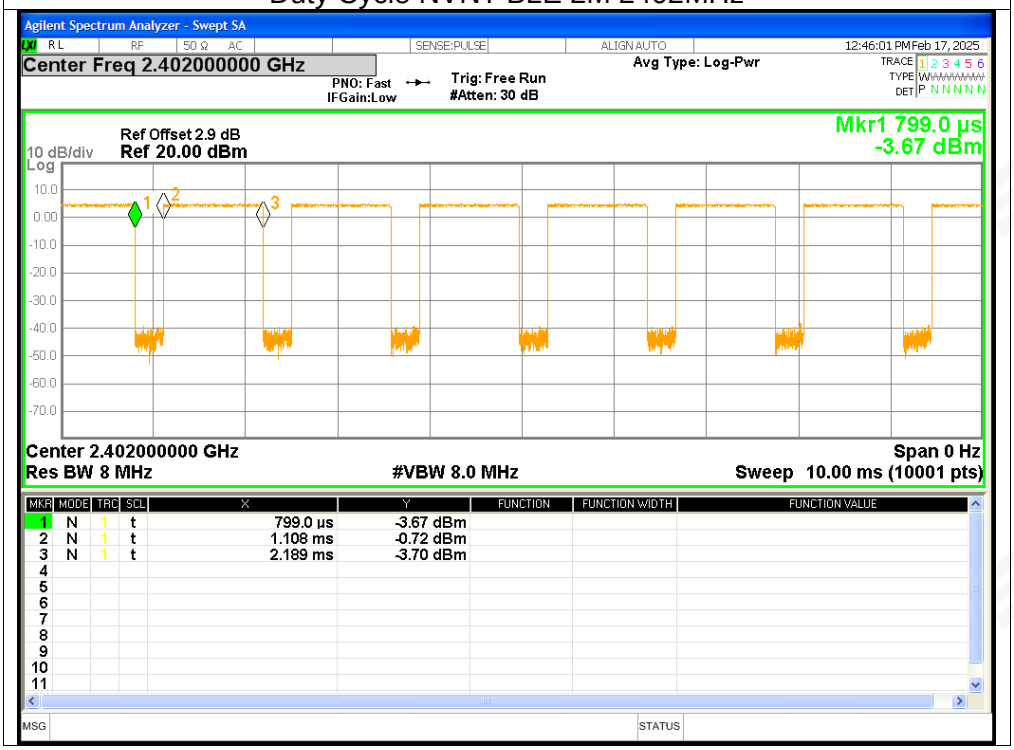
Duty Cycle NVNT BLE 1M 2440MHz



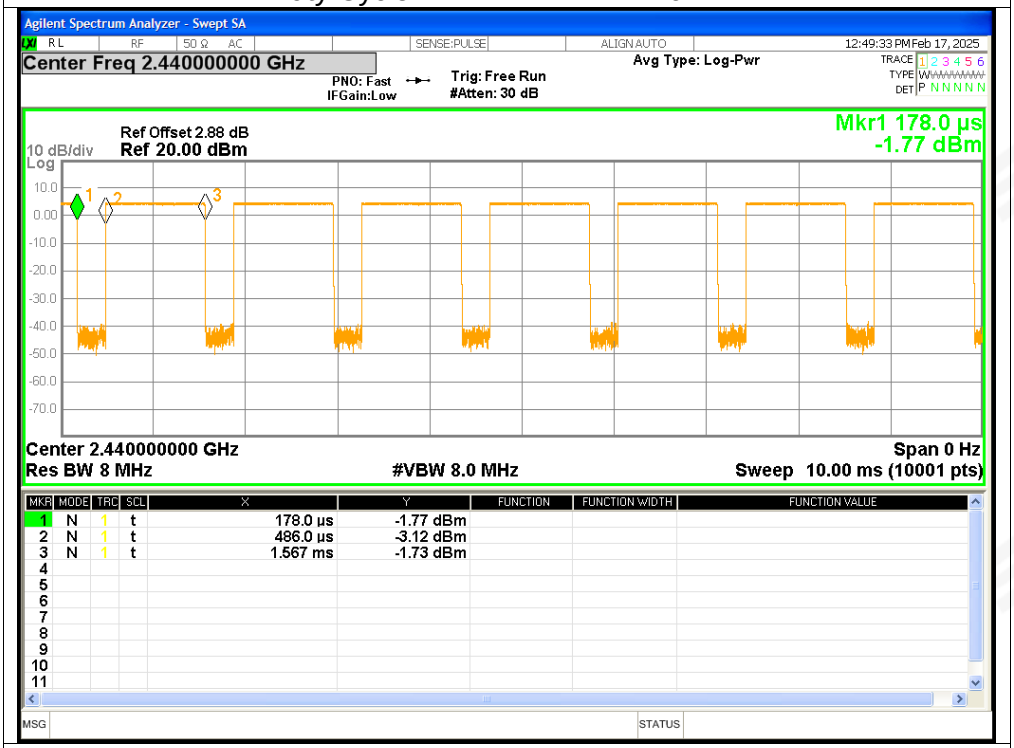
Duty Cycle NVNT BLE 1M 2480MHz



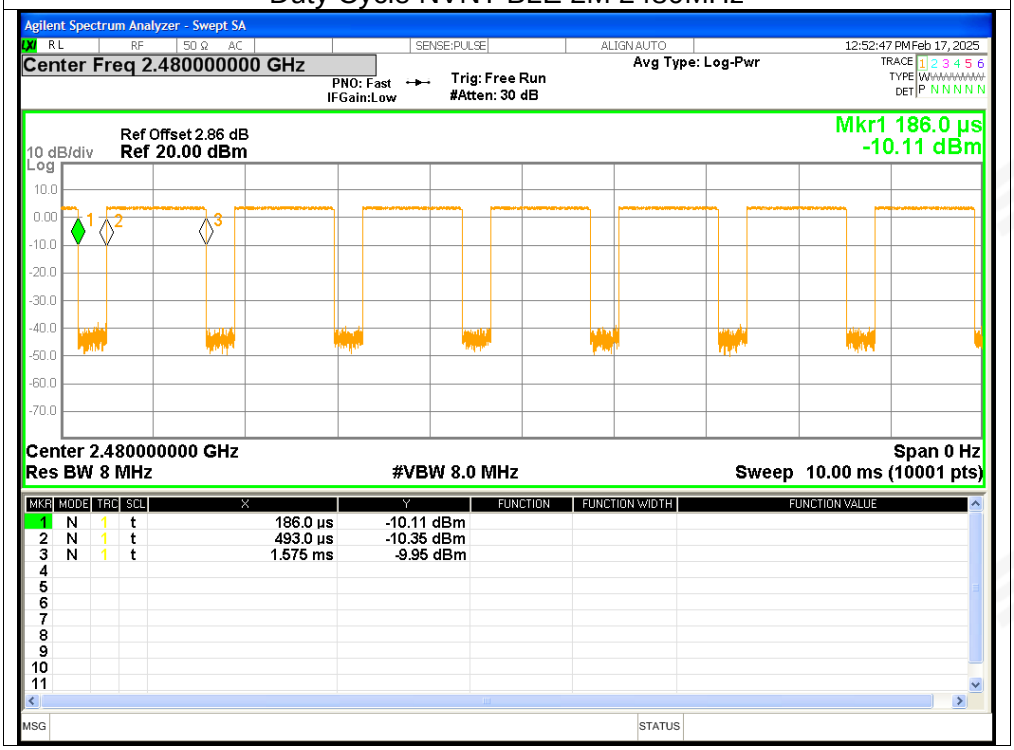
Duty Cycle NVNT BLE 2M 2402MHz



Duty Cycle NVNT BLE 2M 2440MHz



Duty Cycle NVNT BLE 2M 2480MHz

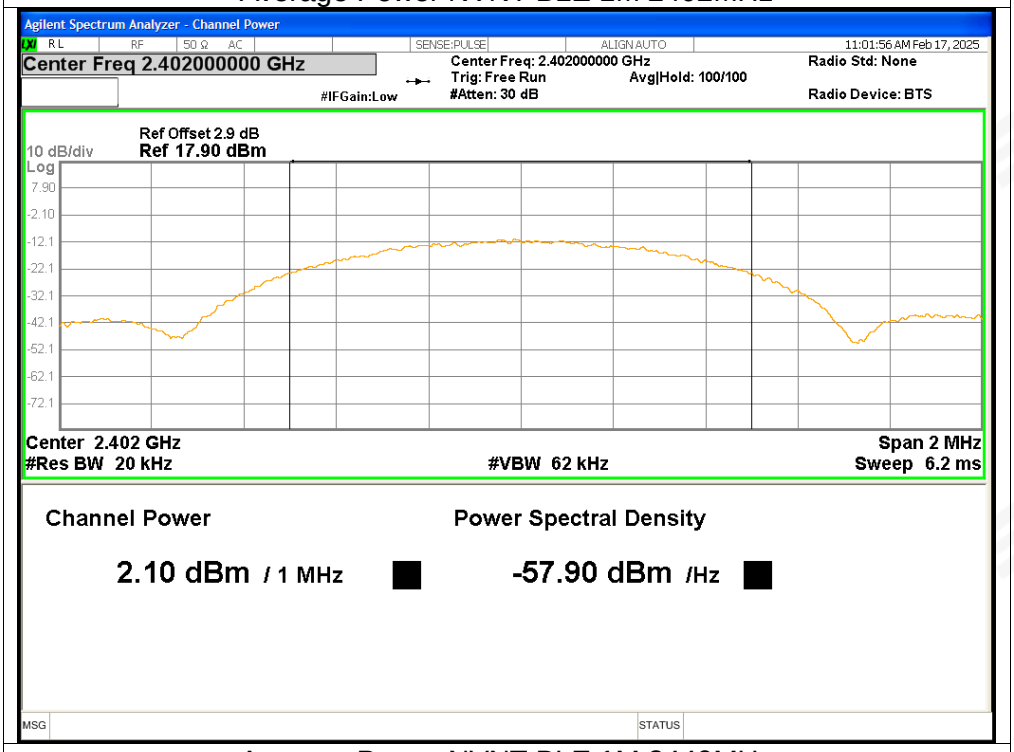


2. Maximum Average Conducted Output Power

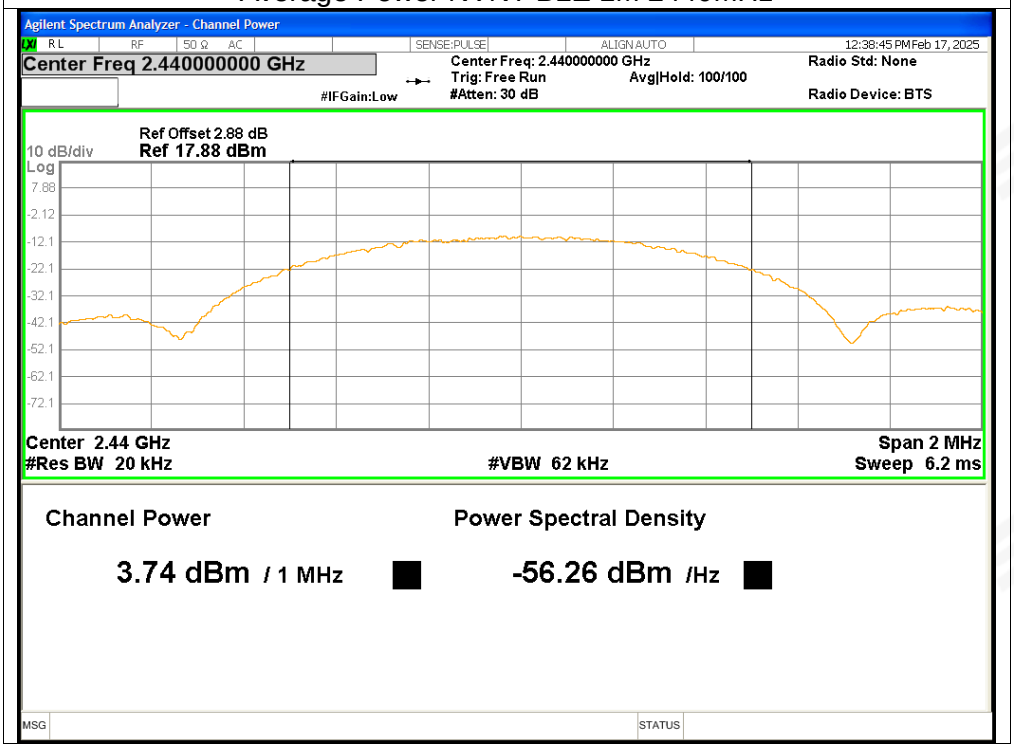
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	2.1	0.58	2.68	<=30	Pass
NVNT	BLE 1M	2440	3.74	0.58	4.32	<=30	Pass
NVNT	BLE 1M	2480	2.73	0.58	3.31	<=30	Pass
NVNT	BLE 2M	2402	3.12	1.09	4.21	<=30	Pass
NVNT	BLE 2M	2440	2.87	1.09	3.96	<=30	Pass
NVNT	BLE 2M	2480	1.88	1.08	2.96	<=30	Pass

Test Graphs

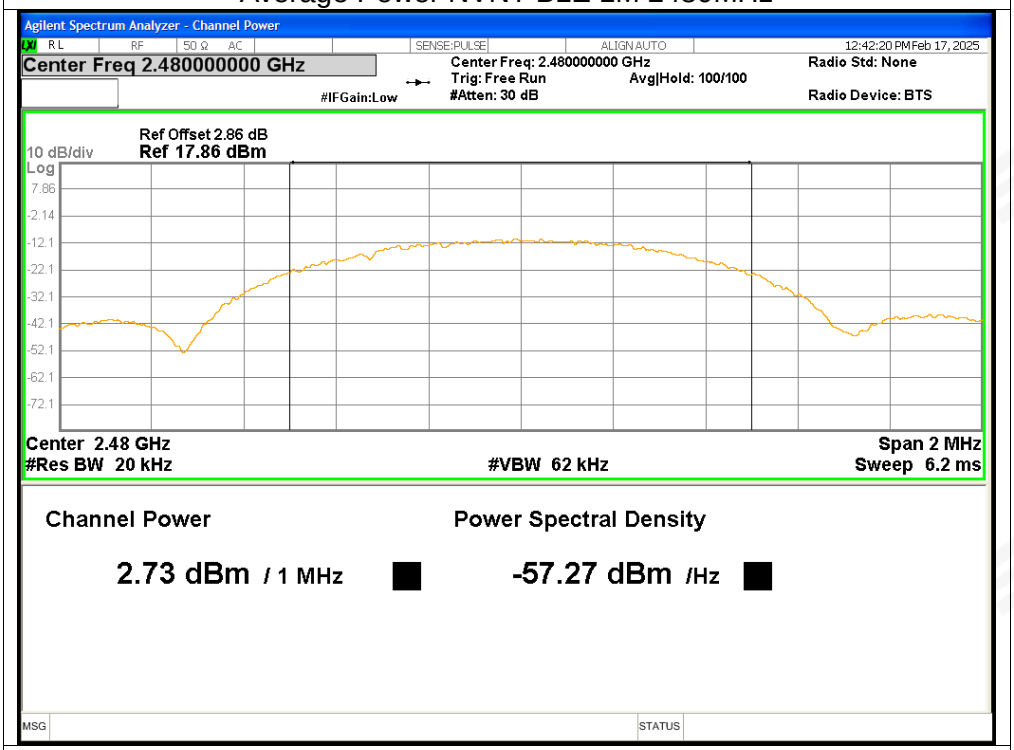
Average Power NVNT BLE 1M 2402MHz



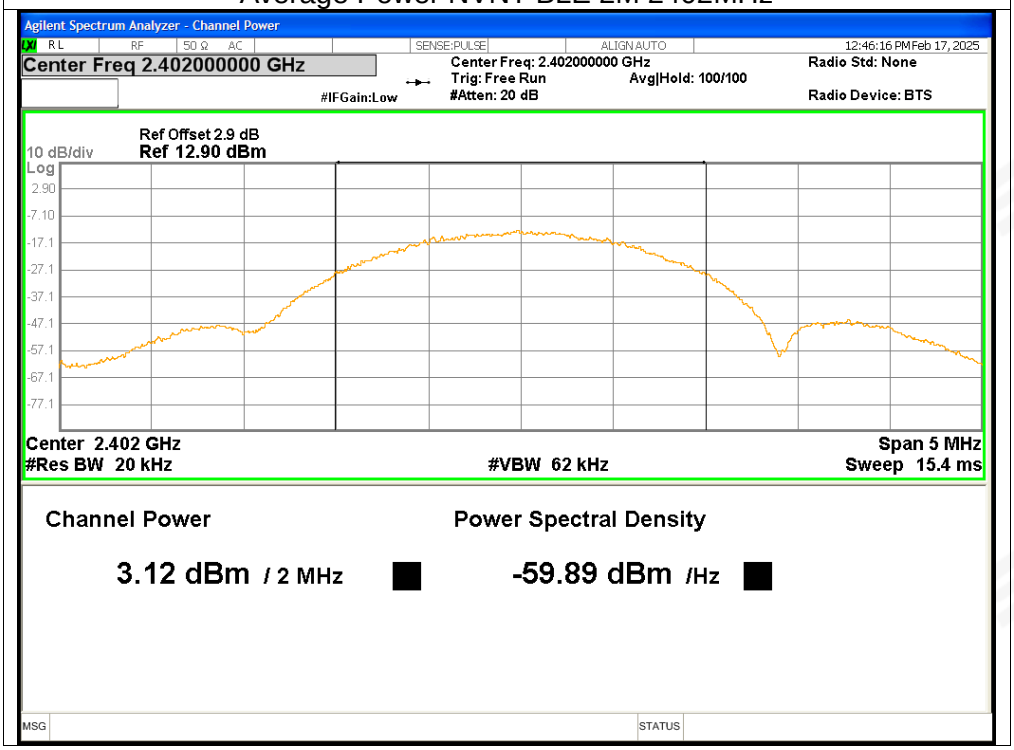
Average Power NVNT BLE 1M 2440MHz



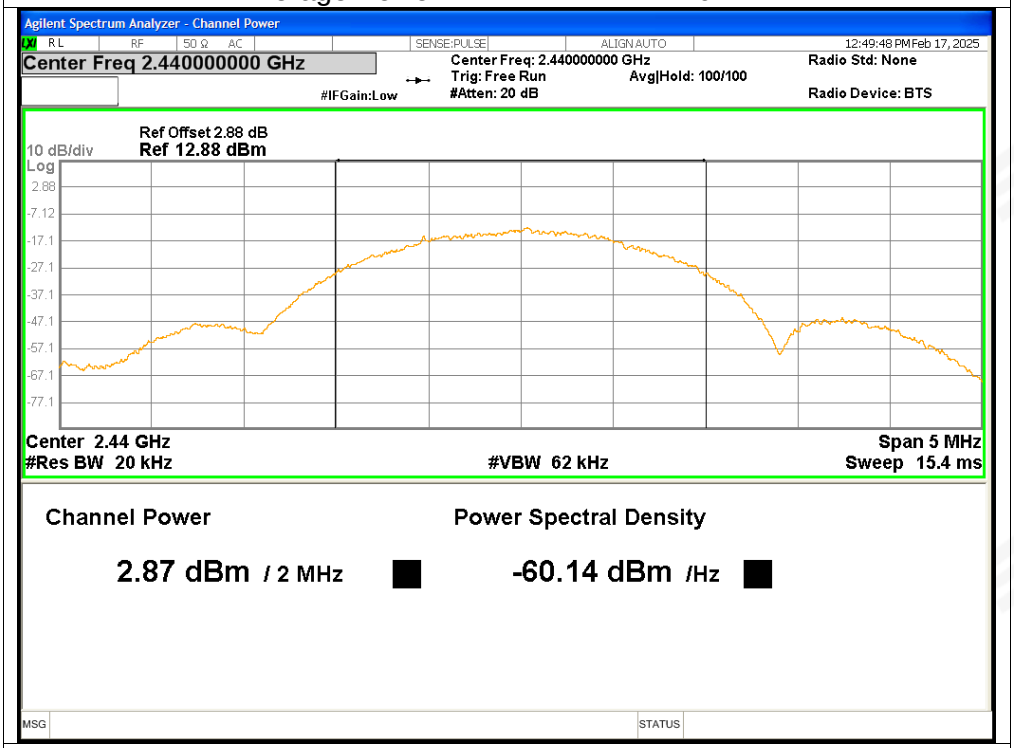
Average Power NVNT BLE 1M 2480MHz



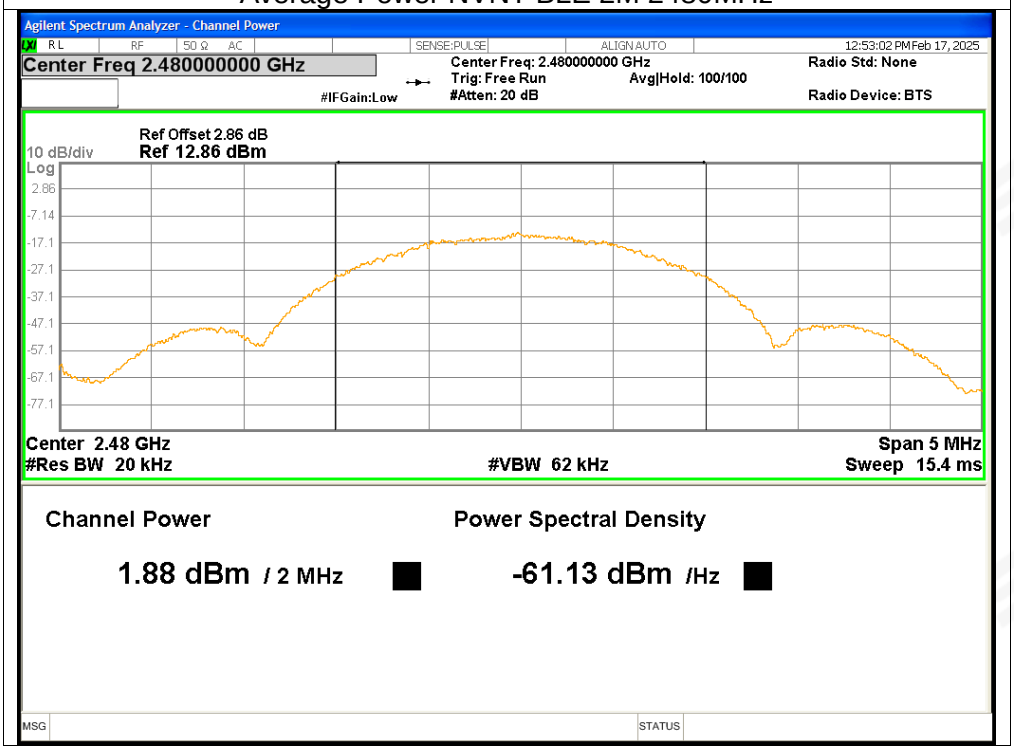
Average Power NVNT BLE 2M 2402MHz



Average Power NVNT BLE 2M 2440MHz



Average Power NVNT BLE 2M 2480MHz

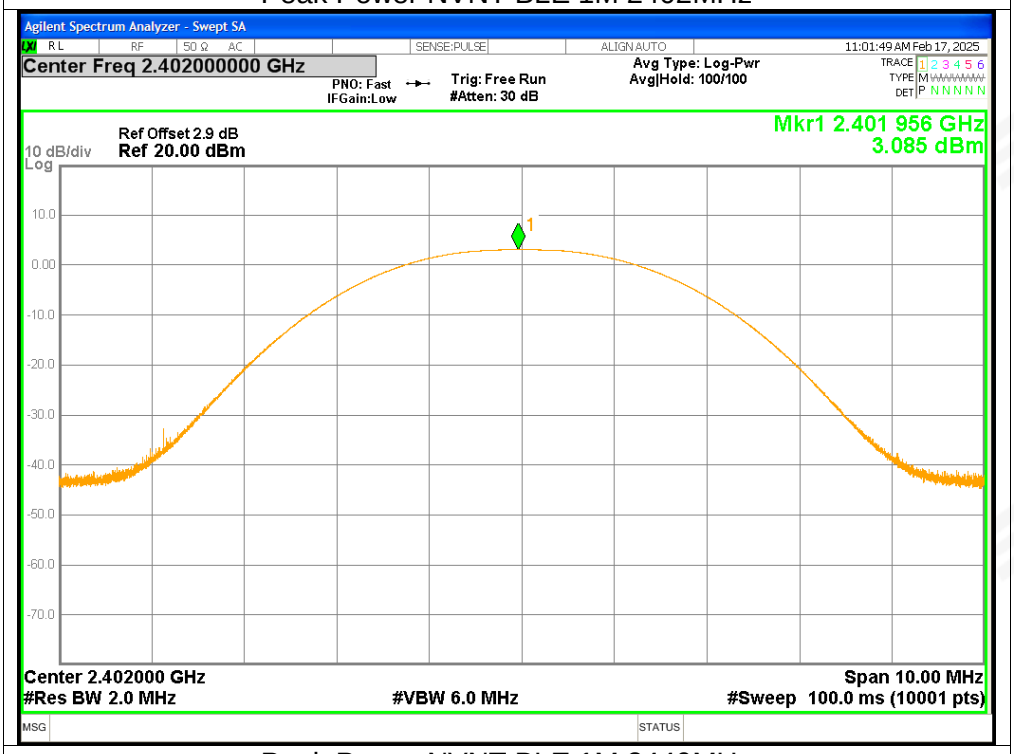


3. Maximum Peak Conducted Output Power

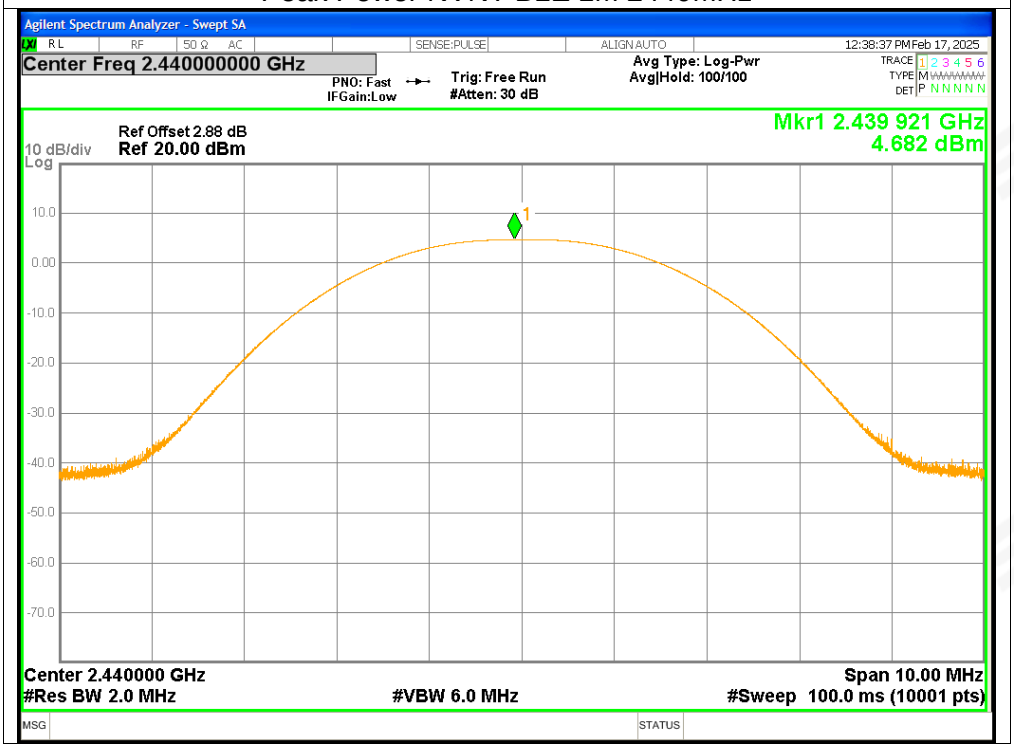
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	3.09	<=30	Pass
NVNT	BLE 1M	2440	4.68	<=30	Pass
NVNT	BLE 1M	2480	3.81	<=30	Pass
NVNT	BLE 2M	2402	4.64	<=30	Pass
NVNT	BLE 2M	2440	4.43	<=30	Pass
NVNT	BLE 2M	2480	3.64	<=30	Pass

Test Graphs

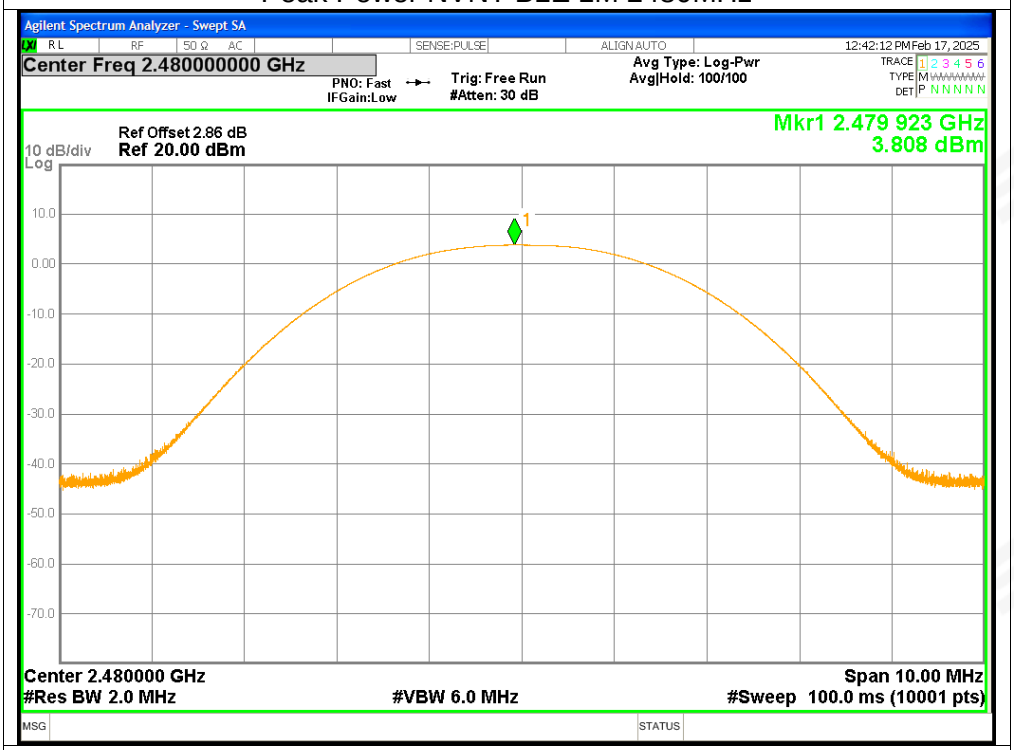
Peak Power NVNT BLE 1M 2402MHz



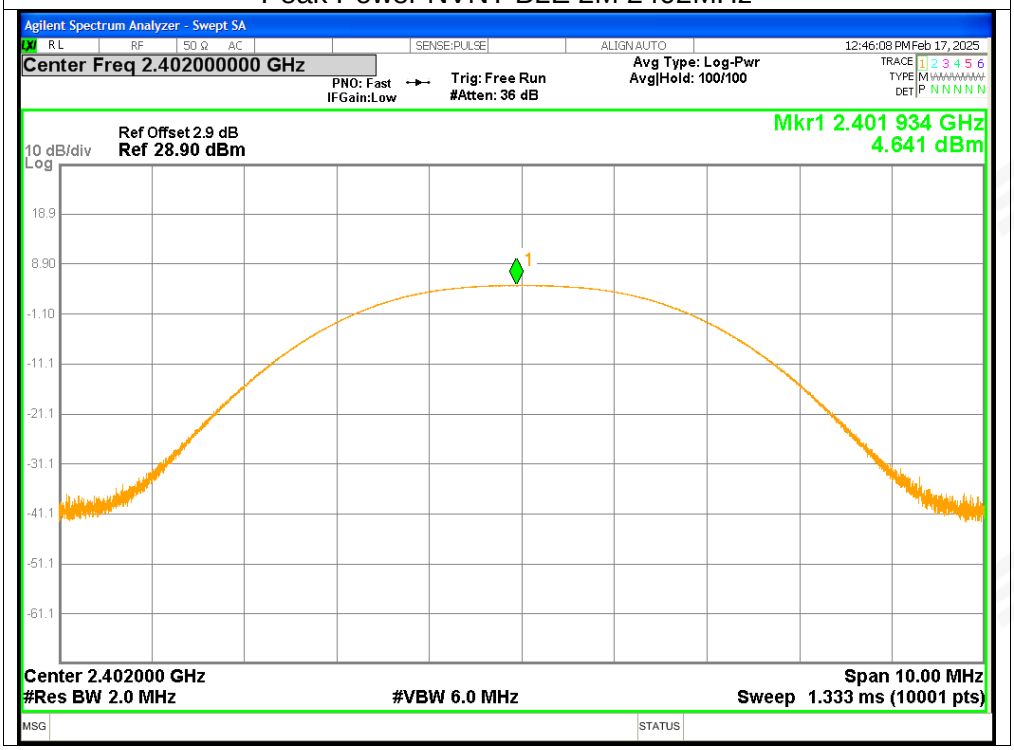
Peak Power NVNT BLE 1M 2440MHz



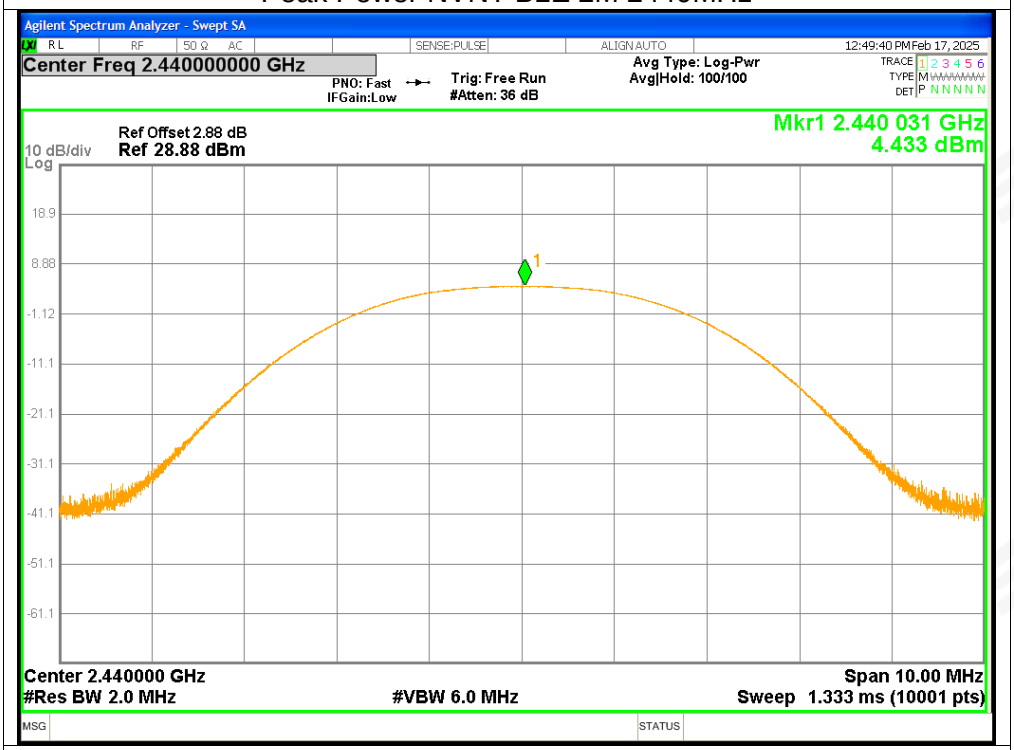
Peak Power NVNT BLE 1M 2480MHz



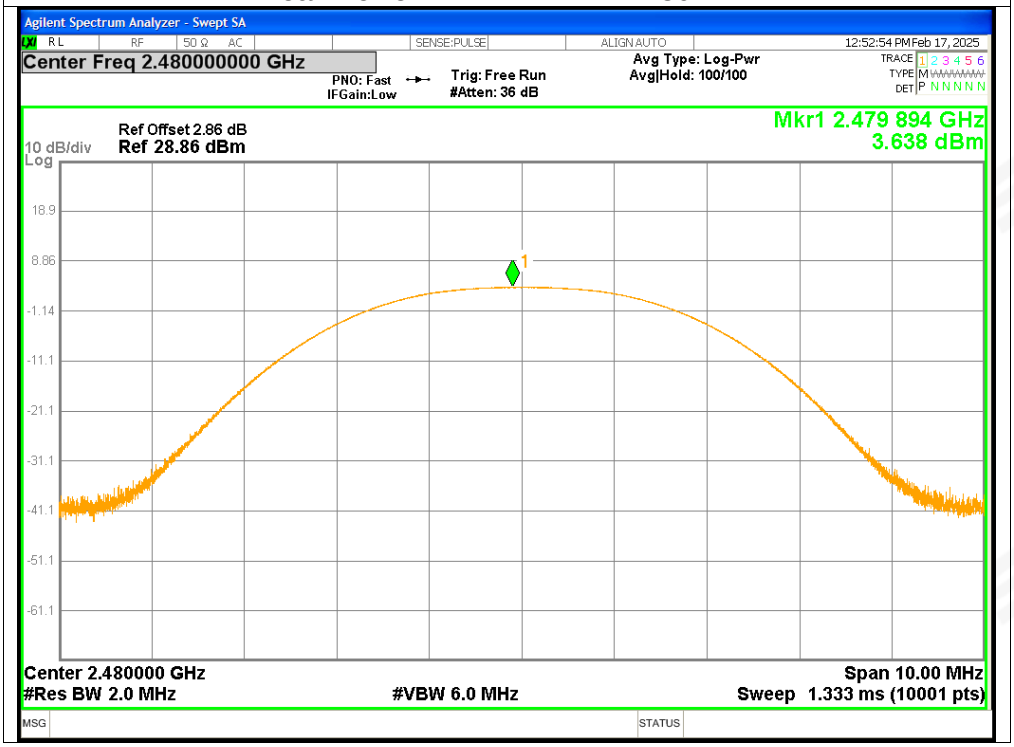
Peak Power NVNT BLE 2M 2402MHz



Peak Power NVNT BLE 2M 2440MHz



Peak Power NVNT BLE 2M 2480MHz



4. -6dB Bandwidth

Condition	Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	0.664	>=0.5	Pass
NVNT	BLE 1M	2440	0.6665	>=0.5	Pass
NVNT	BLE 1M	2480	0.7037	>=0.5	Pass
NVNT	BLE 2M	2402	1.1394	>=0.5	Pass
NVNT	BLE 2M	2440	1.1413	>=0.5	Pass
NVNT	BLE 2M	2480	1.1341	>=0.5	Pass