

RF Test Data for 2.4G WiFi (Conducted Measurements)

General Description of EUT	
Product Name:	Wireless Outdoor Cam
Test Model:	GW5 Pro
Sample ID:	HC-C-202512-0294-03-01#
Environmental Conditions	
Temperature:	25°C
Relative Humidity:	55%
Test Voltage:	DC 5V
Test Engineer:	Lily Zhang
Note: For a more detailed features description, please refer to the report TBR-C-202512-0294-9 The report only show the worst case data.	

Contents

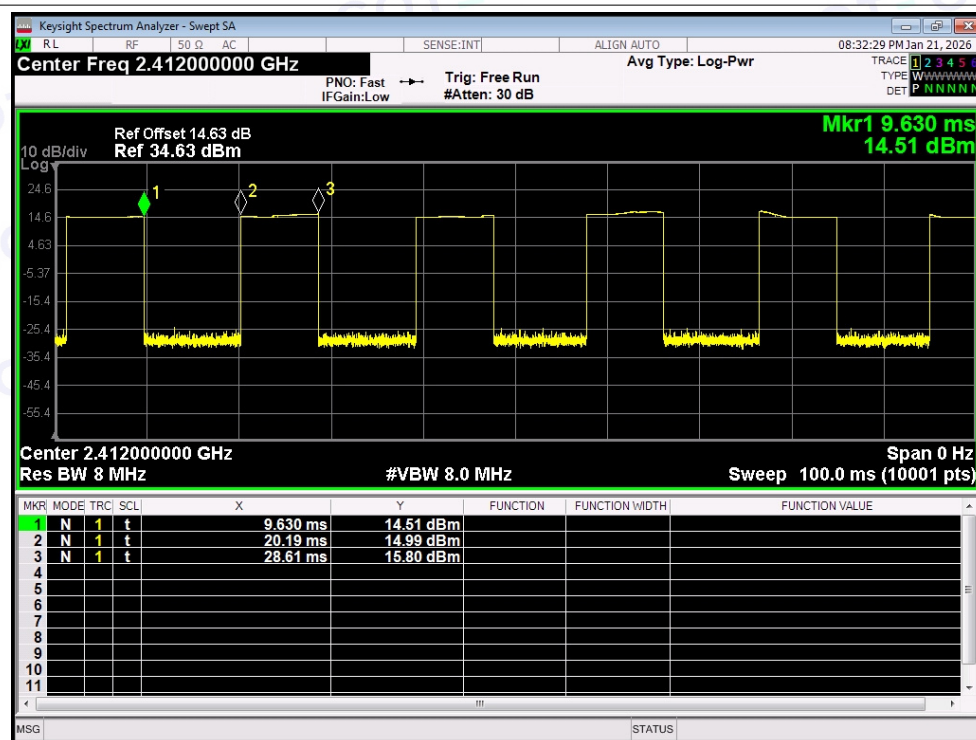
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1.Duty Cycle

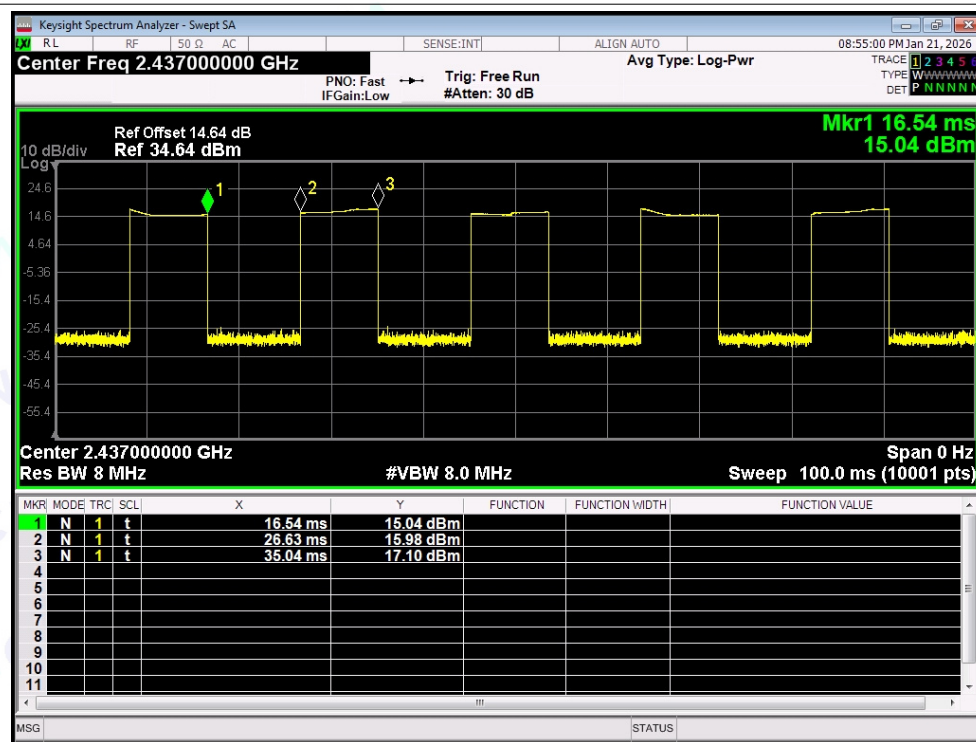
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	44.36	3.53	0.12
NVNT	b	2437	Ant1	45.46	3.42	0.12
NVNT	b	2462	Ant1	45.49	3.42	0.12
NVNT	g	2412	Ant1	12.11	9.17	0.72
NVNT	g	2437	Ant1	11.95	9.23	0.71
NVNT	g	2462	Ant1	12.17	9.15	0.71
NVNT	n(HT20)	2412	Ant1	33.12	4.8	0.2
NVNT	n(HT20)	2437	Ant1	33.09	4.8	0.2
NVNT	n(HT20)	2462	Ant1	33.12	4.8	0.2
NVNT	n(HT40)	2422	Ant1	32.26	4.91	0.2
NVNT	n(HT40)	2437	Ant1	32.28	4.91	0.2
NVNT	n(HT40)	2452	Ant1	32.28	4.91	0.2

Test Graphs

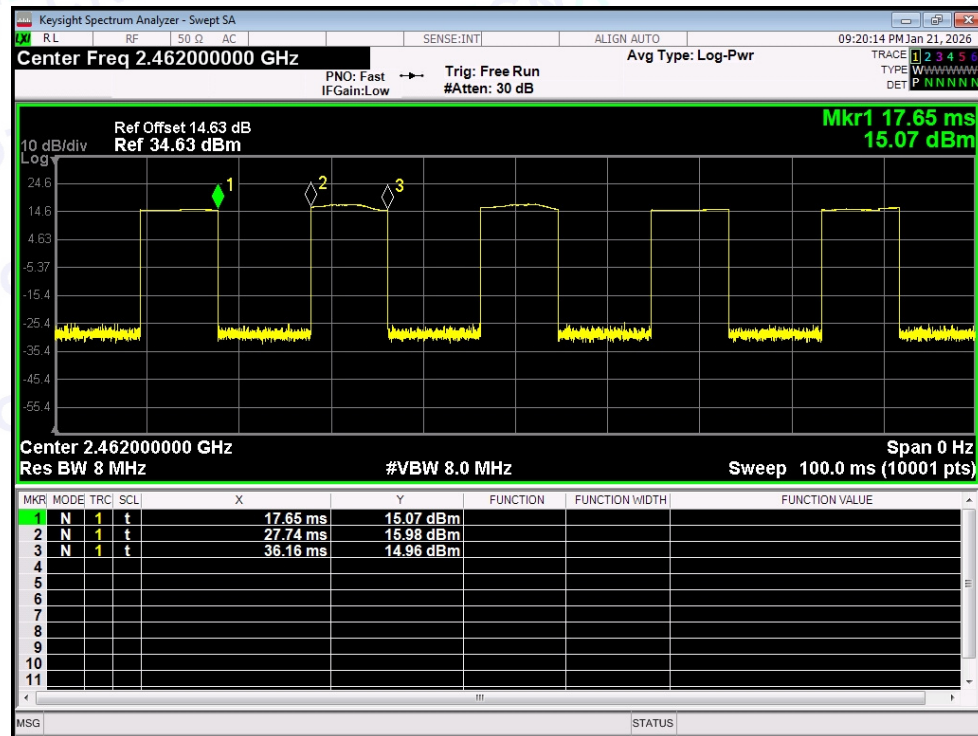
Duty Cycle NVNT b 2412MHz Ant1



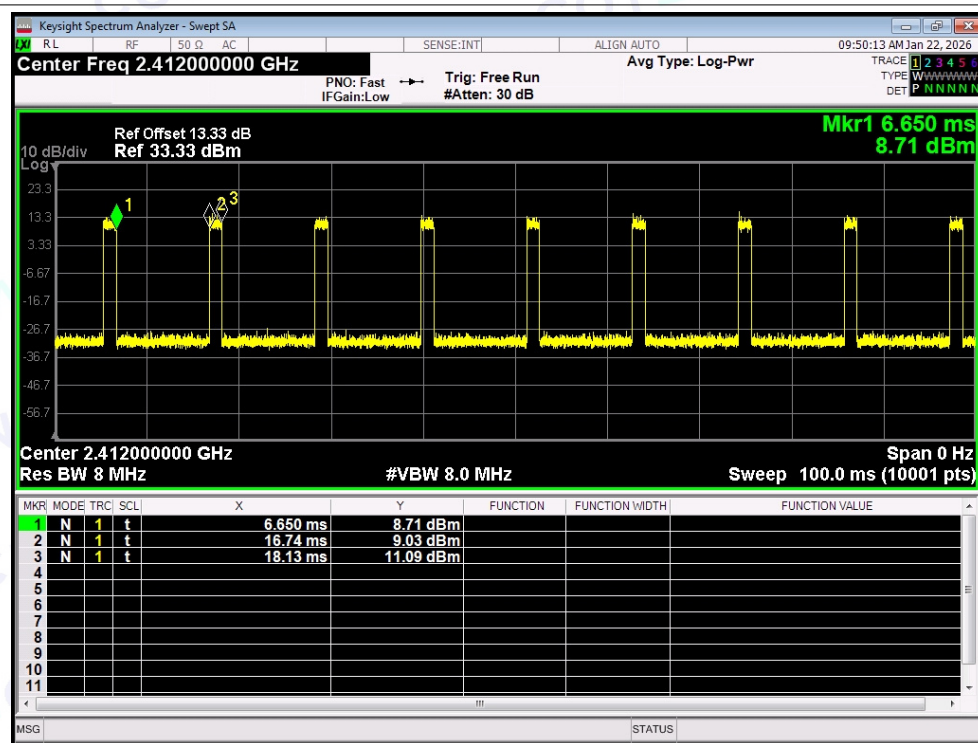
Duty Cycle NVNT b 2437MHz Ant1



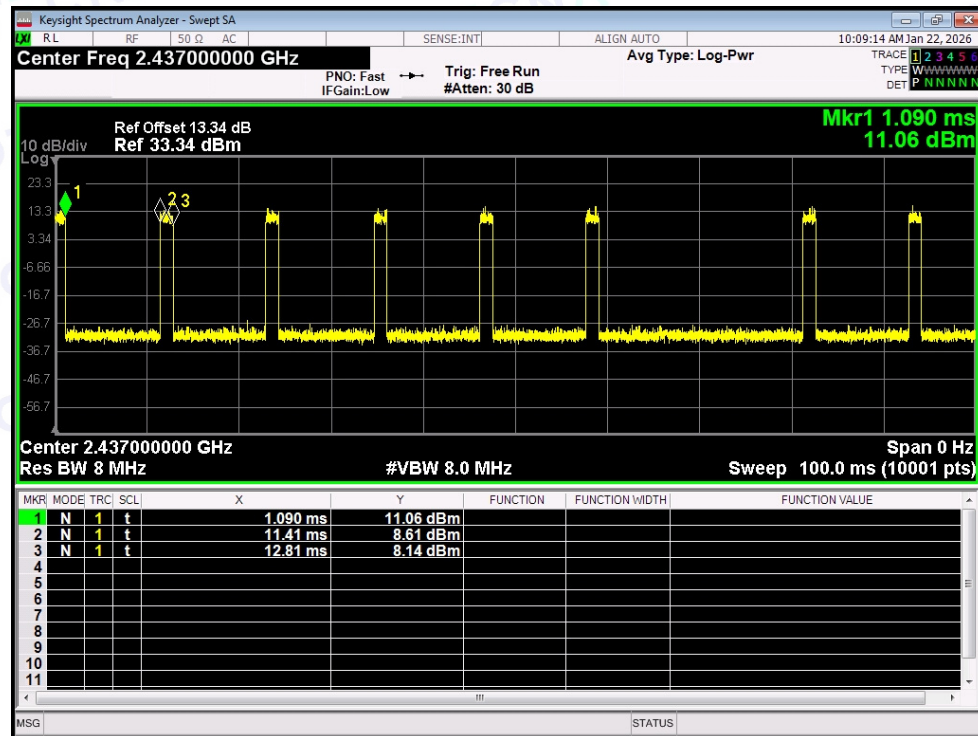
Duty Cycle NVNT b 2462MHz Ant1



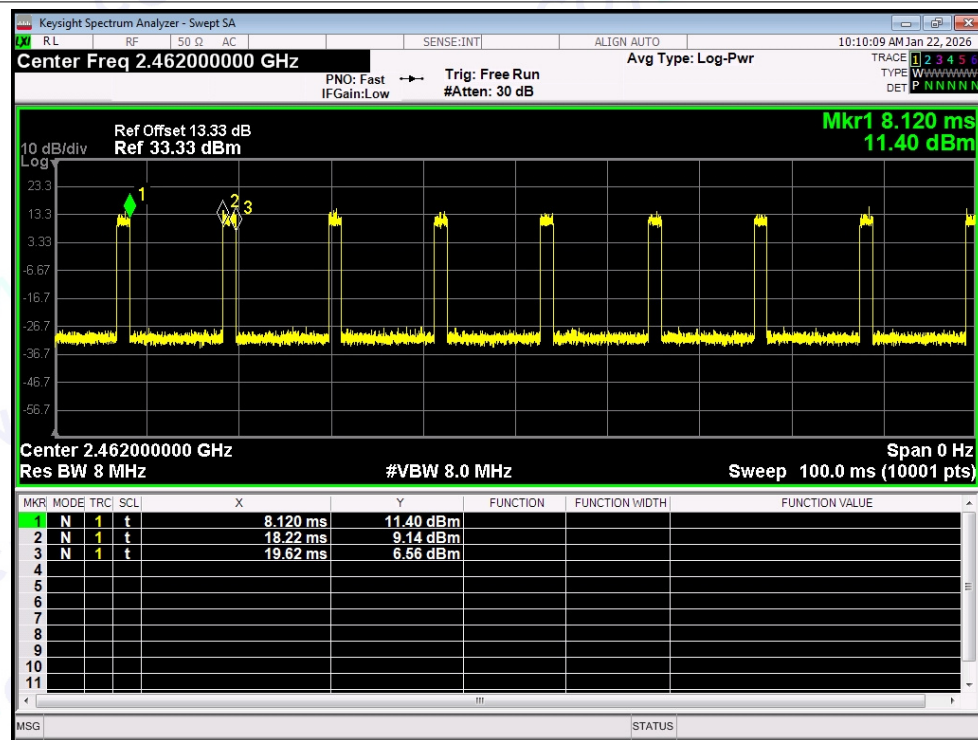
Duty Cycle NVNT g 2412MHz Ant1



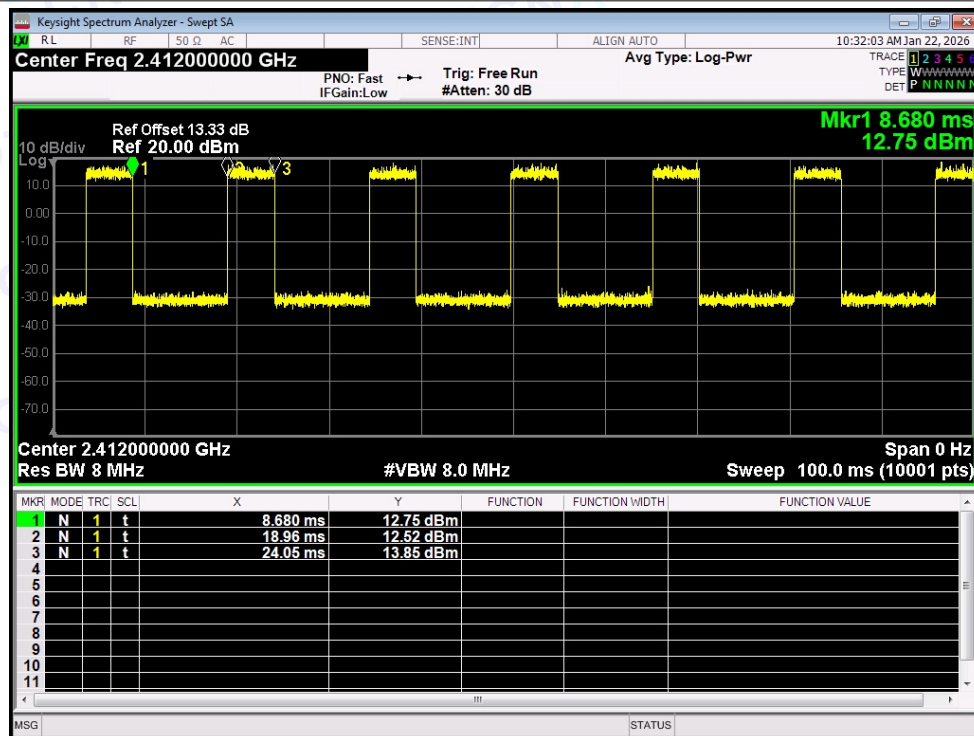
Duty Cycle NVNT g 2437MHz Ant1



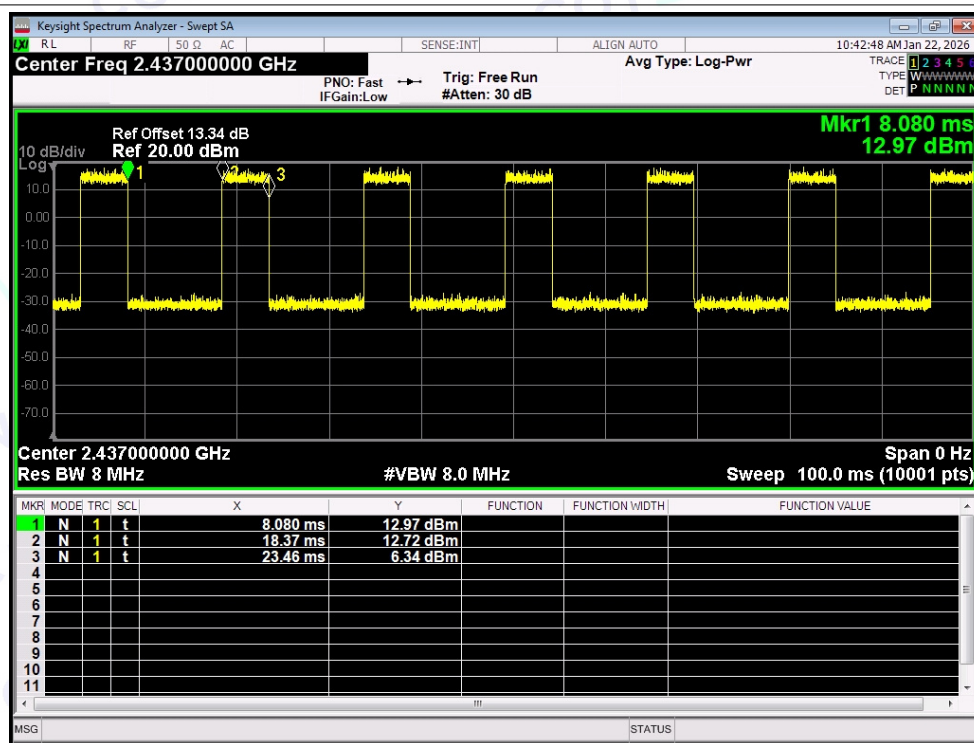
Duty Cycle NVNT g 2462MHz Ant1



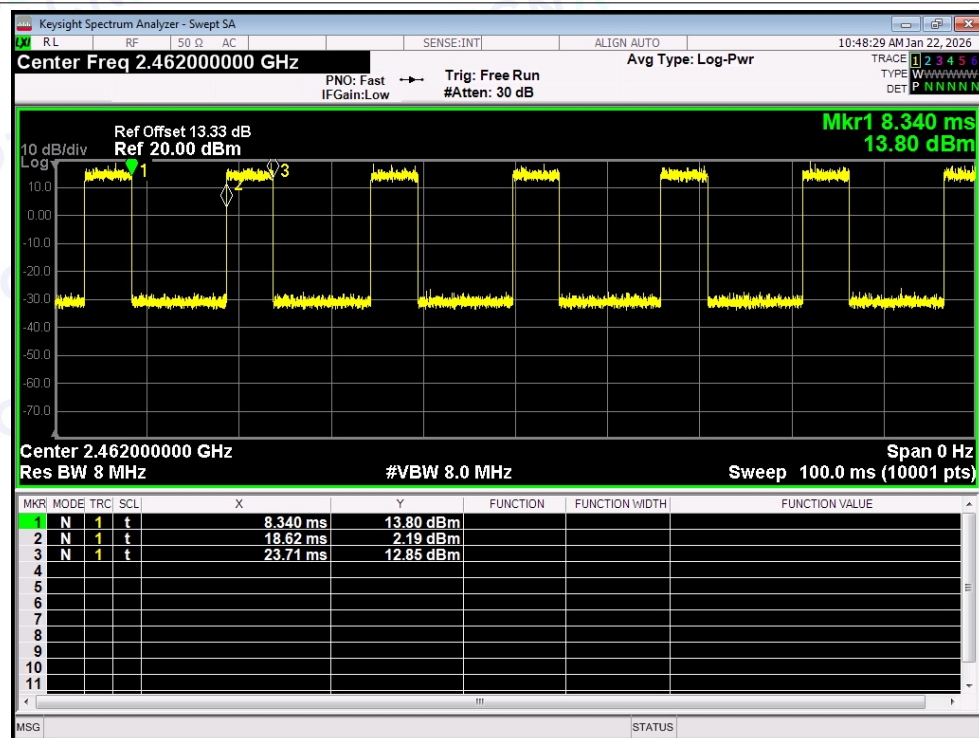
Duty Cycle NVNT n(HT20) 2412MHz Ant1



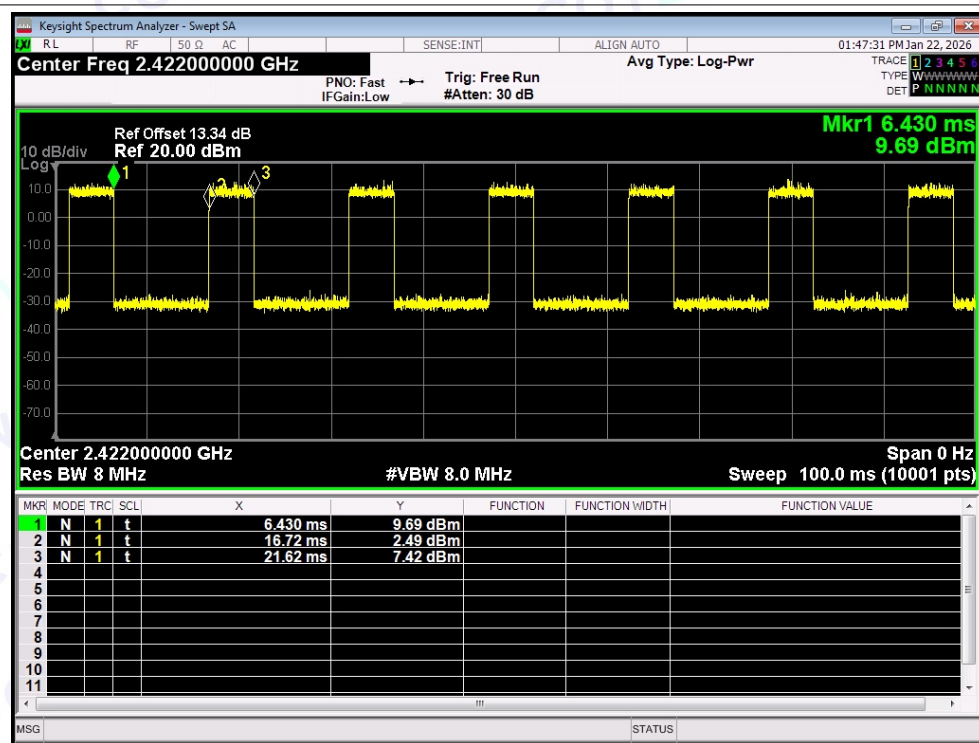
Duty Cycle NVNT n(HT20) 2437MHz Ant1



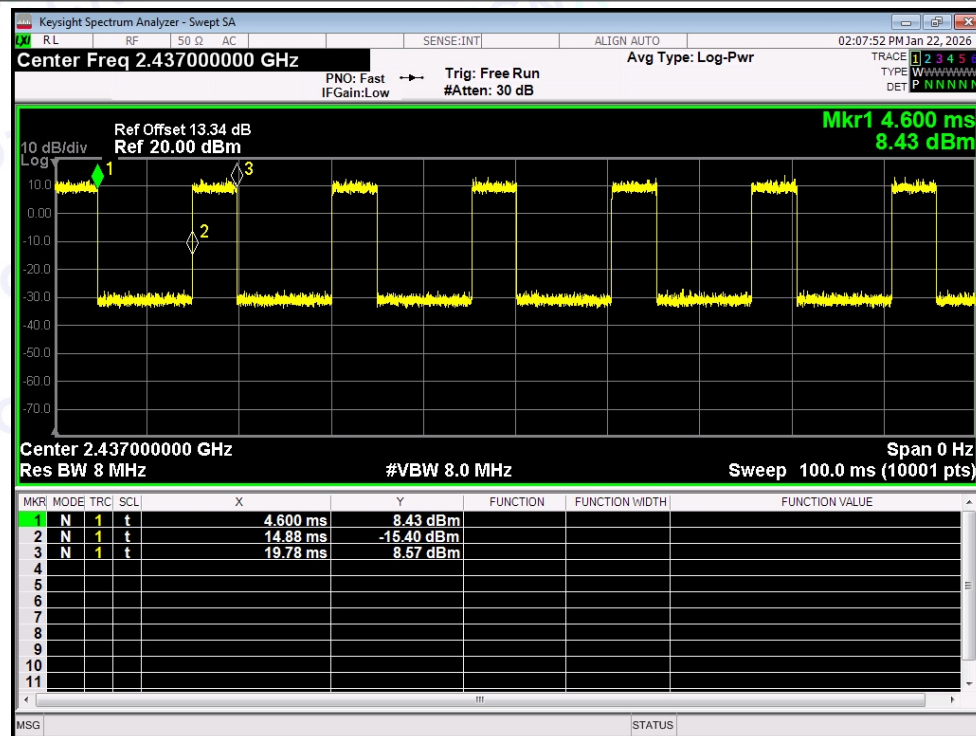
Duty Cycle NVNT n(HT20) 2462MHz Ant1



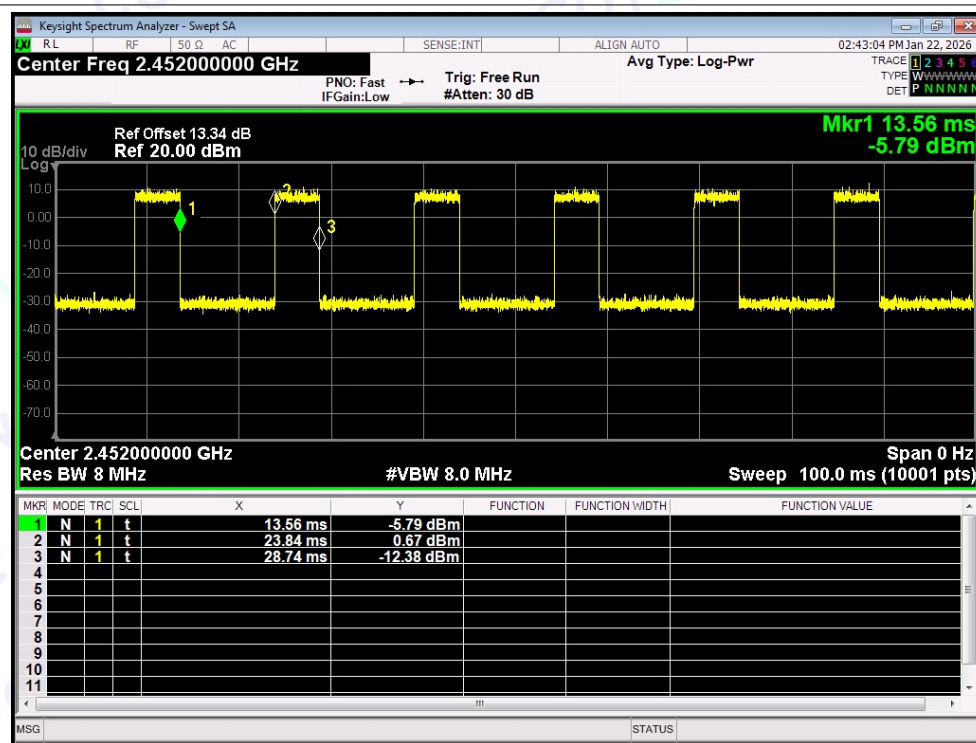
Duty Cycle NVNT n(HT40) 2422MHz Ant1



Duty Cycle NVNT n(HT40) 2437MHz Ant1



Duty Cycle NVNT n(HT40) 2452MHz Ant1



2.Maximum Conducted Output Power

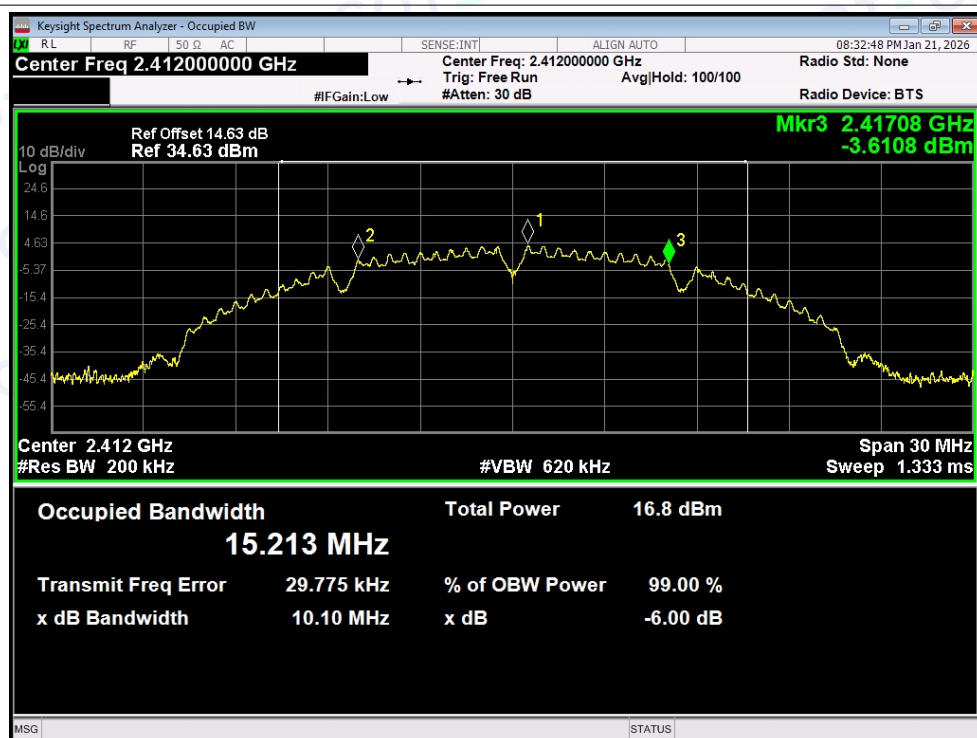
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	15.74	30	Pass
NVNT	b	2437	Ant1	15.92	30	Pass
NVNT	b	2462	Ant1	15.67	30	Pass
NVNT	g	2412	Ant1	16.03	30	Pass
NVNT	g	2437	Ant1	15.22	30	Pass
NVNT	g	2462	Ant1	15.85	30	Pass
NVNT	n(HT20)	2412	Ant1	14.96	30	Pass
NVNT	n(HT20)	2437	Ant1	14.87	30	Pass
NVNT	n(HT20)	2462	Ant1	15.01	30	Pass
NVNT	n(HT40)	2422	Ant1	13.06	30	Pass
NVNT	n(HT40)	2437	Ant1	13.02	30	Pass
NVNT	n(HT40)	2452	Ant1	11.12	30	Pass

3.-6dB Bandwidth

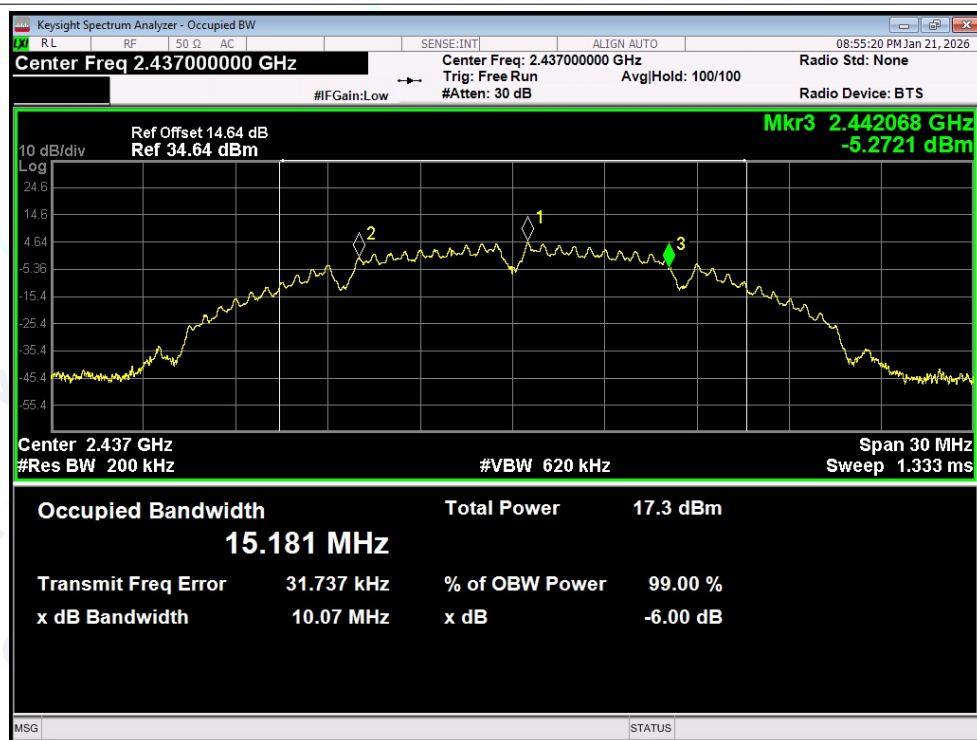
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	10.1	0.5	Pass
NVNT	b	2437	Ant1	10.07	0.5	Pass
NVNT	b	2462	Ant1	10.12	0.5	Pass
NVNT	g	2412	Ant1	16.3	0.5	Pass
NVNT	g	2437	Ant1	16.35	0.5	Pass
NVNT	g	2462	Ant1	15.84	0.5	Pass
NVNT	n(HT20)	2412	Ant1	16.92	0.5	Pass
NVNT	n(HT20)	2437	Ant1	17.55	0.5	Pass
NVNT	n(HT20)	2462	Ant1	17.29	0.5	Pass
NVNT	n(HT40)	2422	Ant1	35.93	0.5	Pass
NVNT	n(HT40)	2437	Ant1	35.94	0.5	Pass
NVNT	n(HT40)	2452	Ant1	36.21	0.5	Pass

Test Graphs

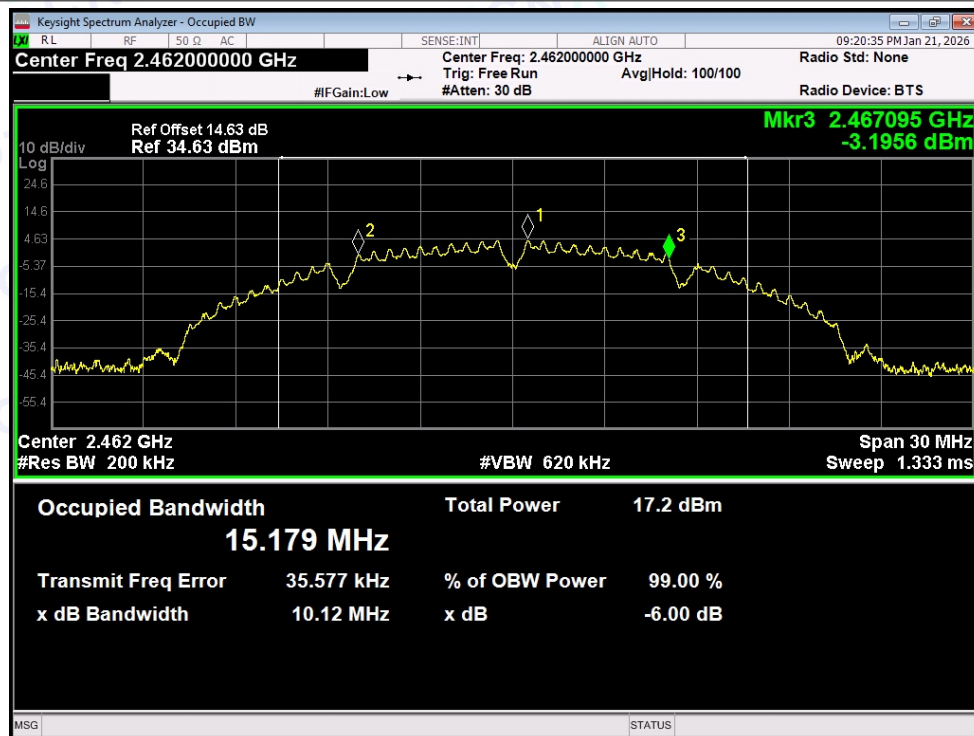
-6dB Bandwidth NVNT b 2412MHz Ant1



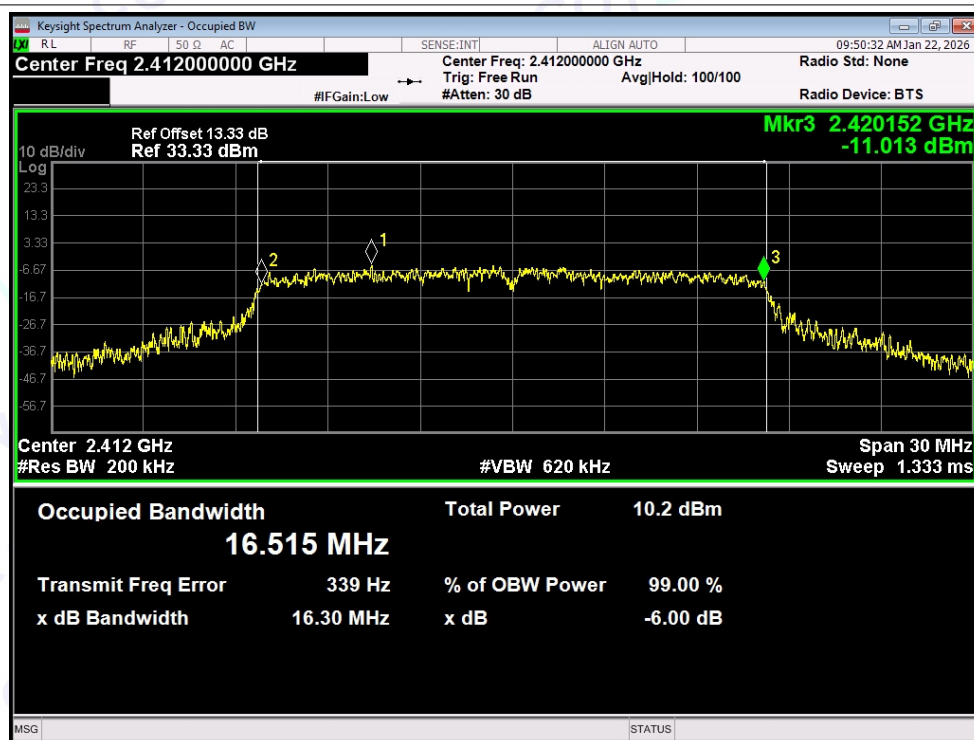
-6dB Bandwidth NVNT b 2437MHz Ant1



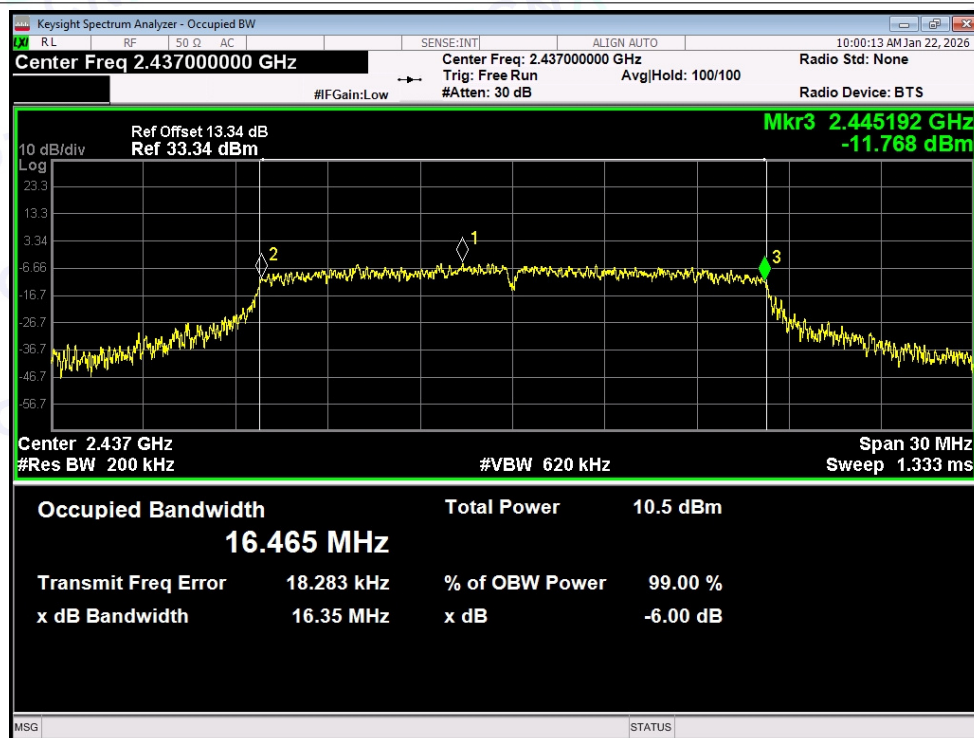
-6dB Bandwidth NVNT b 2462MHz Ant1



-6dB Bandwidth NVNT g 2412MHz Ant1



-6dB Bandwidth NVNT g 2437MHz Ant1



-6dB Bandwidth NVNT g 2462MHz Ant1

