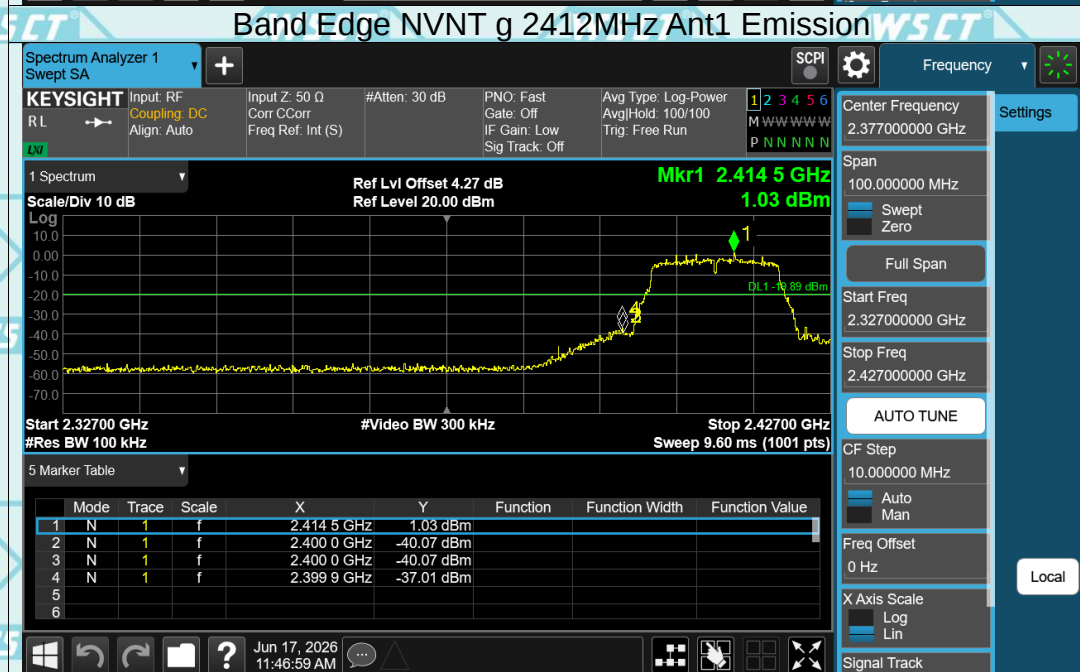
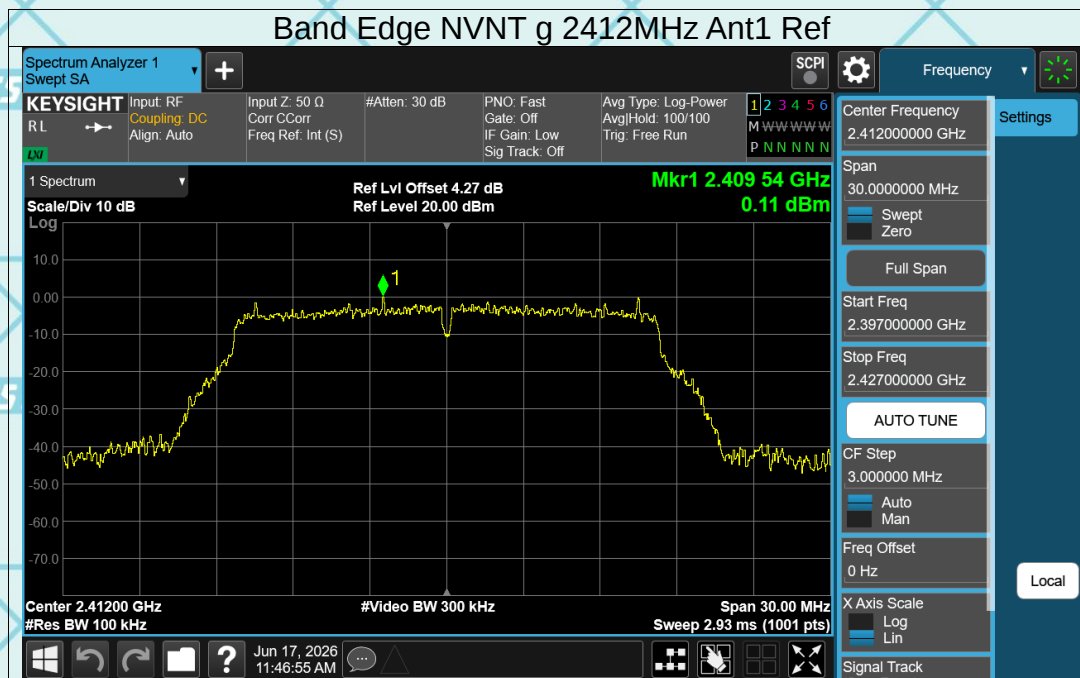
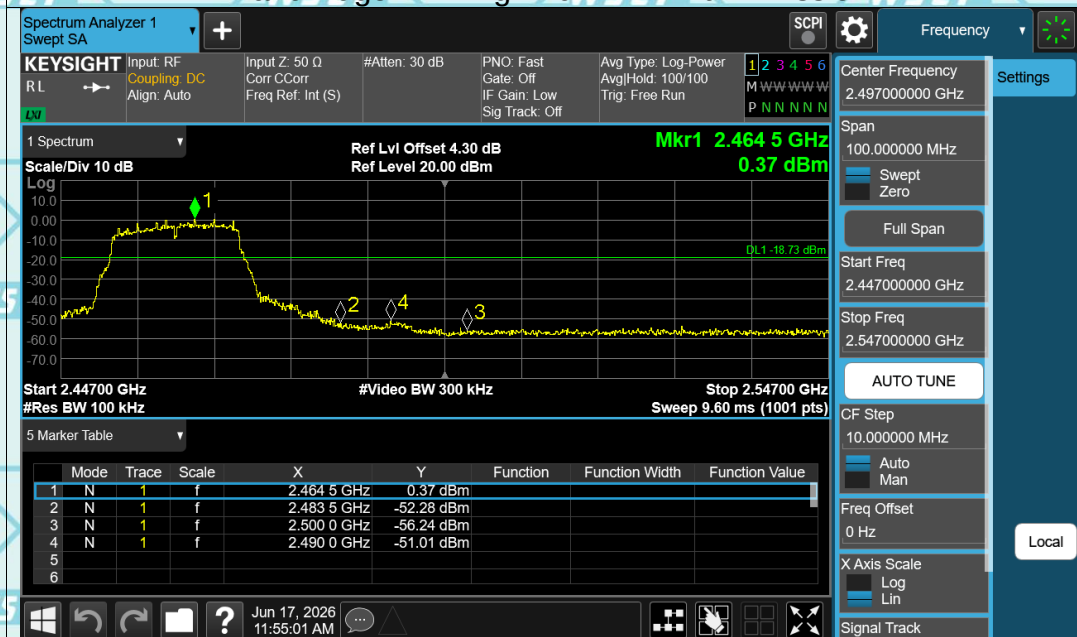




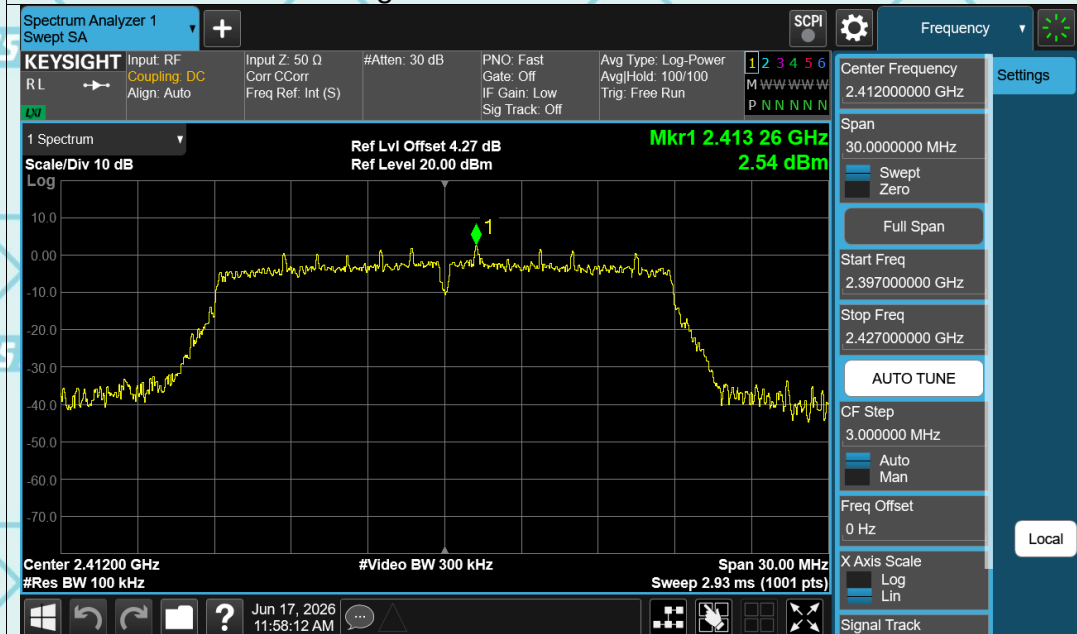
Band Edge NVNT g 2462MHz Ant1 Ref



Band Edge NVNT g 2462MHz Ant1 Emission



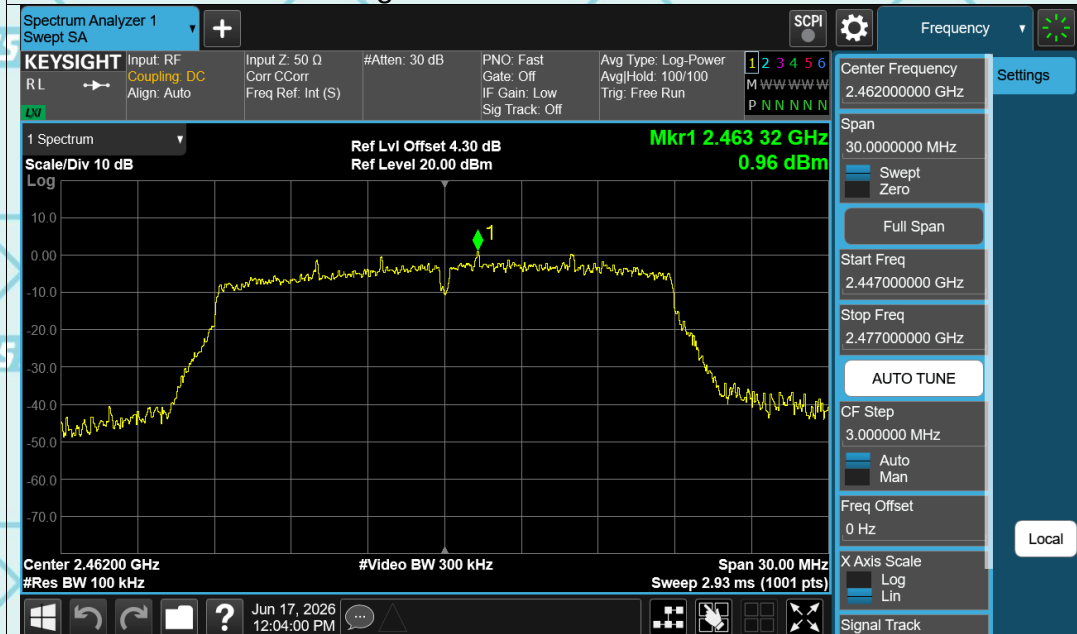
Band Edge NVNT n20 2412MHz Ant1 Ref



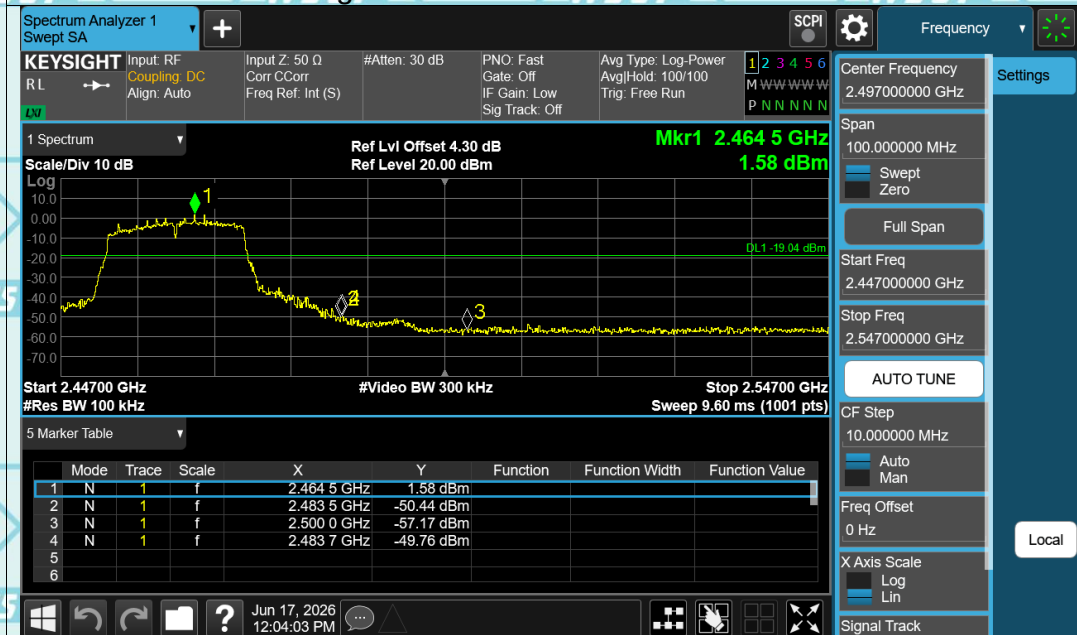
Band Edge NVNT n20 2412MHz Ant1 Emission



Band Edge NVNT n20 2462MHz Ant1 Ref



Band Edge NVNT n20 2462MHz Ant1 Emission



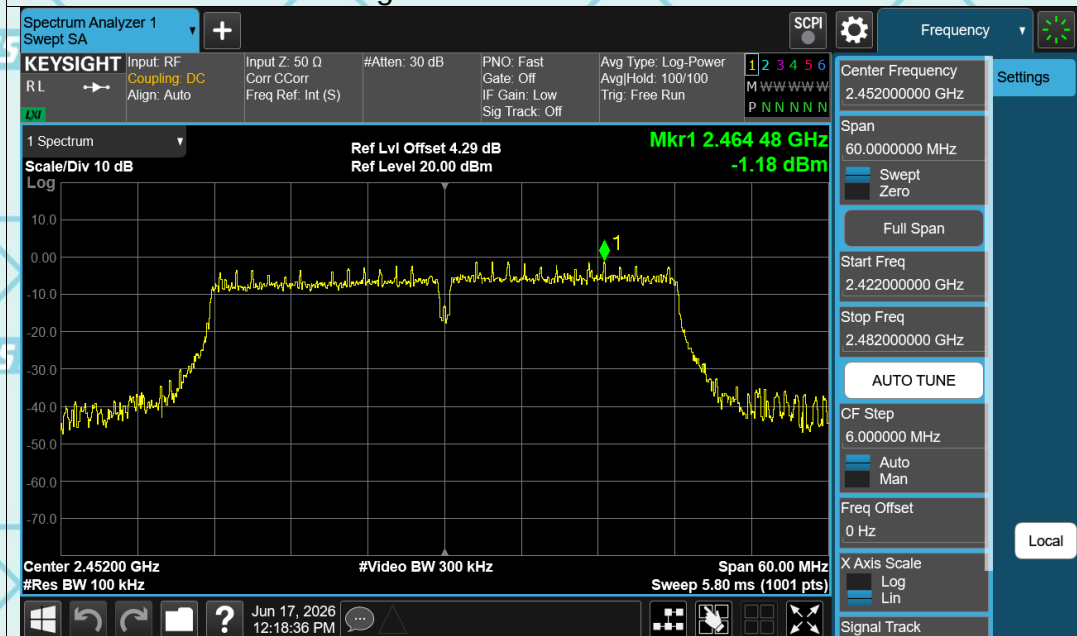
Band Edge NVNT n40 2422MHz Ant1 Ref



Band Edge NVNT n40 2422MHz Ant1 Emission



Band Edge NVNT n40 2452MHz Ant1 Ref



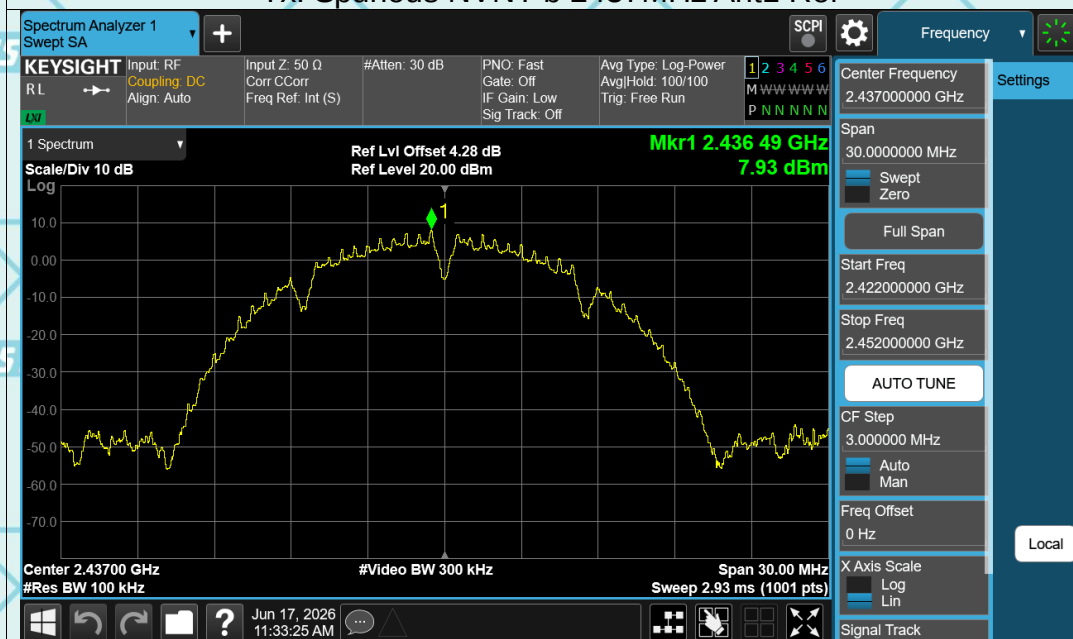
Band Edge NVNT n40 2452MHz Ant1 Emission



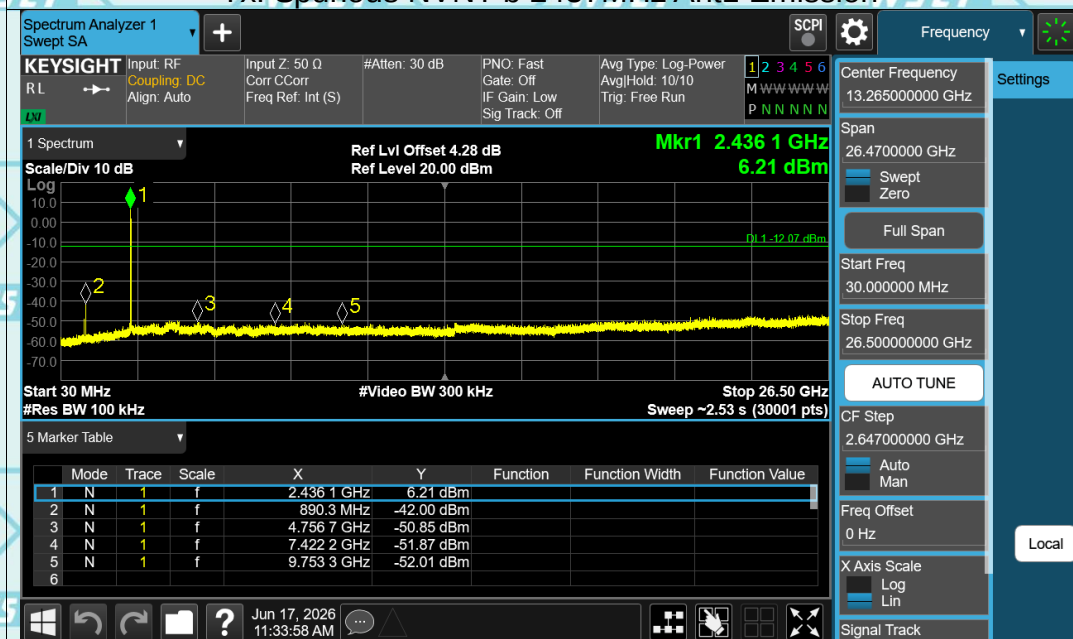
Conducted RF Spurious Emission



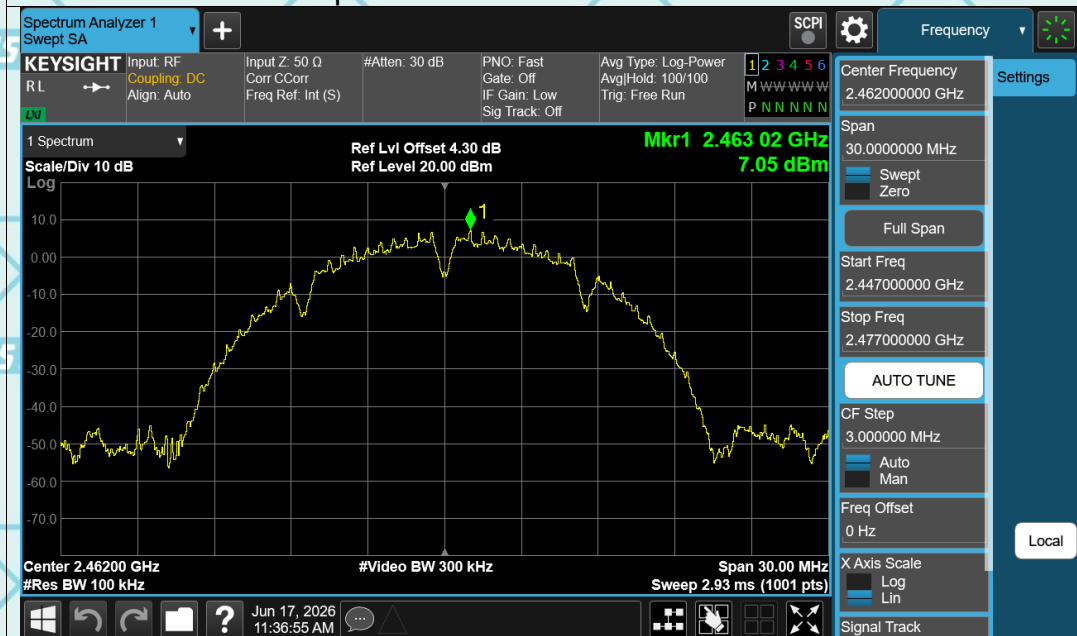
Tx. Spurious NVNT b 2437MHz Ant1 Ref



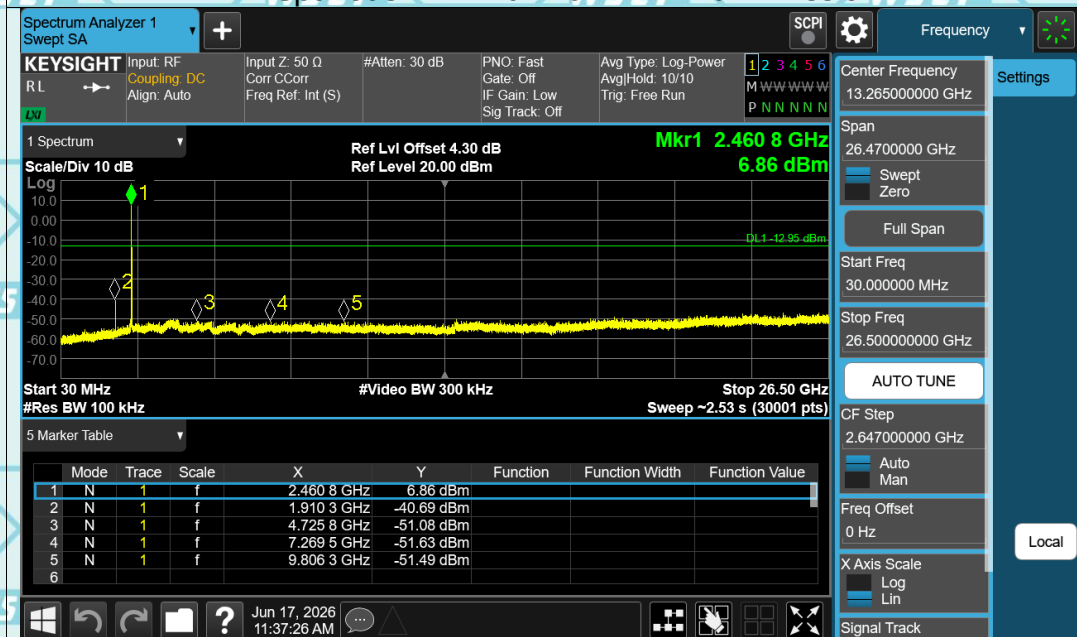
Tx. Spurious NVNT b 2437MHz Ant1 Emission



Tx. Spurious NVNT b 2462MHz Ant1 Ref



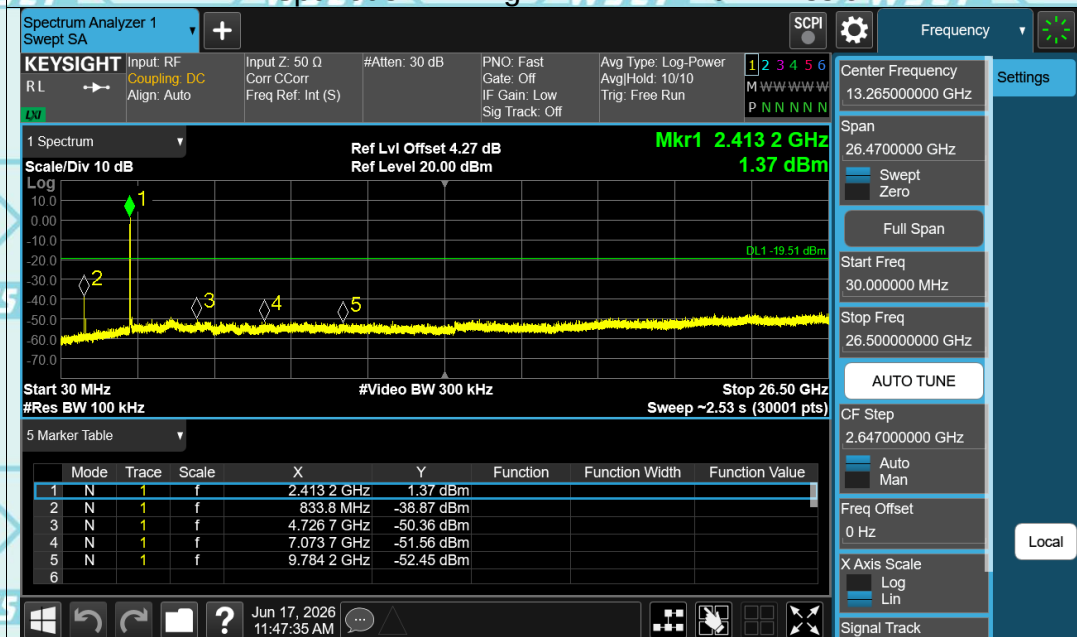
Tx. Spurious NVNT b 2462MHz Ant1 Emission



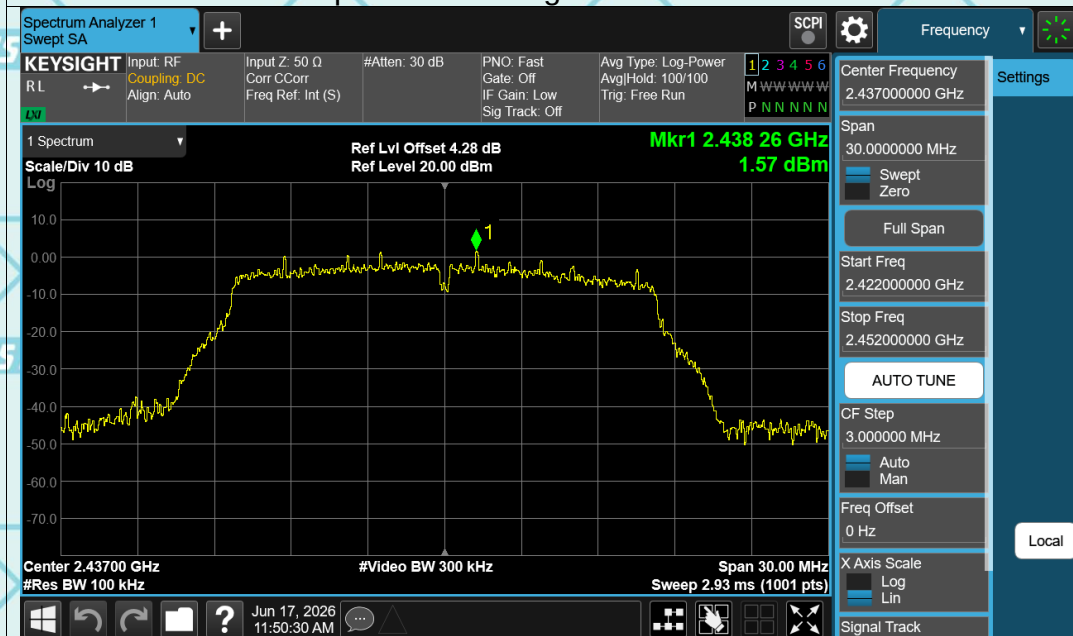
Tx. Spurious NVNT g 2412MHz Ant1 Ref



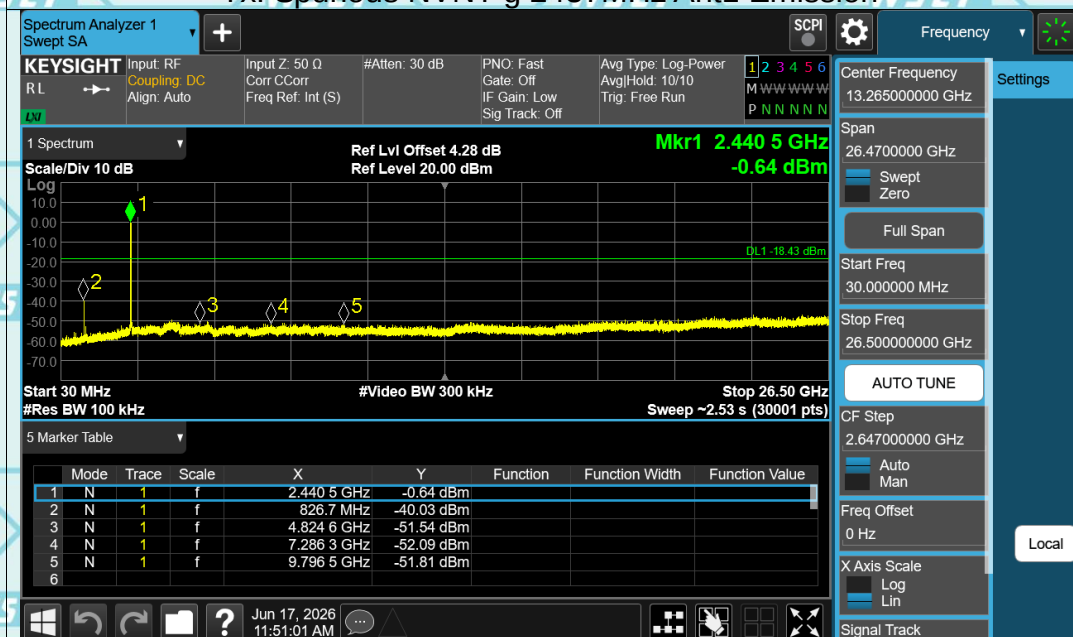
Tx. Spurious NVNT g 2412MHz Ant1 Emission



Tx. Spurious NVNT g 2437MHz Ant1 Ref



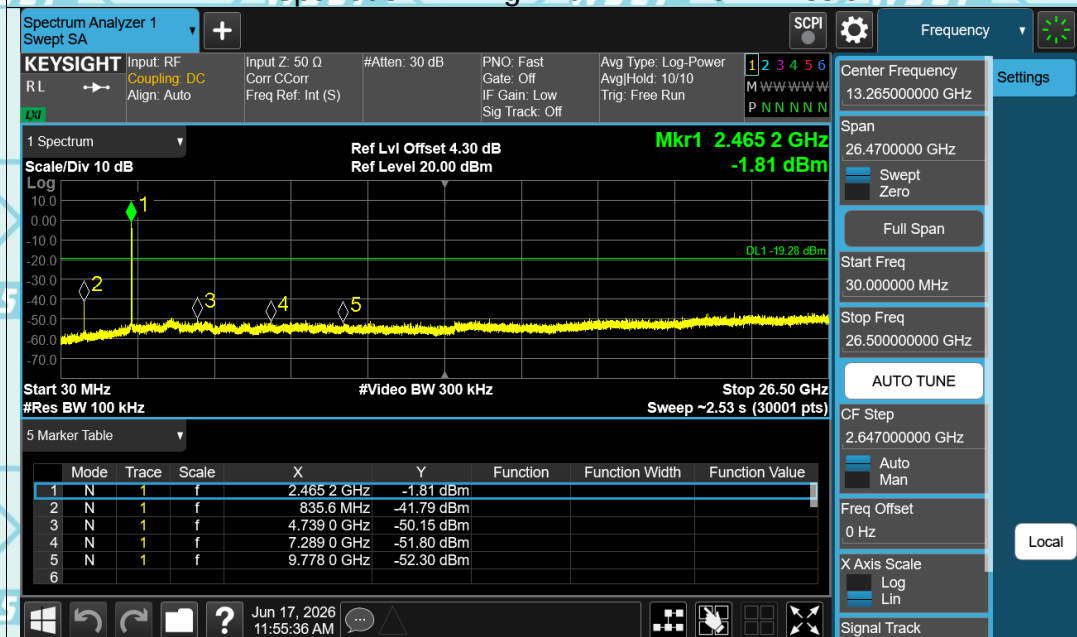
Tx. Spurious NVNT g 2437MHz Ant1 Emission

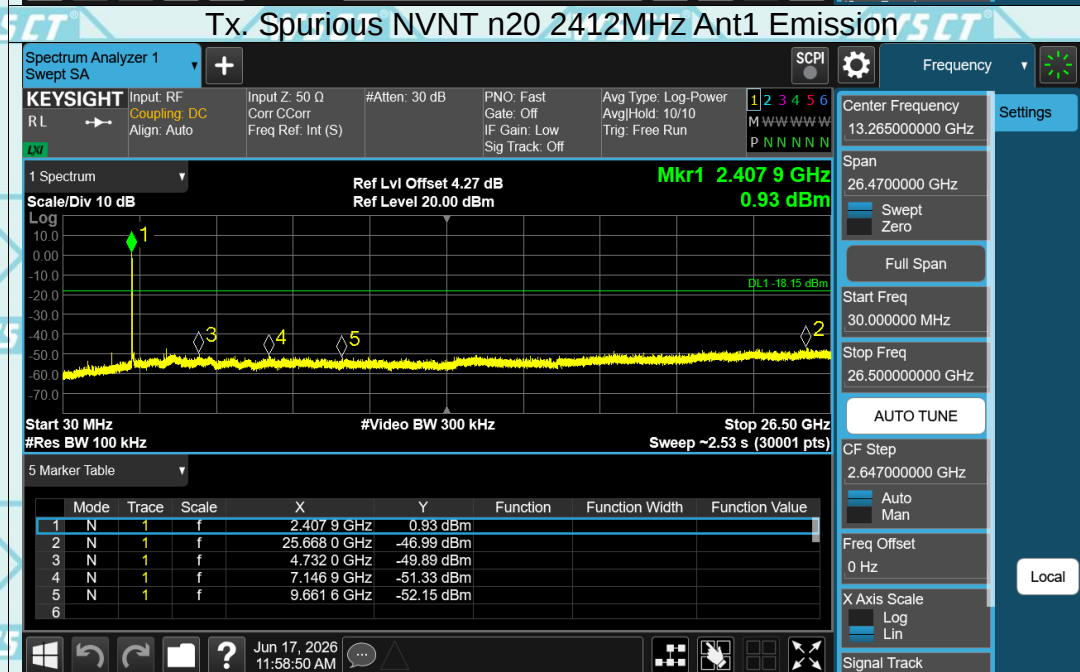
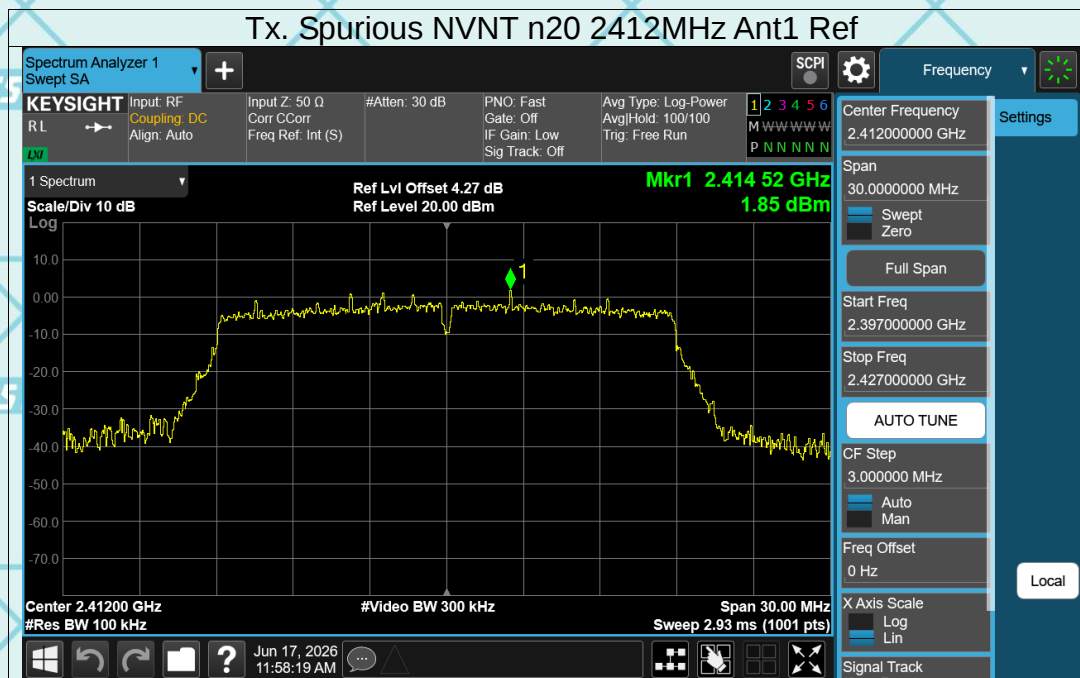


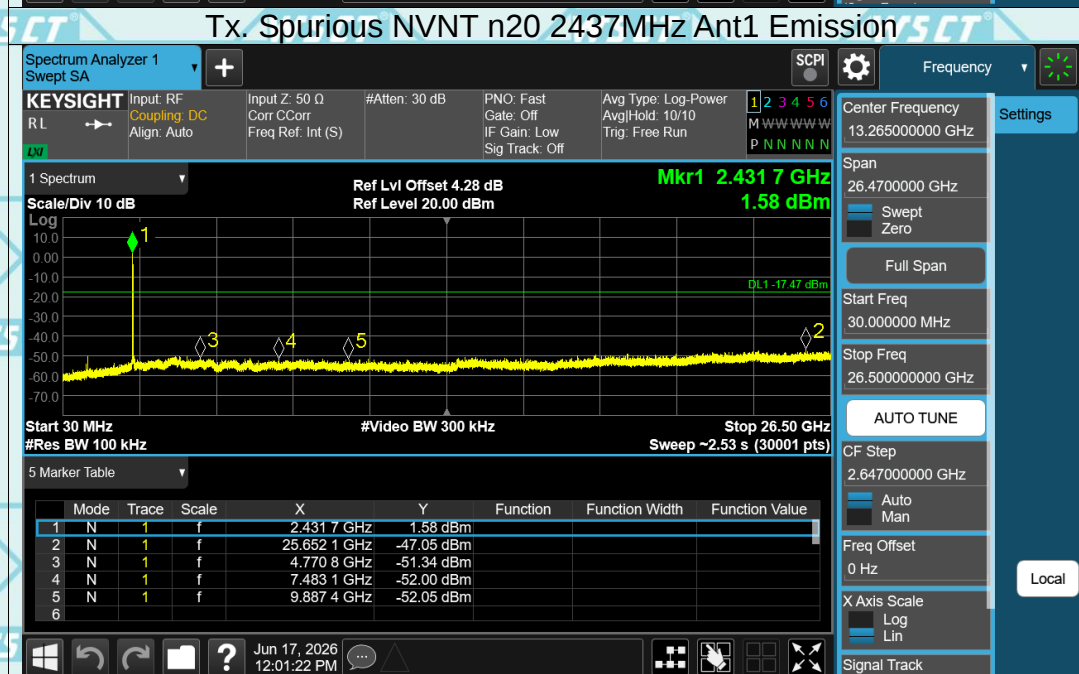
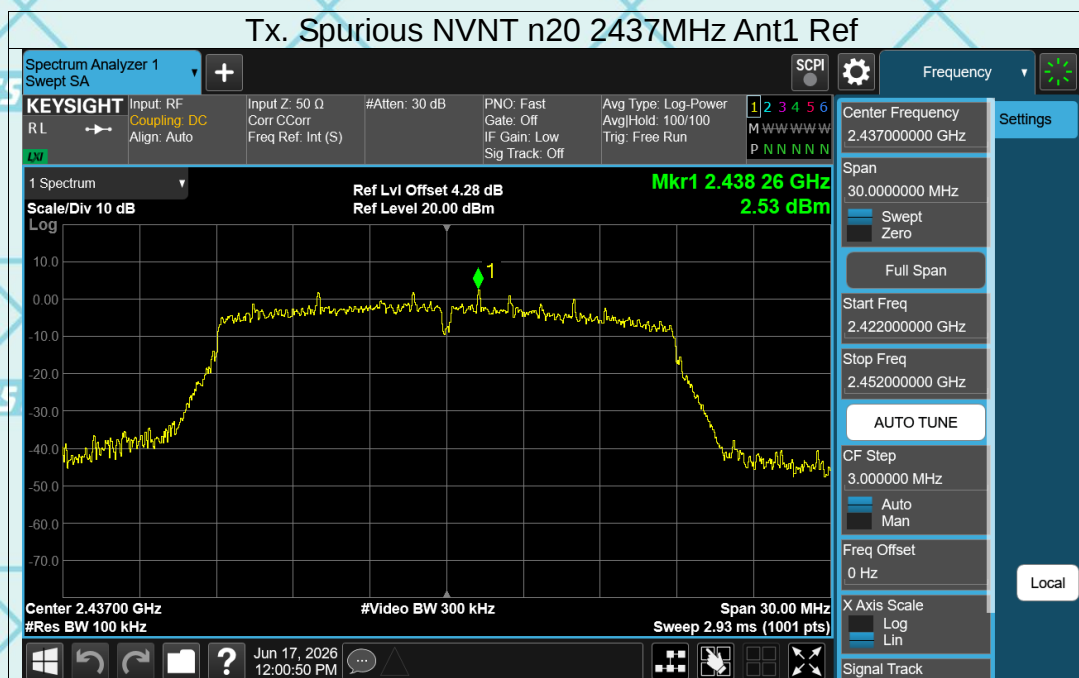
Tx. Spurious NVNT g 2462MHz Ant1 Ref

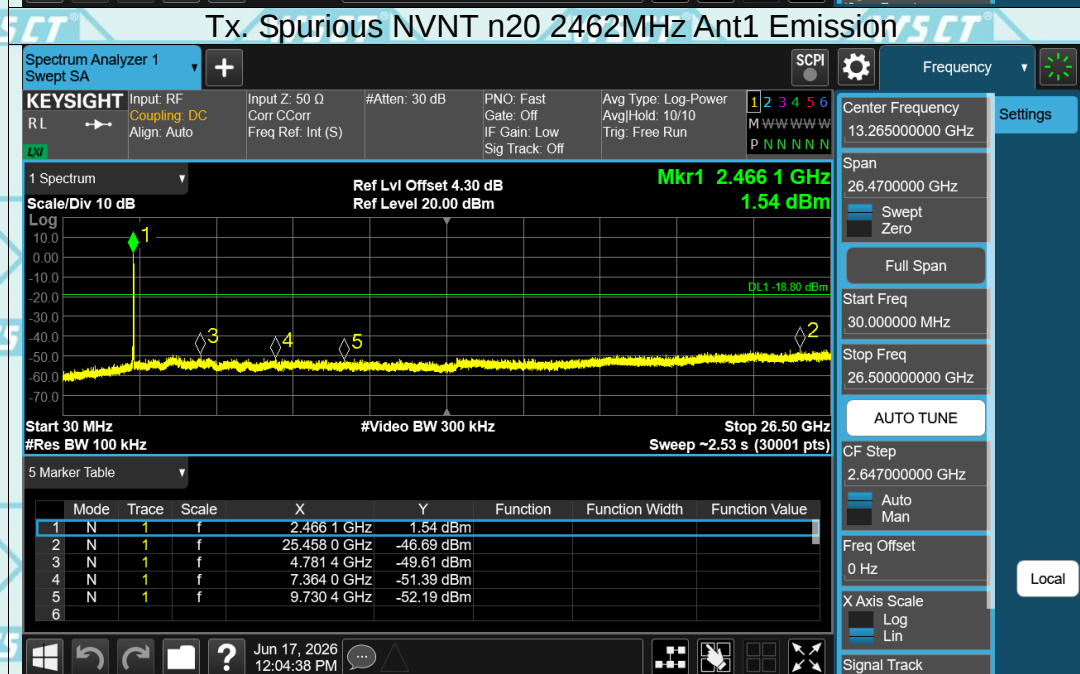
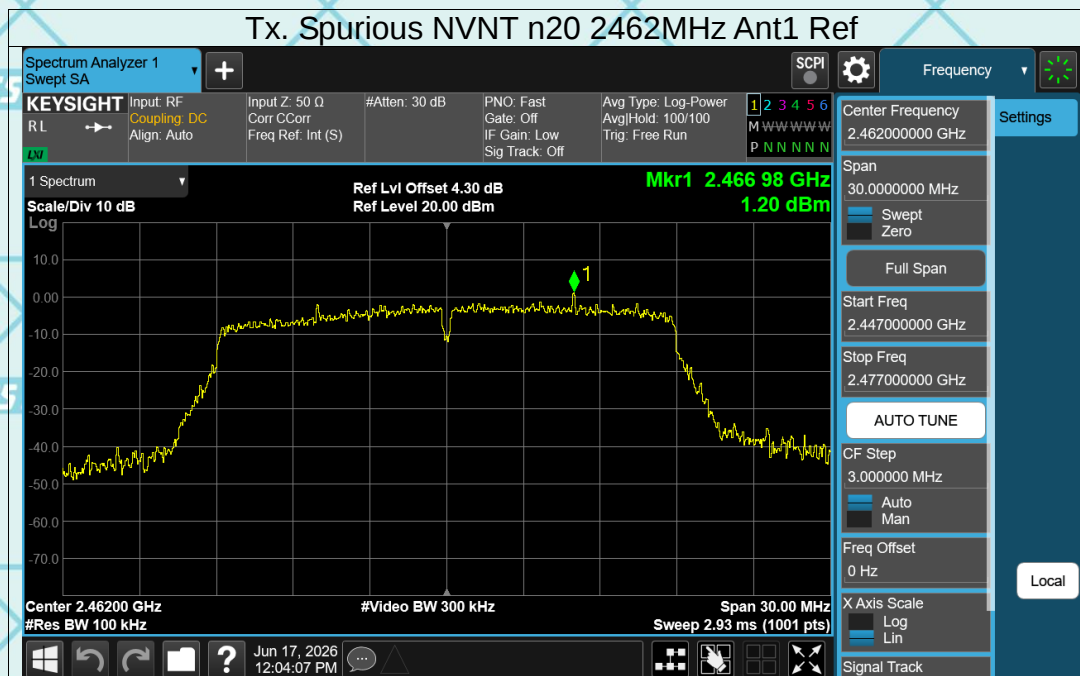


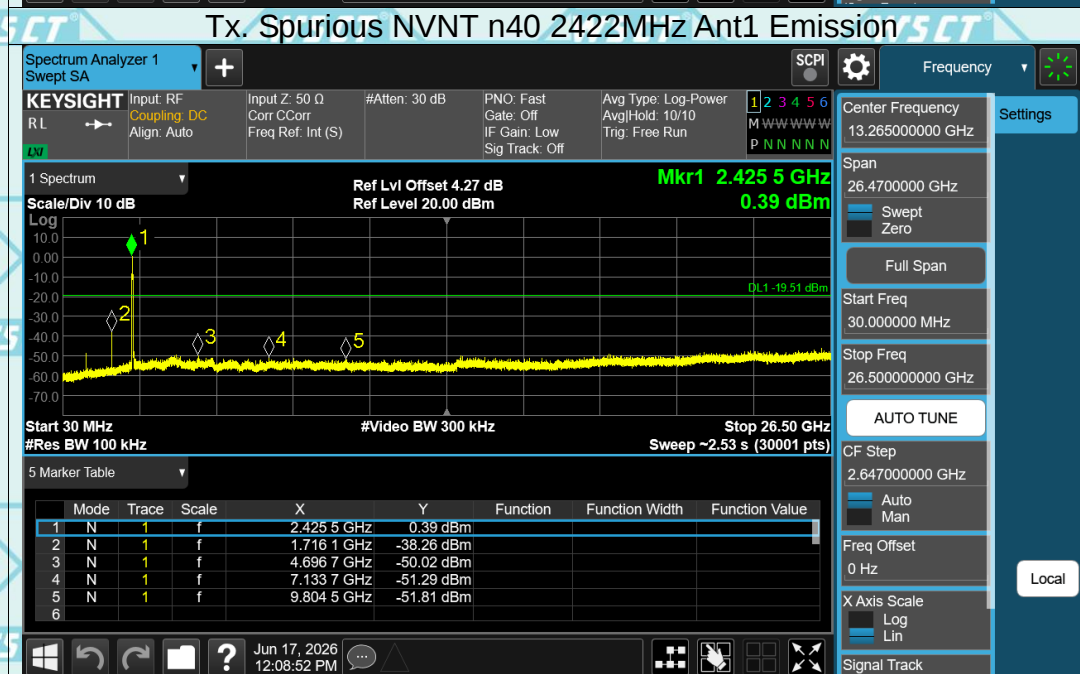
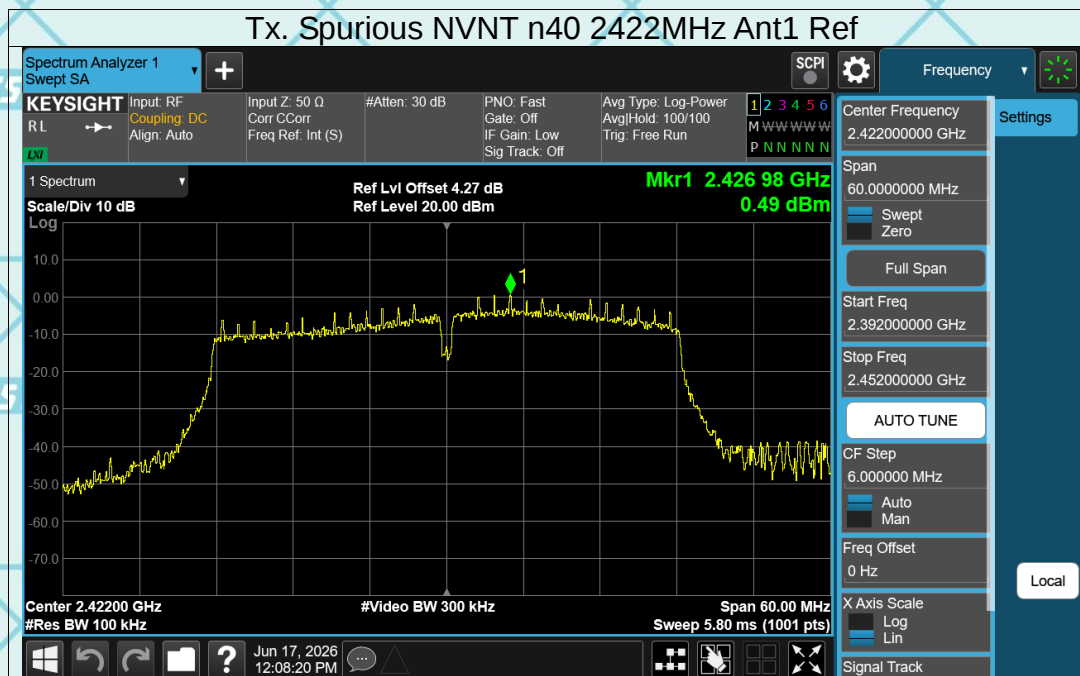
Tx. Spurious NVNT g 2462MHz Ant1 Emission

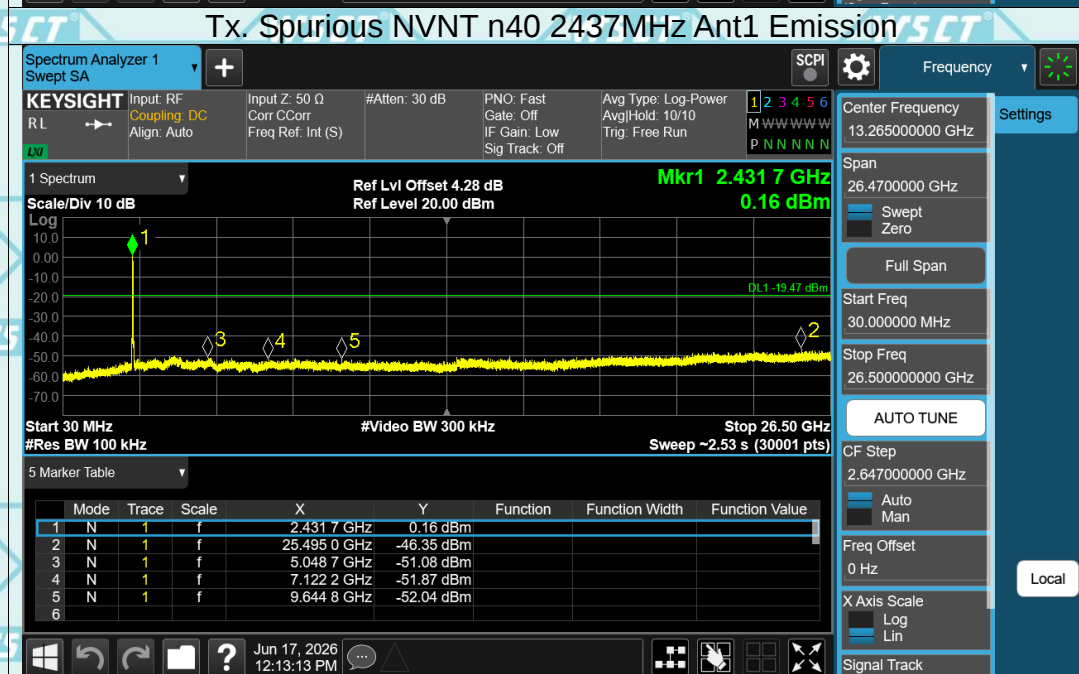
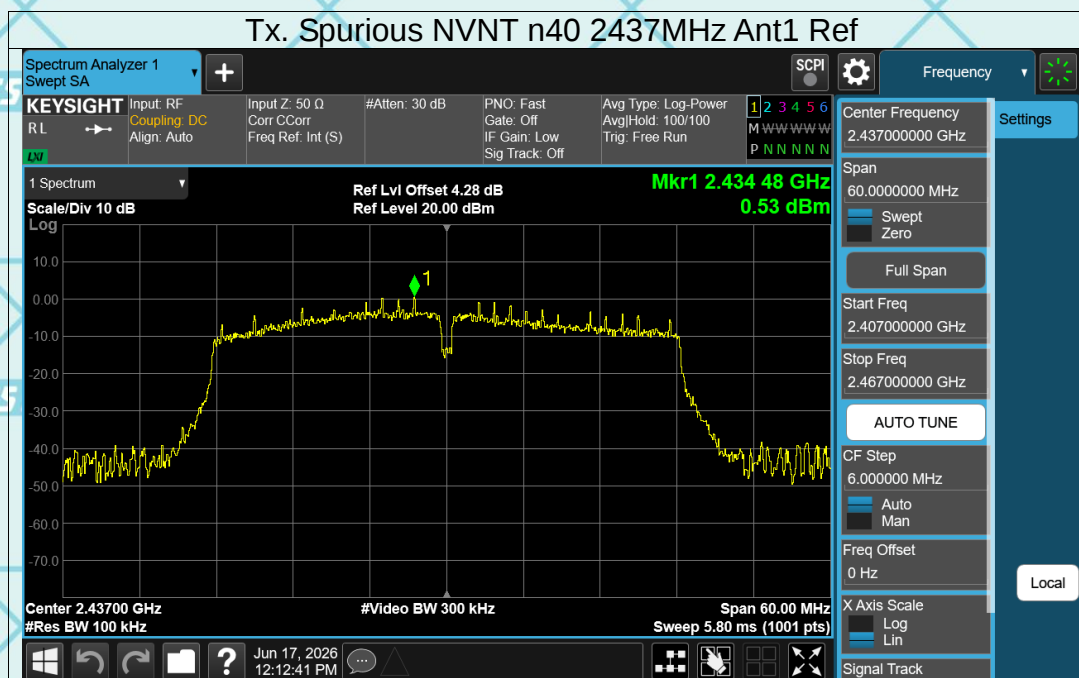


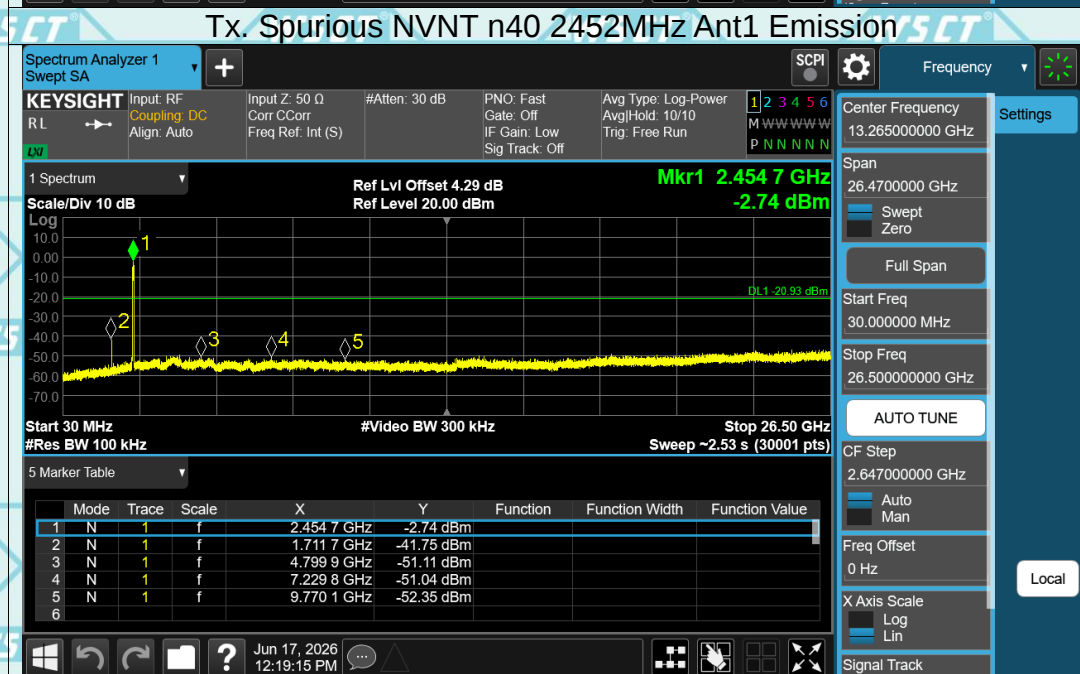
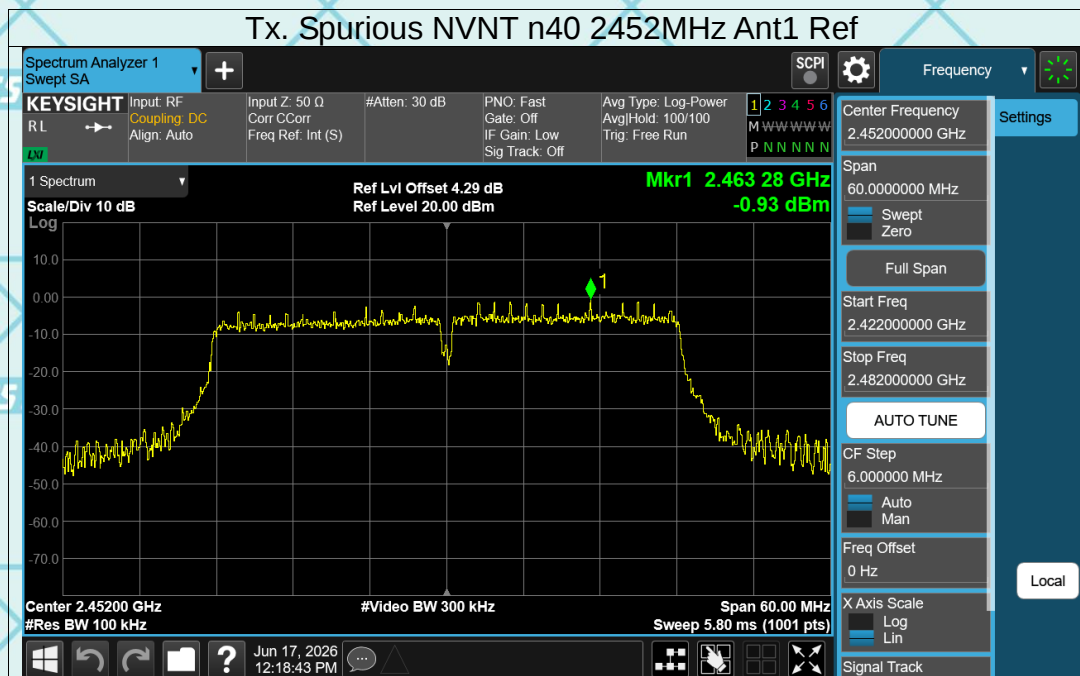






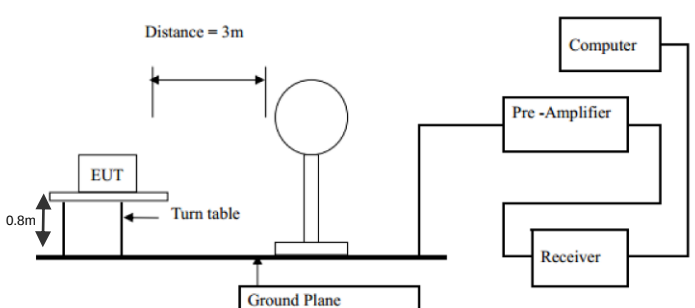


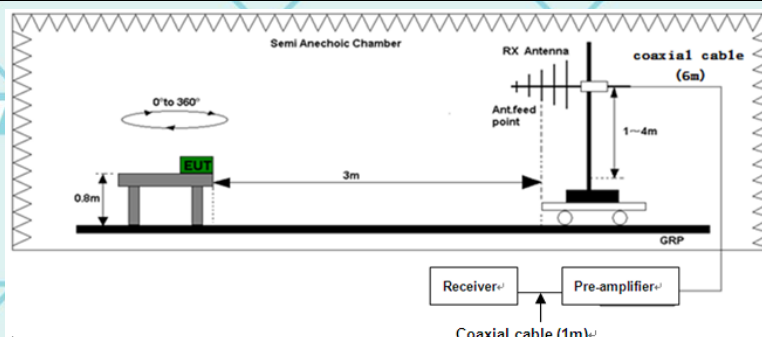




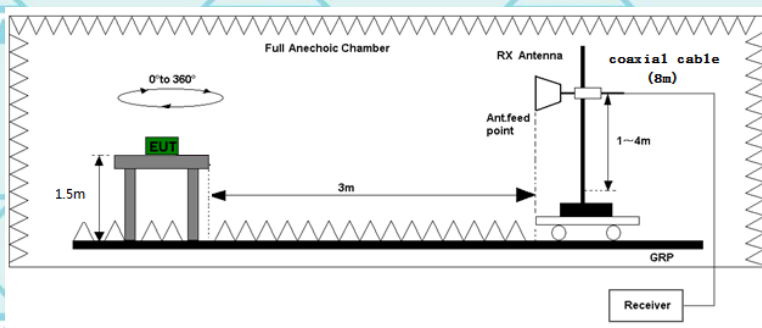
6.7. Radiated Spurious Emission Measurement

6.7.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.209			
Test Method:	ANSI C63.10:2020			
Frequency Range:	9 kHz to 25 GHz			
Measurement Distance:	3 m			
Antenna Polarization:	Horizontal & Vertical			
Operation mode:	Transmitting mode with modulation			
Receiver Setup:	Frequency	Detector	RBW	VBW
	9kHz- 150kHz	Quasi-peak	200Hz	1kHz
	150kHz- 30MHz	Quasi-peak	9kHz	30kHz
	30MHz-1GHz	Quasi-peak	100KHz	300KHz
	Above 1GHz	Peak	1MHz	3MHz
Limit:	Remark			
	Quasi-peak Value			
	Quasi-peak Value			
	Quasi-peak Value			
	Peak Value			
Test setup:	Average Value			
Test setup:	Frequency	Field Strength (microvolts/meter)	Measurement Distance (meters)	
	0.009-0.490	2400/F(KHz)	300	
	0.490-1.705	24000/F(KHz)	30	
	1.705-30	30	3	
	30-88	100	3	
Test setup:	88-216	150	3	
	216-960	200	3	
	Above 960	500	3	
Test setup:	Frequency	Field Strength (microvolts/meter)	Measurement Distance (meters)	Detector
	Above 1GHz	500	3	Average
		5000	3	Peak
Test setup:	For radiated emissions below 30MHz			
				
	30MHz to 1GHz			



Above 1GHz



Test Procedure:

- For the radiated emission test below 1GHz:
The EUT was placed on a turntable with 0.8 meter above ground. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high PASS filter are used for the test in order to get better signal level.
- For the radiated emission test above 1GHz:
Place the measurement antenna on a turntable with 1.5 meter above ground, which is away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
- Corrected Reading: Antenna Factor + Cable Loss +

	Read Level - Preamp Factor = Level 4. For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported. 5. Use the following spectrum analyzer settings: (1) Span shall wide enough to fully capture the emission being measured; (2) Set RBW=100 kHz for $f < 1$ GHz; VBW $\geq$ RBW; Sweep = auto; Detector function = peak; Trace = max hold; (3) Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement: VBW = 10 Hz, when duty cycle is no less than 98 percent. VBW $\geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
Test results:	PASS

Note 1: The symbol of "--" in the table which means not application.

Note 2: For the test data above 1 GHz, According the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note 4: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

6.7.2. Test Data(worst)

Please refer to following diagram for individual
Below 1GHz

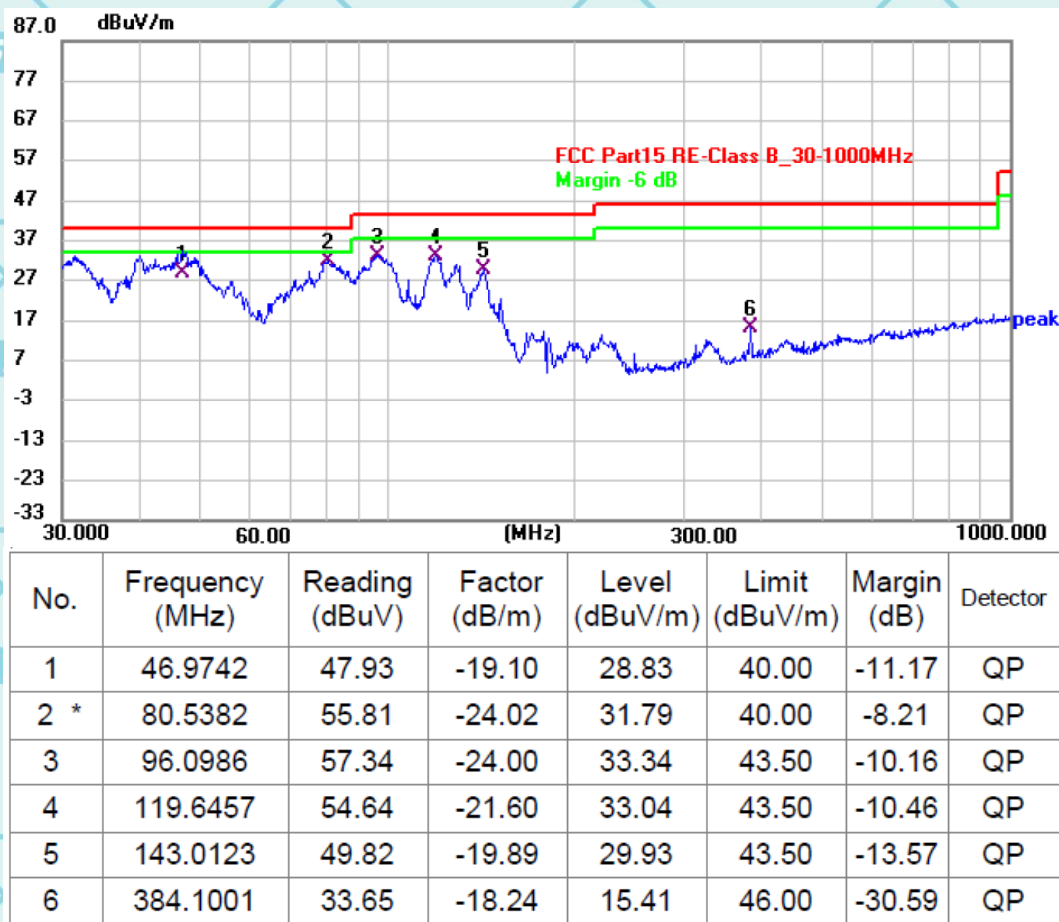
Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	30.8129	46.53	-19.33	27.20	40.00	-12.80	QP
2	49.1005	42.20	-18.95	23.25	40.00	-16.75	QP
3	99.9653	47.05	-23.65	23.40	40.00	-16.60	QP
4 *	143.0123	47.89	-19.89	28.00	40.00	-12.00	QP
5	171.2424	43.82	-20.79	23.03	40.00	-16.97	QP
6	384.1001	50.48	-18.24	32.24	47.00	-14.76	QP

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Vertical:

Issued Date: 08 July 2026



Note1:

Freq. = Emission frequency in MHz

Reading level (dBuV) = Receiver reading

Corr. Factor (dB) = Antenna factor + Cable loss - Amplifier factor.

Measurement (dBuV) = Reading level (dBuV) + Corr. Factor (dB)

Limit (dBuV) = Limit stated in standard

Margin (dB) = Measurement (dBuV) – Limits (dBuV)

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Above 1GHz

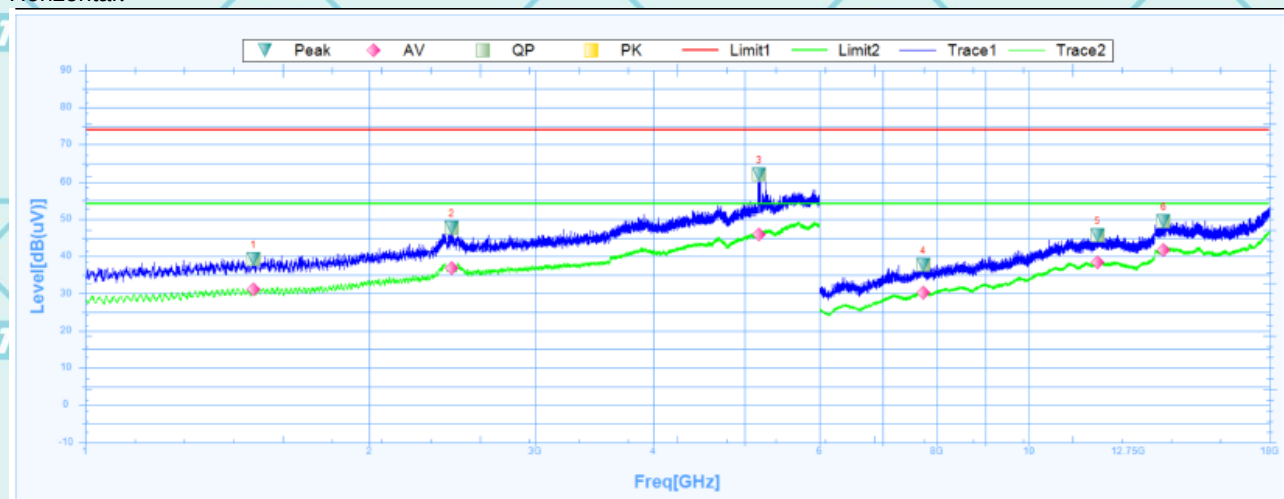
Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

Note 2: The spurious above 18G is noise only, do not show on the report.

Note 3: Report and only recorded the worst-case scenario 802.11b.

1 GHz to 18 GHz, ANT1 802.11b Low Channel

Horizontal:

**Susputed Data List**

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1507.5000	39.34	-0.26	39.6	74	-34.66	-0.1	Vertical	PK	Pass
1	1507.5000	31.16	-0.26	31.42	54	-22.84	-0.1	Vertical	AV	Pass
2	2445.0000	47.59	7.72	39.87	74	-26.41	198.1	Vertical	PK	Pass
2	2445.0000	36.76	7.72	29.04	54	-17.24	198.1	Vertical	AV	Pass
3	5182.5000	62.03	17.89	44.14	74	-11.97	213.6	Vertical	PK	Pass
3	5182.5000	45.85	17.89	27.96	54	-8.15	213.6	Vertical	AV	Pass
4	7731.0000	37.66	36.6	1.06	74	-36.34	344.8	Vertical	PK	Pass
4	7731.0000	30.3	36.6	-6.3	54	-23.7	344.8	Vertical	AV	Pass
5	11830.5000	45.58	38.75	6.83	74	-28.42	178.6	Vertical	PK	Pass
5	11830.5000	38.45	38.75	-0.3	54	-15.55	178.6	Vertical	AV	Pass
6	13902.0000	49.48	41.25	8.23	74	-24.52	324.5	Vertical	PK	Pass
6	13902.0000	41.6	41.25	0.35	54	-12.4	324.5	Vertical	AV	Pass

Vertical :



Suspected Data List

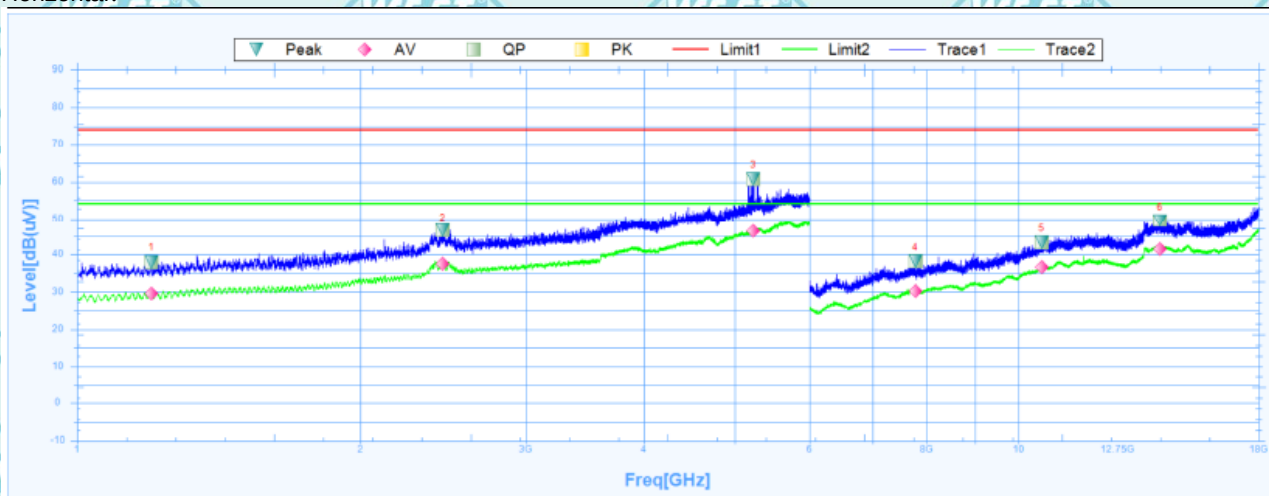
NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1526.2500	40.09	-0.19	40.28	74	-33.91	305.8	Horizontal	PK	Pass
1	1526.2500	30.96	-0.19	31.15	54	-23.04	305.8	Horizontal	AV	Pass
2	2426.2500	50.42	7.66	42.76	74	-23.58	252	Horizontal	PK	Pass
2	2426.2500	37.3	7.66	29.64	54	-16.7	252	Horizontal	AV	Pass
3	5242.5000	61.11	18.99	42.12	74	-12.89	0	Horizontal	PK	Pass
3	5242.5000	46.57	18.99	27.58	54	-7.43	0	Horizontal	AV	Pass
4	7035.0000	35.82	35.55	0.27	74	-38.18	322.1	Horizontal	PK	Pass
4	7035.0000	28.43	35.55	-7.12	54	-25.57	322.1	Horizontal	AV	Pass
5	10624.5000	43.13	38.97	4.16	74	-30.87	215.7	Horizontal	PK	Pass
5	10624.5000	36.51	38.97	-2.46	54	-17.49	215.7	Horizontal	AV	Pass
6	15121.5000	50.11	39.82	10.29	74	-23.89	161.9	Horizontal	PK	Pass
6	15121.5000	41.91	39.82	2.09	54	-12.09	161.9	Horizontal	AV	Pass

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1 GHz to 18 GHz, ANT H 802.11b Middle Channel

Horizontal:



Suspected Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1199.3750	38.05	-1.92	39.97	74	-35.95	75	Vertical	PK	Pass
1	1199.3750	29.55	-1.92	31.47	54	-24.45	75	Vertical	AV	Pass
2	2446.2500	46.62	7.73	38.89	74	-27.38	355.1	Vertical	PK	Pass
2	2446.2500	37.58	7.73	29.85	54	-16.42	355.1	Vertical	AV	Pass
3	5232.5000	60.79	18.82	41.97	74	-13.21	310.5	Vertical	PK	Pass
3	5232.5000	46.42	18.82	27.6	54	-7.58	310.5	Vertical	AV	Pass
4	7771.5000	38.19	36.66	1.53	74	-35.81	15	Vertical	PK	Pass
4	7771.5000	30.15	36.66	-6.51	54	-23.85	15	Vertical	AV	Pass
5	10588.5000	43.17	38.92	4.25	74	-30.83	10.8	Vertical	PK	Pass
5	10588.5000	36.72	38.92	-2.2	54	-17.28	10.8	Vertical	AV	Pass
6	14139.0000	49.37	41.32	8.05	74	-24.63	281.4	Vertical	PK	Pass
6	14139.0000	41.52	41.32	0.2	54	-12.48	281.4	Vertical	AV	Pass

Vertical :



Suspected Data List

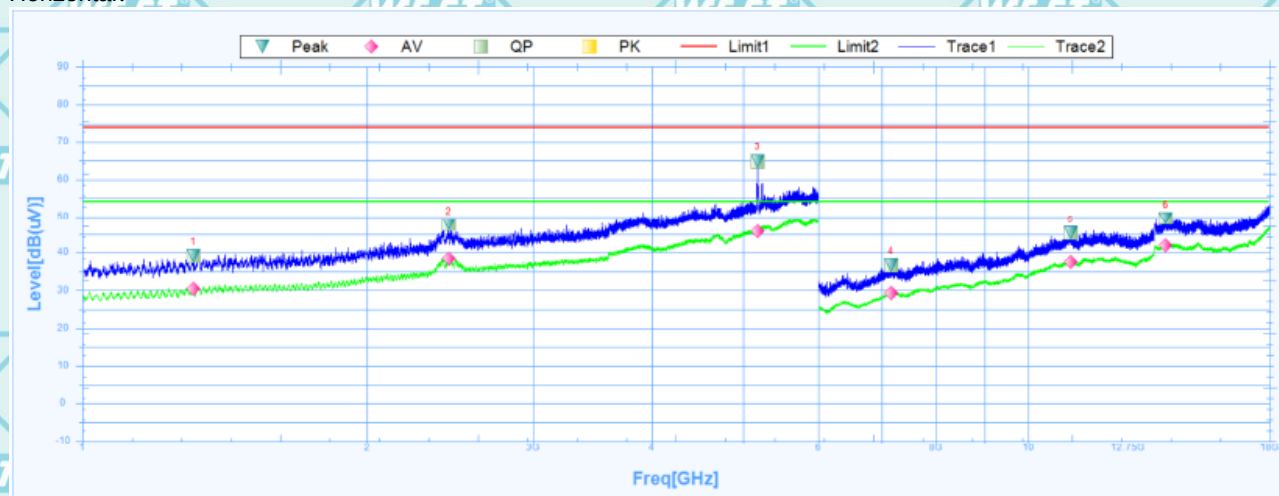
NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1506.8750	39.94	-0.26	40.2	74	-34.06	228	Horizontal	PK	Pass
1	1506.8750	30.99	-0.26	31.25	54	-23.01	228	Horizontal	AV	Pass
2	2446.2500	46.78	7.73	39.05	74	-27.22	43.9	Horizontal	PK	Pass
2	2446.2500	37.39	7.73	29.66	54	-16.61	43.9	Horizontal	AV	Pass
3	5243.7500	66.48	19.03	47.45	74	-7.52	112	Horizontal	PK	Pass
3	5243.7500	46.78	19.03	27.75	54	-7.22	112	Horizontal	AV	Pass
4	7506.0000	37.29	36.26	1.03	74	-36.71	16.4	Horizontal	PK	Pass
4	7506.0000	28.9	36.26	-7.36	54	-25.1	16.4	Horizontal	AV	Pass
5	9547.5000	40.05	37.78	2.27	74	-33.95	117.6	Horizontal	PK	Pass
5	9547.5000	32.48	37.78	-5.3	54	-21.52	117.6	Horizontal	AV	Pass
6	13890.0000	49.04	41.21	7.83	74	-24.96	59	Horizontal	PK	Pass
6	13890.0000	41.53	41.21	0.32	54	-12.47	59	Horizontal	AV	Pass

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1 GHz to 18 GHz, ANT H 802.11b High Channel

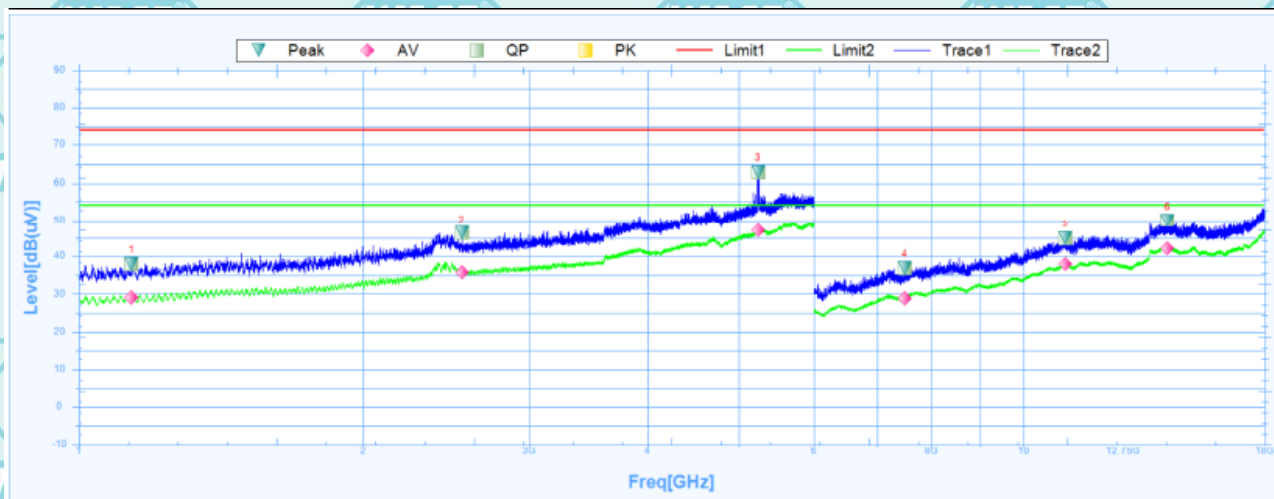
Horizontal:



Suspected Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1309.3750	39.12	-1.16	40.28	74	-34.88	-0.1	Vertical	PK	Pass
1	1309.3750	30.43	-1.16	31.59	54	-23.57	-0.1	Vertical	AV	Pass
2	2440.0000	47.57	7.71	39.86	74	-26.43	358.9	Vertical	PK	Pass
2	2440.0000	38.35	7.71	30.64	54	-15.65	358.9	Vertical	AV	Pass
3	5176.8750	64.78	17.78	47	74	-9.22	296.2	Vertical	PK	Pass
3	5176.8750	45.79	17.78	28.01	54	-8.21	296.2	Vertical	AV	Pass
4	7161.0000	36.53	35.74	0.79	74	-37.47	185.8	Vertical	PK	Pass
4	7161.0000	29.24	35.74	-6.5	54	-24.76	185.8	Vertical	AV	Pass
5	11086.5000	45.29	39.42	5.87	74	-28.71	310.1	Vertical	PK	Pass
5	11086.5000	37.57	39.42	-1.85	54	-16.43	310.1	Vertical	AV	Pass
6	13981.5000	49.41	41.45	7.96	74	-24.59	106.9	Vertical	PK	Pass
6	13981.5000	42.01	41.45	0.56	54	-11.99	106.9	Vertical	AV	Pass

Vertical :



Suspected Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1137.5000	37.95	-2.13	40.08	74	-36.05	3.5	Horizontal	PK	Pass
1	1137.5000	29.07	-2.13	31.2	54	-24.93	3.5	Horizontal	AV	Pass
2	2543.7500	46.26	6.01	40.25	74	-27.74	195.8	Horizontal	PK	Pass
2	2543.7500	35.65	6.01	29.64	54	-18.35	195.8	Horizontal	AV	Pass
3	5238.7500	62.81	18.93	43.88	74	-11.19	359.5	Horizontal	PK	Pass
3	5238.7500	46.98	18.93	28.05	54	-7.02	359.5	Horizontal	AV	Pass
4	7488.0000	36.83	36.23	0.6	74	-37.17	360.1	Horizontal	PK	Pass
4	7488.0000	28.95	36.23	-7.28	54	-25.05	360.1	Horizontal	AV	Pass
5	11077.5000	44.9	39.43	5.47	74	-29.1	221.7	Horizontal	PK	Pass
5	11077.5000	38.05	39.43	-1.38	54	-15.95	221.7	Horizontal	AV	Pass
6	14208.0000	49.84	41.23	8.61	74	-24.16	35.2	Horizontal	PK	Pass
6	14208.0000	42.06	41.23	0.83	54	-11.94	35.2	Horizontal	AV	Pass

Note:

1. All emissions not reported were more than 20dB below the specified limit or in the noise floor.
2. Emission Level= Reading Level+ Probe Factor +Cable Loss.
3. Data of measurement within this frequency range shown "--" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

Note: Freq. = Emission frequency in MHz

Reading level (dBμV) = Receiver reading

Corr. Factor (dB) = Attenuation factor + Cable loss

Level (dBμV) = Reading level (dBμV) + Corr. Factor (dB)

Limit (dBμV) = Limit stated in standard

Margin (dB) = Level (dBμV) – Limits (dBμV)

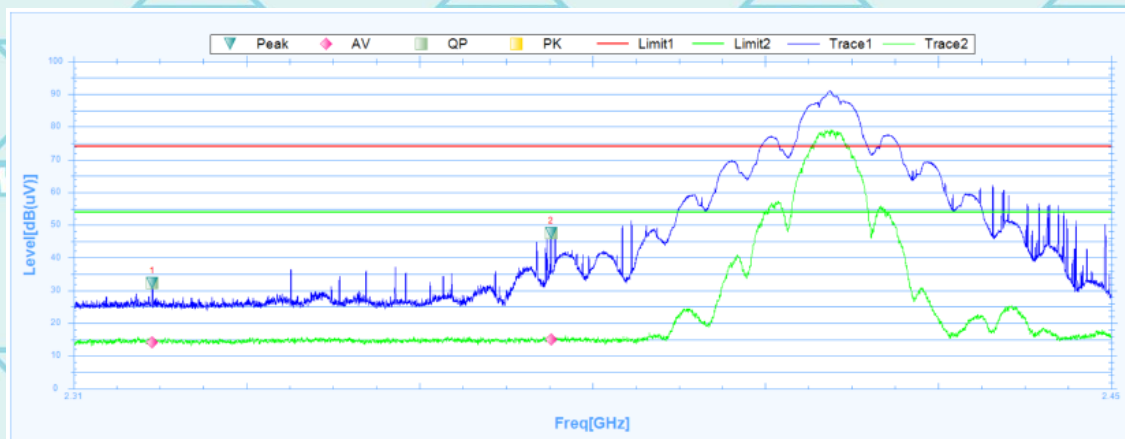
Report No.: WSCT-ANAB-R&E260600058A-Wi-Fi1

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6.7.3. Restricted Bands Requirements

Test result for 802.11b Mode (the worst case)

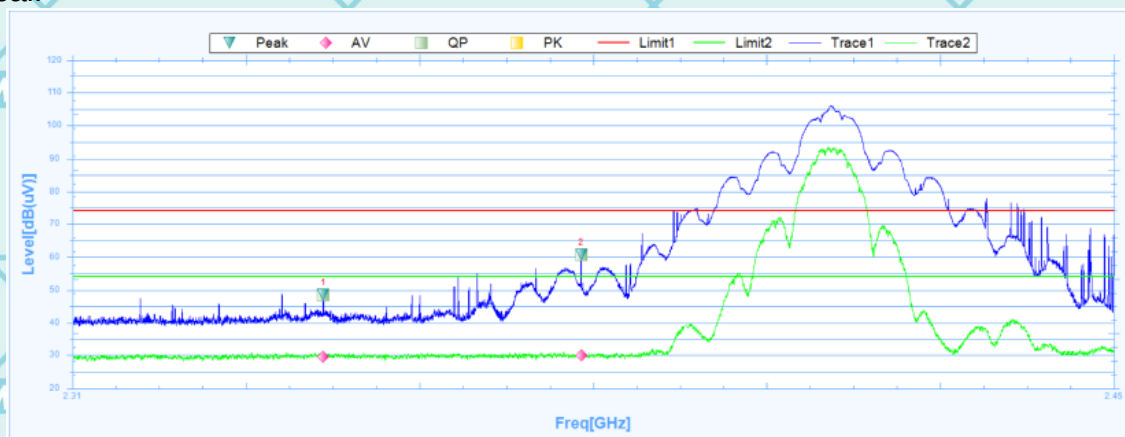
Low channel
Horizontal:



Susputed Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	2320.6225	32.35	0.49	31.86	74	-41.65	194	Vertical	PK	Pass
1	2320.6225	14.14	0.49	13.65	54	-39.86	194	Vertical	AV	Pass
2	2374.4000	47.45	0.75	46.7	74	-26.55	194	Vertical	PK	Pass
2	2374.4000	15.09	0.75	14.34	54	-38.91	194	Vertical	AV	Pass

Vertical:



Susputed Data List

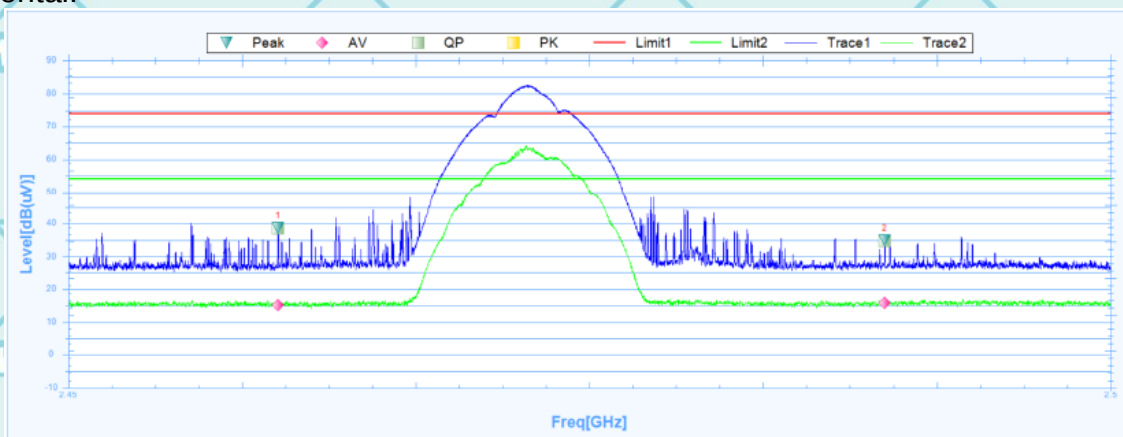
NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	2343.7225	48.49	15.6	32.89	74	-25.51	182.6	Horizontal	PK	Pass
1	2343.7225	29.48	15.6	13.88	54	-24.52	182.6	Horizontal	AV	Pass
2	2378.3900	60.71	15.77	44.94	74	-13.29	206.5	Horizontal	PK	Pass
2	2378.3900	29.95	15.77	14.18	54	-24.05	206.5	Horizontal	AV	Pass

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High channel

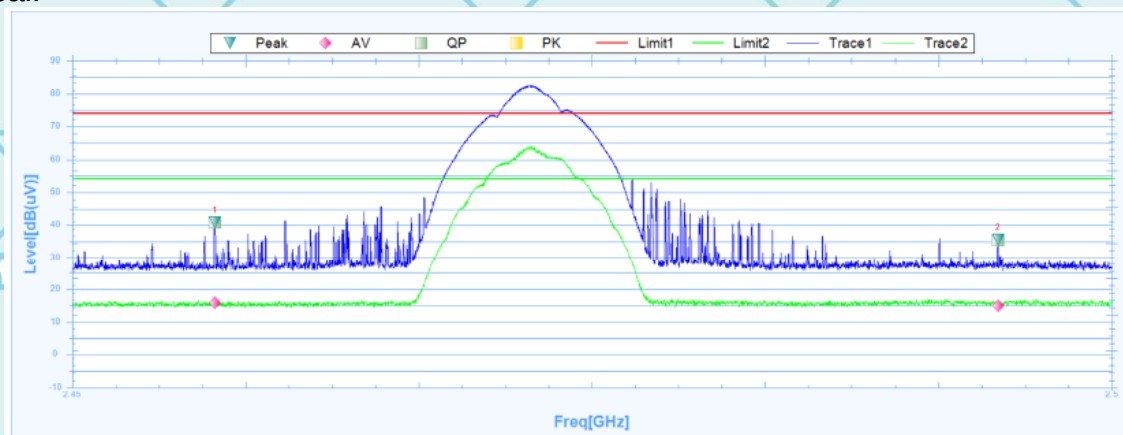
Horizontal:



Susputed Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	2460.0625	38.69	1.24	37.45	74	-35.31	171.4	Vertical	PK	Pass
1	2460.0625	15.16	1.24	13.92	54	-38.84	171.4	Vertical	AV	Pass
2	2489.1688	34.76	1.42	33.34	74	-39.24	206.1	Vertical	PK	Pass
2	2489.1688	15.86	1.42	14.44	54	-38.14	206.1	Vertical	AV	Pass

Vertical:



Susputed Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	2456.8562	40.91	1.22	39.69	74	-33.09	182.6	Horizontal	PK	Pass
1	2456.8562	15.83	1.22	14.61	54	-38.17	182.6	Horizontal	AV	Pass
2	2494.5375	35.58	1.46	34.12	74	-38.42	177.8	Horizontal	PK	Pass
2	2494.5375	15	1.46	13.54	54	-39	177.8	Horizontal	AV	Pass

Note: Freq. = Emission frequency in MHz

Reading level (dBμV) = Receiver reading

Corr. Factor (dB) = Attenuation factor + Cable loss

Level (dBμV) = Reading level (dBμV) + Corr. Factor (dB)

Limit (dBμV) = Limit stated in standard

Margin (dB) = Level (dBμV) – Limits (dBμV)

7. Test Setup Photographs

Please refer to Annex "Set Up Photos-15C" for test setup photos

*******END OF REPORT*******