PSD NVNT be20 106@53 5745MHz Ant2 MIMO

PSD NVNT be20 106@53 5785MHz Ant1 MIMO

PSD NVNT be20 106@53 5785MHz Ant2 MIMO

PSD NVNT be20 106@53 5825MHz Ant1 MIMO

PSD NVNT be20 106@53 5825MHz Ant2 MIMO

PSD NVNT be20 26@0 5180MHz Ant1 SISO

PSD NVNT be20 26@0 5220MHz Ant1 SISO

PSD NVNT be20 26@0 5240MHz Ant1 SISO

PSD NVNT be20 26@0 5260MHz Ant1 SISO

PSD NVNT be20 26@0 5300MHz Ant1 SISO

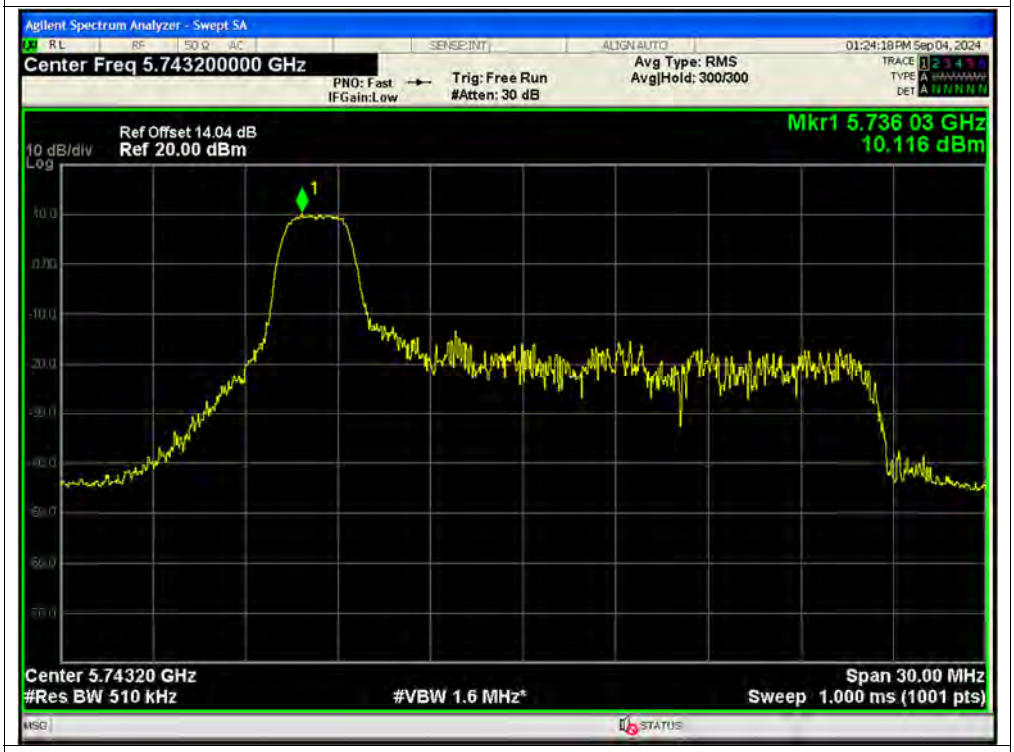
PSD NVNT be20 26@0 5320MHz Ant1 SISO

PSD NVNT be20 26@0 5500MHz Ant1 SISO

PSD NVNT be20 26@0 5600MHz Ant1 SISO

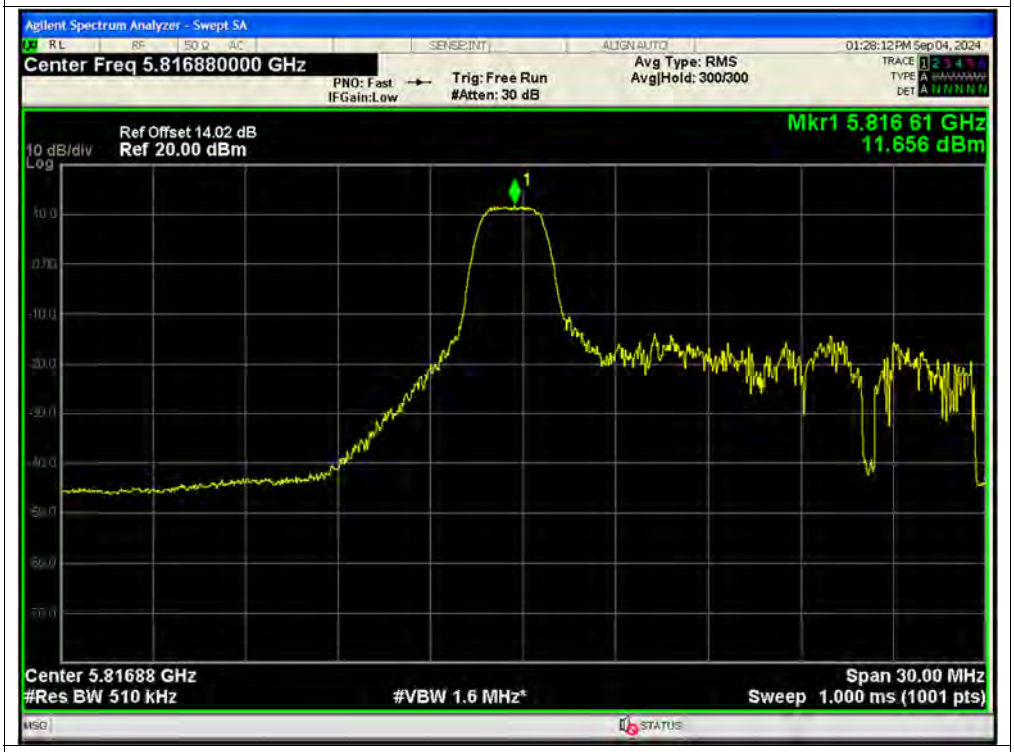
PSD NVNT be20 26@0 5720MHz Ant1 SISO

PSD NVNT be20 26@0 5745MHz Ant1 SISO



PSD NVNT be20 26@0 5785MHz Ant1 SISO

PSD NVNT be20 26@0 5825MHz Ant1 SISO



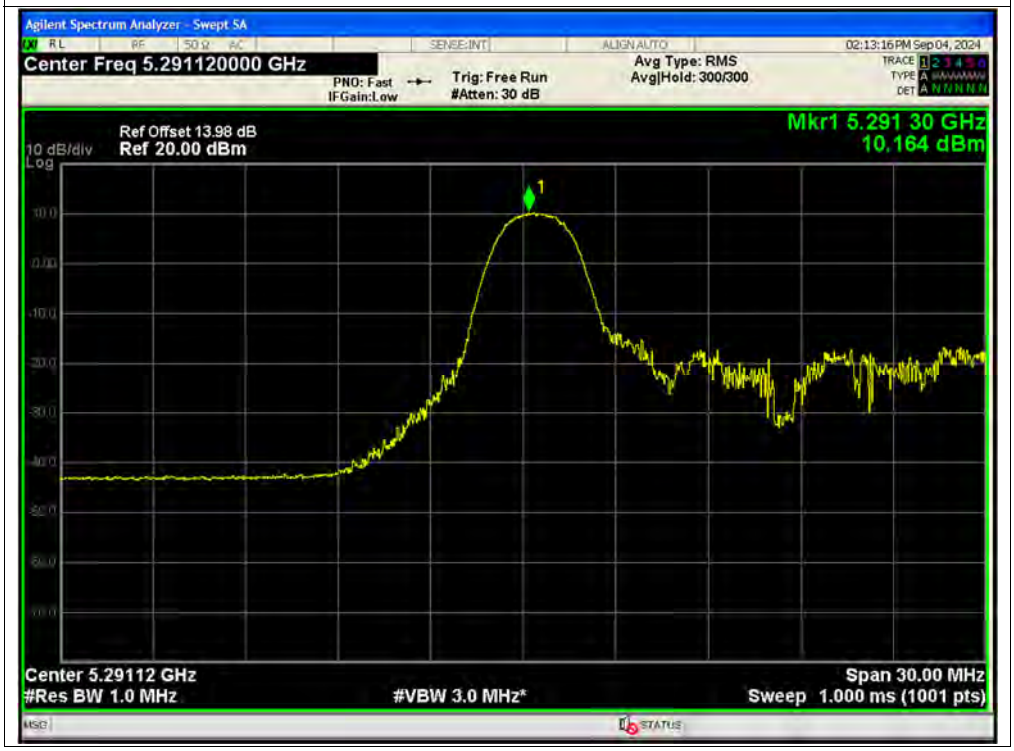
PSD NVNT be20 26@0 5180MHz Ant2 SISO

PSD NVNT be20 26@0 5220MHz Ant2 SISO

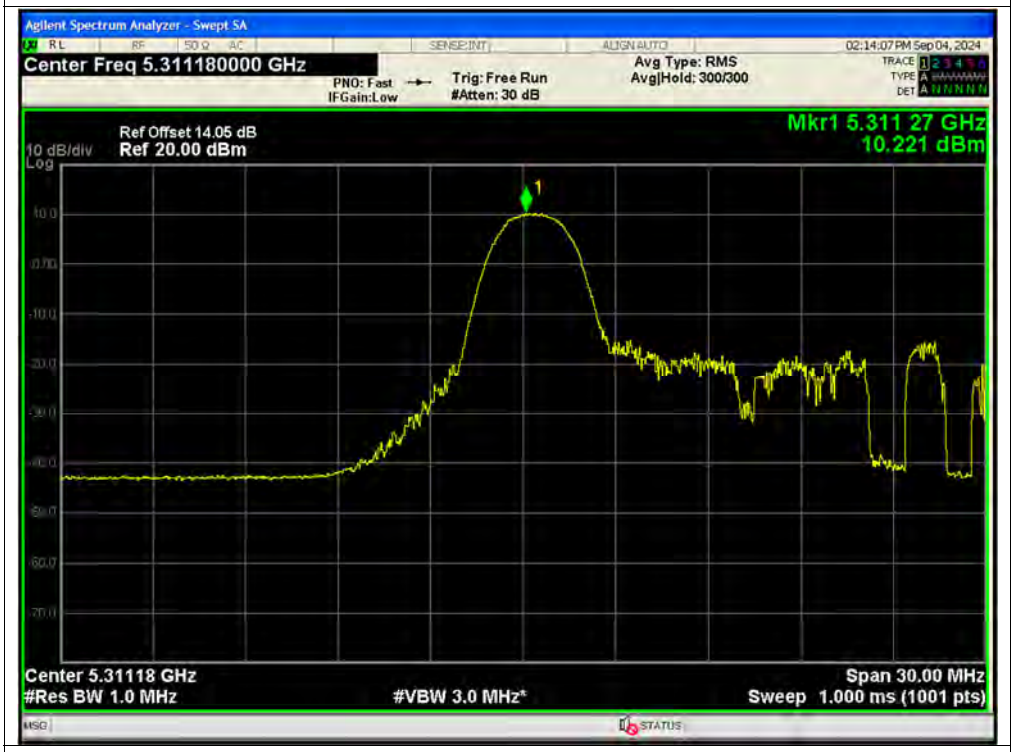
PSD NVNT be20 26@0 5240MHz Ant2 SISO

PSD NVNT be20 26@0 5260MHz Ant2 SISO

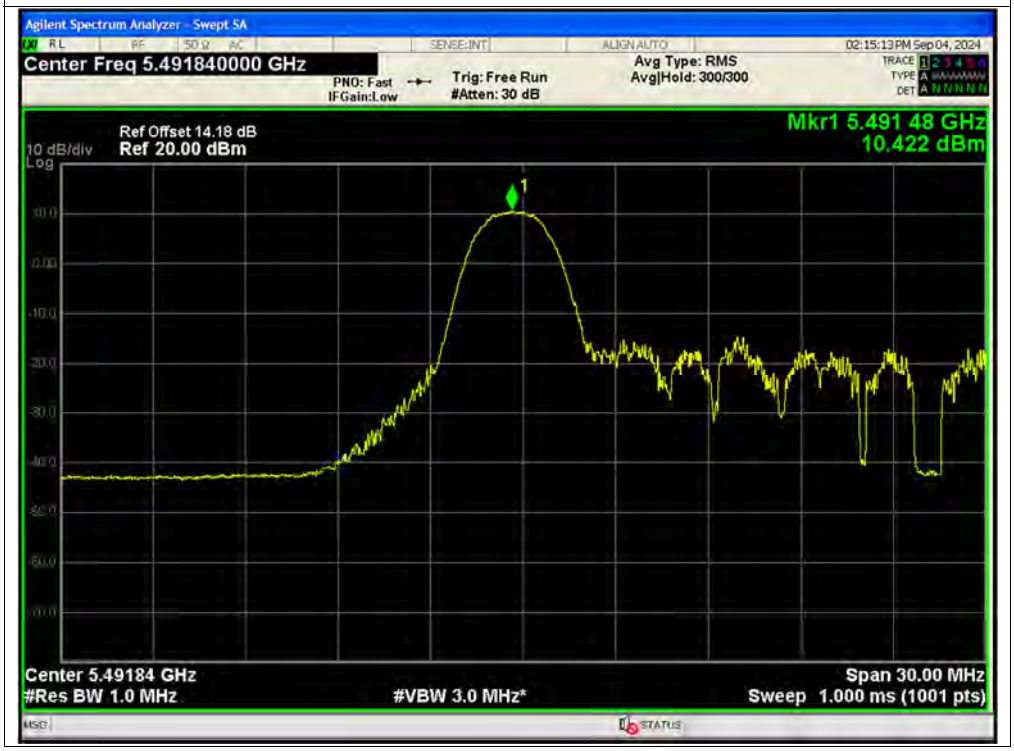
PSD NVNT be20 26@0 5300MHz Ant2 SISO



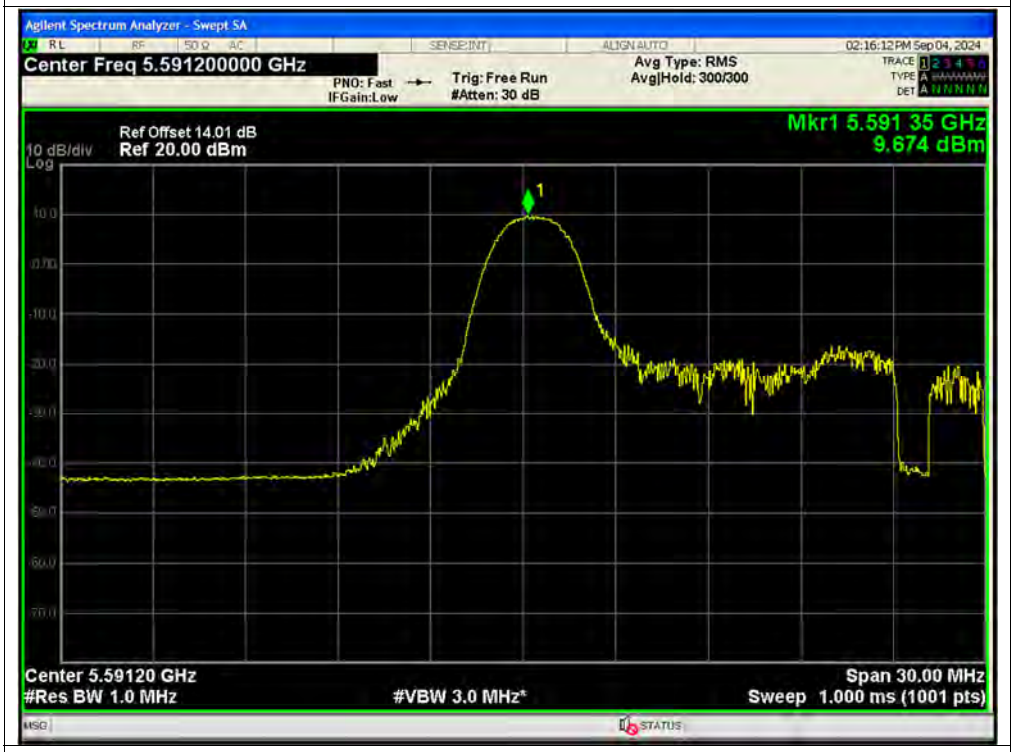
PSD NVNT be20 26@0 5320MHz Ant2 SISO



PSD NVNT be20 26@0 5500MHz Ant2 SISO

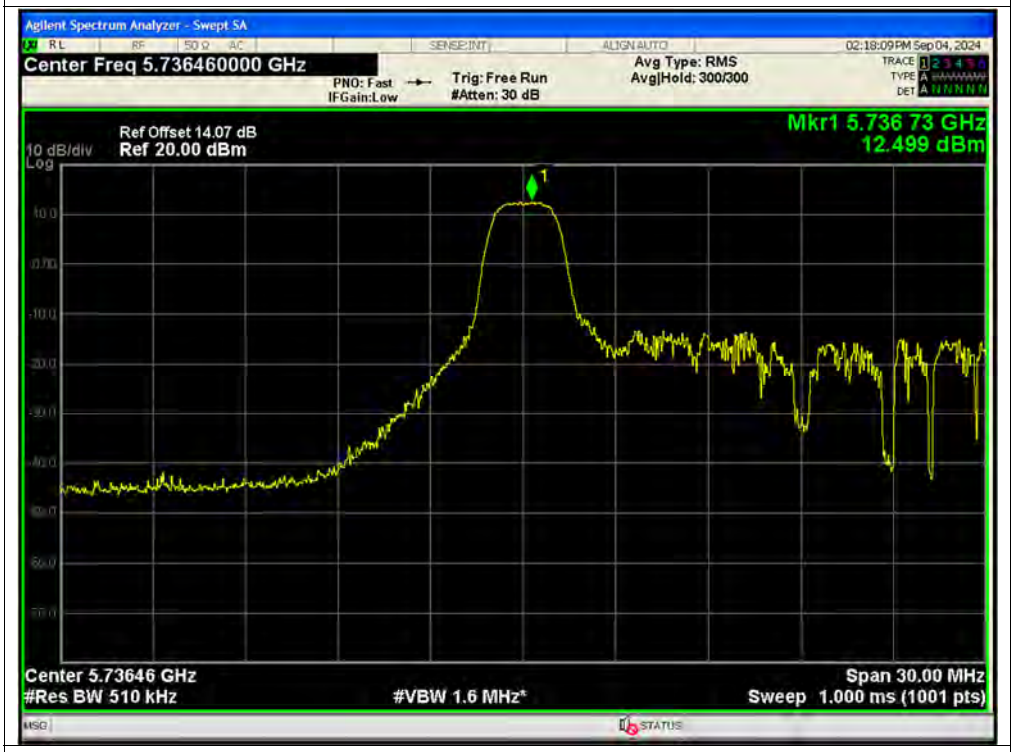


PSD NVNT be20 26@0 5600MHz Ant2 SISO



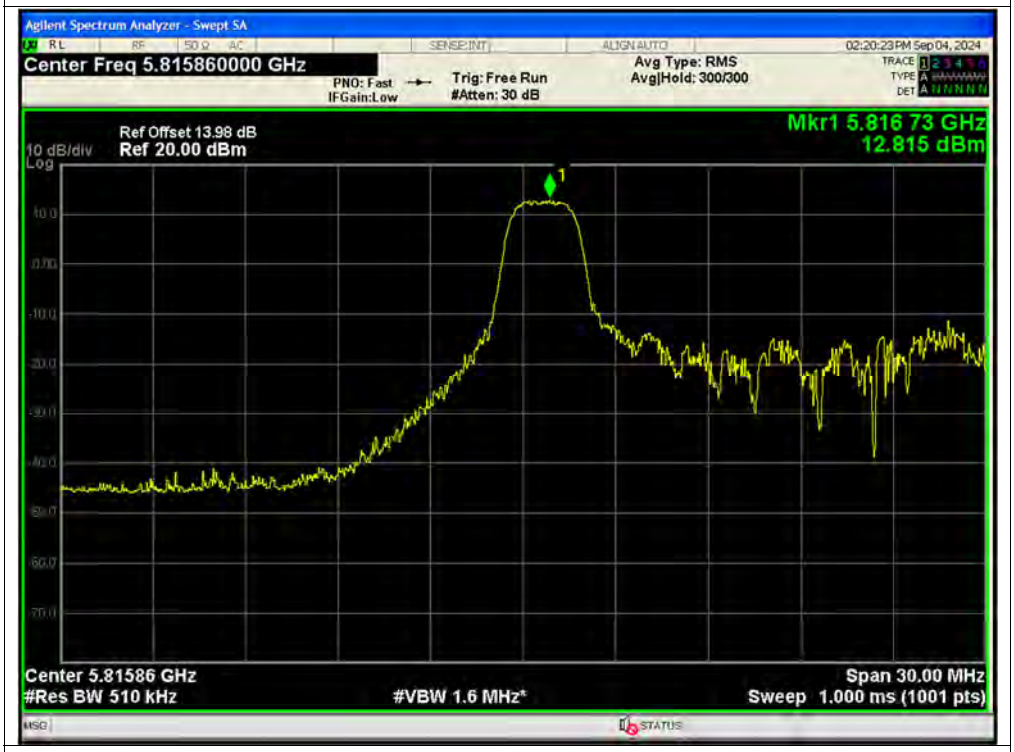
PSD NVNT be20 26@0 5720MHz Ant2 SISO

PSD NVNT be20 26@0 5745MHz Ant2 SISO



PSD NVNT be20 26@0 5785MHz Ant2 SISO

PSD NVNT be20 26@0 5825MHz Ant2 SISO

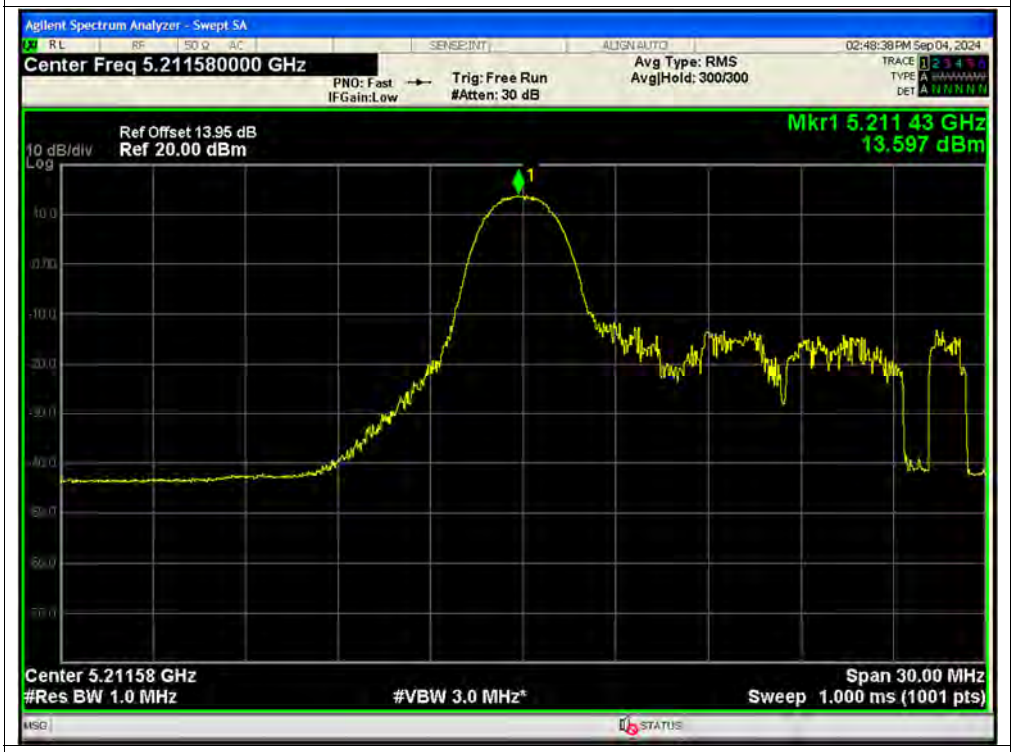


PSD NVNT be20 26@0 5180MHz Ant1 MIMO

PSD NVNT be20 26@0 5180MHz Ant2 MIMO

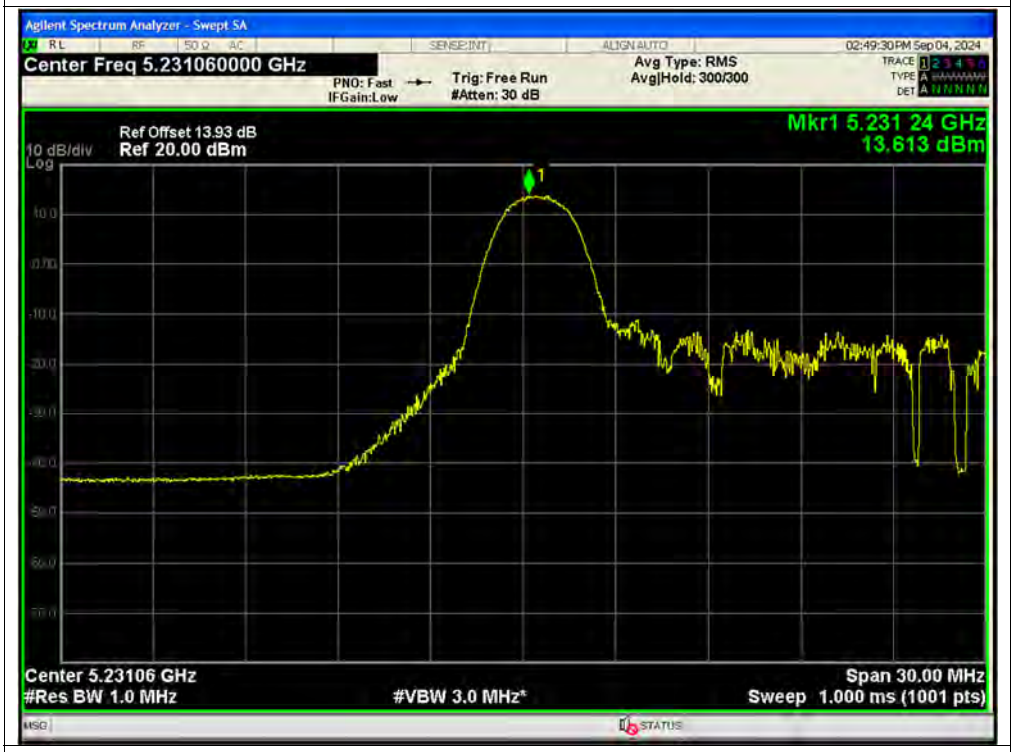
PSD NVNT be20 26@0 5220MHz Ant1 MIMO

PSD NVNT be20 26@0 5220MHz Ant2 MIMO



PSD NVNT be20 26@0 5240MHz Ant1 MIMO

PSD NVNT be20 26@0 5240MHz Ant2 MIMO



PSD NVNT be20 26@0 5260MHz Ant1 MIMO

PSD NVNT be20 26@0 5260MHz Ant2 MIMO

PSD NVNT be20 26@0 5300MHz Ant1 MIMO

PSD NVNT be20 26@0 5300MHz Ant2 MIMO

PSD NVNT be20 26@0 5320MHz Ant1 MIMO

PSD NVNT be20 26@0 5320MHz Ant2 MIMO

PSD NVNT be20 26@0 5500MHz Ant1 MIMO

PSD NVNT be20 26@0 5500MHz Ant2 MIMO

PSD NVNT be20 26@0 5600MHz Ant1 MIMO

PSD NVNT be20 26@0 5600MHz Ant2 MIMO

PSD NVNT be20 26@0 5720MHz Ant1 MIMO

PSD NVNT be20 26@0 5720MHz Ant2 MIMO

PSD NVNT be20 26@0 5745MHz Ant1 MIMO

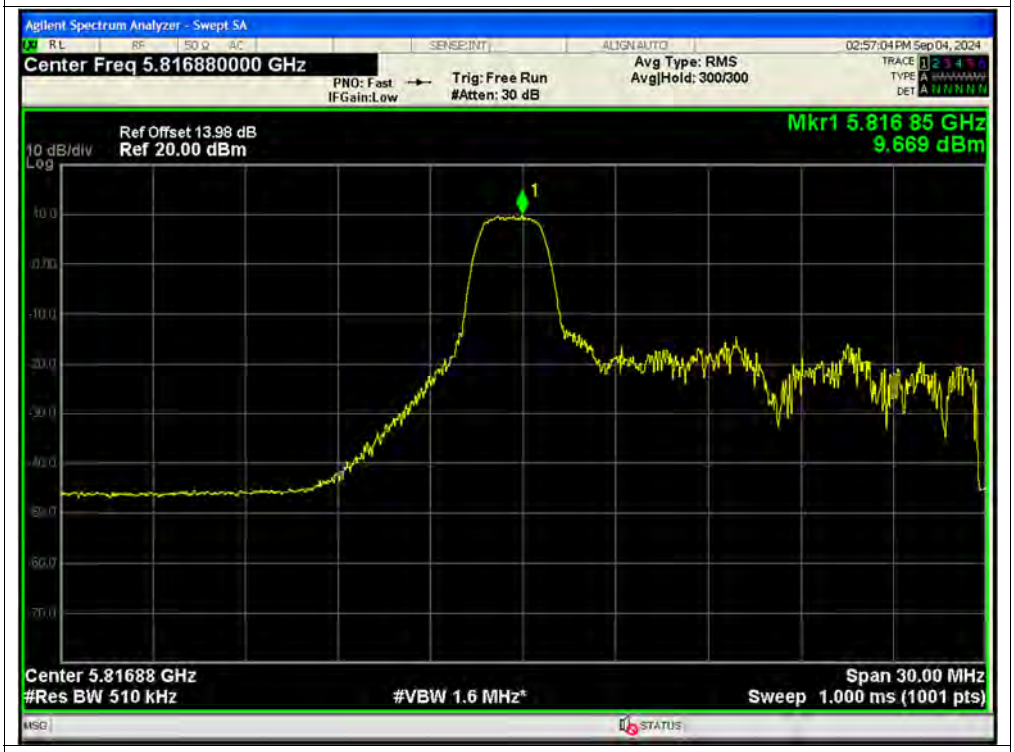
PSD NVNT be20 26@0 5745MHz Ant2 MIMO

PSD NVNT be20 26@0 5785MHz Ant1 MIMO

PSD NVNT be20 26@0 5785MHz Ant2 MIMO

PSD NVNT be20 26@0 5825MHz Ant1 MIMO

PSD NVNT be20 26@0 5825MHz Ant2 MIMO



PSD NVNT be20 52@37 5180MHz Ant1 SISO

PSD NVNT be20 52@37 5220MHz Ant1 SISO

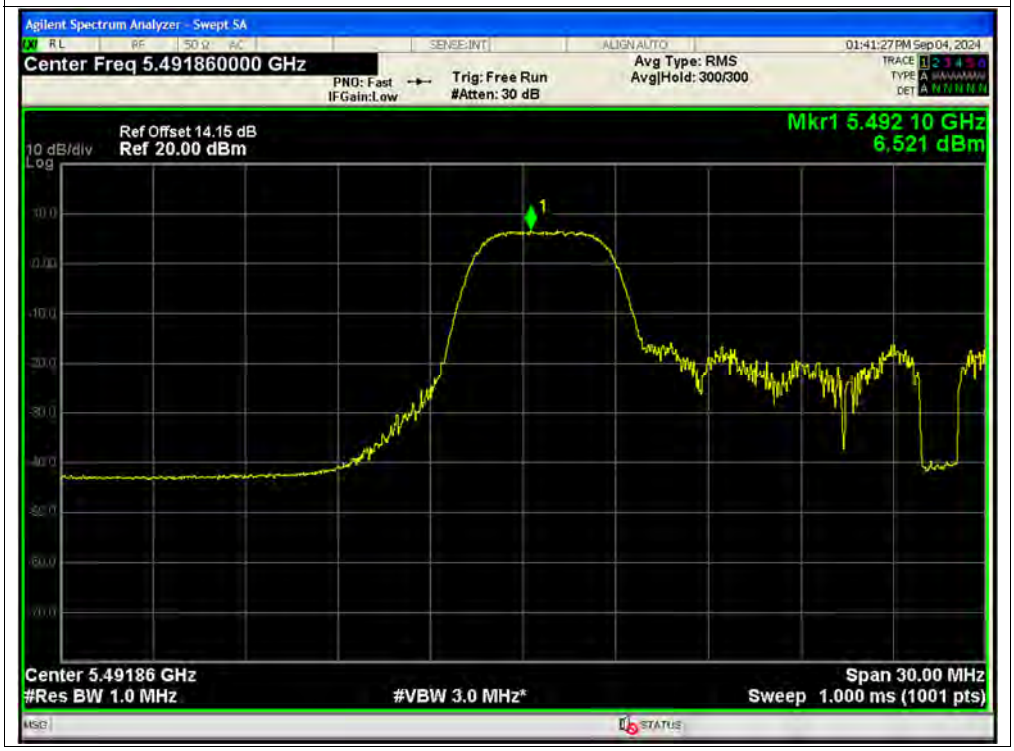
PSD NVNT be20 52@37 5240MHz Ant1 SISO

PSD NVNT be20 52@37 5260MHz Ant1 SISO

PSD NVNT be20 52@37 5300MHz Ant1 SISO

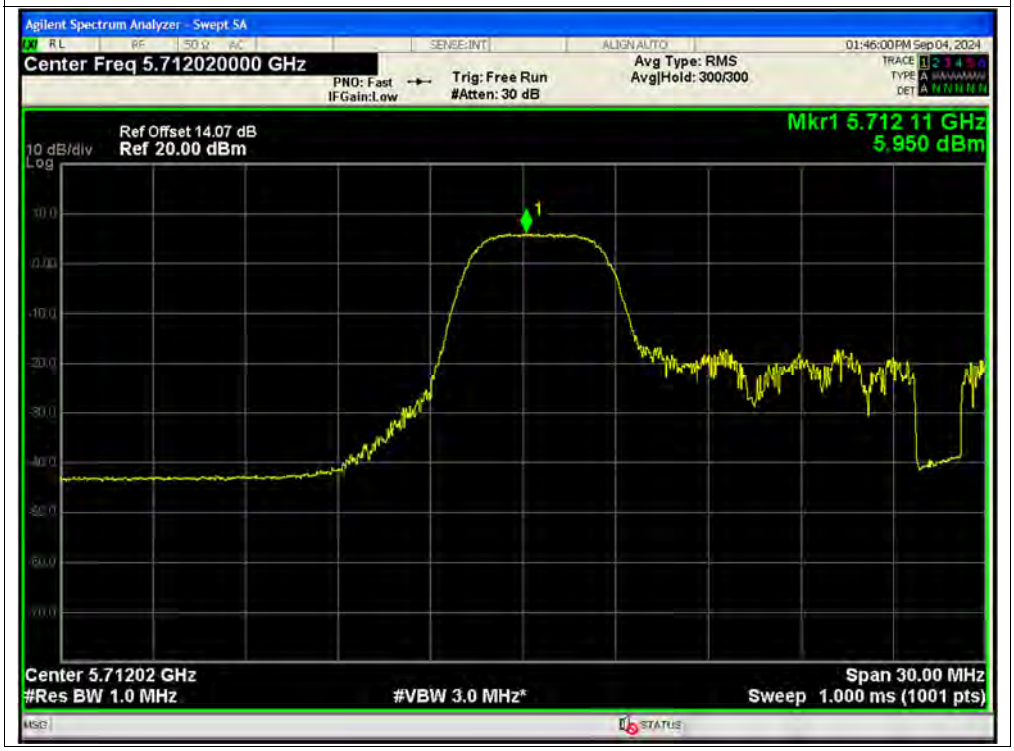
PSD NVNT be20 52@37 5320MHz Ant1 SISO

PSD NVNT be20 52@37 5500MHz Ant1 SISO



PSD NVNT be20 52@37 5600MHz Ant1 SISO

PSD NVNT be20 52@37 5720MHz Ant1 SISO



PSD NVNT be20 52@37 5745MHz Ant1 SISO

PSD NVNT be20 52@37 5785MHz Ant1 SISO

PSD NVNT be20 52@37 5825MHz Ant1 SISO

PSD NVNT be20 52@37 5180MHz Ant2 SISO

PSD NVNT be20 52@37 5220MHz Ant2 SISO

PSD NVNT be20 52@37 5240MHz Ant2 SISO

PSD NVNT be20 52@37 5260MHz Ant2 SISO

PSD NVNT be20 52@37 5300MHz Ant2 SISO

PSD NVNT be20 52@37 5320MHz Ant2 SISO

PSD NVNT be20 52@37 5500MHz Ant2 SISO

PSD NVNT be20 52@37 5600MHz Ant2 SISO

PSD NVNT be20 52@37 5720MHz Ant2 SISO

PSD NVNT be20 52@37 5745MHz Ant2 SISO

PSD NVNT be20 52@37 5785MHz Ant2 SISO

PSD NVNT be20 52@37 5825MHz Ant2 SISO

PSD NVNT be20 52@37 5180MHz Ant1 MIMO

PSD NVNT be20 52@37 5180MHz Ant2 MIMO

PSD NVNT be20 52@37 5220MHz Ant1 MIMO

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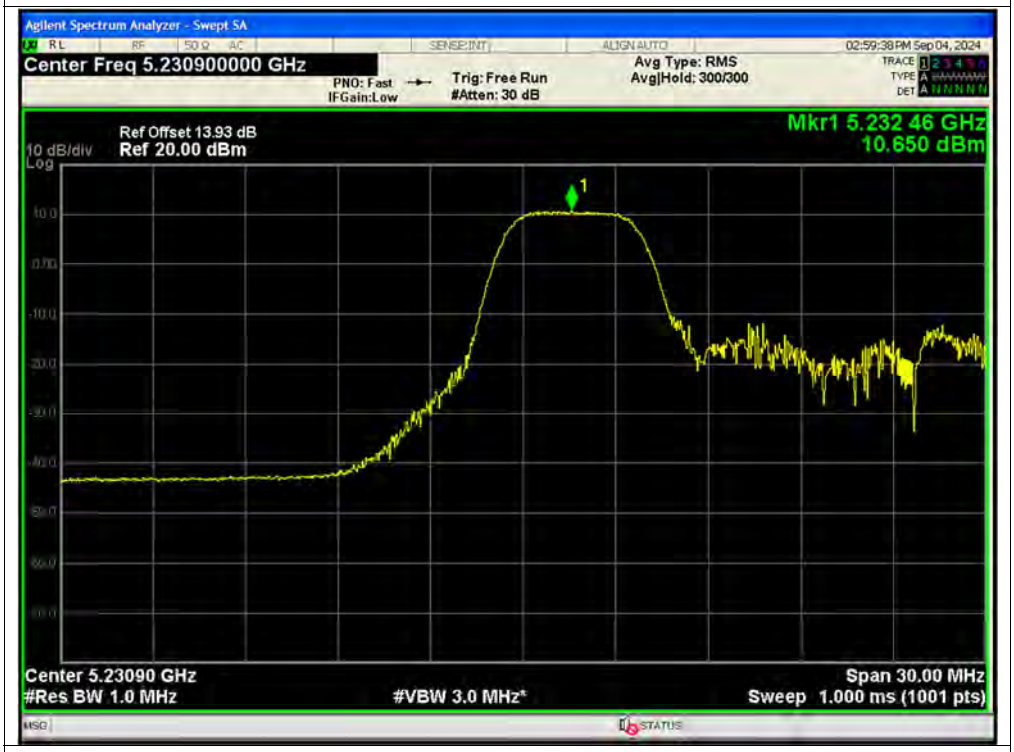
PSD NVNT be20 52@37 5240MHz Ant2 MIMO



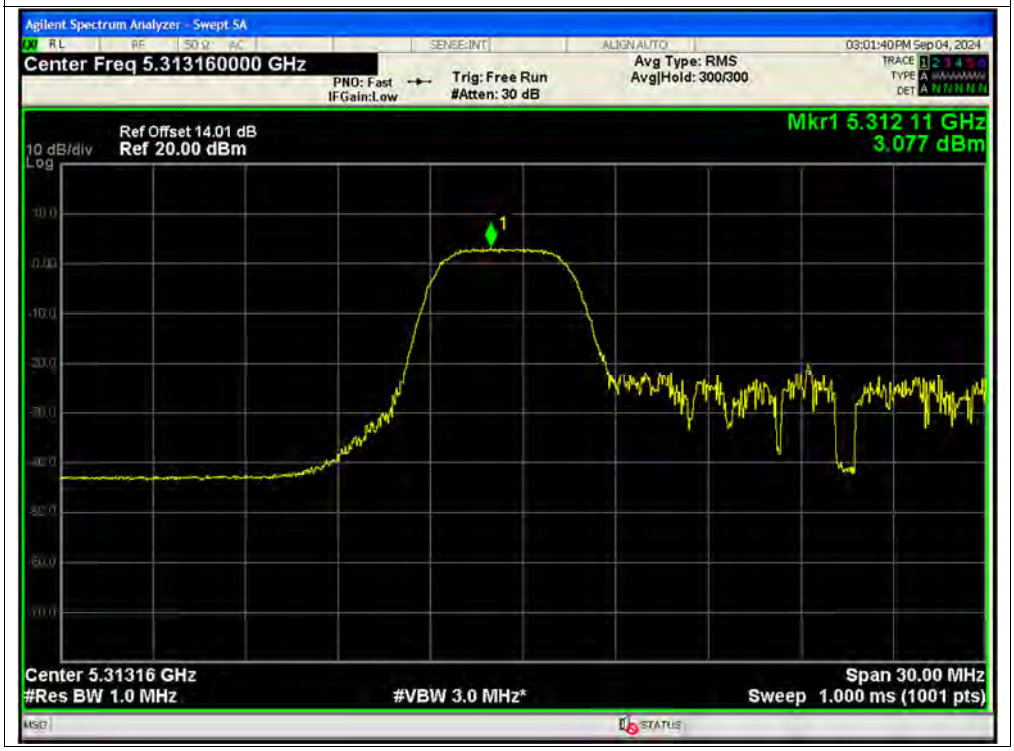
PSD NVNT be20 52@37 5260MHz Ant1 MIMO

PSD NVNT be20 52@37 5260MHz Ant2 MIMO

PSD NVNT be20 52@37 5300MHz Ant1 MIMO

PSD NVNT be20 52@37 5300MHz Ant2 MIMO

PSD NVNT be20 52@37 5320MHz Ant1 MIMO

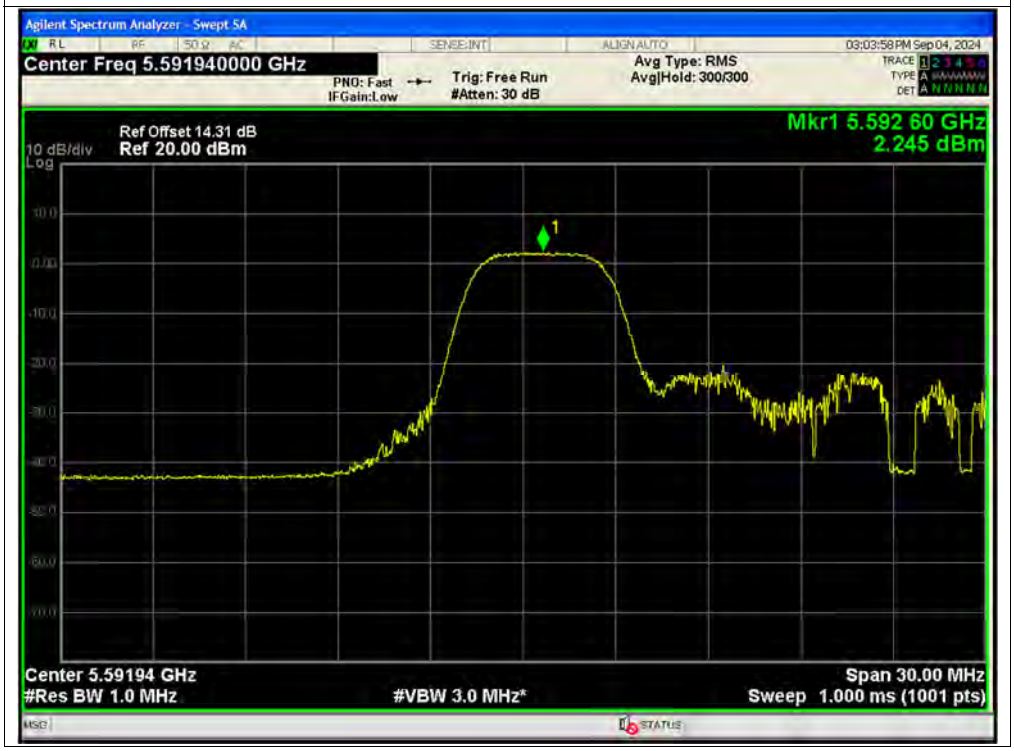


PSD NVNT be20 52@37 5320MHz Ant2 MIMO

PSD NVNT be20 52@37 5500MHz Ant1 MIMO

PSD NVNT be20 52@37 5500MHz Ant2 MIMO

PSD NVNT be20 52@37 5600MHz Ant1 MIMO



PSD NVNT be20 52@37 5600MHz Ant2 MIMO

PSD NVNT be20 52@37 5720MHz Ant1 MIMO

PSD NVNT be20 52@37 5720MHz Ant2 MIMO

PSD NVNT be20 52@37 5745MHz Ant1 MIMO

PSD NVNT be20 52@37 5745MHz Ant2 MIMO

PSD NVNT be20 52@37 5785MHz Ant1 MIMO

PSD NVNT be20 52@37 5785MHz Ant2 MIMO

PSD NVNT be20 52@37 5825MHz Ant1 MIMO

PSD NVNT be20 52@37 5825MHz Ant2 MIMO

PSD NVNT be40 106@53 5190MHz Ant1 SISO

PSD NVNT be40 106@53 5190MHz Ant2 SISO

PSD NVNT be40 106@53 5190MHz Ant1 MIMO

PSD NVNT be40 106@53 5190MHz Ant2 MIMO

PSD NVNT be40 242@61 5190MHz Ant1 SISO

PSD NVNT be40 242@61 5190MHz Ant2 SISO

PSD NVNT be40 242@61 5190MHz Ant1 MIMO

PSD NVNT be40 242@61 5190MHz Ant2 MIMO

PSD NVNT be40 26@0 5190MHz Ant1 SISO

PSD NVNT be40 26@0 5190MHz Ant2 SISO

PSD NVNT be40 26@0 5190MHz Ant1 MIMO

PSD NVNT be40 26@0 5190MHz Ant2 MIMO

PSD NVNT be40 52@37 5190MHz Ant1 SISO

PSD NVNT be40 52@37 5190MHz Ant2 SISO

PSD NVNT be40 52@37 5190MHz Ant1 MIMO

PSD NVNT be40 52@37 5190MHz Ant2 MIMO

PSD NVNT be80 106@53 5210MHz Ant1 SISO

PSD NVNT be80 106@53 5210MHz Ant2 SISO

PSD NVNT be80 106@53 5210MHz Ant1 MIMO

PSD NVNT be80 106@53 5210MHz Ant2 MIMO

PSD NVNT be80 242@61 5210MHz Ant1 SISO

PSD NVNT be80 242@61 5210MHz Ant2 SISO

PSD NVNT be80 242@61 5210MHz Ant1 MIMO

PSD NVNT be80 242@61 5210MHz Ant2 MIMO

PSD NVNT be80 26@0 5210MHz Ant1 SISO

PSD NVNT be80 26@0 5210MHz Ant2 SISO

PSD NVNT be80 26@0 5210MHz Ant1 MIMO

PSD NVNT be80 26@0 5210MHz Ant2 MIMO

PSD NVNT be80 484@65 5210MHz Ant1 SISO

PSD NVNT be80 484@65 5210MHz Ant2 SISO

PSD NVNT be80 484@65 5210MHz Ant1 MIMO

PSD NVNT be80 484@65 5210MHz Ant2 MIMO

PSD NVNT be80 52@37 5210MHz Ant1 SISO

PSD NVNT be80 52@37 5210MHz Ant2 SISO

PSD NVNT be80 52@37 5210MHz Ant1 MIMO

PSD NVNT be80 52@37 5210MHz Ant2 MIMO

A.5. Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 3.6V	CW	5180	Ant1	5179.991	-9000	-1.74	25	Pass
20C 3.85V	CW	5180	Ant1	5179.992	-8000	-1.54	25	Pass
20C 4.3V	CW	5180	Ant1	5179.991	-9000	-1.74	25	Pass
-10C 3.85V	CW	5180	Ant1	5179.991	-9000	-1.74	25	Pass
0C 3.85V	CW	5180	Ant1	5179.992	-8000	-1.54	25	Pass
10C 3.85V	CW	5180	Ant1	5179.991	-9000	-1.74	25	Pass
30C 3.85V	CW	5180	Ant1	5179.992	-8000	-1.54	25	Pass
40C 3.85V	CW	5180	Ant1	5179.992	-8000	-1.54	25	Pass
50C 3.85V	CW	5180	Ant1	5179.992	-8000	-1.54	25	Pass
55C 3.85V	CW	5180	Ant1	5179.992	-8000	-1.54	25	Pass
20C 3.6V	CW	5260	Ant1	5259.992	-8000	-1.52	25	Pass
20C 3.85V	CW	5260	Ant1	5259.992	-8000	-1.52	25	Pass
20C 4.3V	CW	5260	Ant1	5259.992	-8000	-1.52	25	Pass
-10C 3.85V	CW	5260	Ant1	5259.992	-8000	-1.52	25	Pass
0C 3.85V	CW	5260	Ant1	5259.992	-8000	-1.52	25	Pass
10C 3.85V	CW	5260	Ant1	5259.991	-9000	-1.71	25	Pass
30C 3.85V	CW	5260	Ant1	5259.992	-8000	-1.52	25	Pass
40C 3.85V	CW	5260	Ant1	5259.992	-8000	-1.52	25	Pass
50C 3.85V	CW	5260	Ant1	5259.992	-8000	-1.52	25	Pass
55C 3.85V	CW	5260	Ant1	5259.992	-8000	-1.52	25	Pass
20C 3.6V	CW	5500	Ant1	5499.991	-9000	-1.64	25	Pass
20C 3.85V	CW	5500	Ant1	5499.991	-9000	-1.64	25	Pass
20C 4.3V	CW	5500	Ant1	5499.991	-9000	-1.64	25	Pass
-10C 3.85V	CW	5500	Ant1	5499.991	-9000	-1.64	25	Pass
0C 3.85V	CW	5500	Ant1	5499.991	-9000	-1.64	25	Pass
10C 3.85V	CW	5500	Ant1	5499.991	-9000	-1.64	25	Pass
30C 3.85V	CW	5500	Ant1	5499.991	-9000	-1.64	25	Pass
40C 3.85V	CW	5500	Ant1	5499.991	-9000	-1.64	25	Pass
50C 3.85V	CW	5500	Ant1	5499.991	-9000	-1.64	25	Pass
55C 3.85V	CW	5500	Ant1	5499.991	-9000	-1.64	25	Pass
20C 3.6V	CW	5745	Ant1	5744.991	-9000	-1.57	25	Pass
20C 3.85V	CW	5745	Ant1	5744.991	-9000	-1.57	25	Pass
20C 4.3V	CW	5745	Ant1	5744.991	-9000	-1.57	25	Pass
-10C 3.85V	CW	5745	Ant1	5744.991	-9000	-1.57	25	Pass

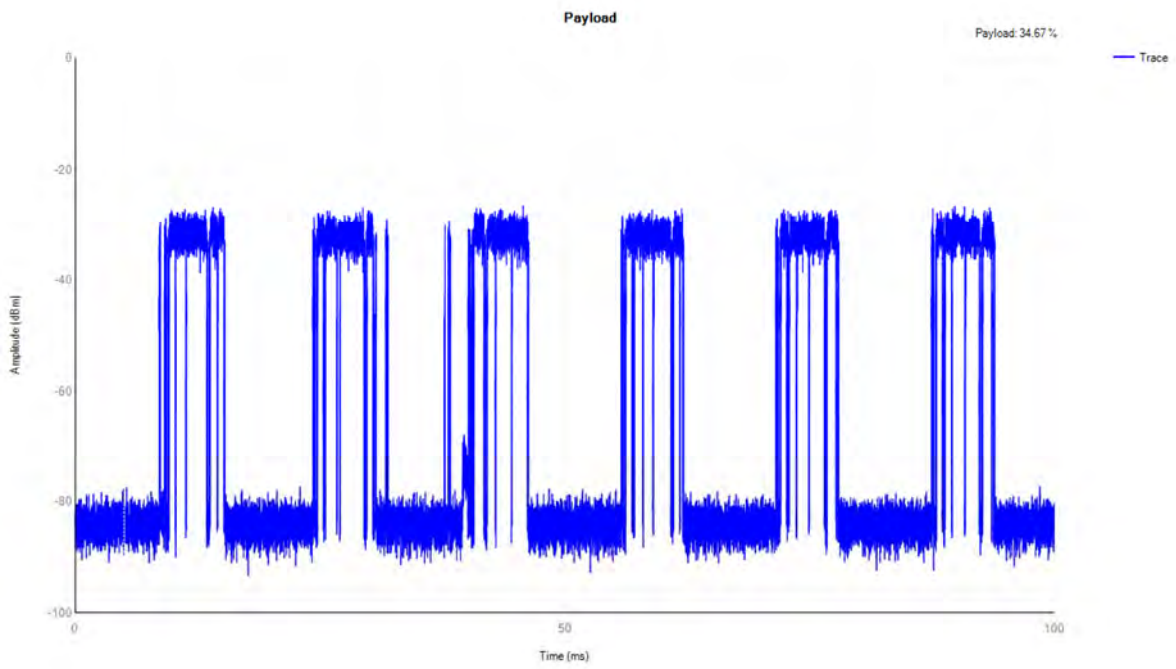
0C 3.85V	CW	5745	Ant1	5744.991	-9000	-1.57	25	Pass
10C 3.85V	CW	5745	Ant1	5744.991	-9000	-1.57	25	Pass
30C 3.85V	CW	5745	Ant1	5744.991	-9000	-1.57	25	Pass
40C 3.85V	CW	5745	Ant1	5744.991	-9000	-1.57	25	Pass
50C 3.85V	CW	5745	Ant1	5744.991	-9000	-1.57	25	Pass
55C 3.85V	CW	5745	Ant1	5744.991	-9000	-1.57	25	Pass

A.6. Dynamic Frequency Selection

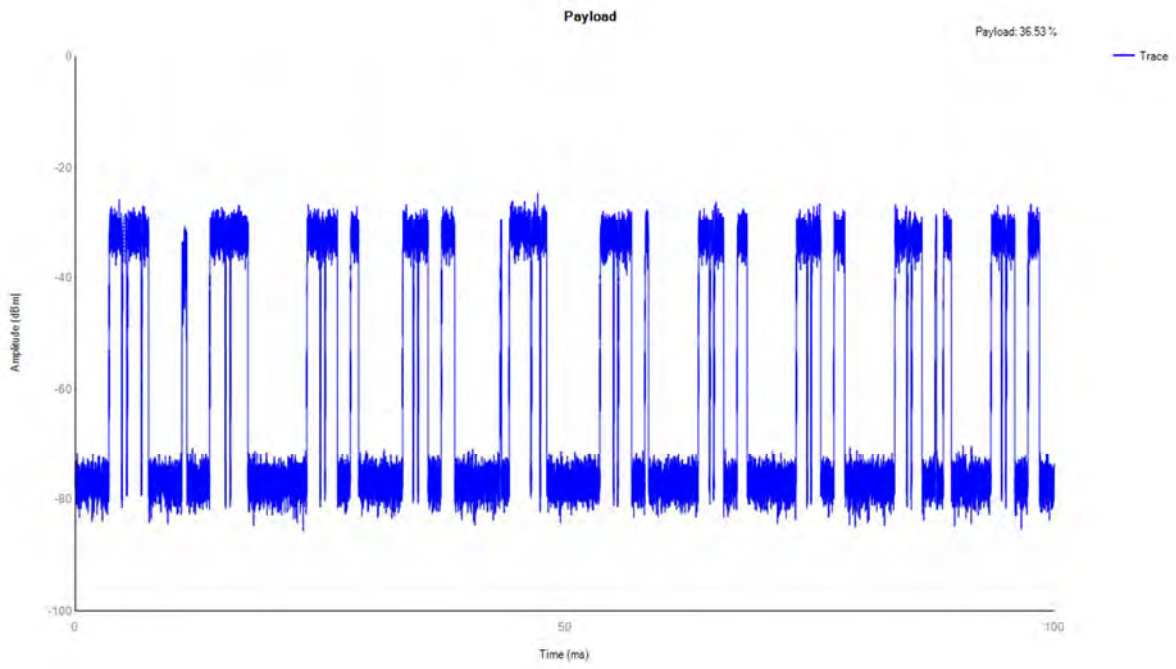
Payload

Mode	Frequency (MHz)	Result	Verdict
ax20	5260	34.67	Pass
ax80	5290	36.53	Pass
ax160	5570	30.67	Pass

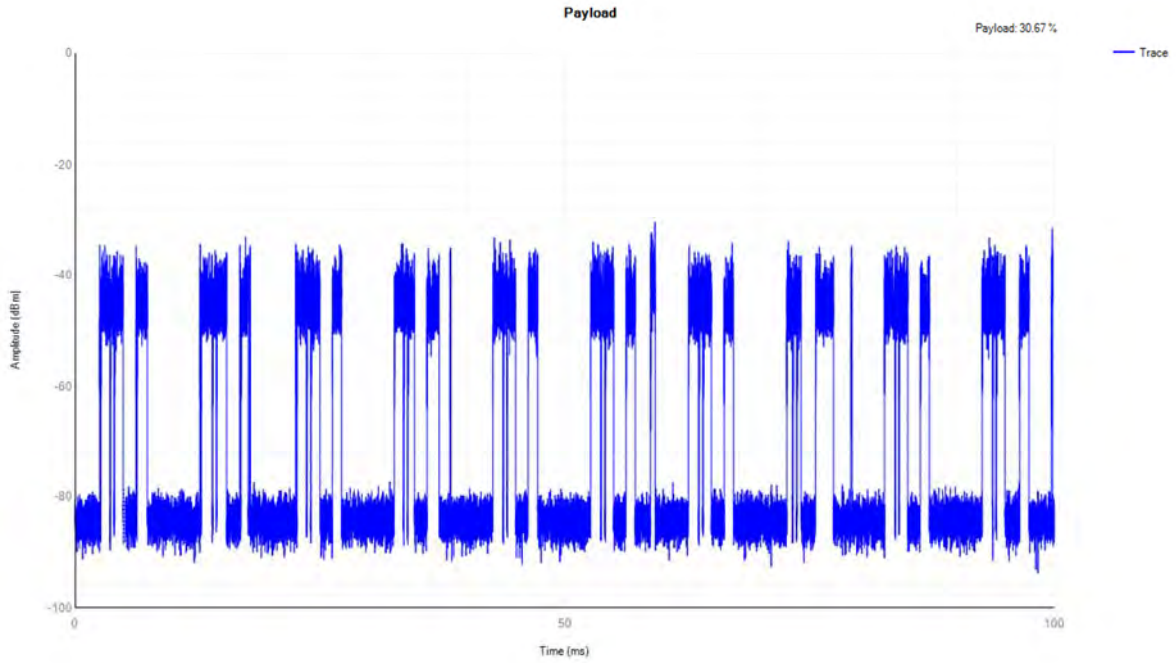
Test Graphs
ax20 5260MHz Payload



ax80 5290MHz Payload



ax160 5570MHz Payload



Detection Thresholds

Mode	Frequency (MHz)	Type	Result	Verdict
ax20	5260	DFS_FCC_T0	See test Graph	Pass
ax20	5260	DFS_FCC_T1000	See test Graph	Pass
ax20	5260	DFS_FCC_T2000	See test Graph	Pass
ax20	5260	DFS_FCC_T3000	See test Graph	Pass
ax20	5260	DFS_FCC_T4000	See test Graph	Pass
ax20	5260	DFS_FCC_T5000	See test Graph	Pass
ax20	5260	DFS_FCC_T6000	See test Graph	Pass
ax20	5500	DFS_FCC_T0	See test Graph	Pass
ax20	5500	DFS_FCC_T1000	See test Graph	Pass
ax20	5500	DFS_FCC_T2000	See test Graph	Pass
ax20	5500	DFS_FCC_T3000	See test Graph	Pass
ax20	5500	DFS_FCC_T4000	See test Graph	Pass
ax20	5500	DFS_FCC_T5000	See test Graph	Pass
ax20	5500	DFS_FCC_T6000	See test Graph	Pass
ax40	5270	DFS_FCC_T0	See test Graph	Pass
ax40	5270	DFS_FCC_T1000	See test Graph	Pass
ax40	5270	DFS_FCC_T2000	See test Graph	Pass
ax40	5270	DFS_FCC_T3000	See test Graph	Pass
ax40	5270	DFS_FCC_T4000	See test Graph	Pass
ax40	5270	DFS_FCC_T5000	See test Graph	Pass
ax40	5270	DFS_FCC_T6000	See test Graph	Pass
ax40	5510	DFS_FCC_T0	See test Graph	Pass
ax40	5510	DFS_FCC_T1000	See test Graph	Pass
ax40	5510	DFS_FCC_T2000	See test Graph	Pass
ax40	5510	DFS_FCC_T3000	See test Graph	Pass
ax40	5510	DFS_FCC_T4000	See test Graph	Pass
ax40	5510	DFS_FCC_T5000	See test Graph	Pass
ax40	5510	DFS_FCC_T6000	See test Graph	Pass
ax80	5290	DFS_FCC_T0	See test Graph	Pass
ax80	5290	DFS_FCC_T1000	See test Graph	Pass
ax80	5290	DFS_FCC_T2000	See test Graph	Pass
ax80	5290	DFS_FCC_T3000	See test Graph	Pass
ax80	5290	DFS_FCC_T4000	See test Graph	Pass
ax80	5290	DFS_FCC_T5000	See test Graph	Pass
ax80	5290	DFS_FCC_T6000	See test Graph	Pass
ax80	5530	DFS_FCC_T0	See test Graph	Pass

ax80	5530	DFS_FCC_T1000	See test Graph	Pass
ax80	5530	DFS_FCC_T2000	See test Graph	Pass
ax80	5530	DFS_FCC_T3000	See test Graph	Pass
ax80	5530	DFS_FCC_T4000	See test Graph	Pass
ax80	5530	DFS_FCC_T5000	See test Graph	Pass
ax80	5530	DFS_FCC_T6000	See test Graph	Pass
ax160	5570	DFS_FCC_T0	See test Graph	Pass
ax160	5570	DFS_FCC_T1000	See test Graph	Pass
ax160	5570	DFS_FCC_T2000	See test Graph	Pass
ax160	5570	DFS_FCC_T3000	See test Graph	Pass
ax160	5570	DFS_FCC_T4000	See test Graph	Pass
ax160	5570	DFS_FCC_T5000	See test Graph	Pass
ax160	5570	DFS_FCC_T6000	See test Graph	Pass

Spectrum analyzer settings:

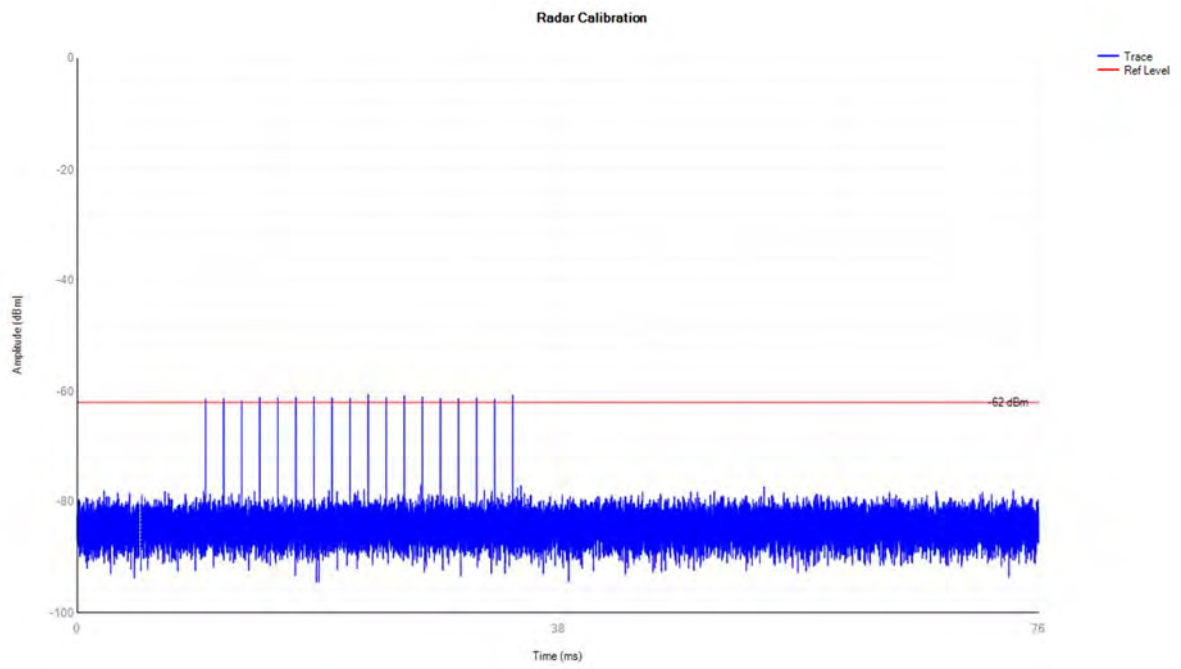
Span: Zero

Detector Type: Peak

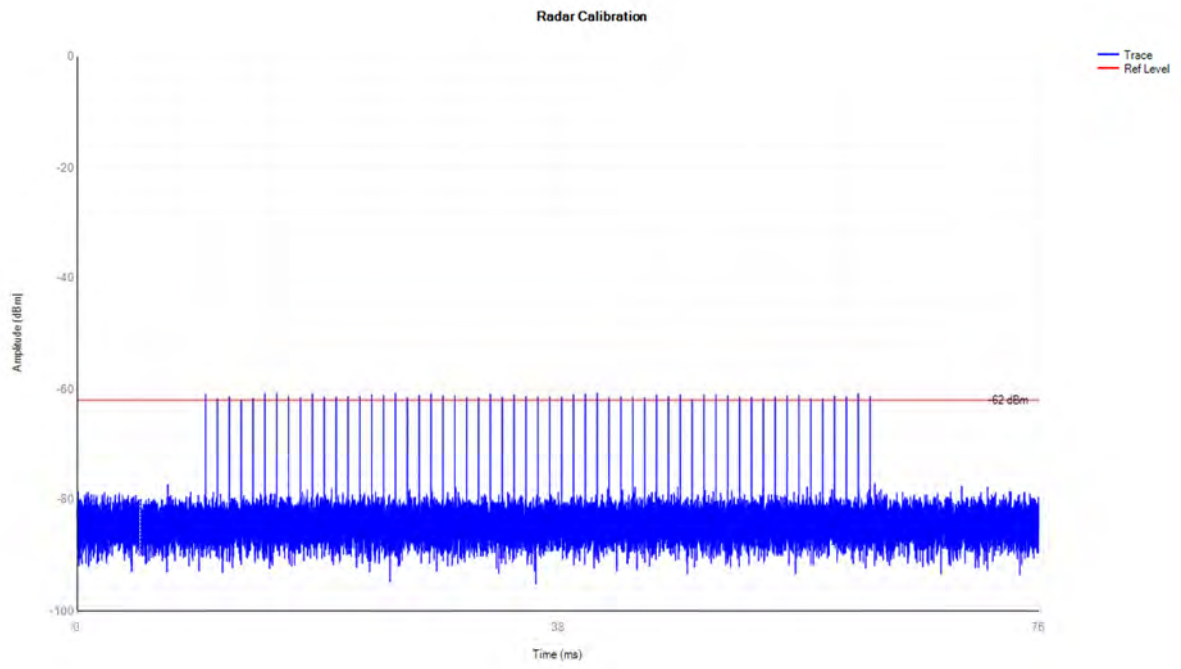
RBW: 3MHz

VBW: 3MHz

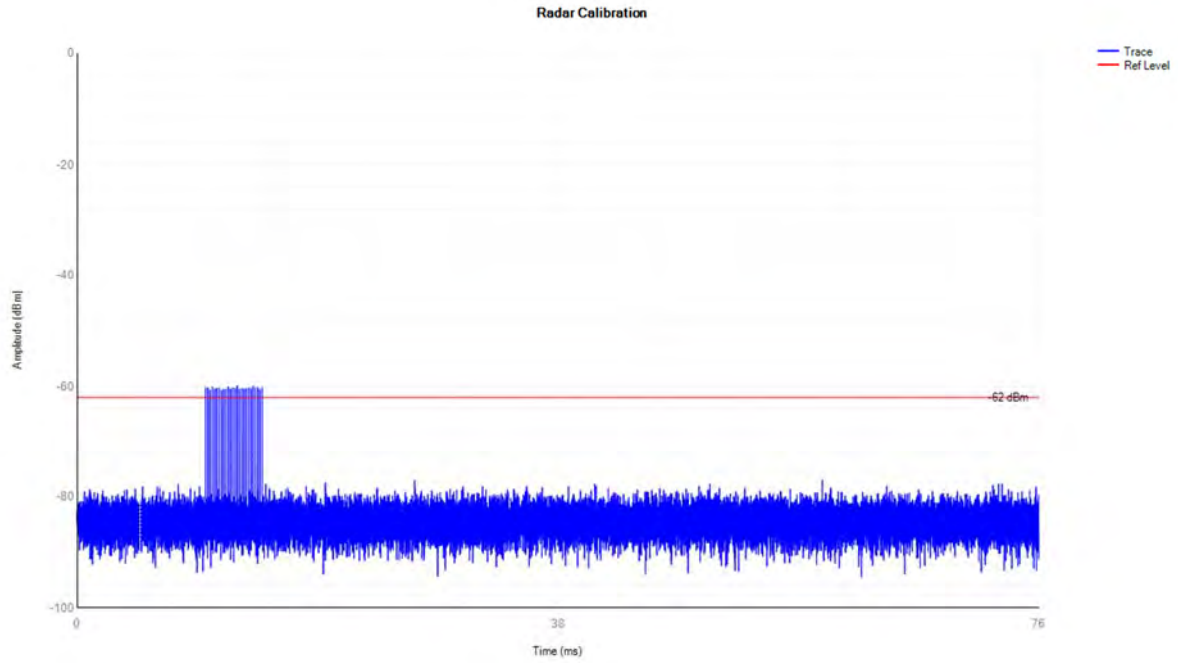
Test Graphs
5260MHz DFS_FCC_T0



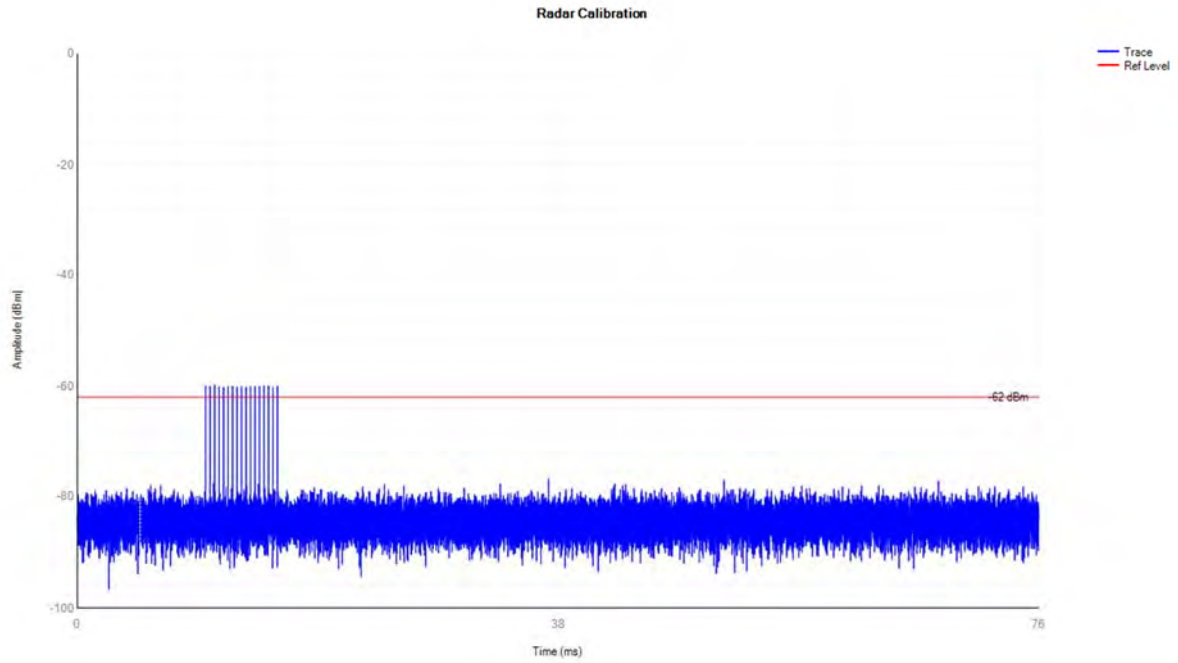
5260MHz DFS_FCC_T1000



5260MHz DFS_FCC_T2000



5260MHz DFS_FCC_T3000



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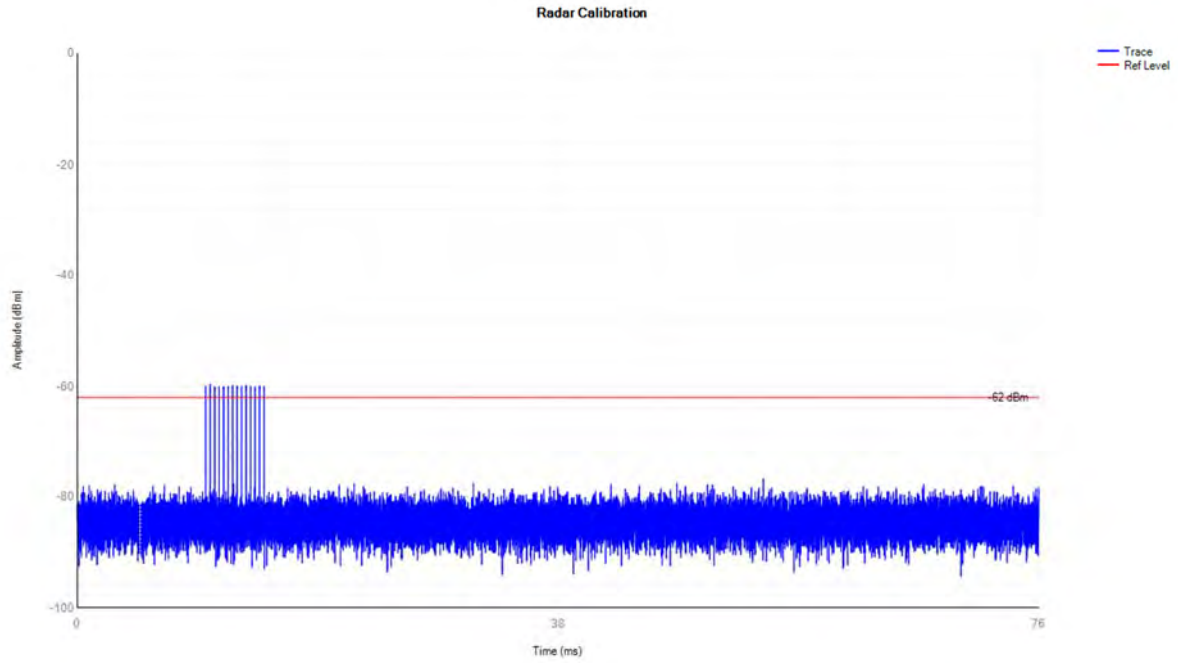
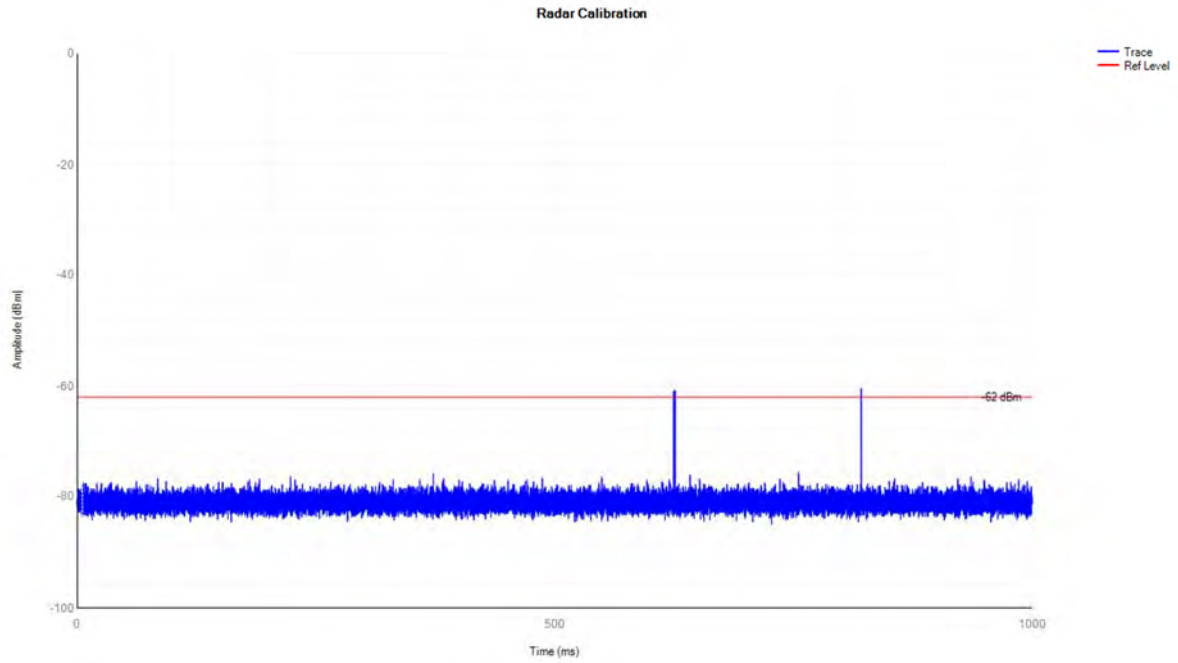
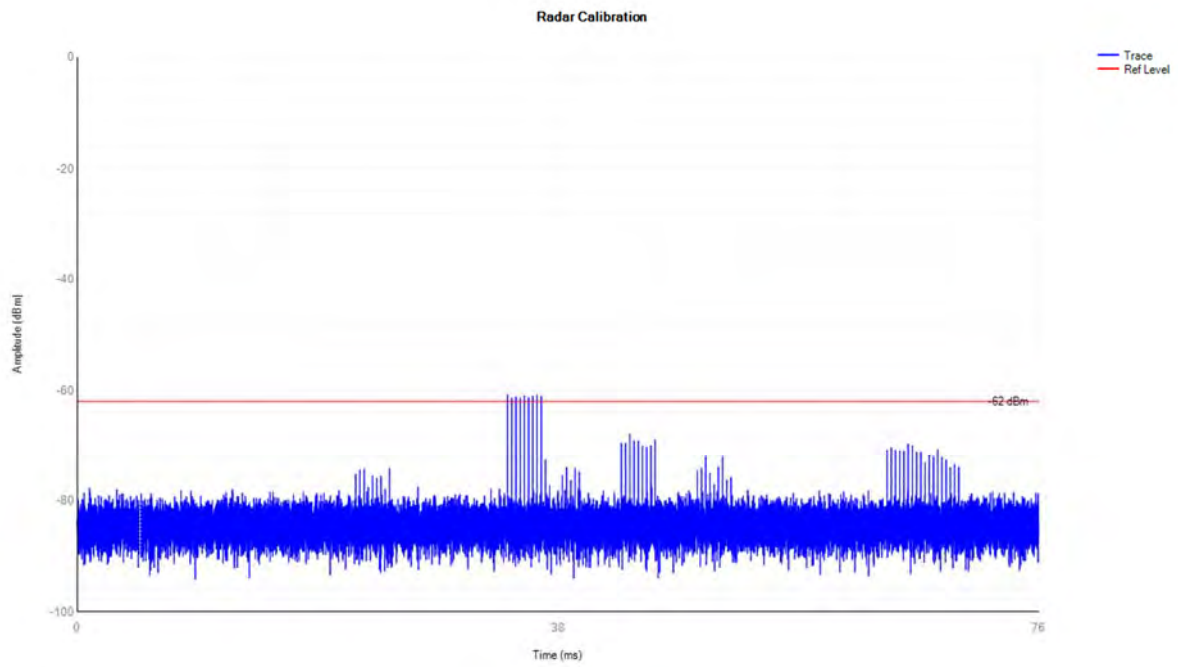


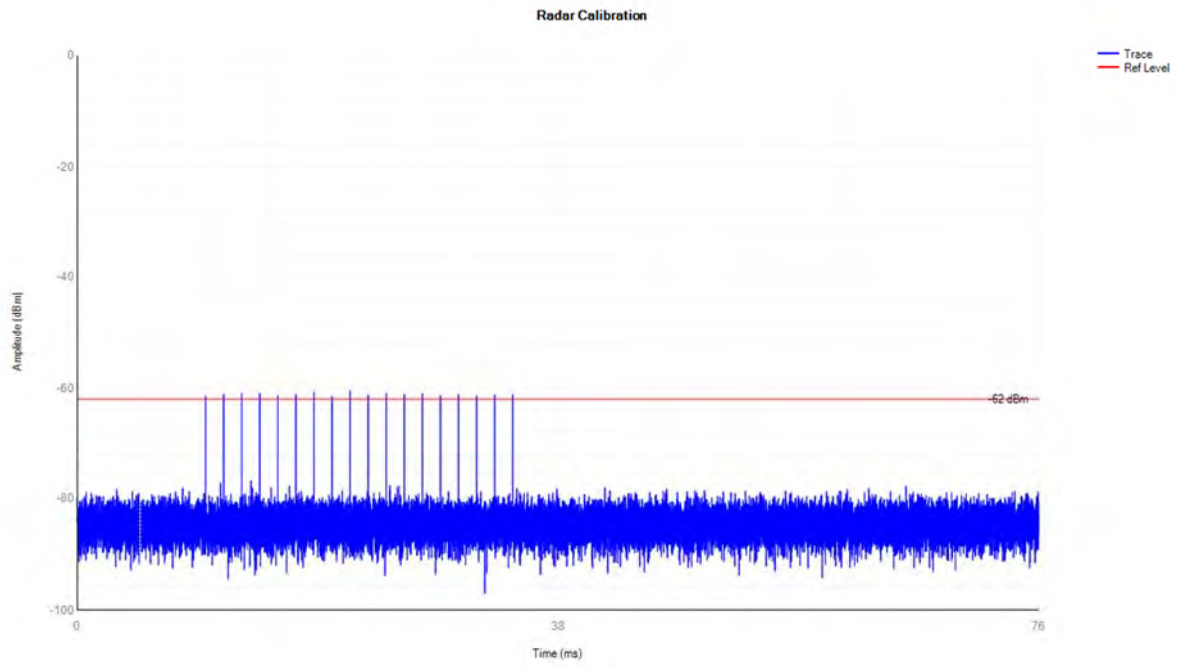
5260MHz DFS_FCC_T5000



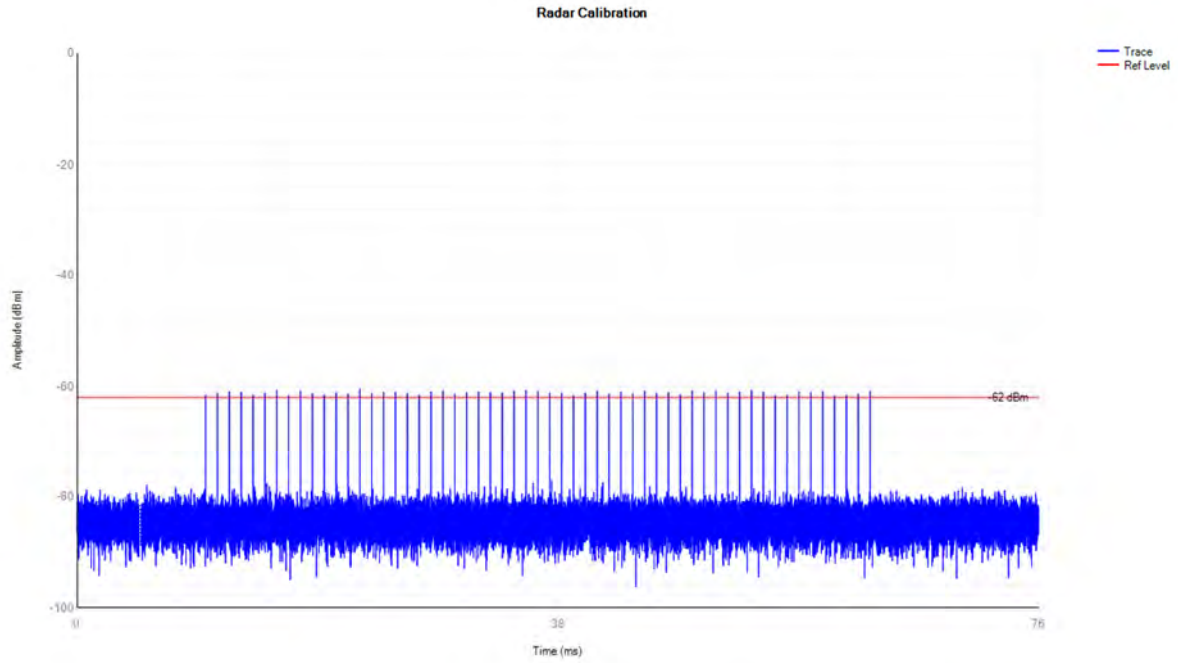
5260MHz DFS_FCC_T6000



5500MHz DFS_FCC_T0



5500MHz DFS_FCC_T1000



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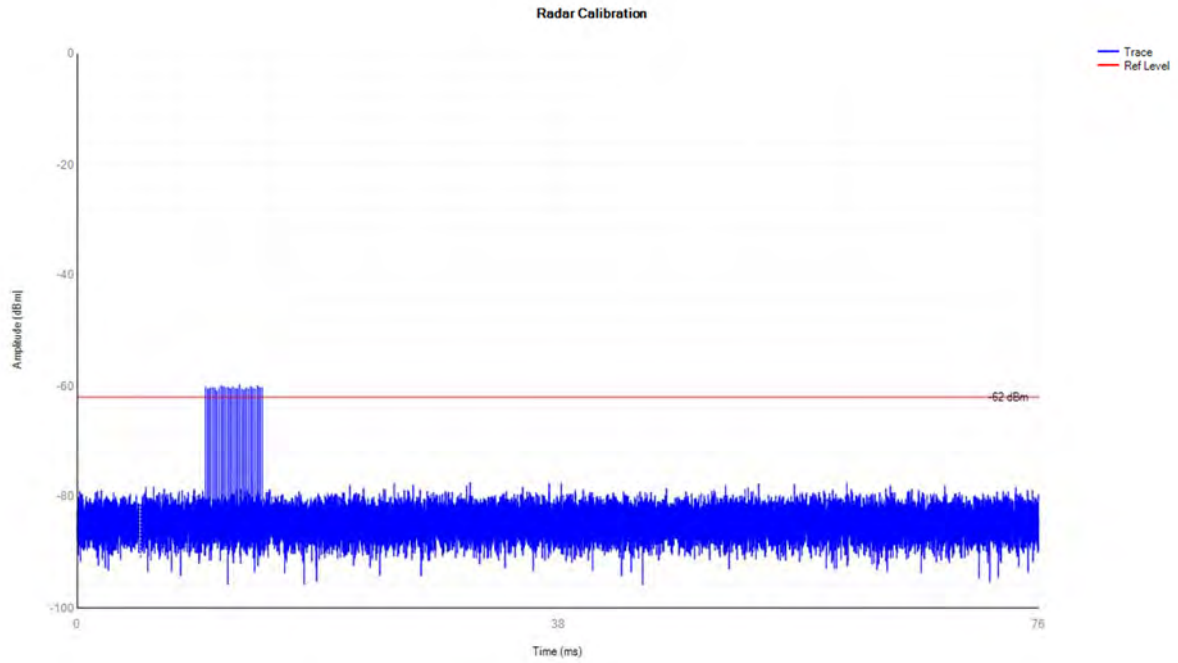
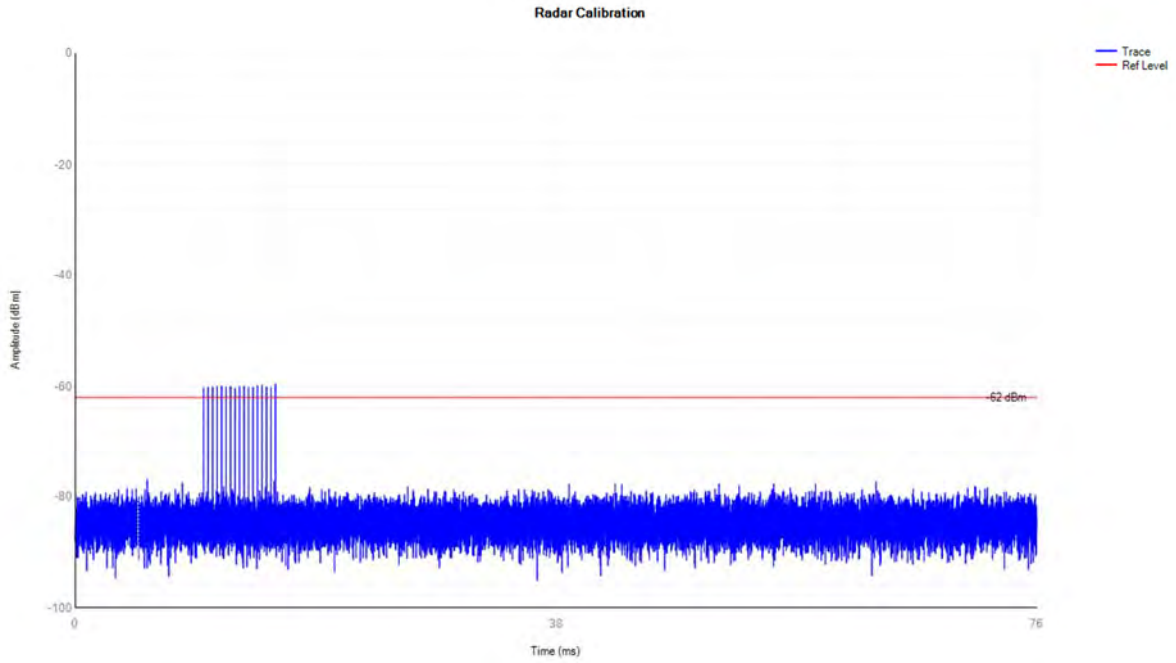


5500MHz DFS_FCC_T3000



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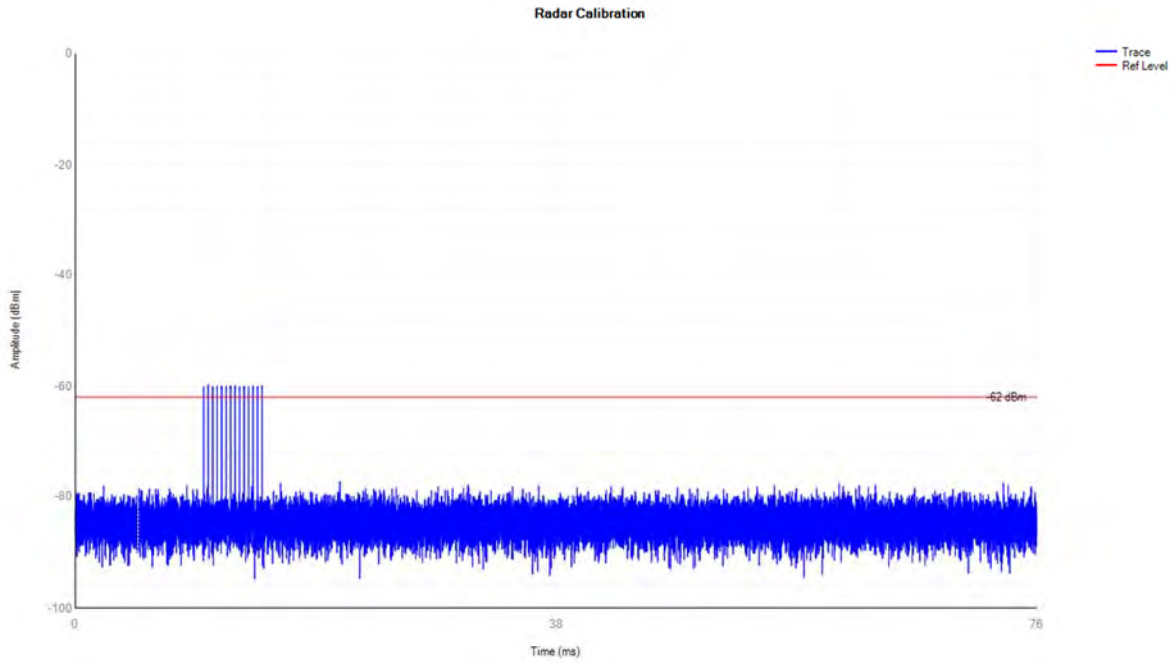
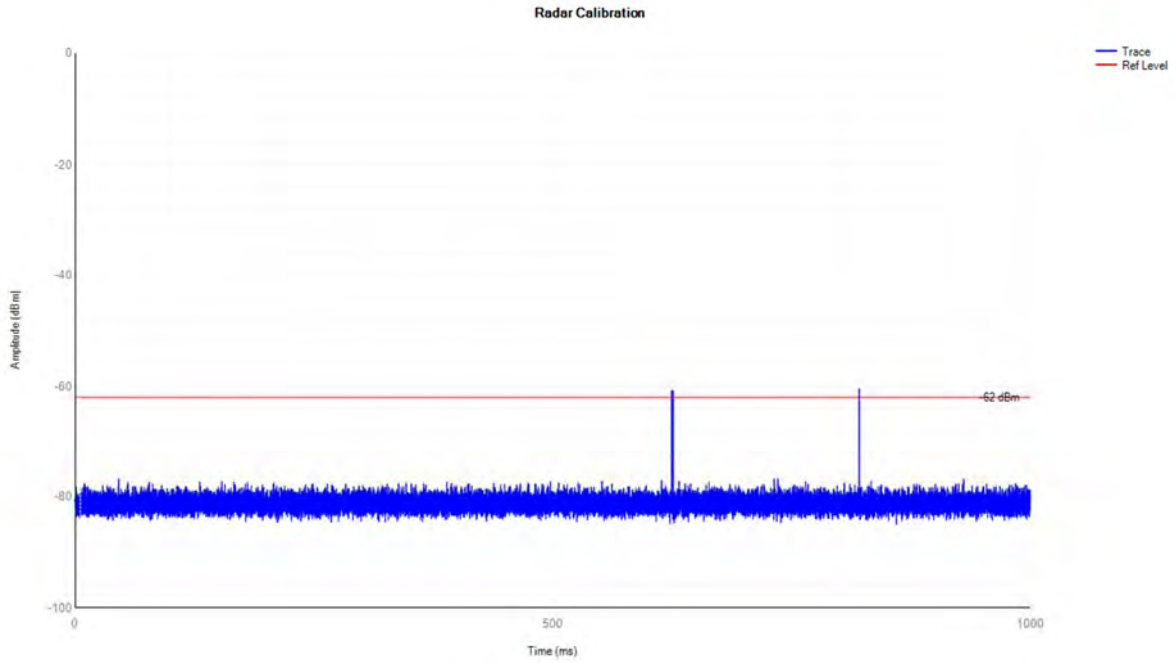


5500MHz DFS_FCC_T5000



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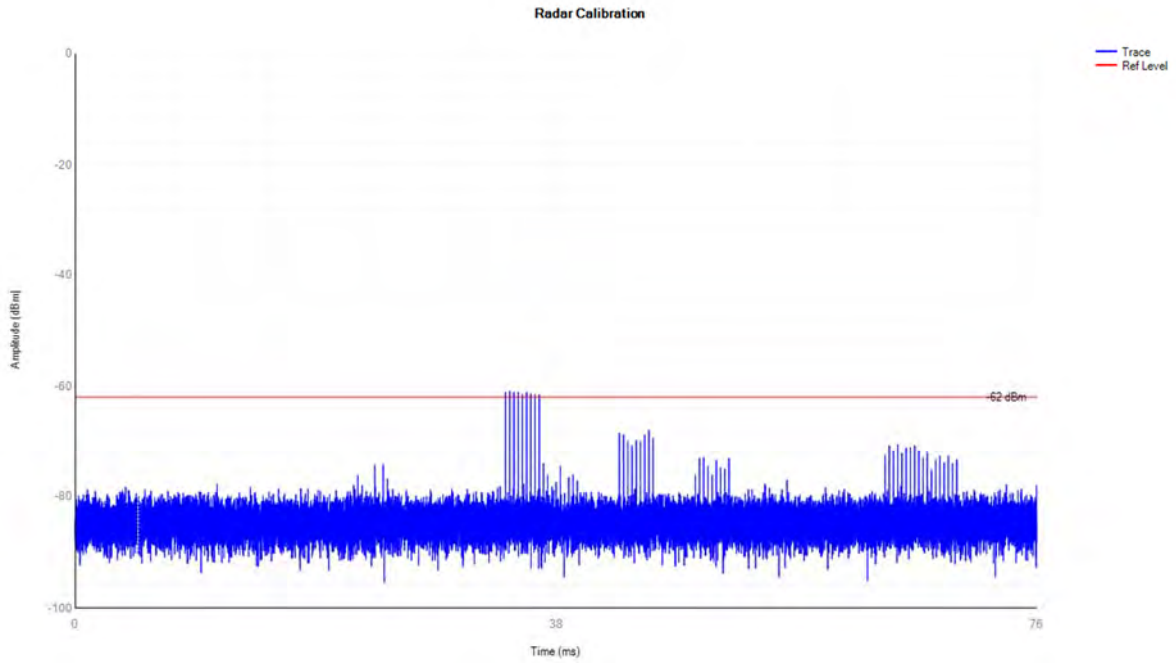

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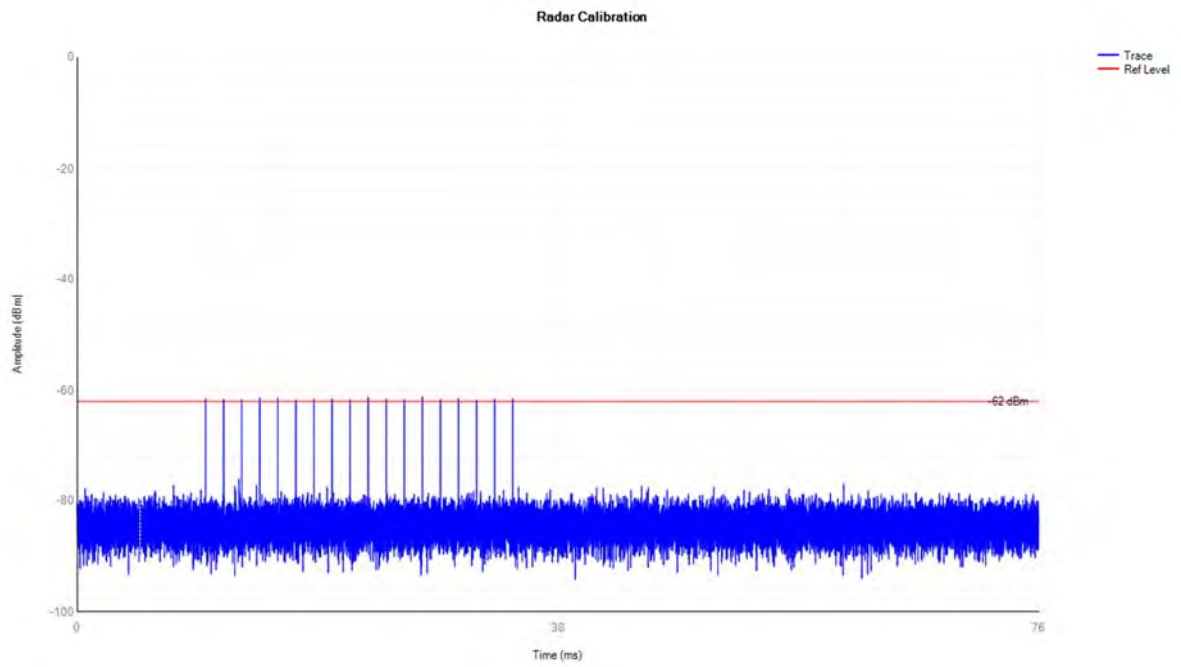

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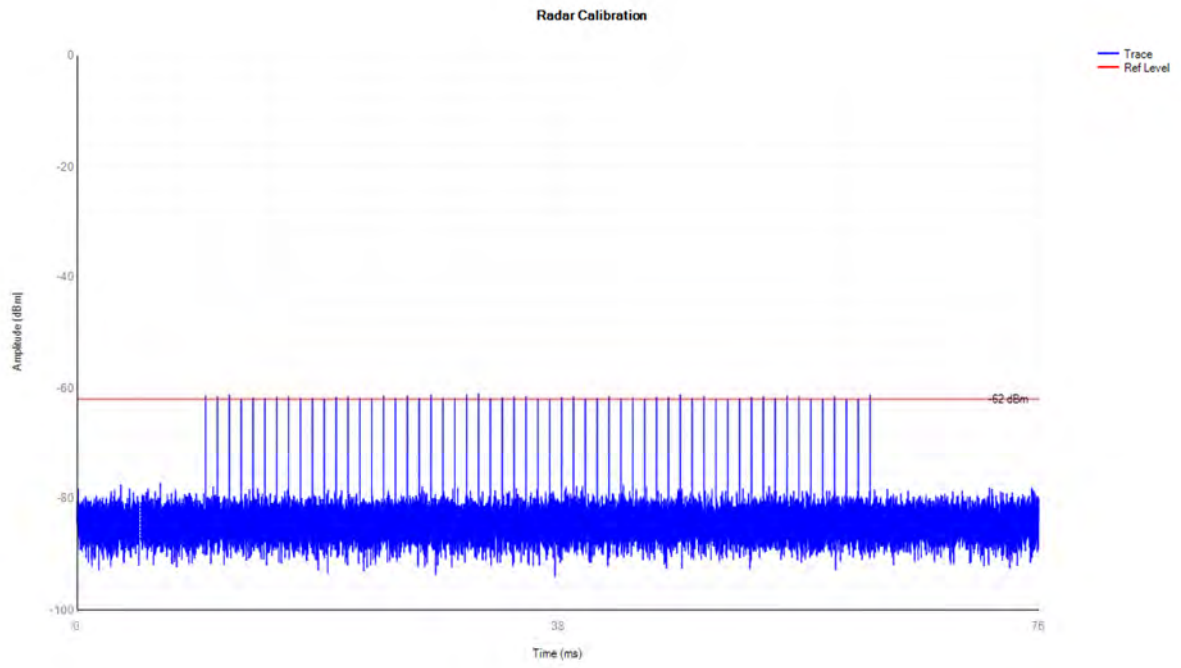
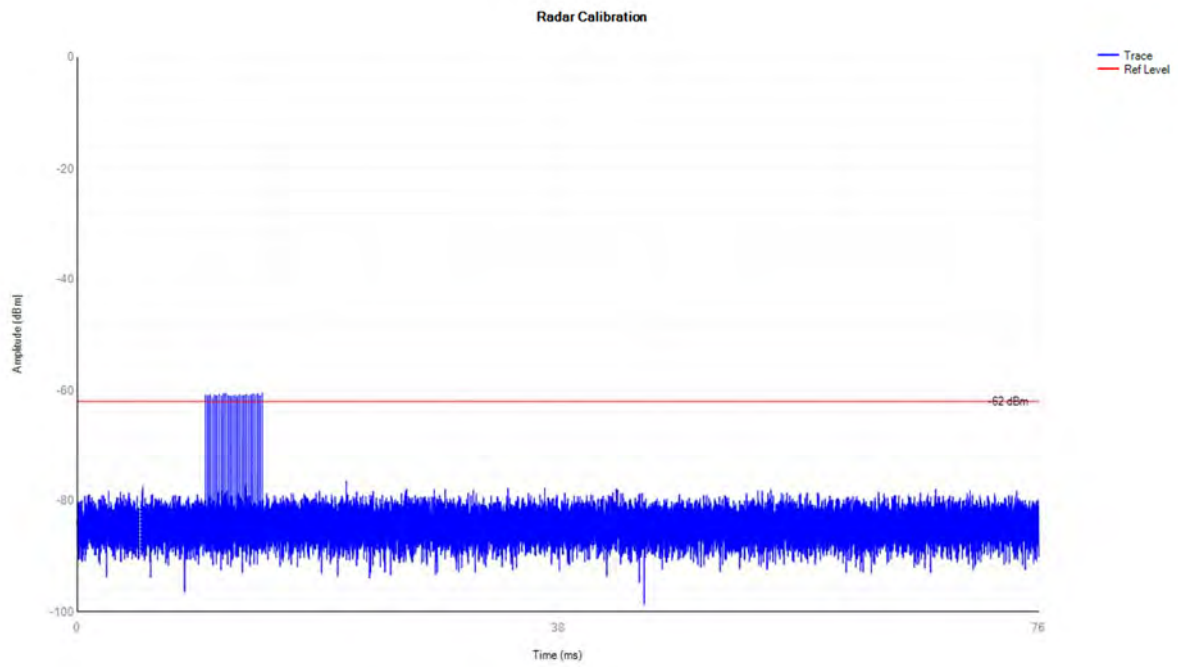
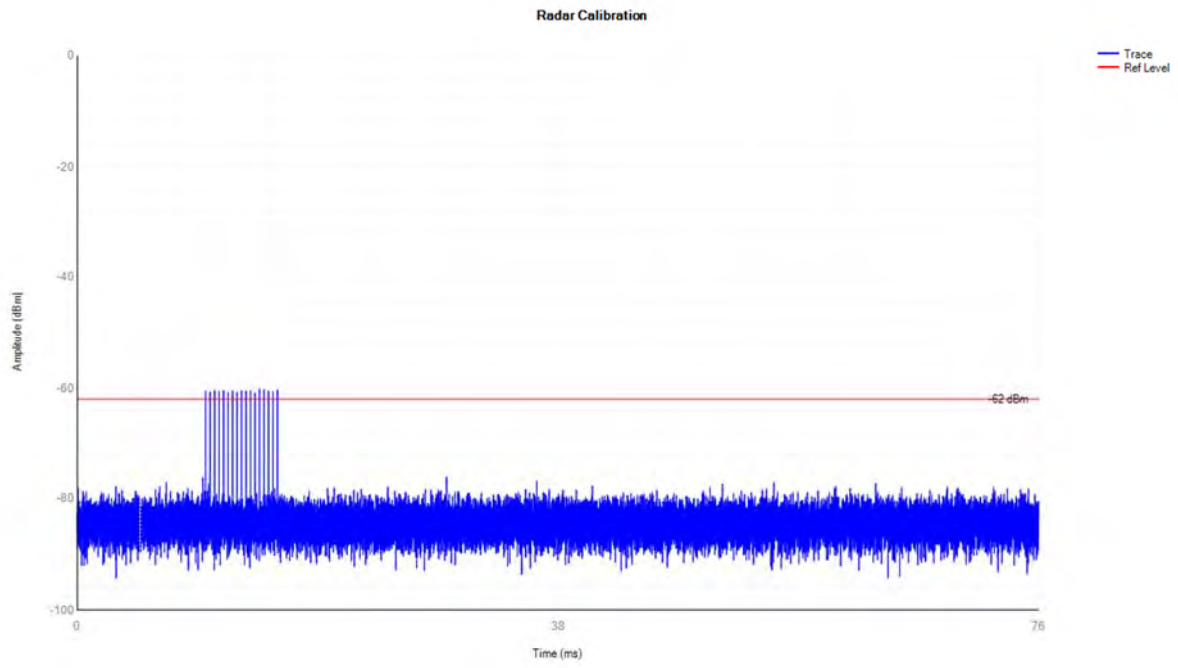


5270MHz DFS_FCC_T2000



5270MHz DFS_FCC_T3000



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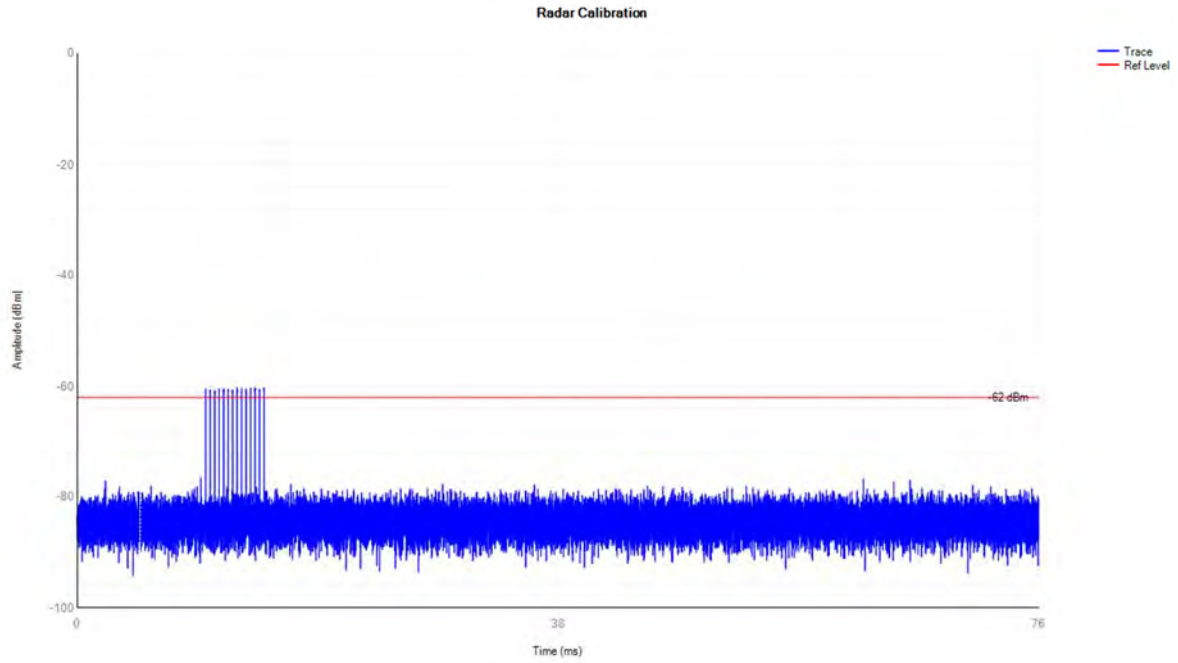

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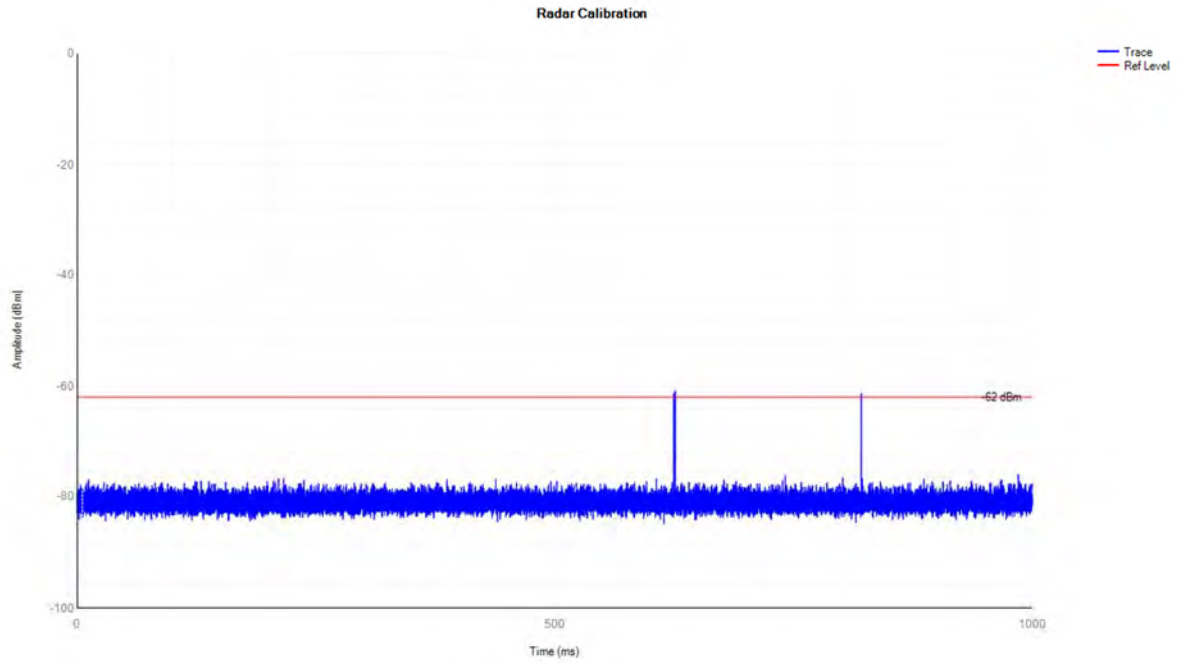

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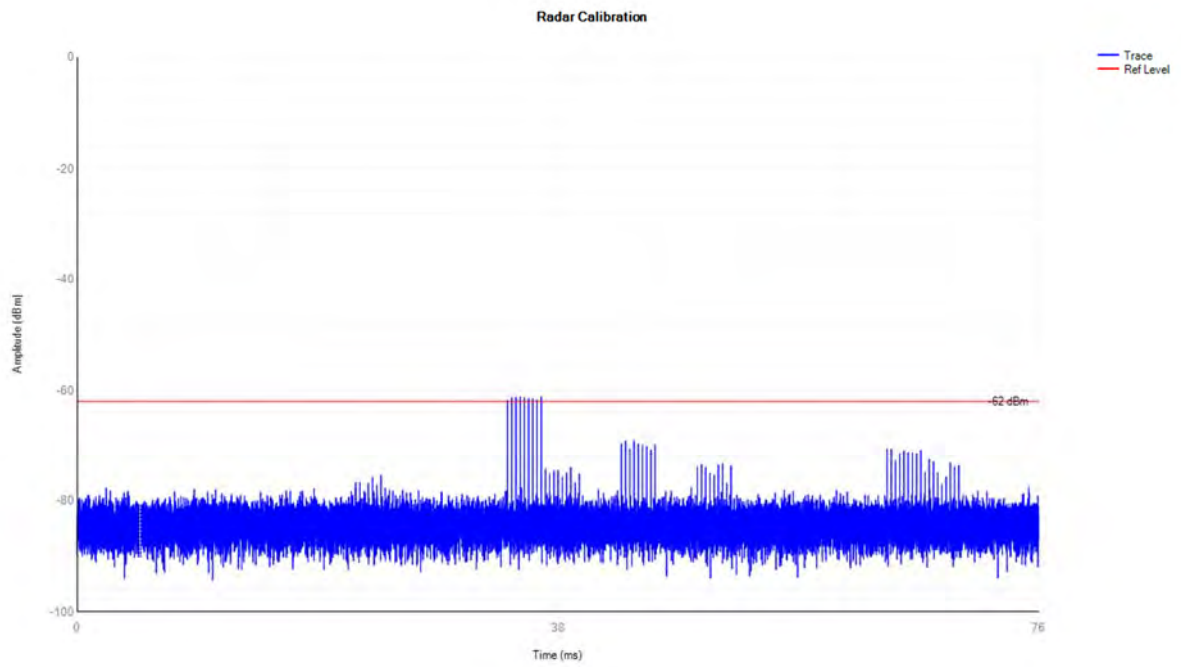
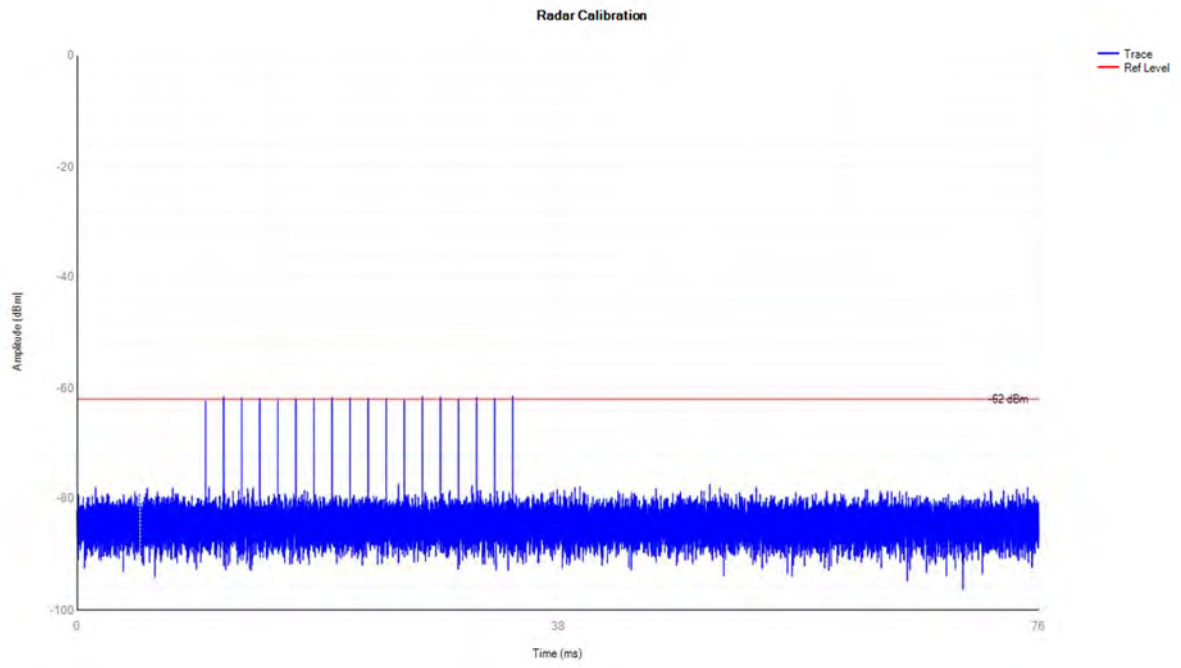
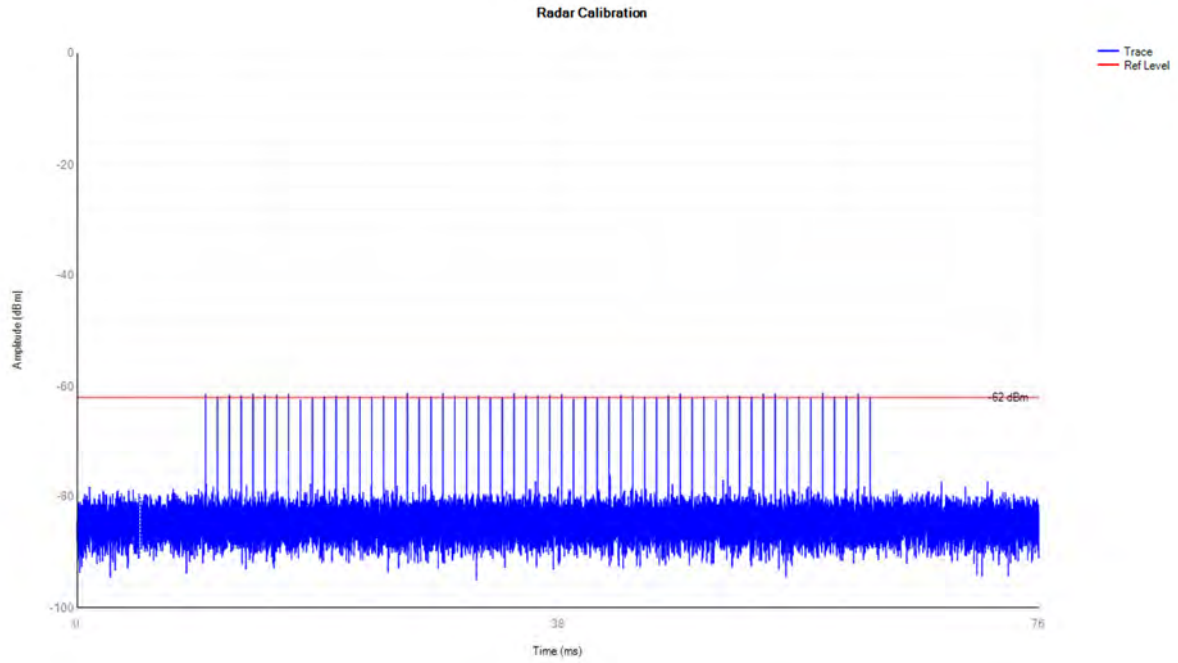


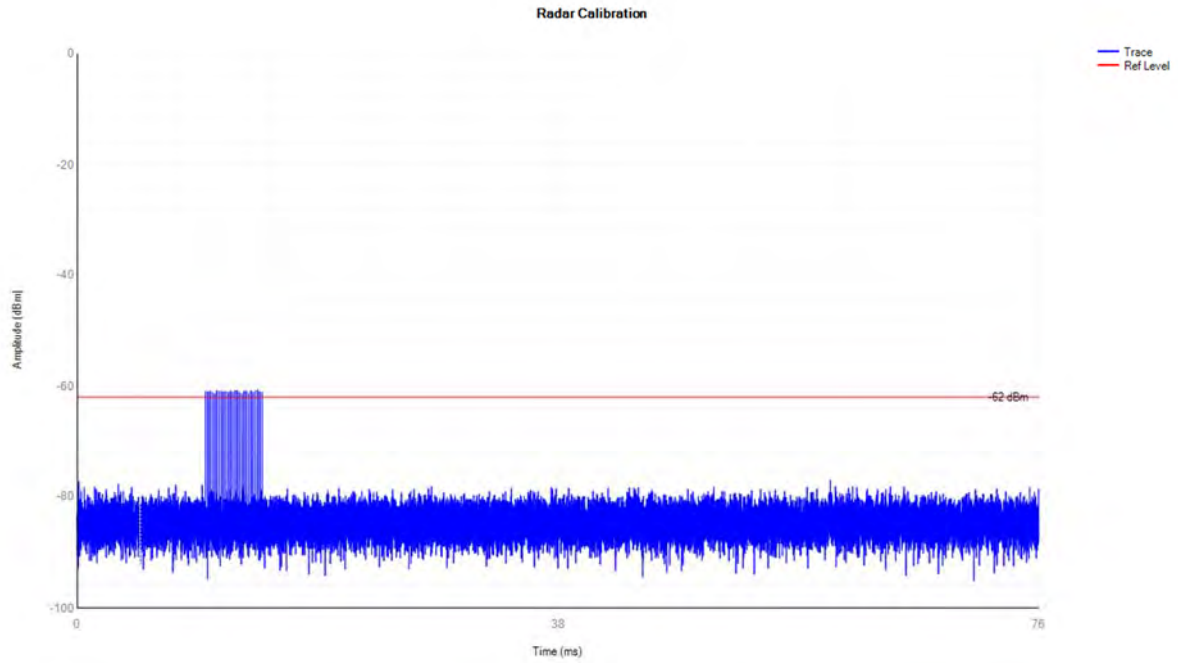
5510MHz DFS_FCC_T0



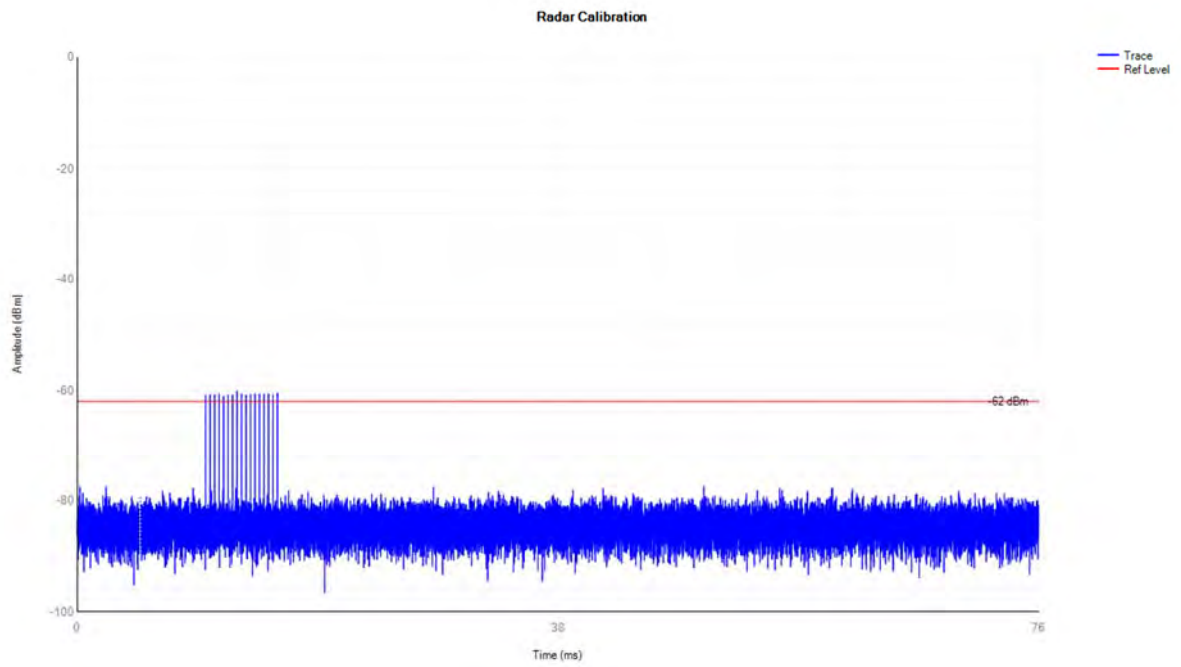
5510MHz DFS_FCC_T1000



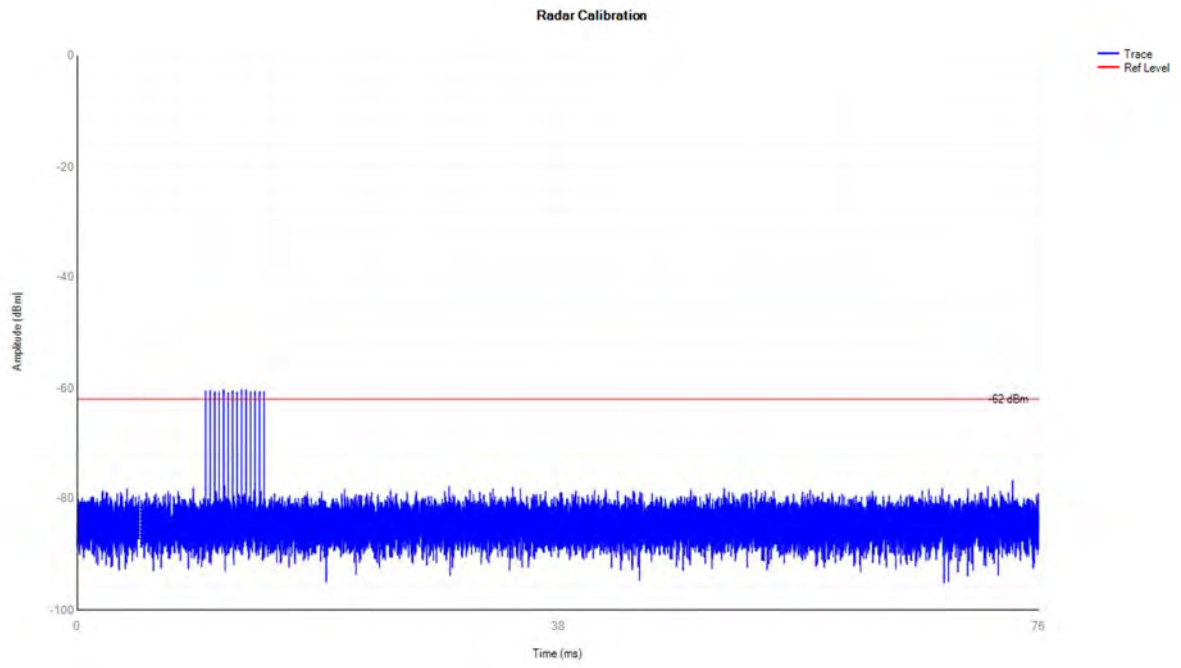
5510MHz DFS_FCC_T2000



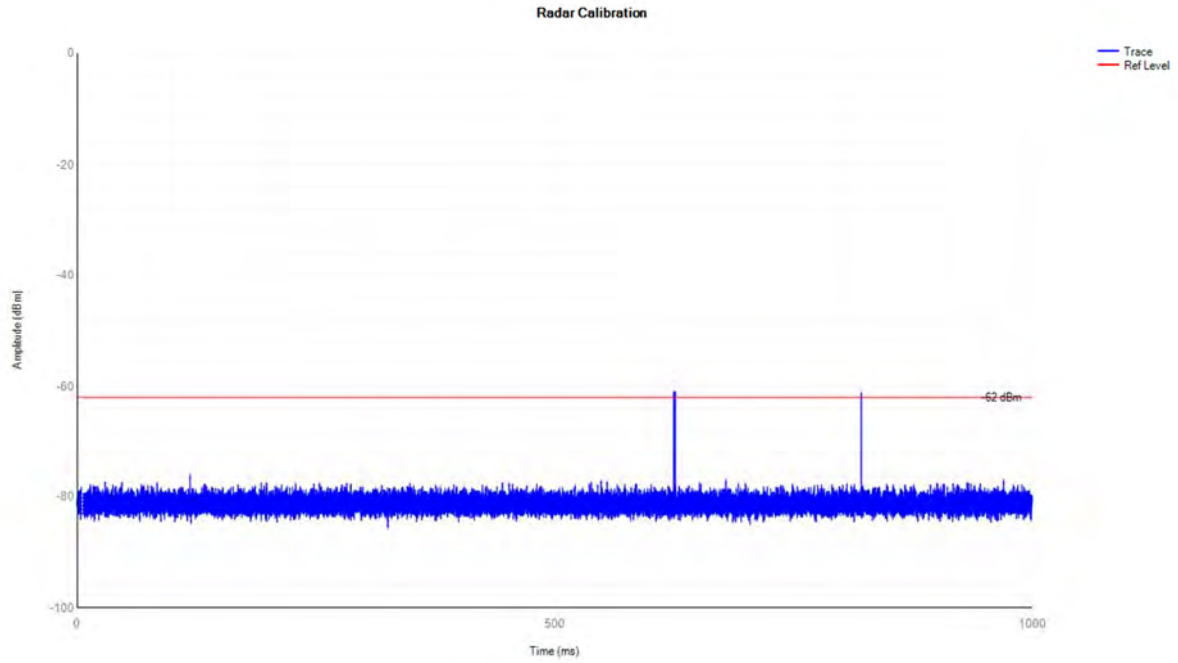
5510MHz DFS_FCC_T3000



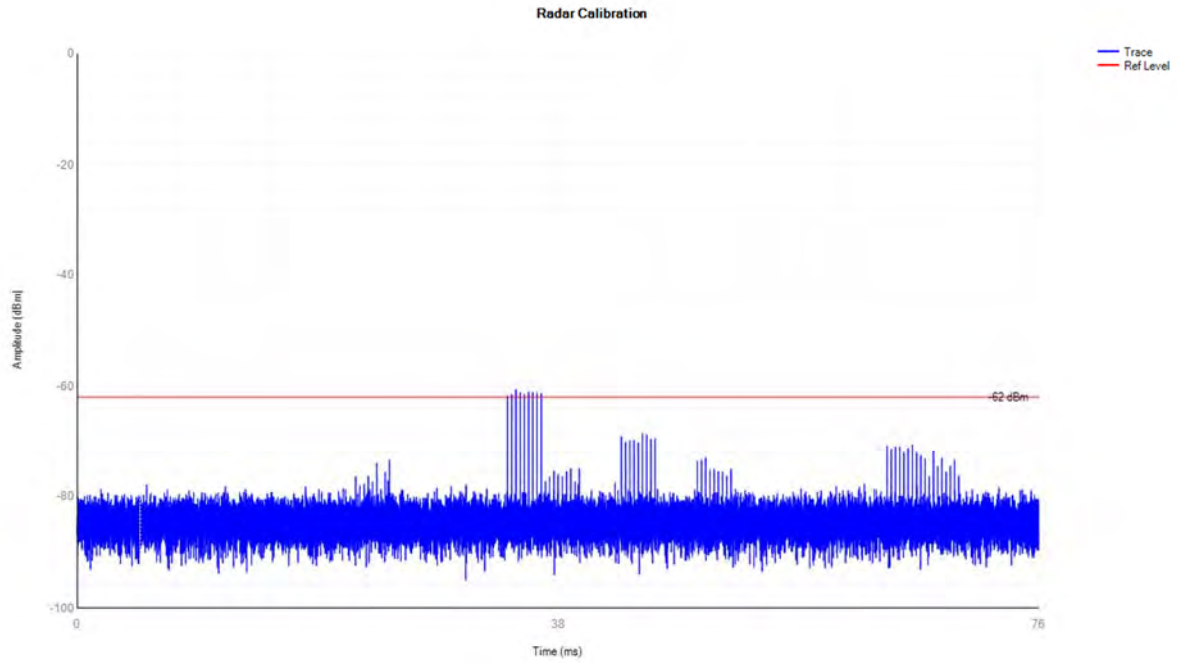
5510MHz DFS_FCC_T4000



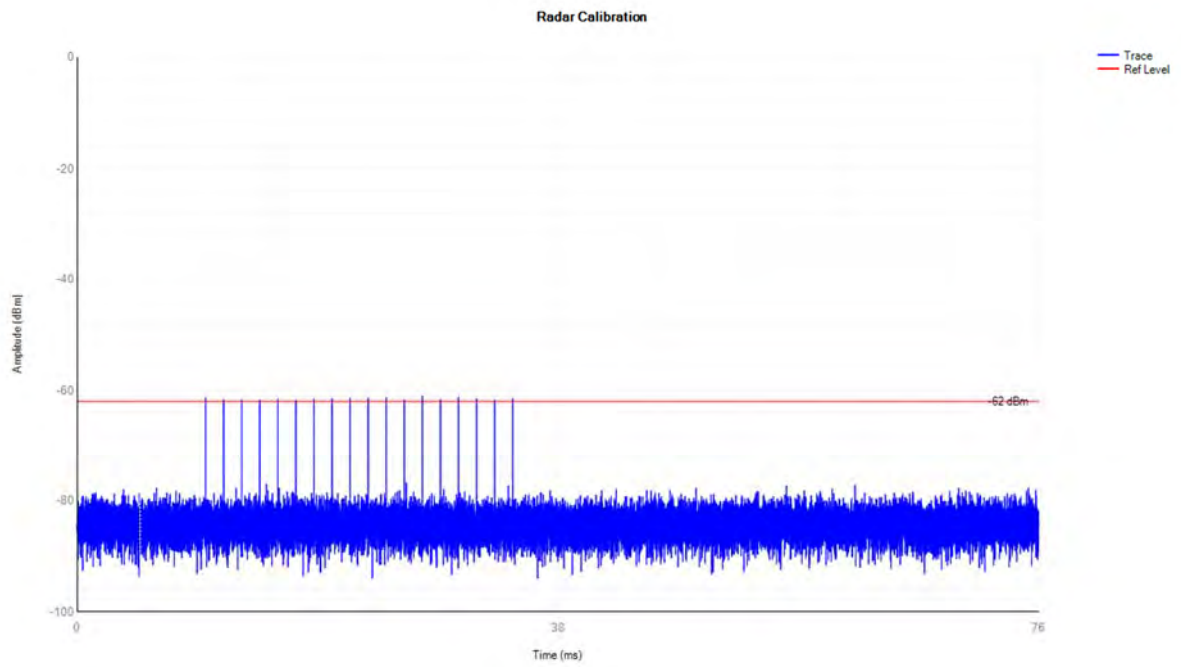
5510MHz DFS_FCC_T5000



5510MHz DFS_FCC_T6000



5290MHz DFS_FCC_T0



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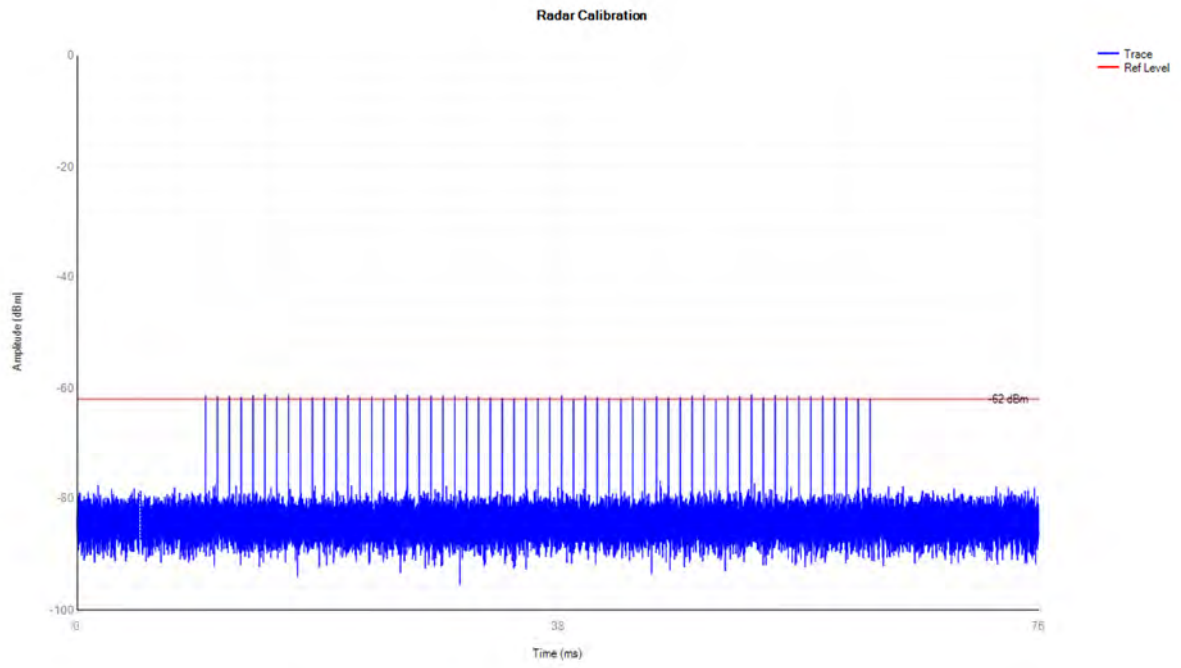

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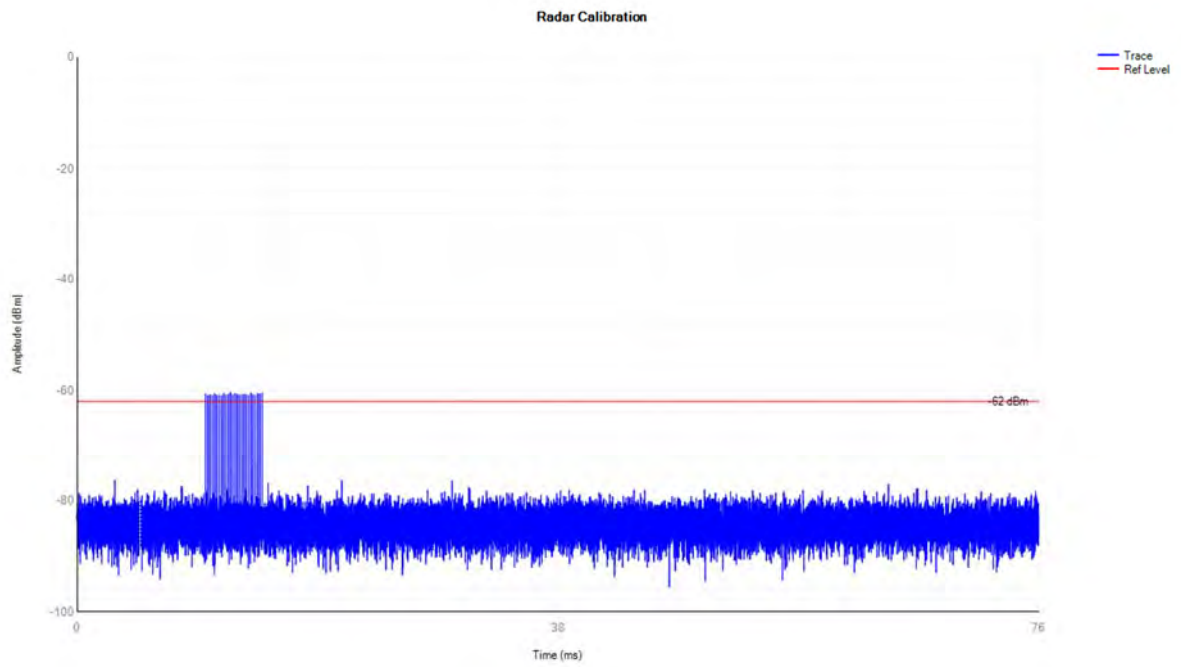

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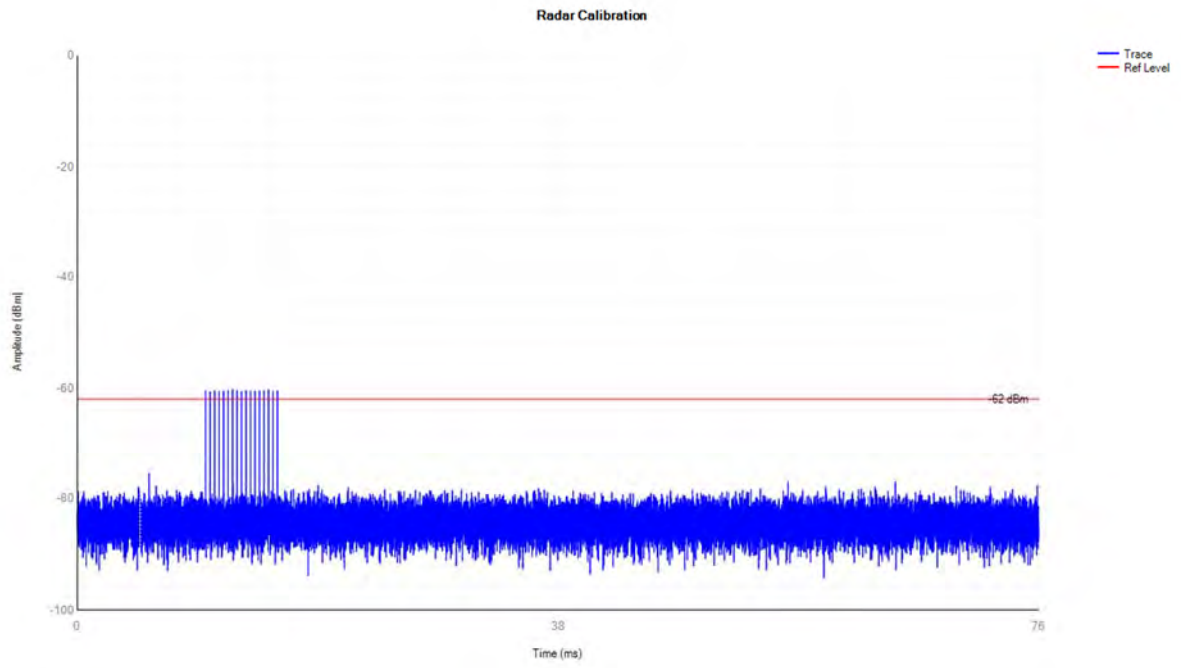

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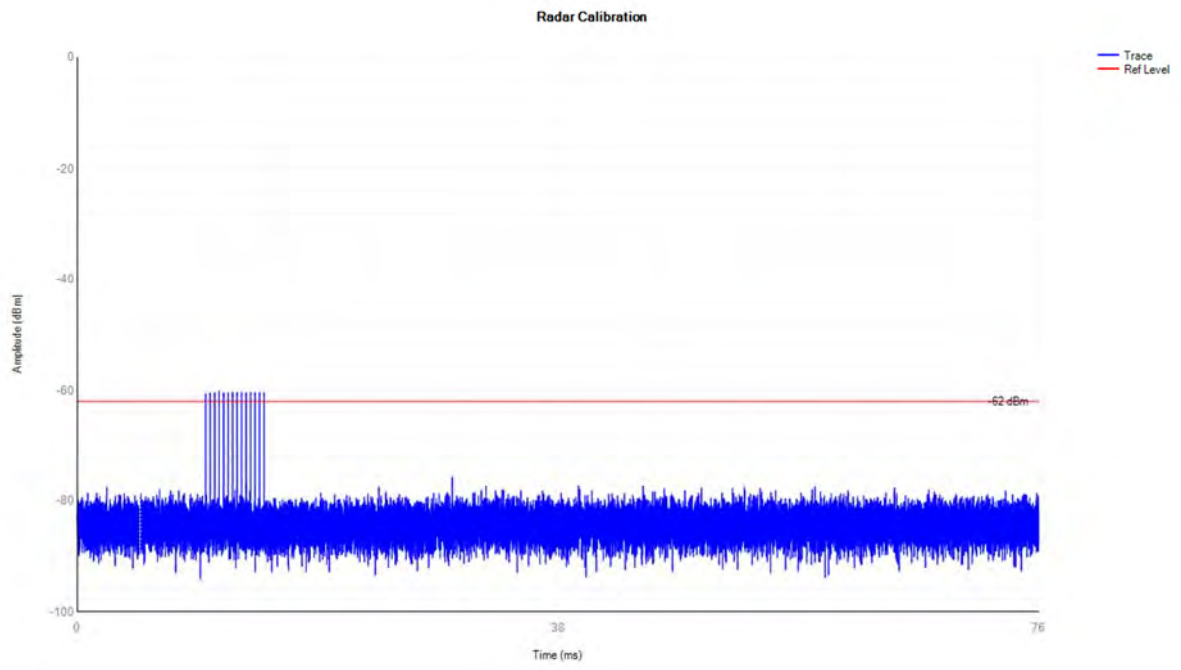

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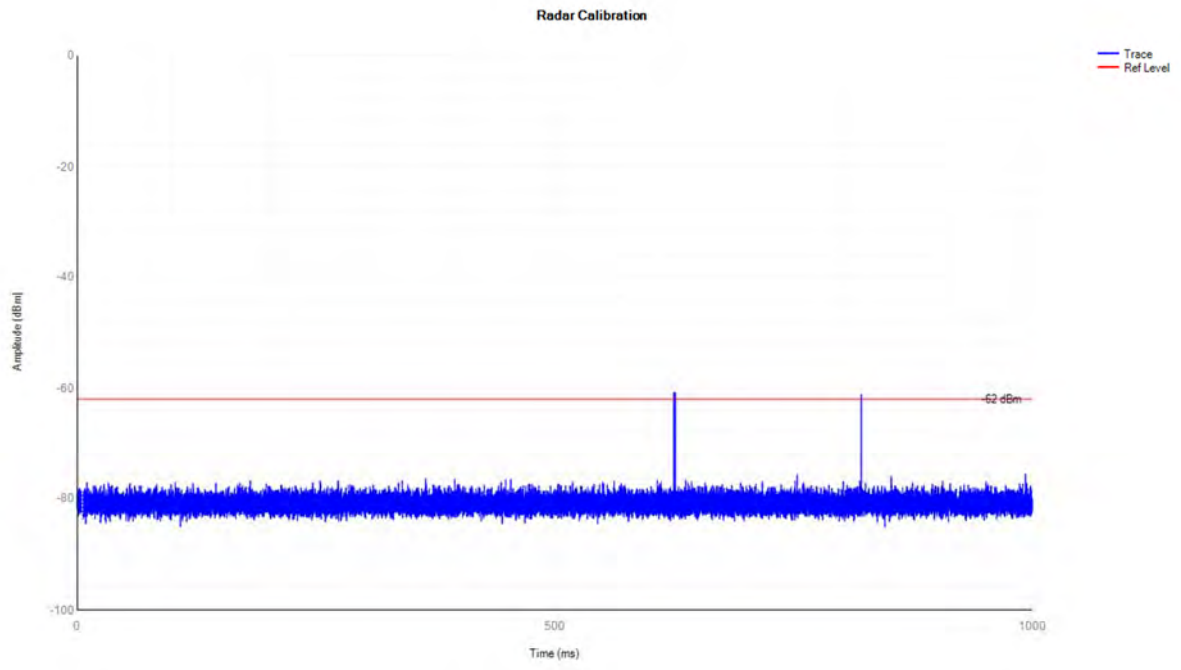

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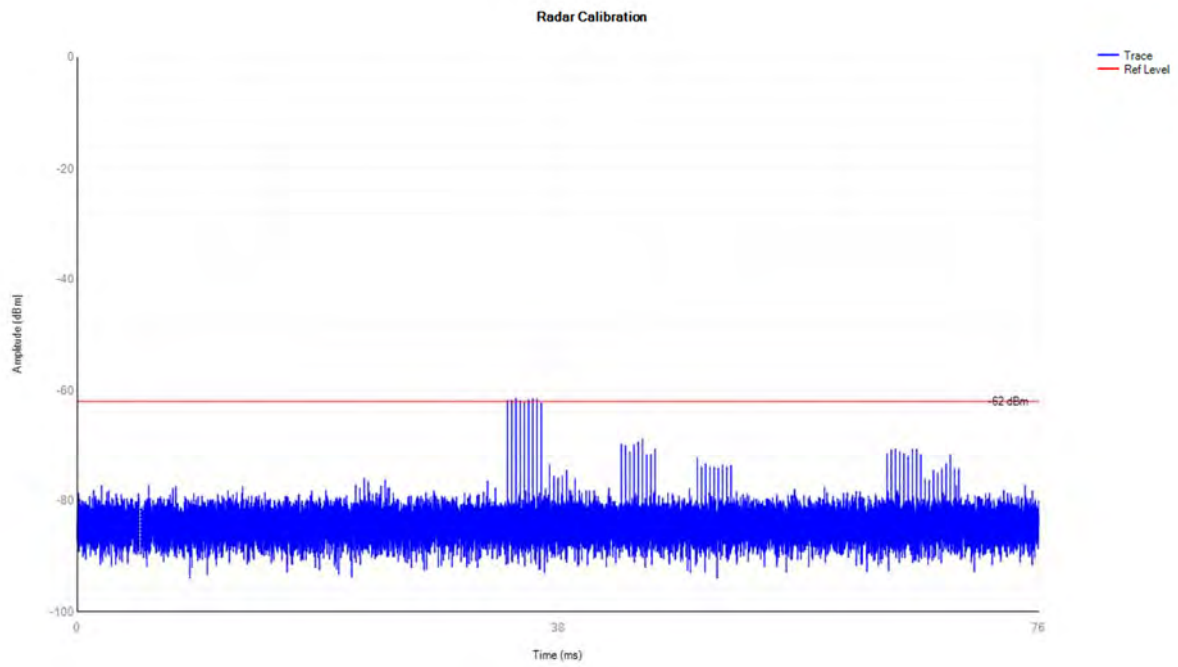
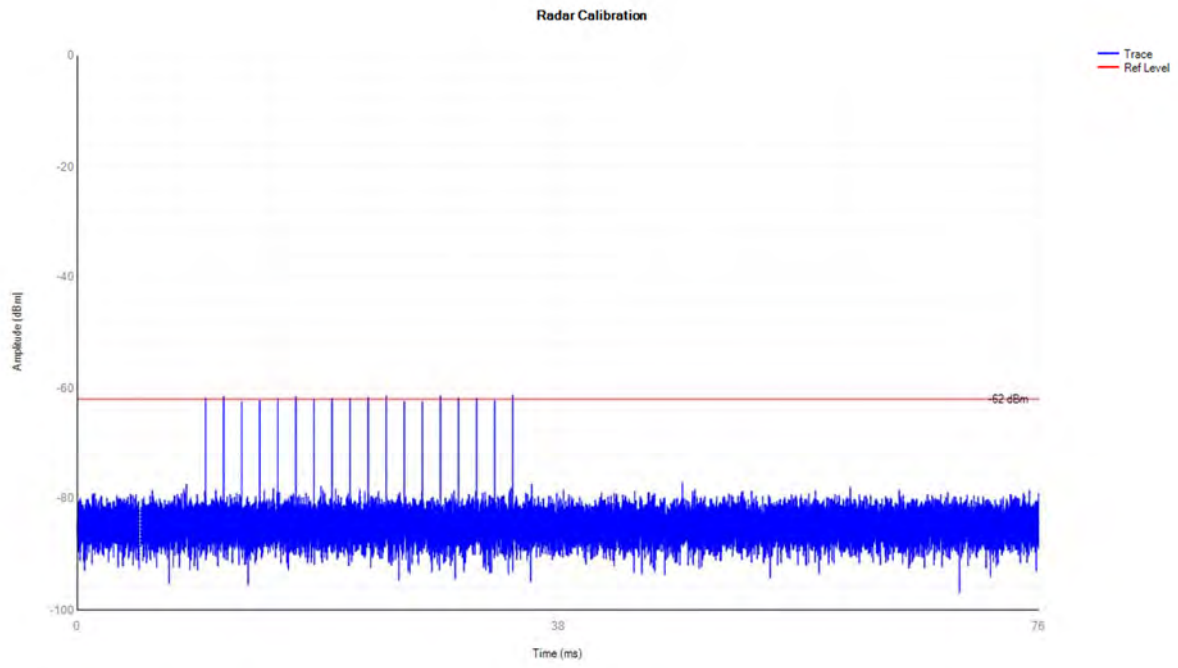
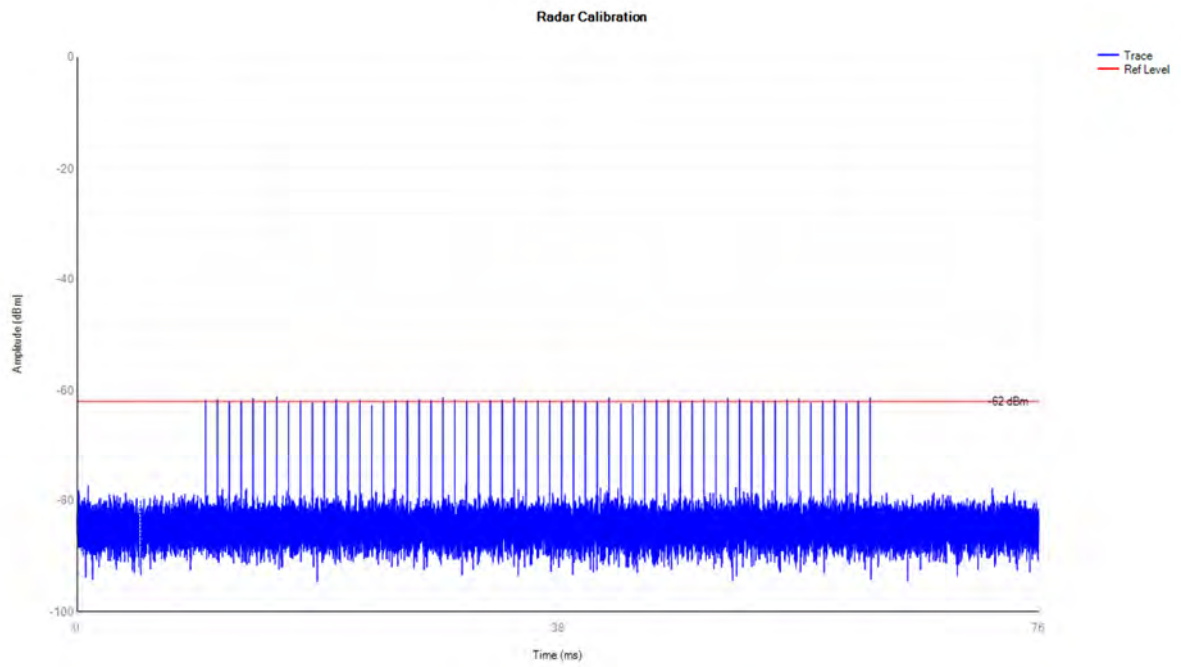


5530MHz DFS_FCC_T0



5530MHz DFS_FCC_T1000



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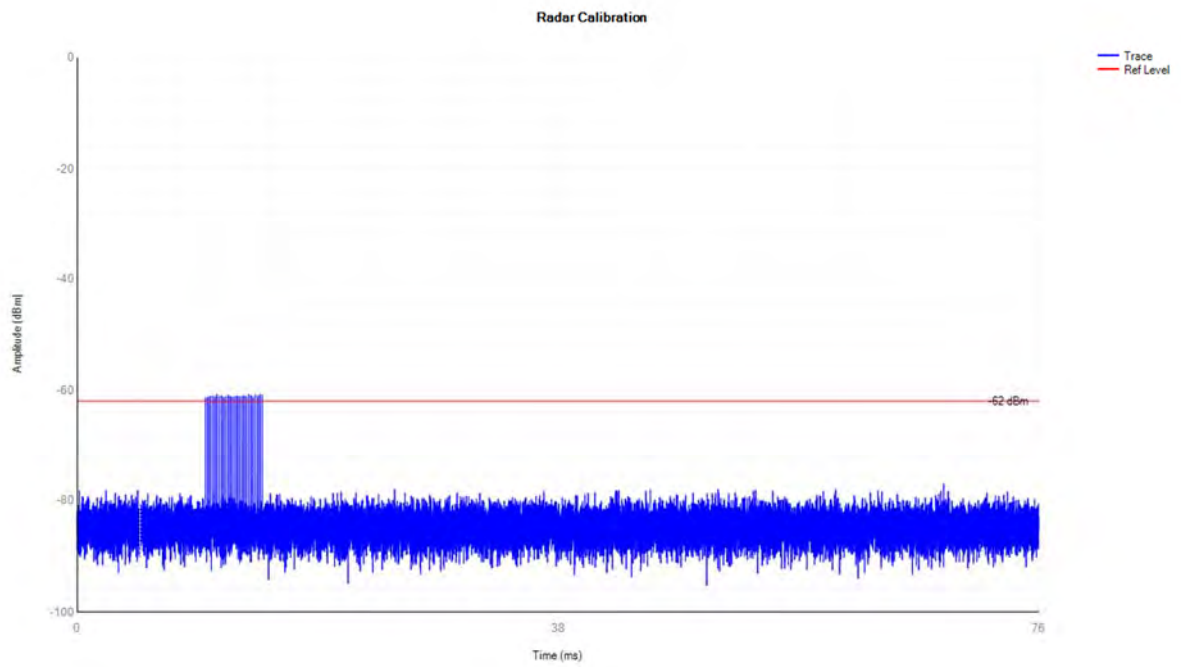

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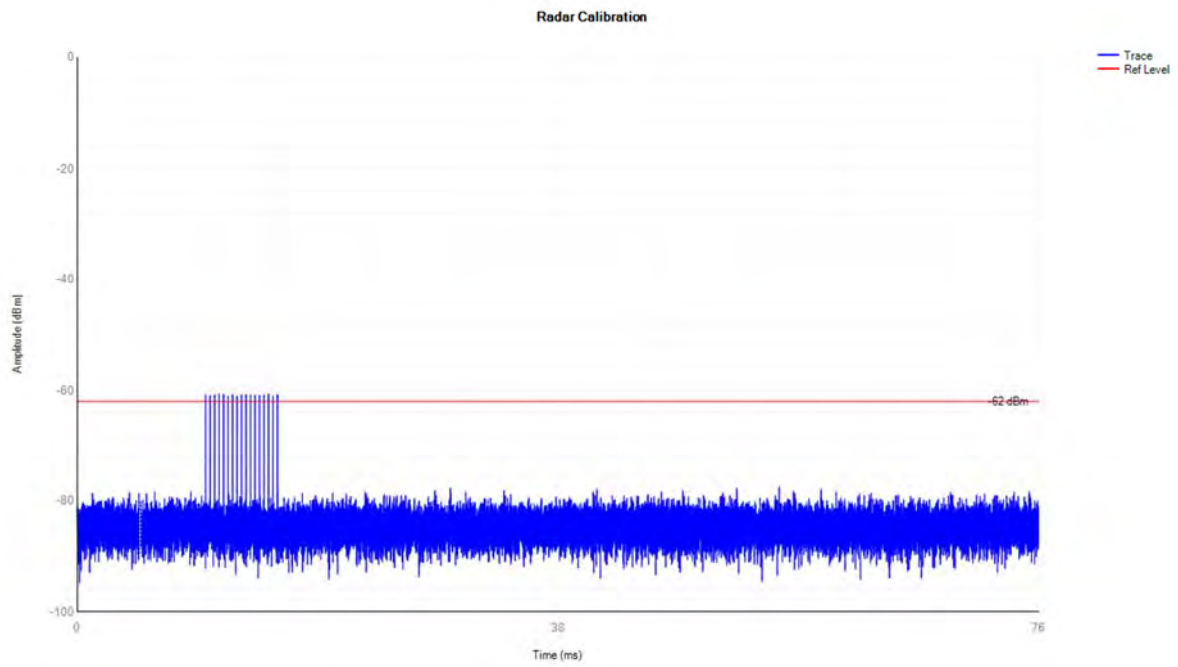

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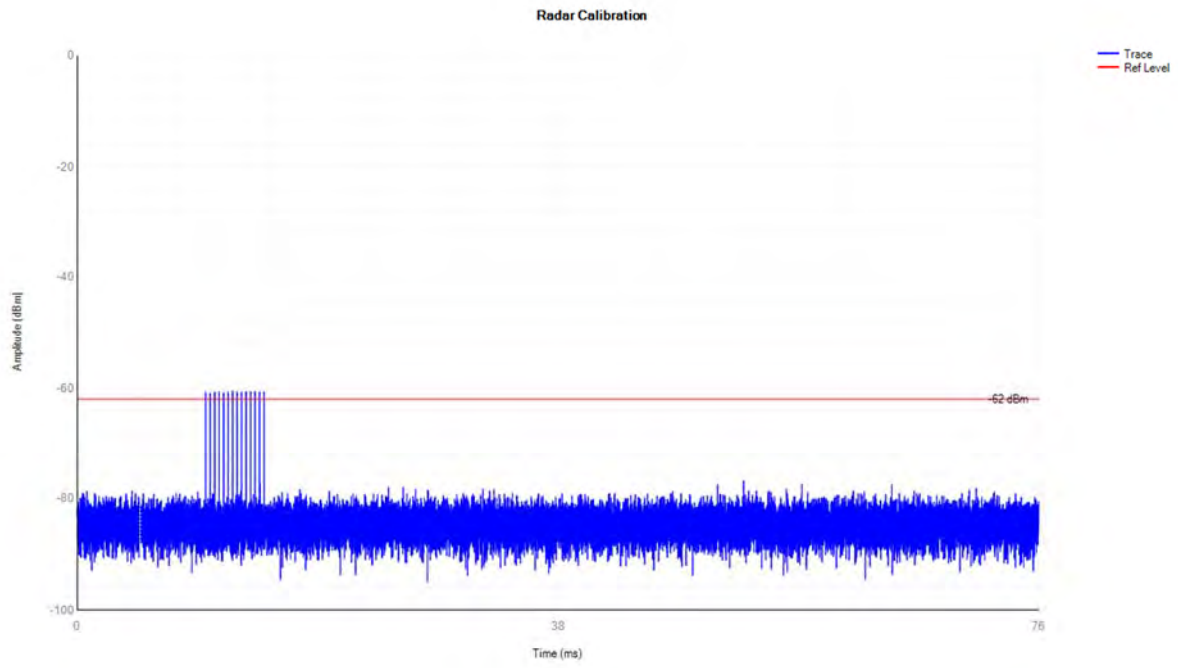

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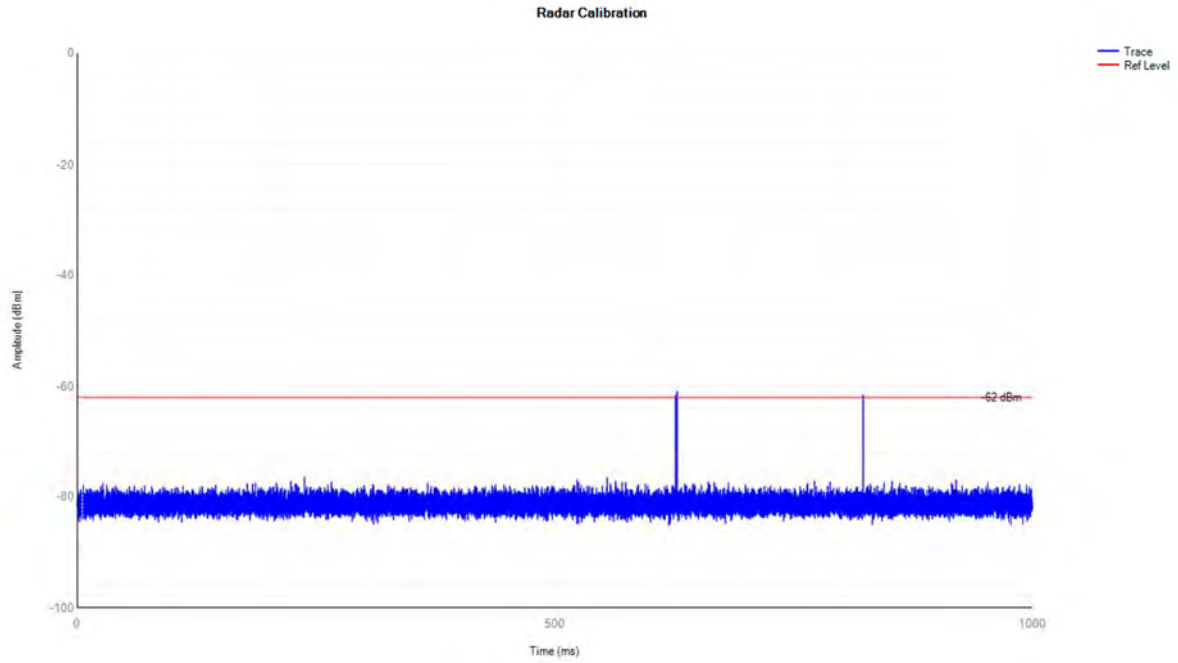

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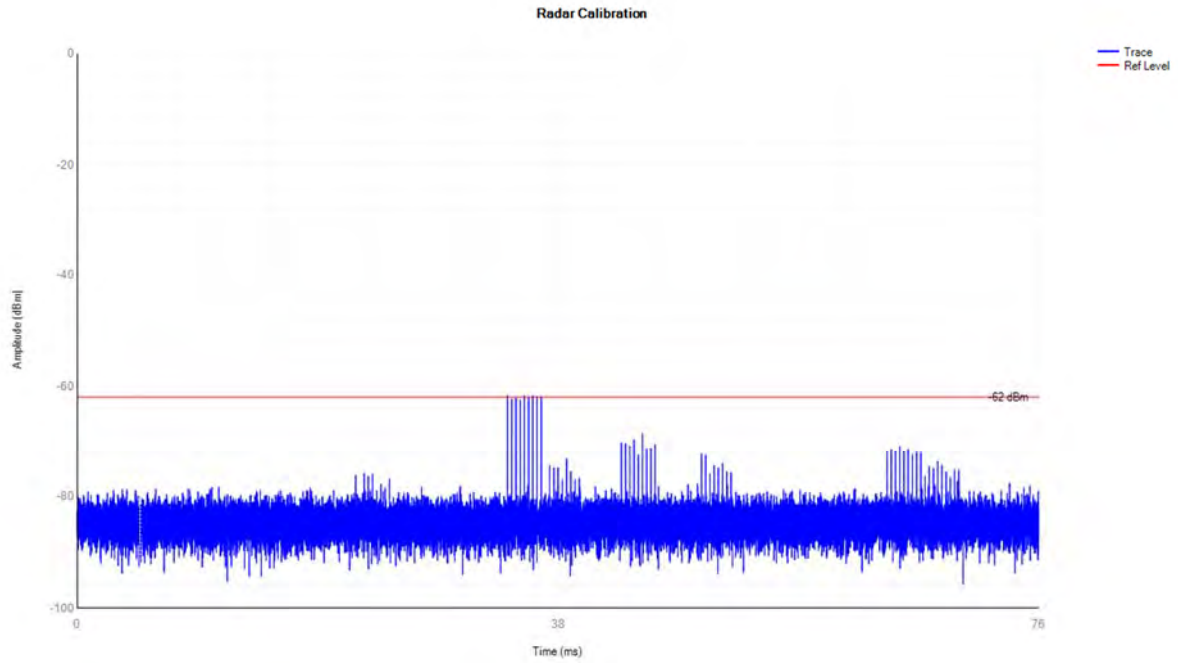

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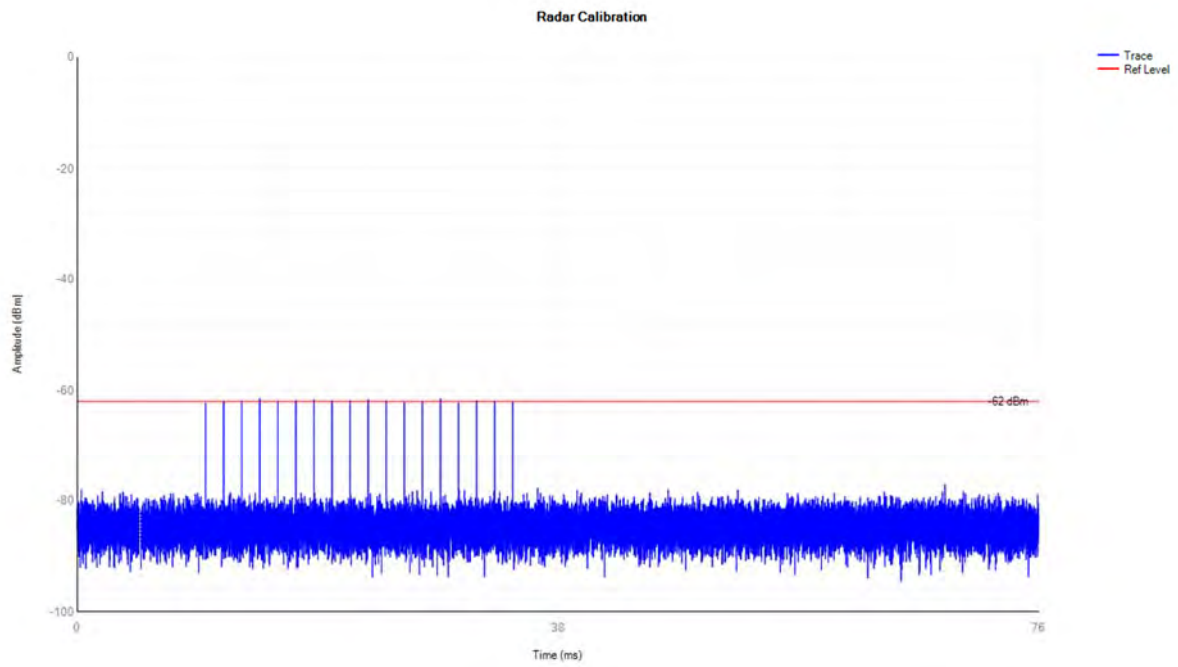

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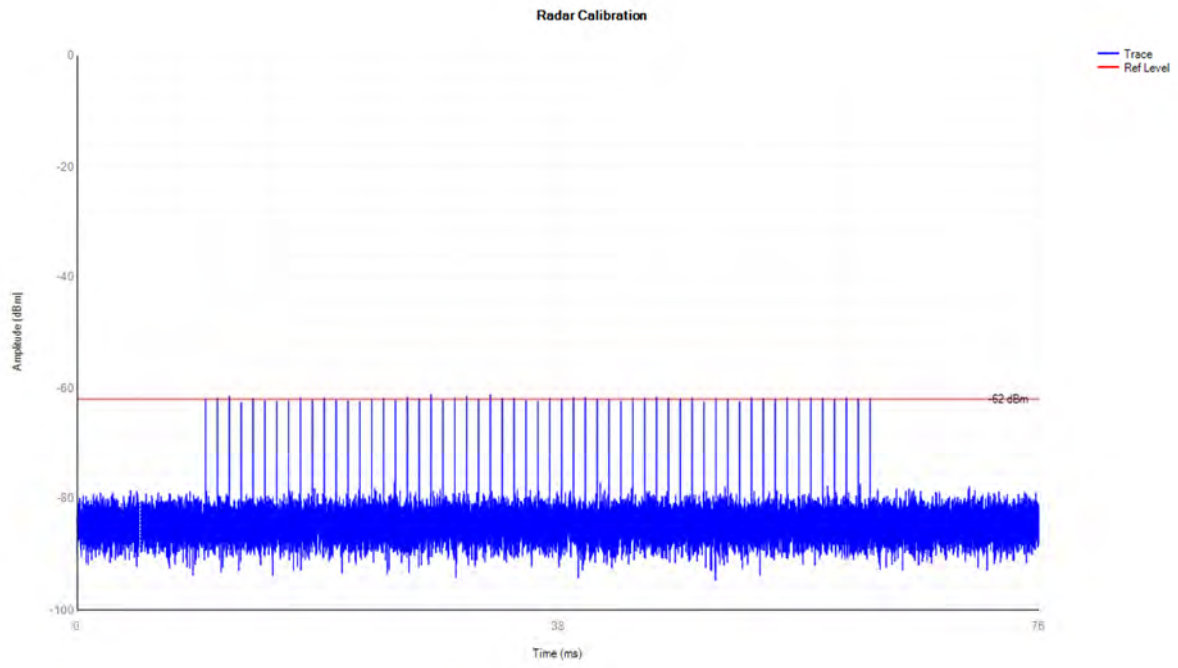

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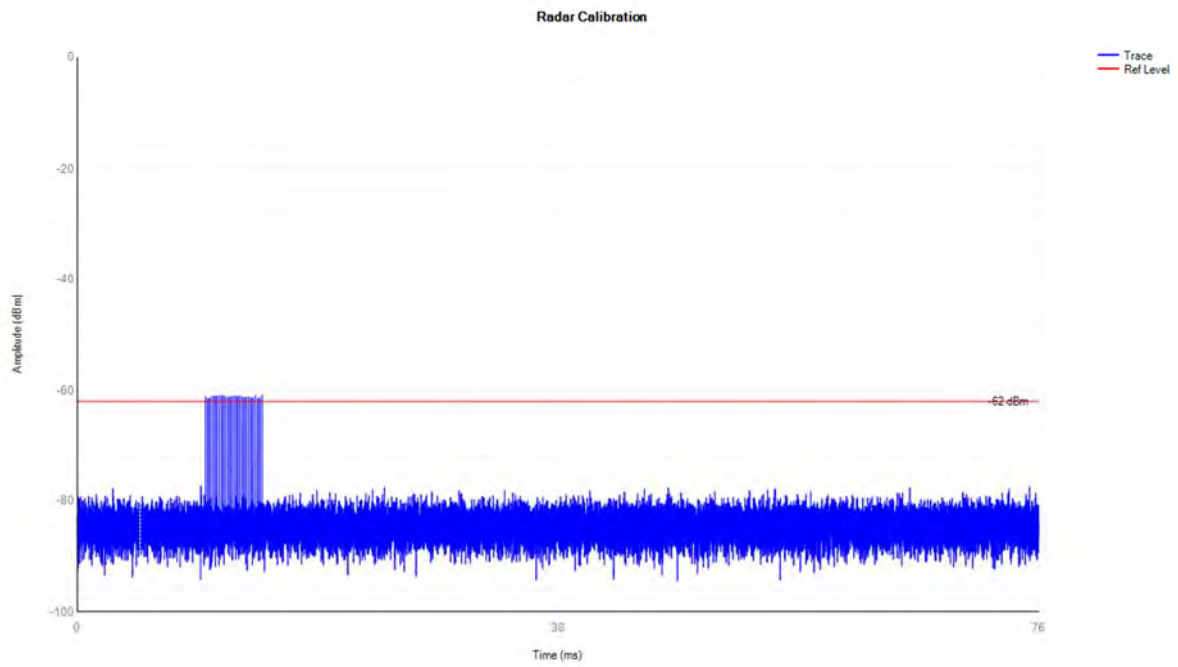

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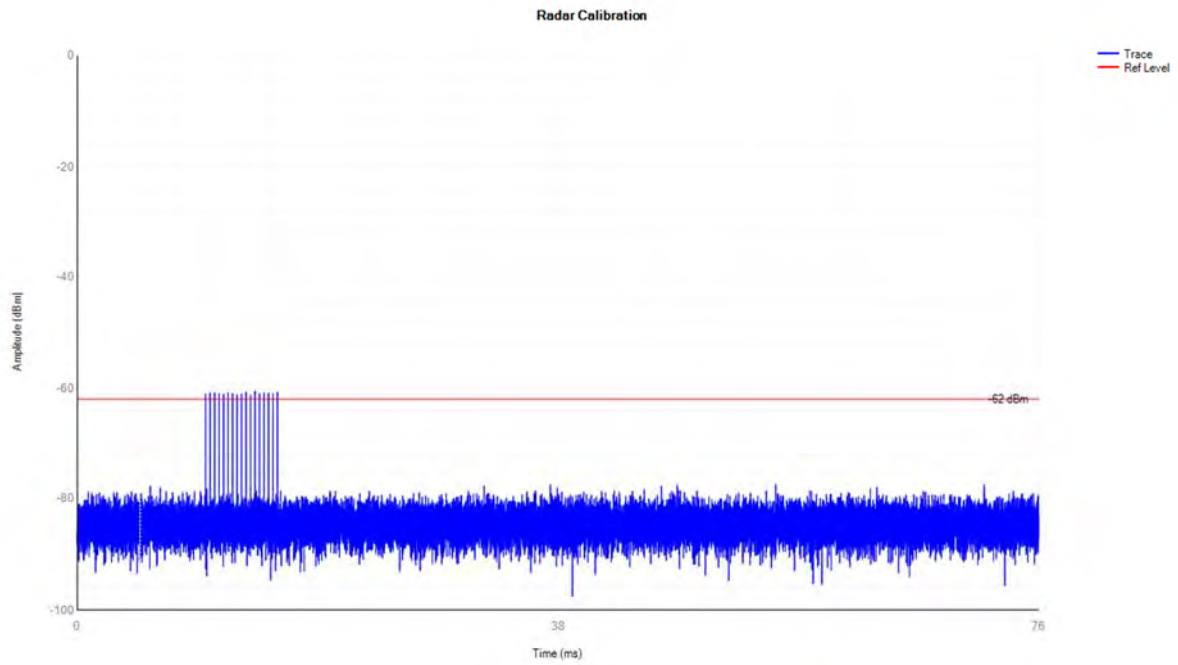

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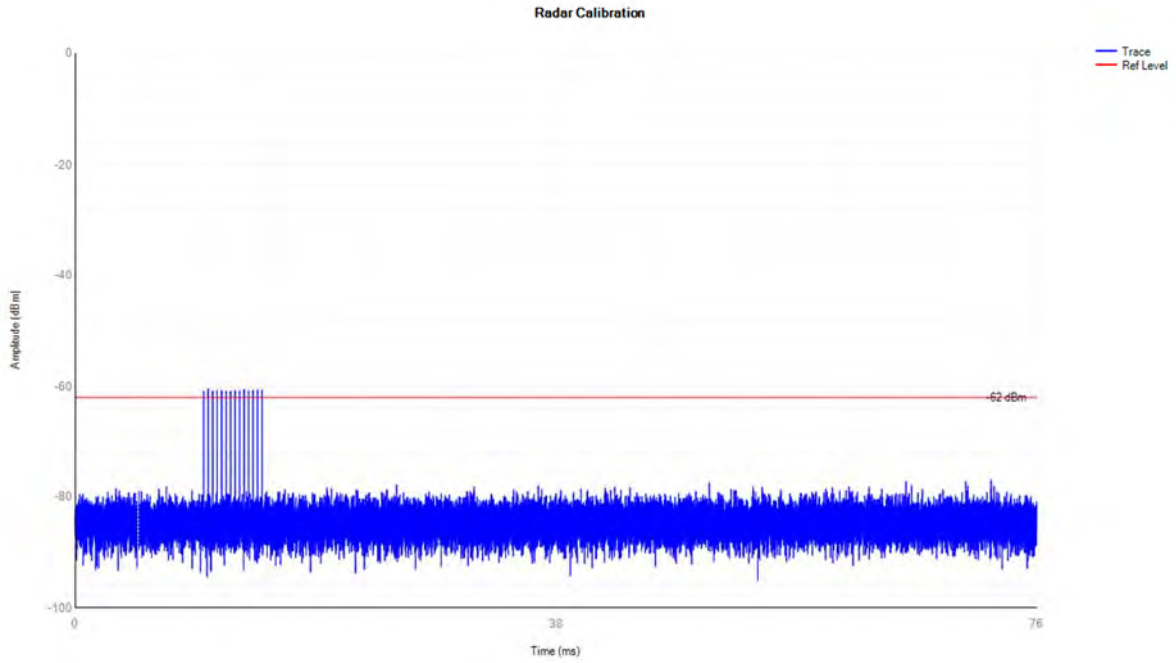

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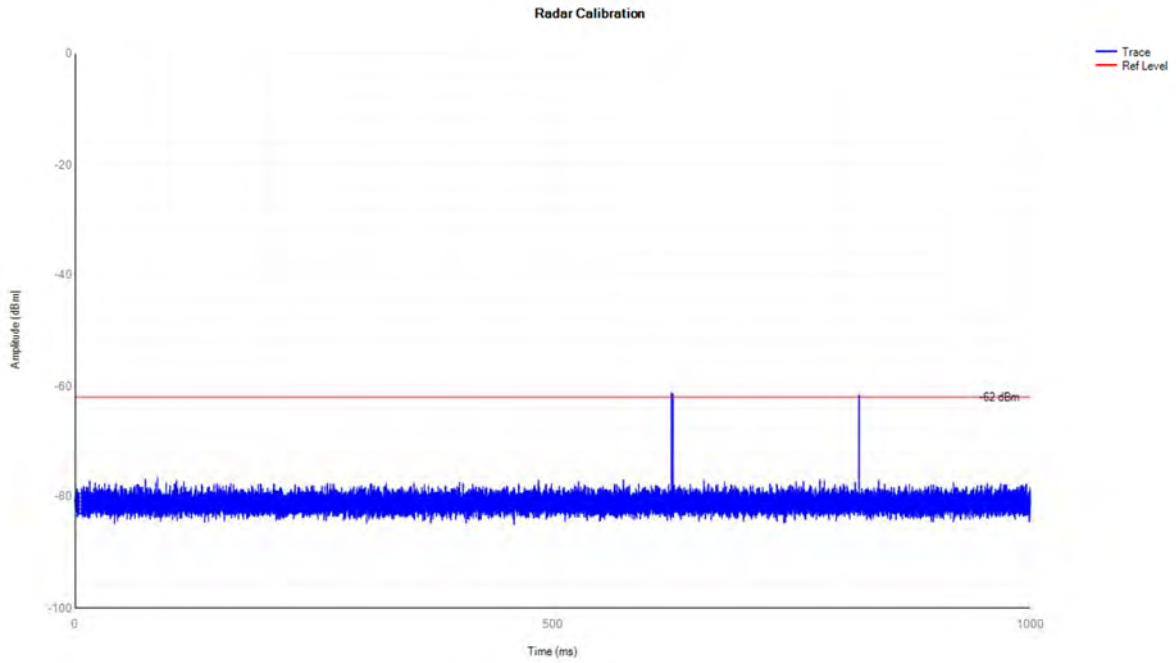

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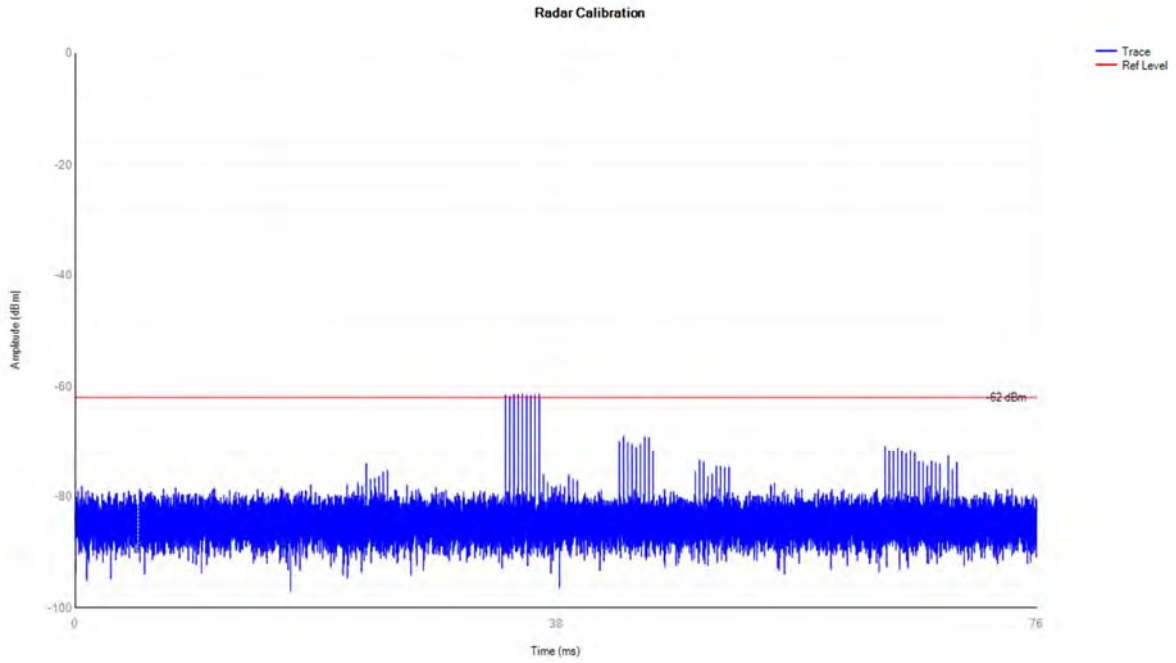
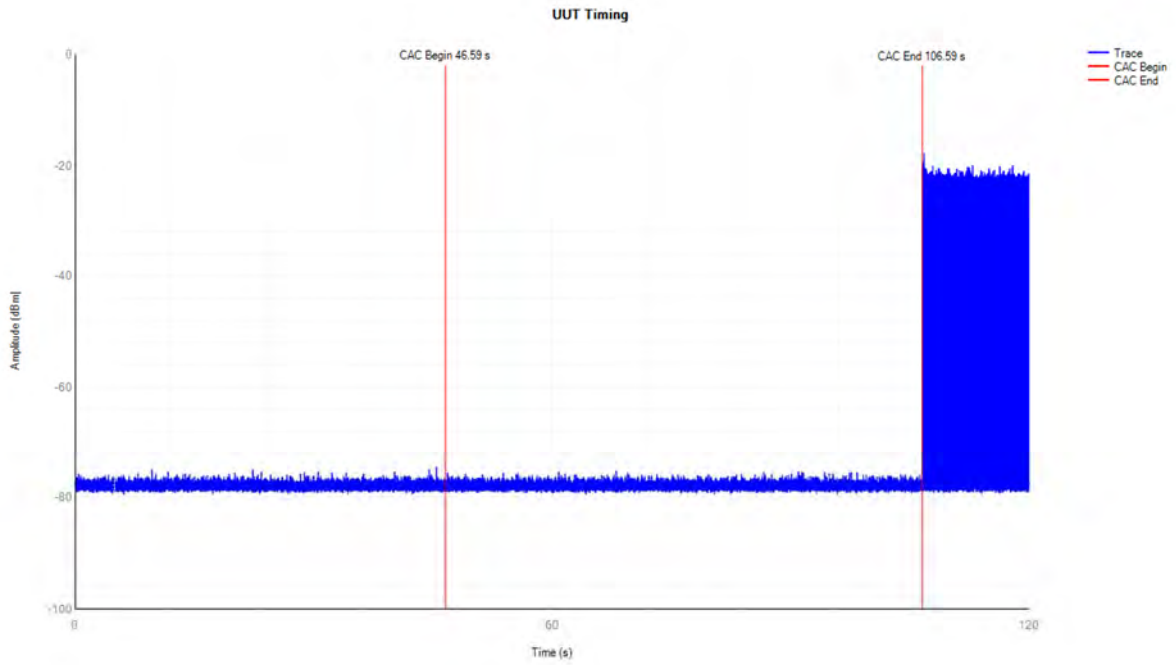
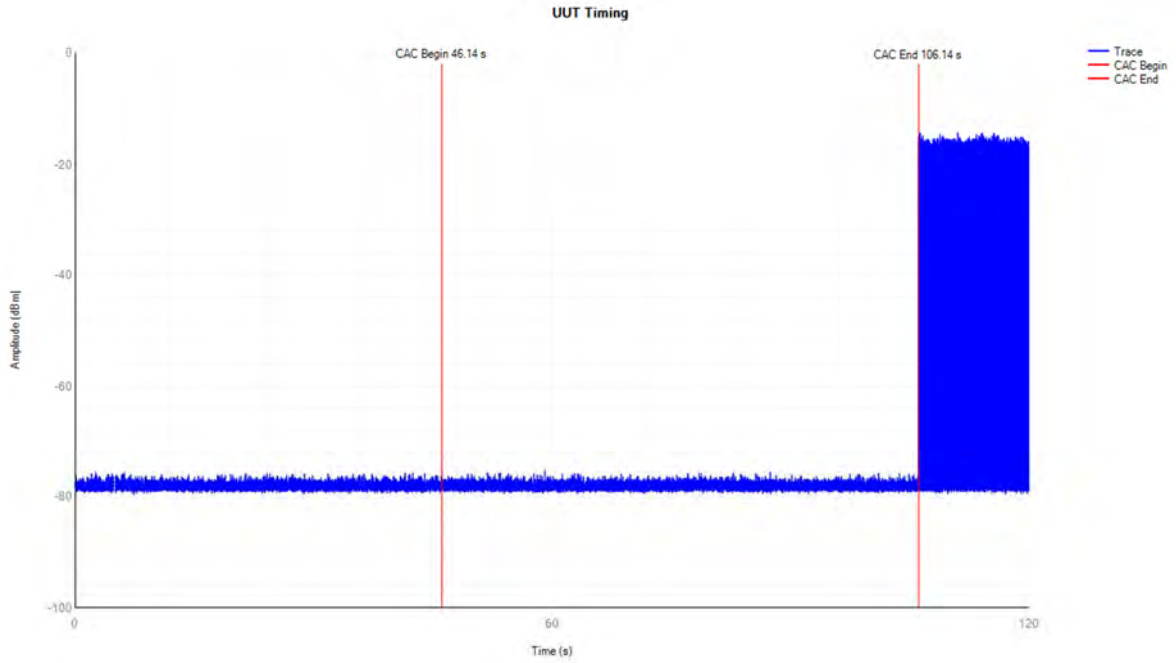


CAC Initial

Mode	Frequency (MHz)	Result	Verdict
ax20	5260	See test Graph	Pass
ax20	5500	See test Graph	Pass

Test Graphs
ax20 5260MHz CAC Initial



ax20 5500MHz CAC Initial