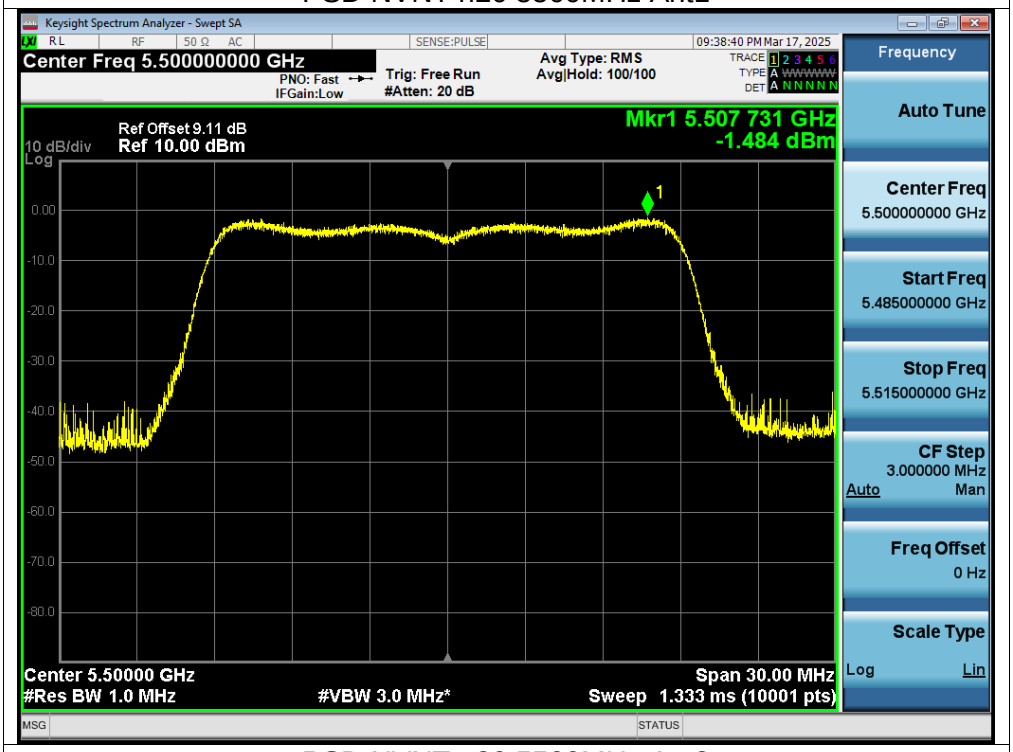
PSD NVNT n20 5500MHz Ant1

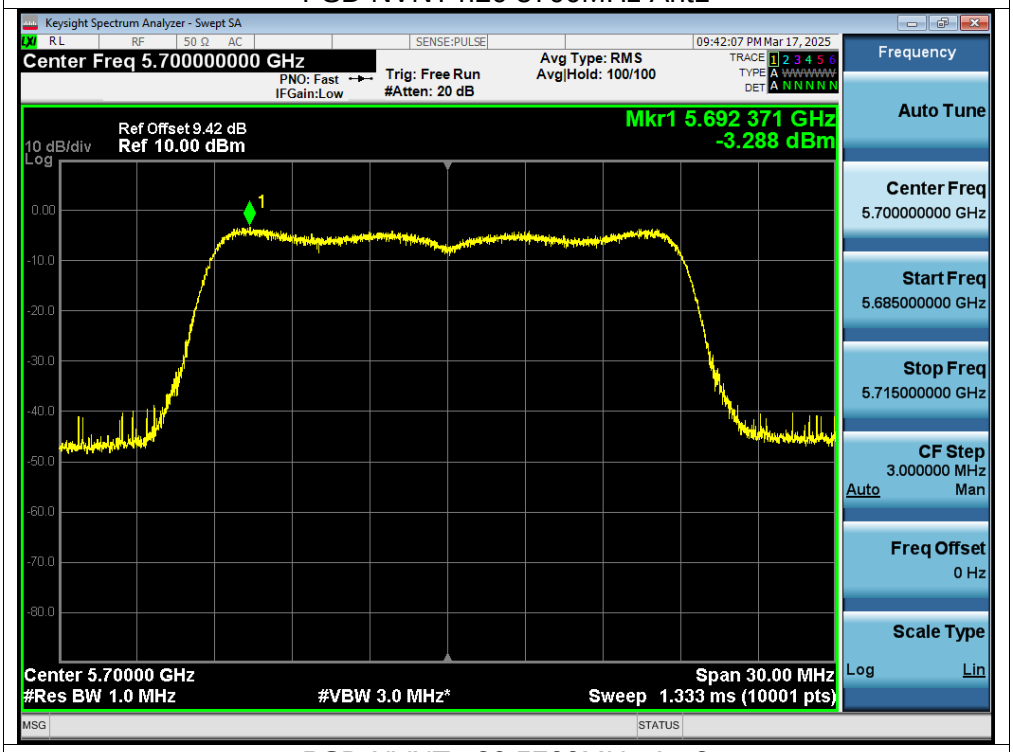


PSD NVNT n20 5500MHz Ant2

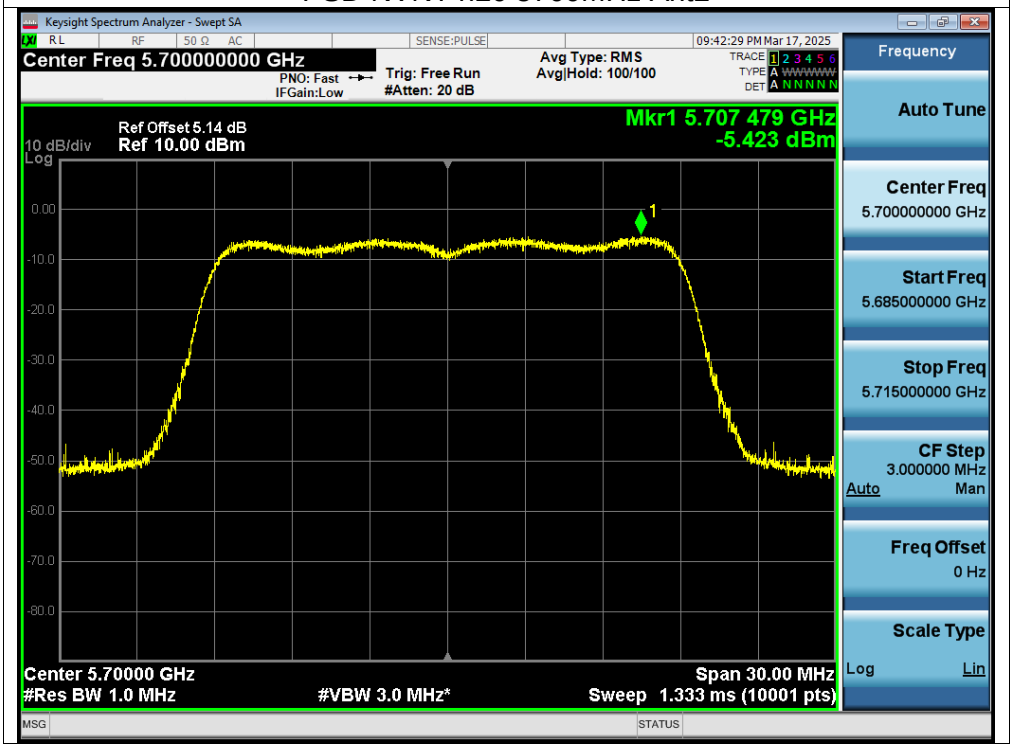
PSD NVNT n20 5580MHz Ant1

PSD NVNT n20 5580MHz Ant2

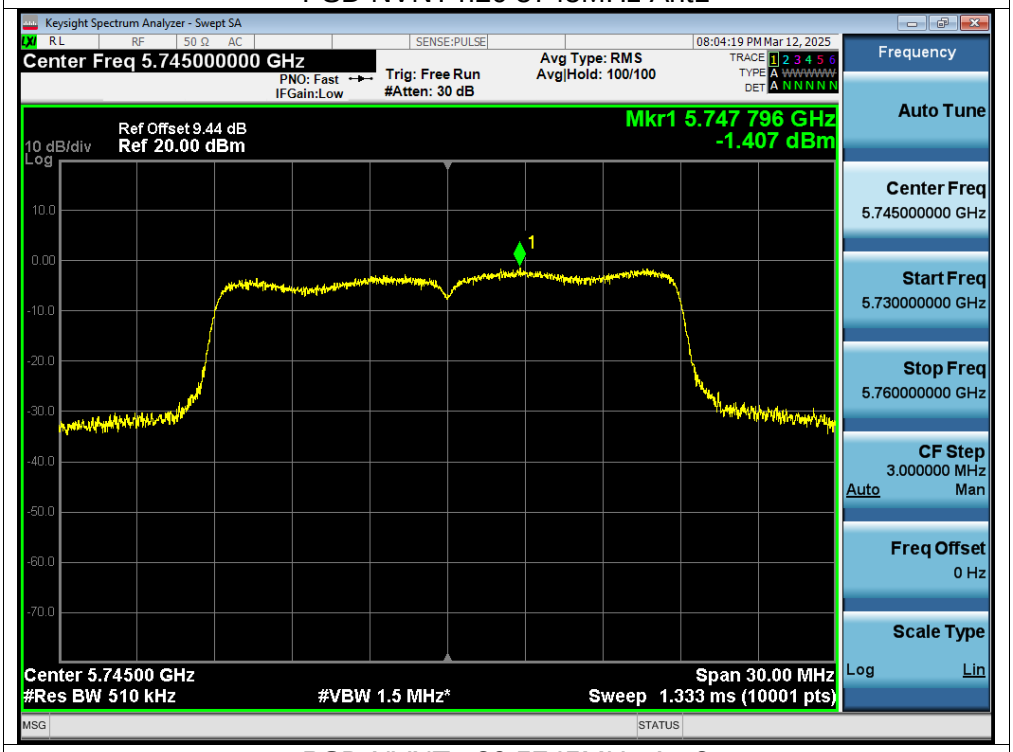
PSD NVNT n20 5700MHz Ant1



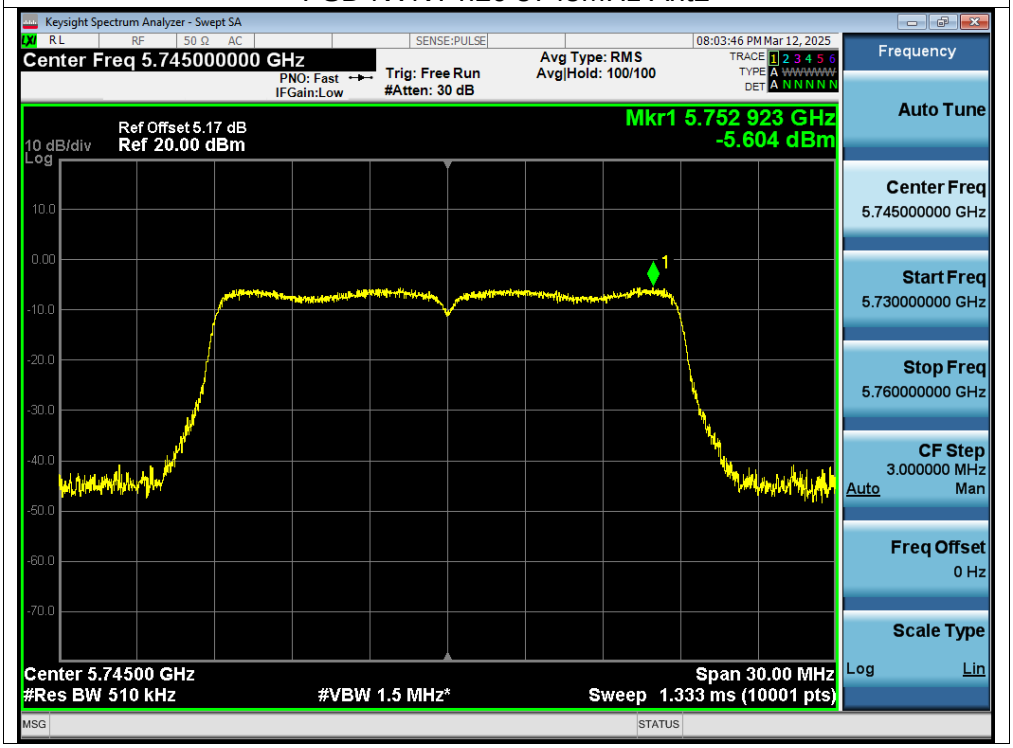
PSD NVNT n20 5700MHz Ant2



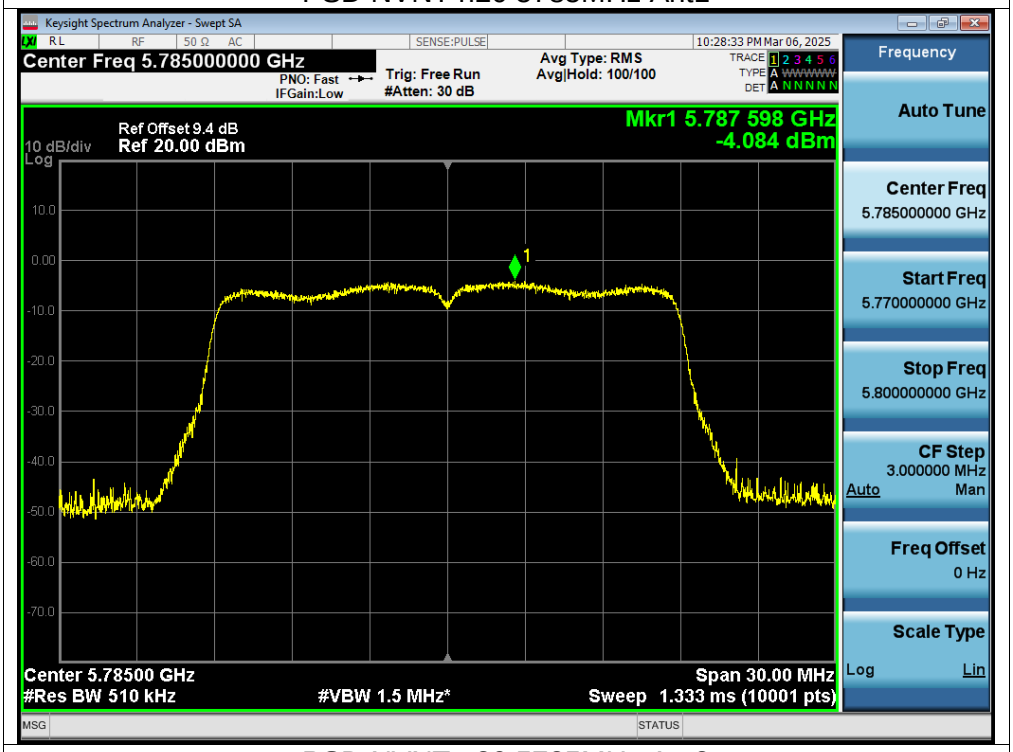
PSD NVNT n20 5745MHz Ant1



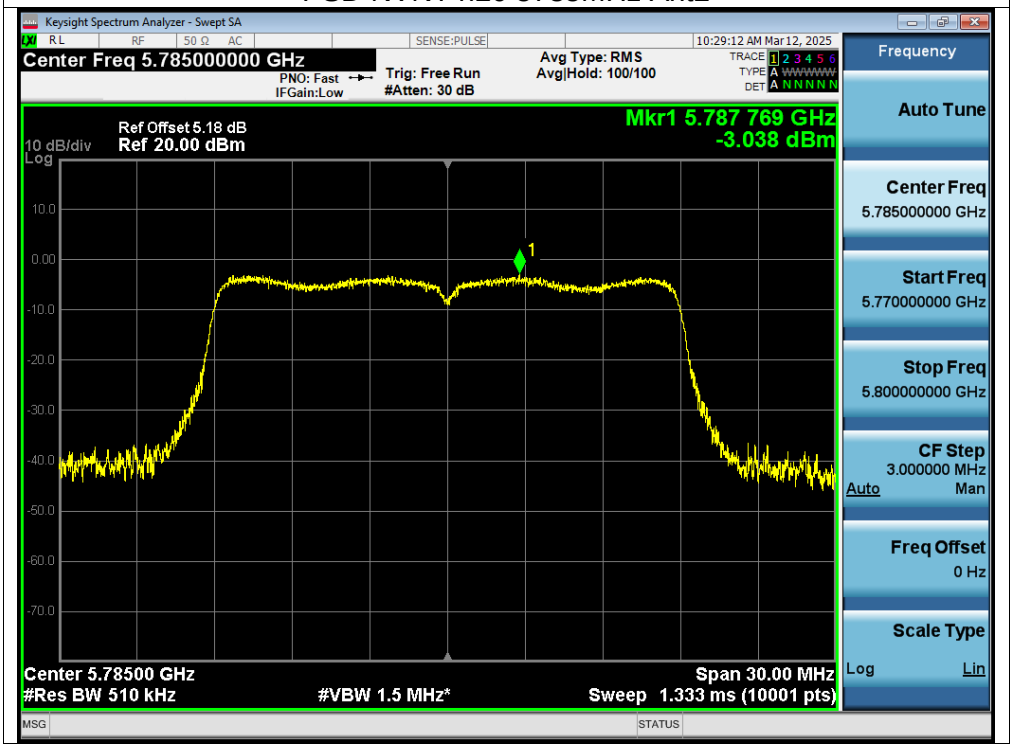
PSD NVNT n20 5745MHz Ant2



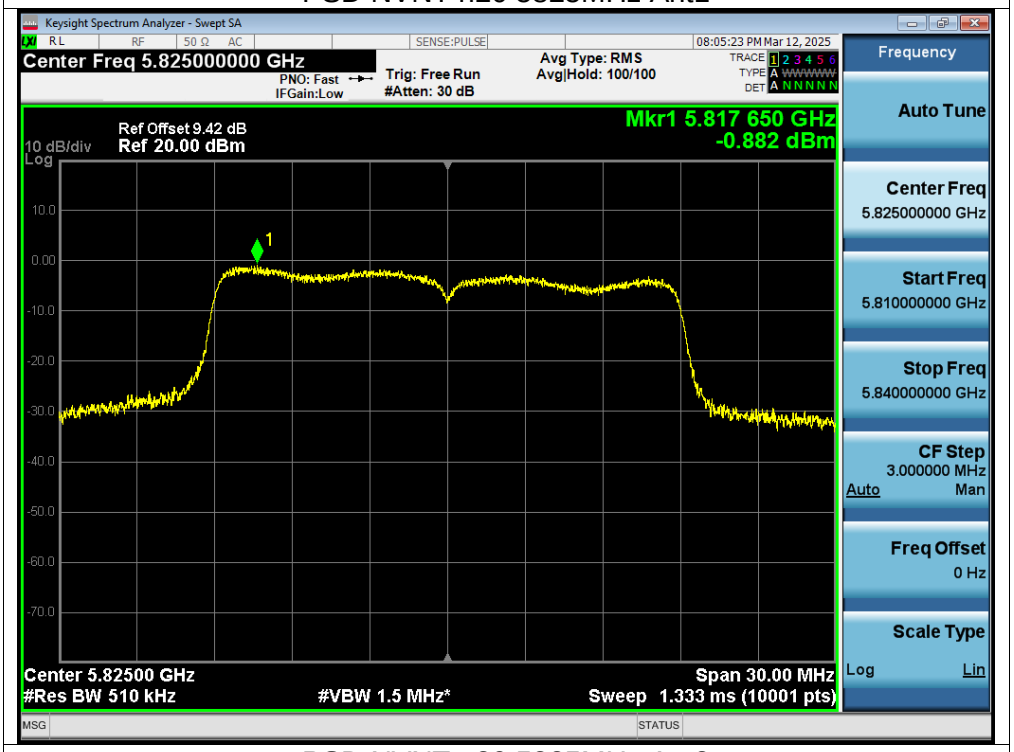
PSD NVNT n20 5785MHz Ant1



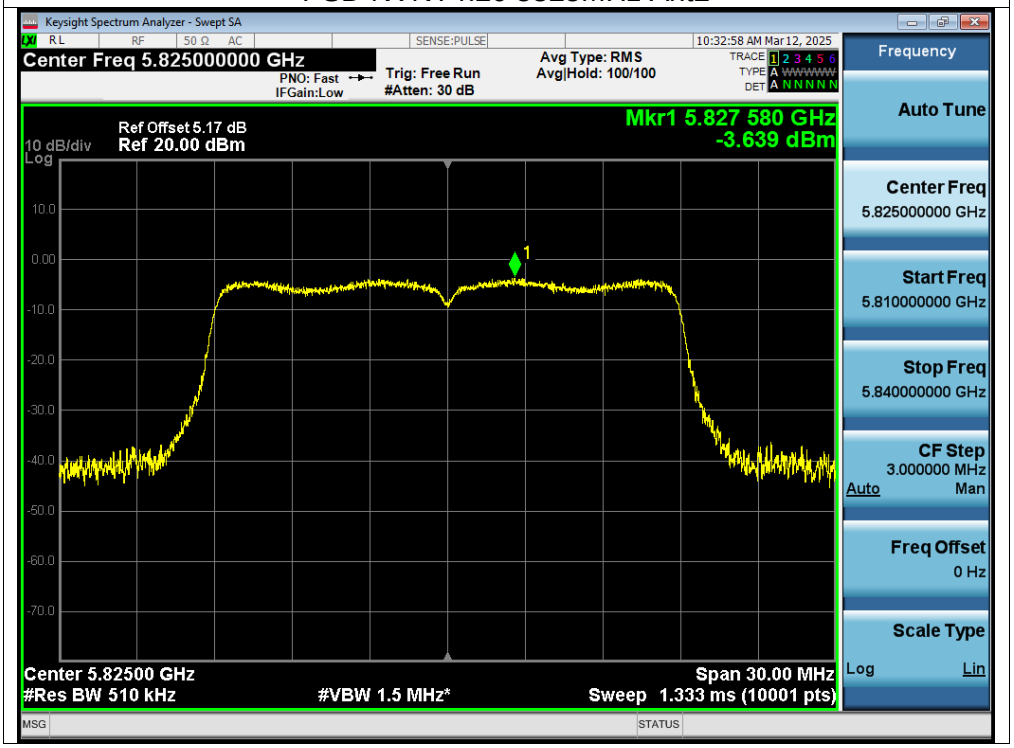
PSD NVNT n20 5785MHz Ant2



PSD NVNT n20 5825MHz Ant1

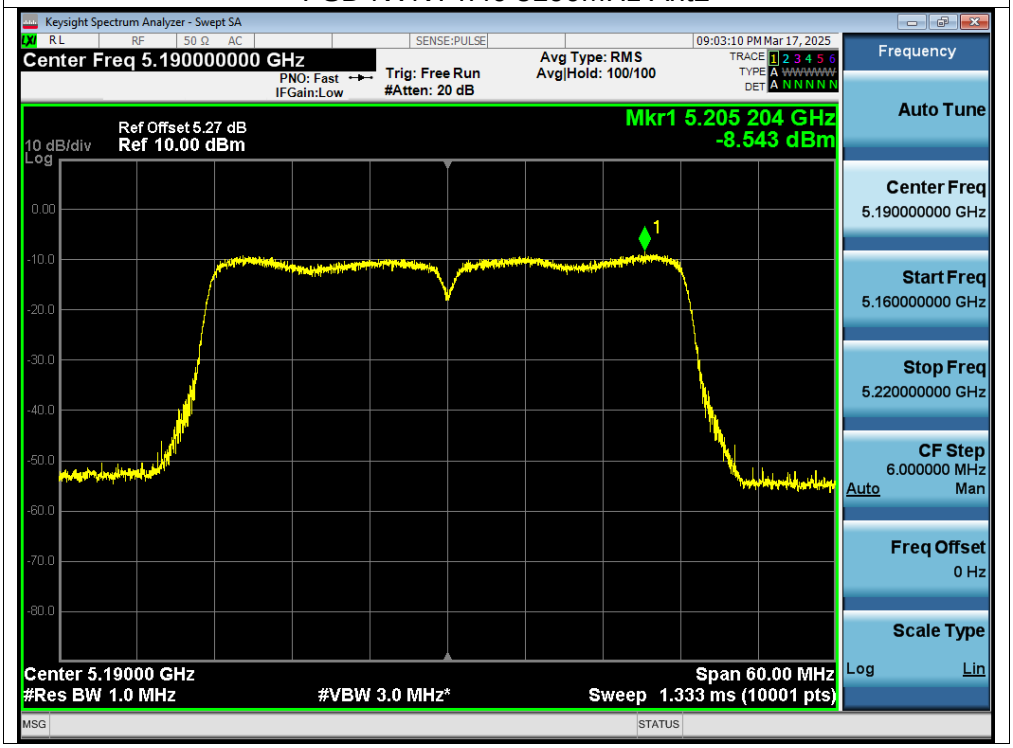


PSD NVNT n20 5825MHz Ant2



PSD NVNT n40 5190MHz Ant1

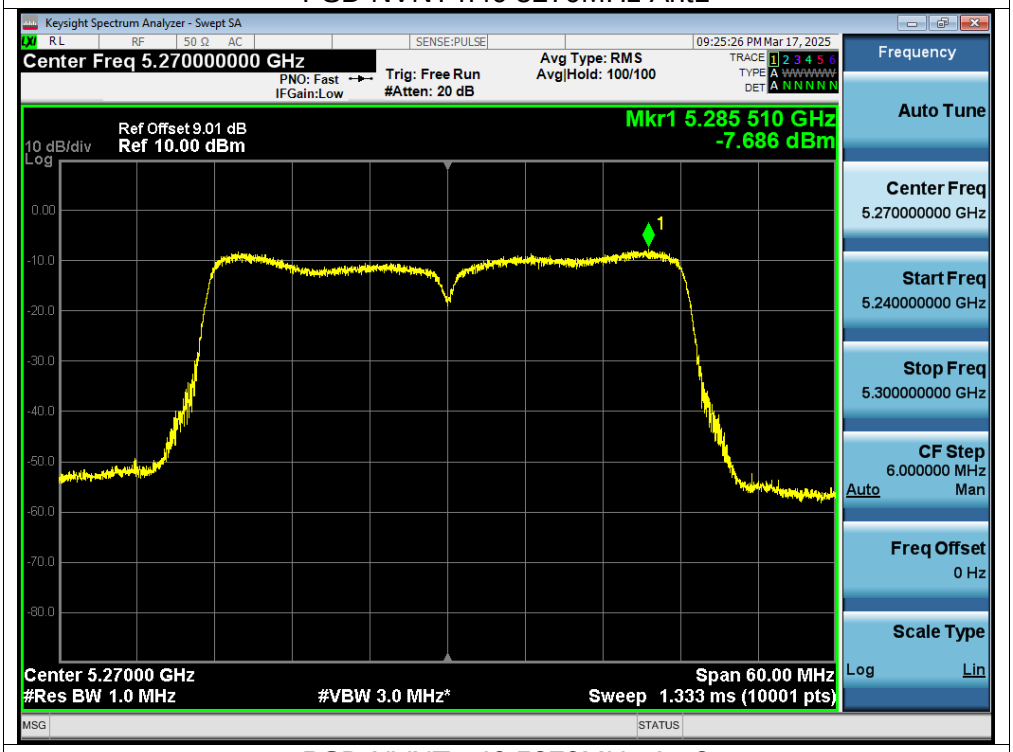
PSD NVNT n40 5190MHz Ant2



PSD NVNT n40 5230MHz Ant1

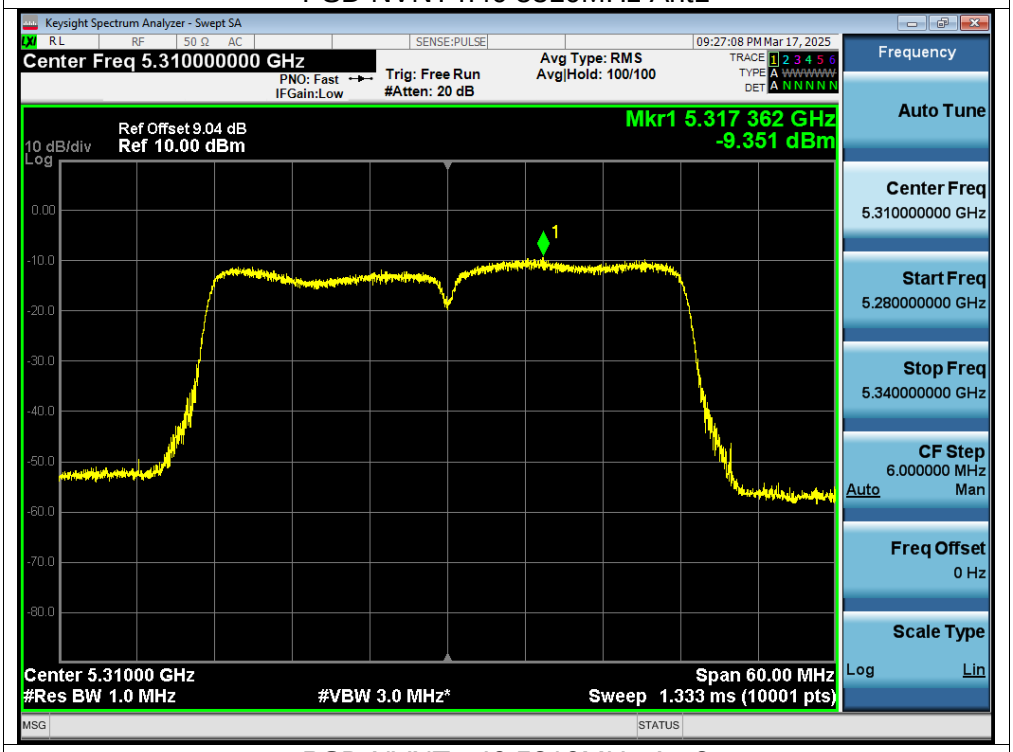
PSD NVNT n40 5230MHz Ant2

PSD NVNT n40 5270MHz Ant1

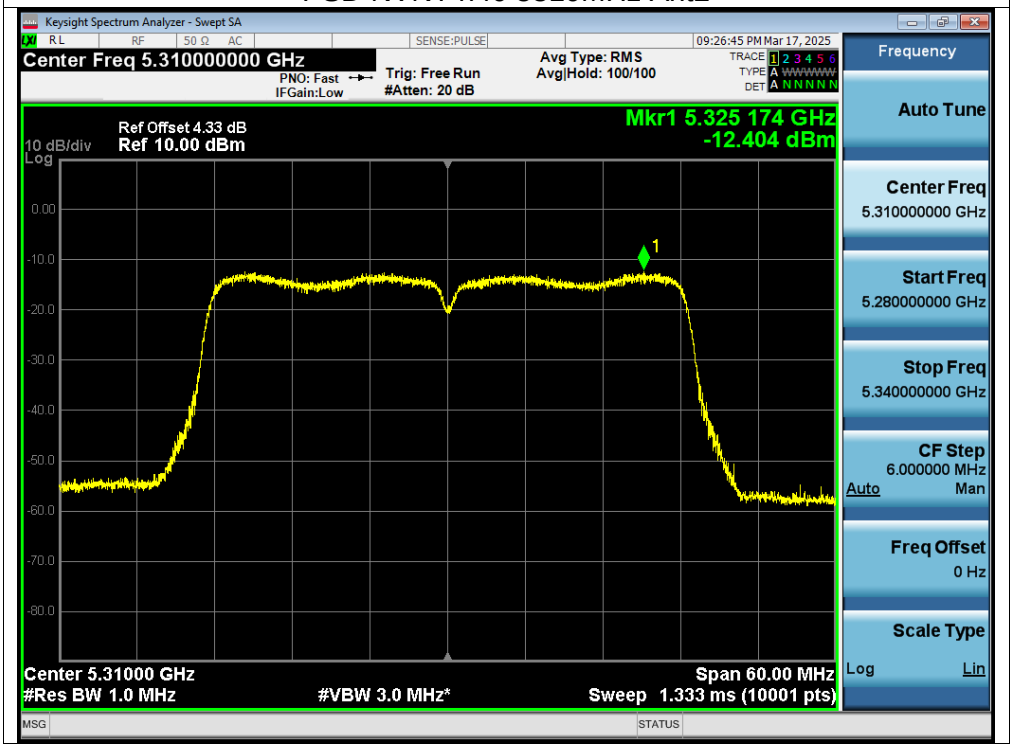


PSD NVNT n40 5270MHz Ant2

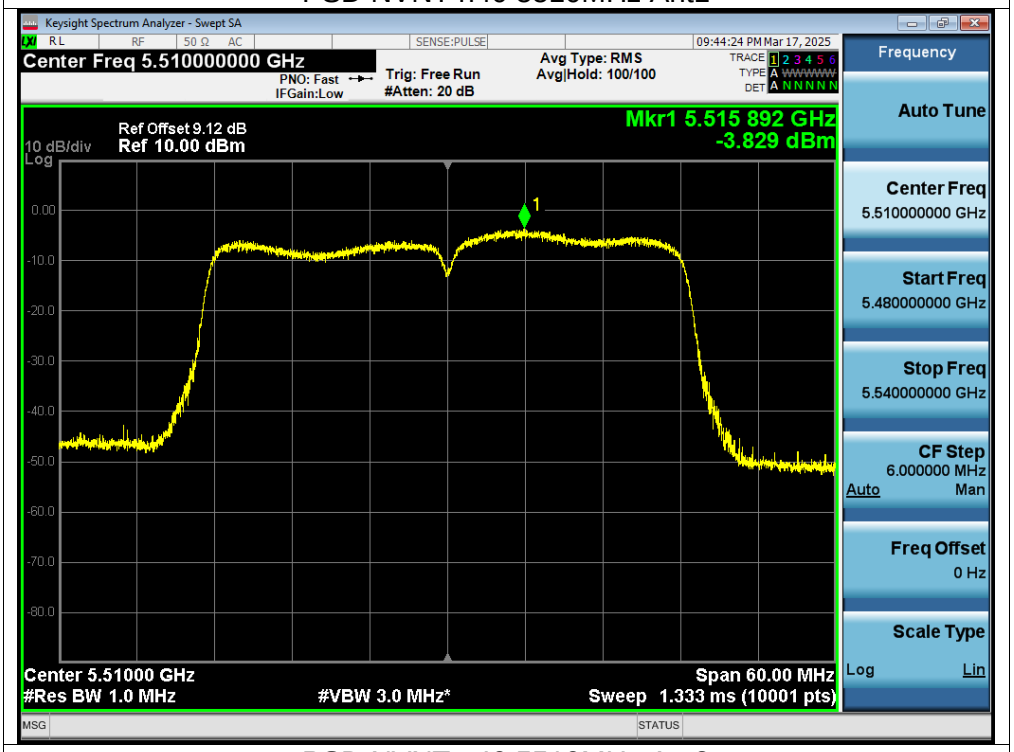
PSD NVNT n40 5310MHz Ant1



PSD NVNT n40 5310MHz Ant2

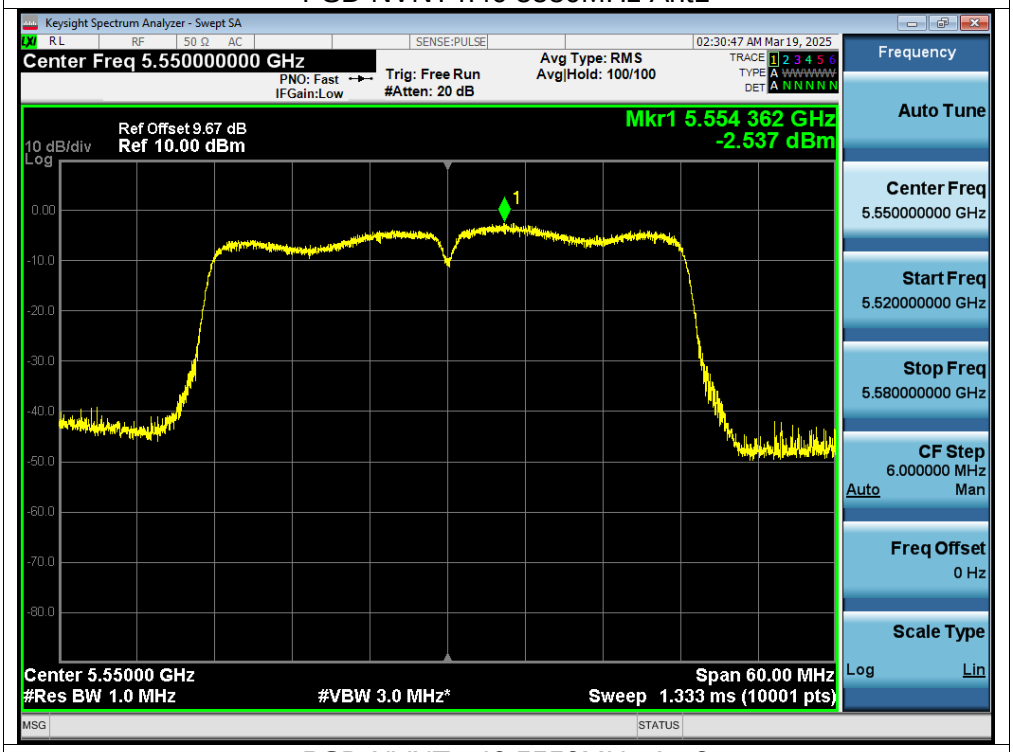


PSD NVNT n40 5510MHz Ant1



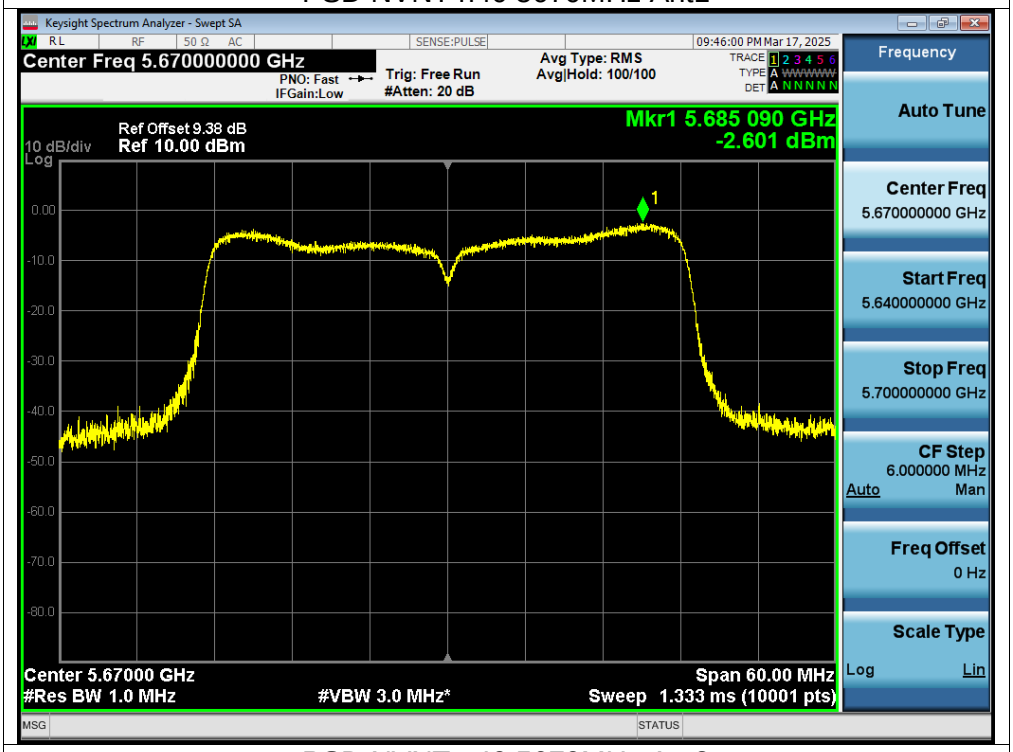
PSD NVNT n40 5510MHz Ant2

PSD NVNT n40 5550MHz Ant1



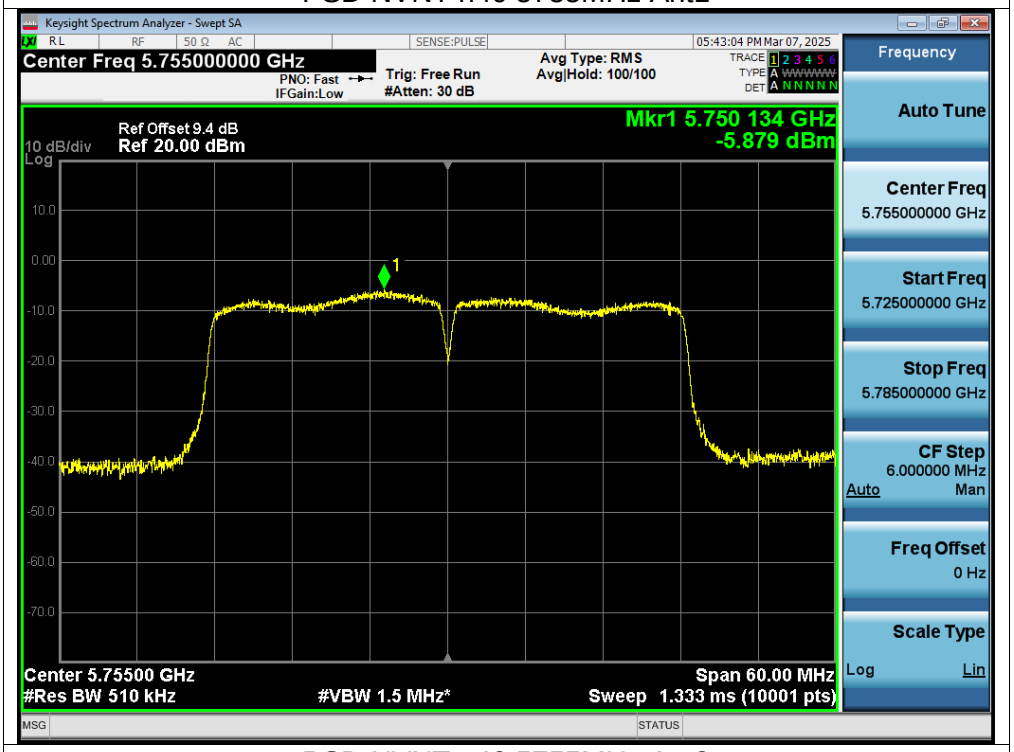
PSD NVNT n40 5550MHz Ant2

PSD NVNT n40 5670MHz Ant1

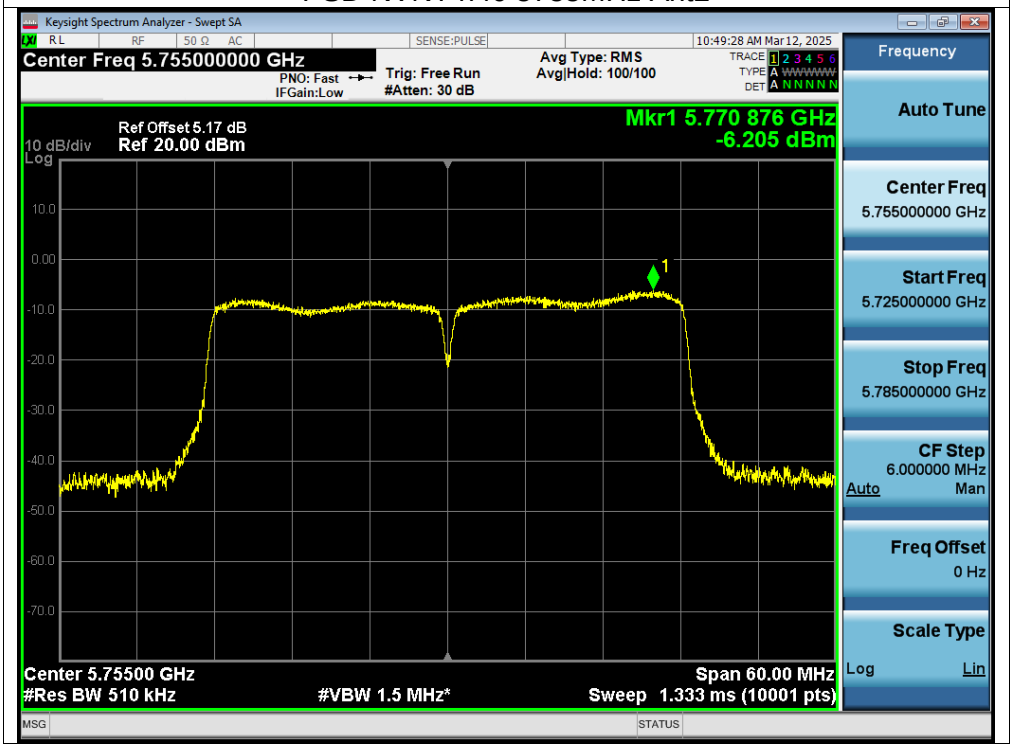


PSD NVNT n40 5670MHz Ant2

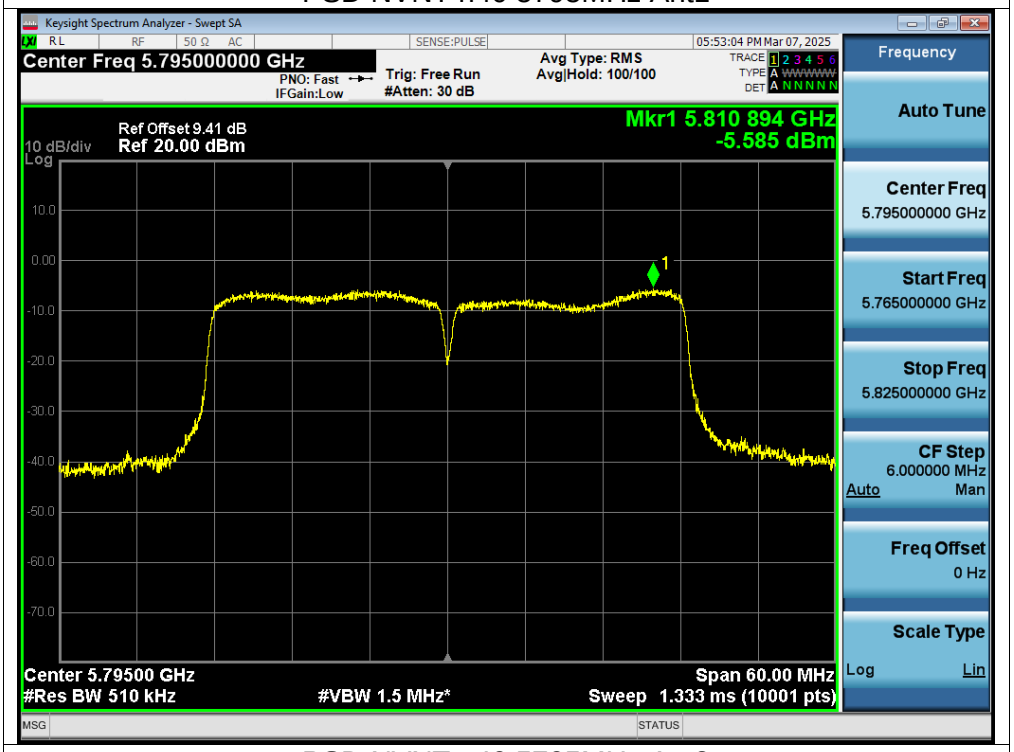
PSD NVNT n40 5755MHz Ant1



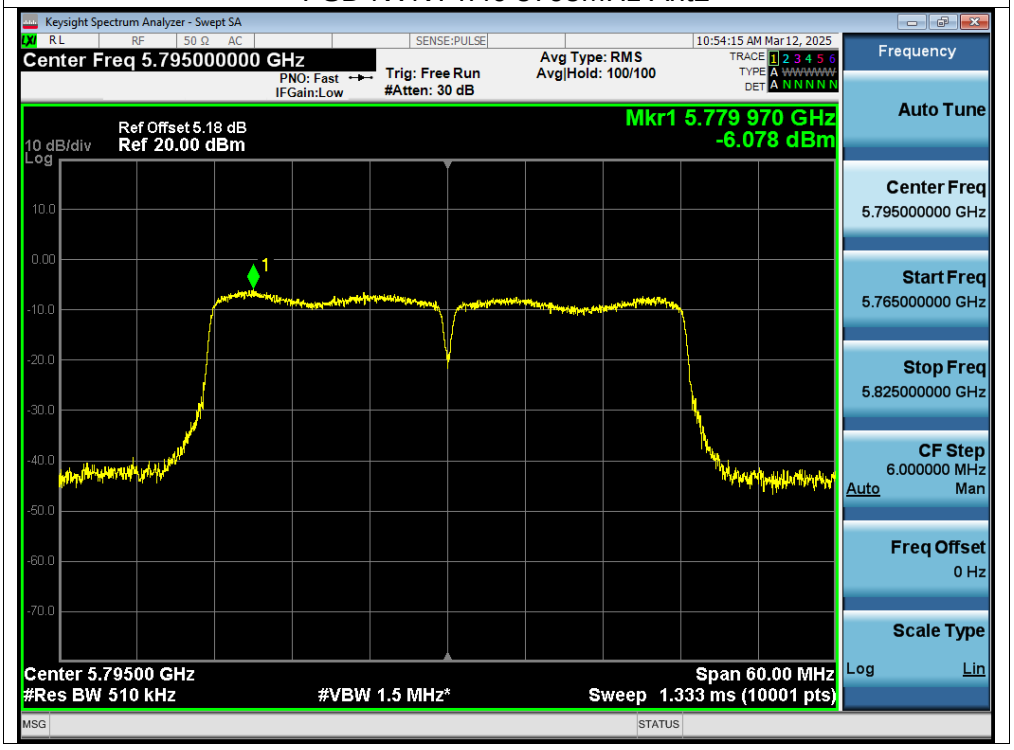
PSD NVNT n40 5755MHz Ant2



PSD NVNT n40 5795MHz Ant1



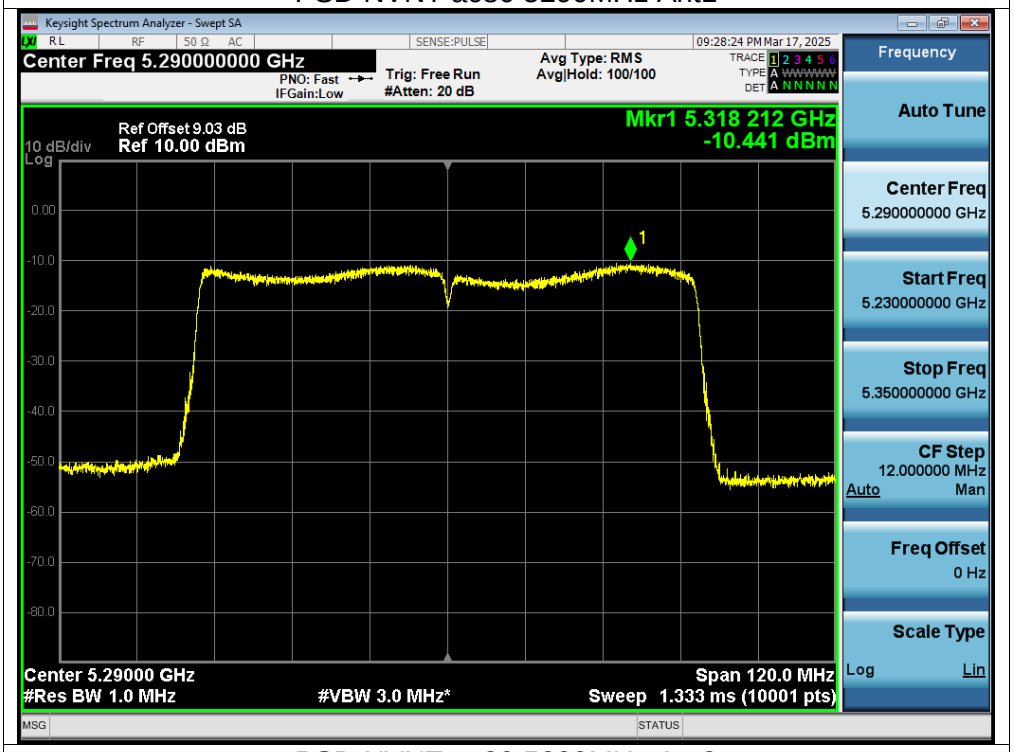
PSD NVNT n40 5795MHz Ant2



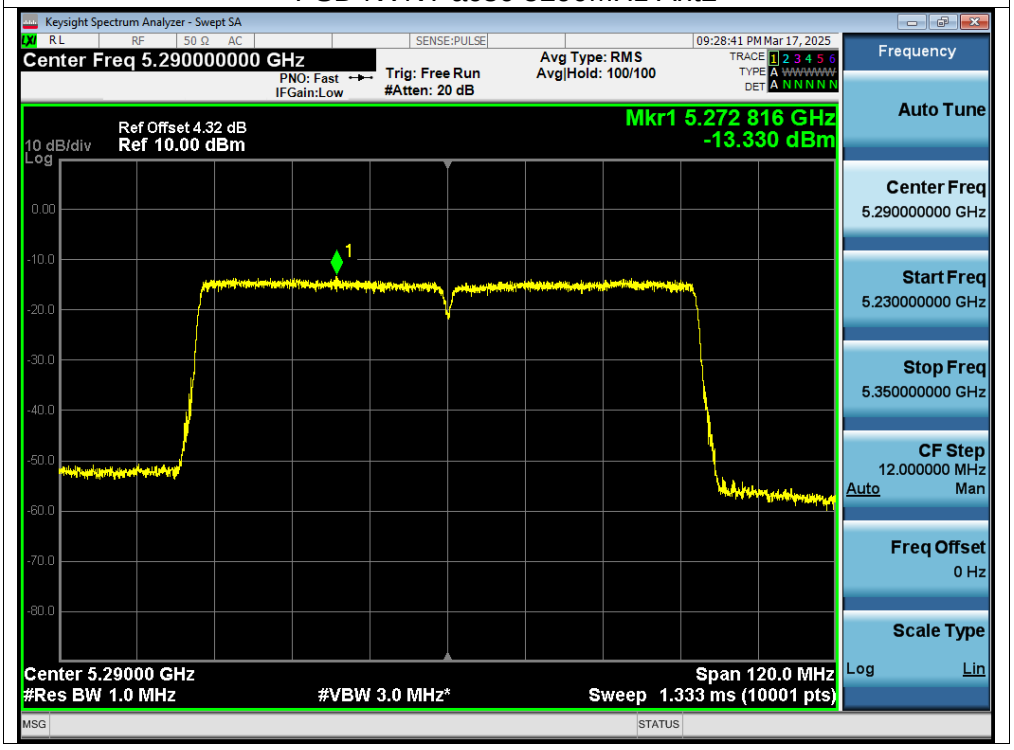
PSD NVNT ac80 5210MHz Ant1

PSD NVNT ac80 5210MHz Ant2

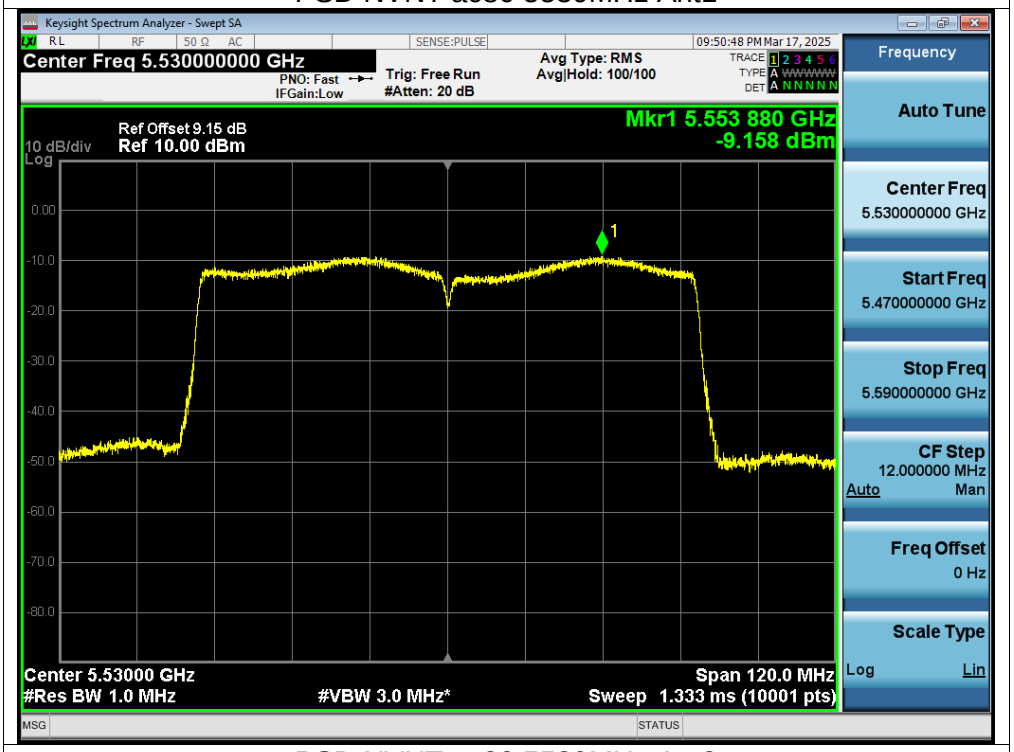
PSD NVNT ac80 5290MHz Ant1



PSD NVNT ac80 5290MHz Ant2



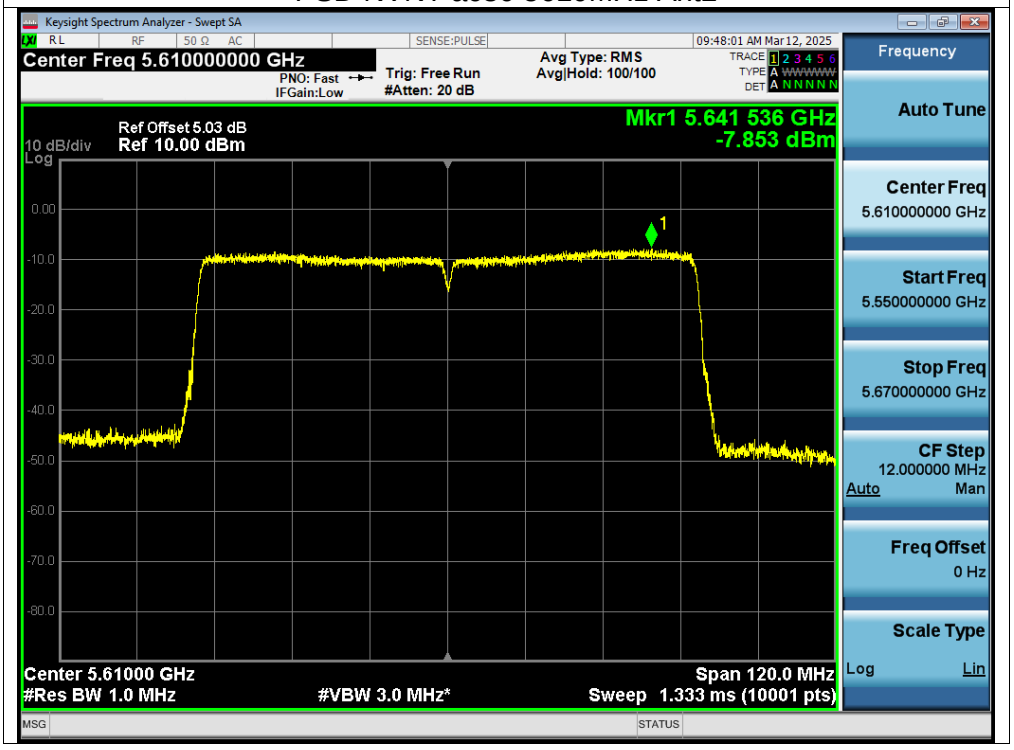
PSD NVNT ac80 5530MHz Ant1



PSD NVNT ac80 5530MHz Ant2

PSD NVNT ac80 5610MHz Ant1

PSD NVNT ac80 5610MHz Ant2



PSD NVNT ac80 5775MHz Ant1

PSD NVNT ac80 5775MHz Ant2

11.6. APPENDIX F: FREQUENCY STABILITY

Frequency Error vs. Voltage									
802.11a:5825MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5824.9997	-0.05	5824.9829	-2.94	5824.9952	-0.82	5824.9965	-0.61
TN	VN	5824.9921	-1.36	5824.9758	-4.15	5825.0197	3.38	5824.9814	-3.19
TN	VH	5824.9990	-0.17	5824.9855	-2.49	5824.9966	-0.59	5824.9832	-2.89
Frequency Error vs. Temperature									
802.11a:5825MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
50	VN	5825.0018	0.30	5825.0121	2.08	5825.0067	1.16	5824.9951	-0.84
40	VN	5824.9864	-2.34	5824.9862	-2.38	5825.0067	1.14	5824.9927	-1.26
30	VN	5825.0142	2.44	5825.0123	2.11	5825.0043	0.75	5825.0014	0.24
20	VN	5824.9825	-3.01	5824.9819	-3.11	5825.0235	4.03	5825.0103	1.76
10	VN	5825.0219	3.76	5825.0048	0.83	5825.0025	0.43	5825.0159	2.73
0	VN	5825.0039	0.67	5824.9912	-1.51	5824.9941	-1.02	5824.9909	-1.56
-10	VN	5824.9799	-3.46	5824.9781	-3.76	5825.0065	1.11	5824.9808	-3.30
-20	VN	5824.9861	-2.39	5824.9842	-2.71	5824.9987	-0.22	5824.9890	-1.89

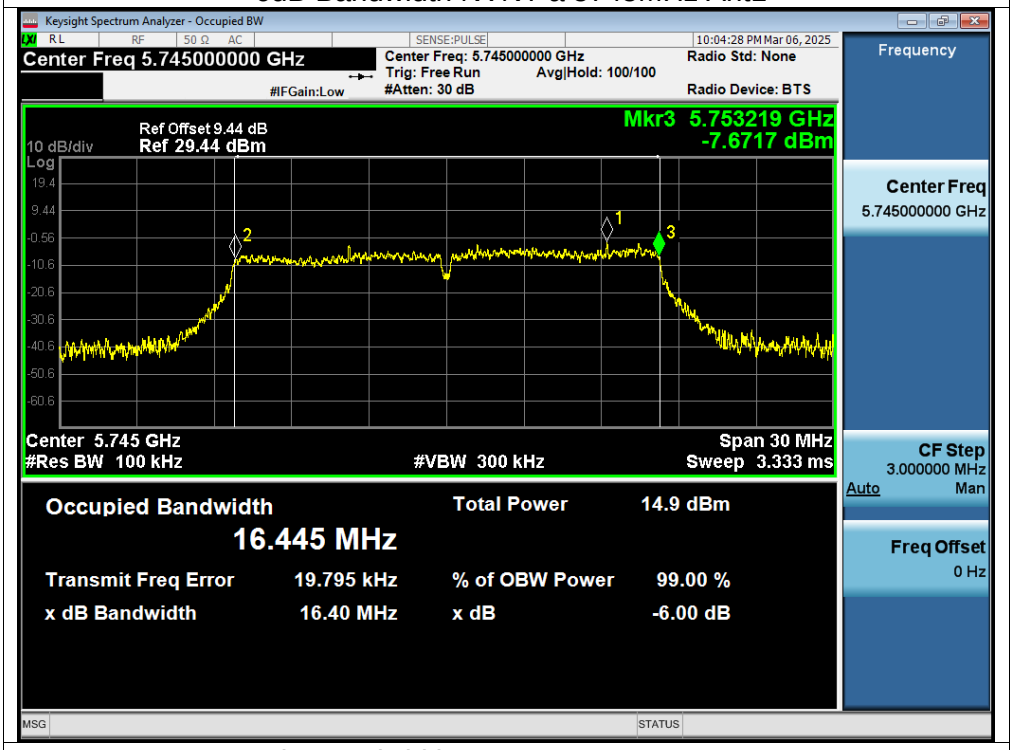
Note:
1. All antennas, test modes and test channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.

11.7. APPENDIX G: -6DB BANDWIDTH

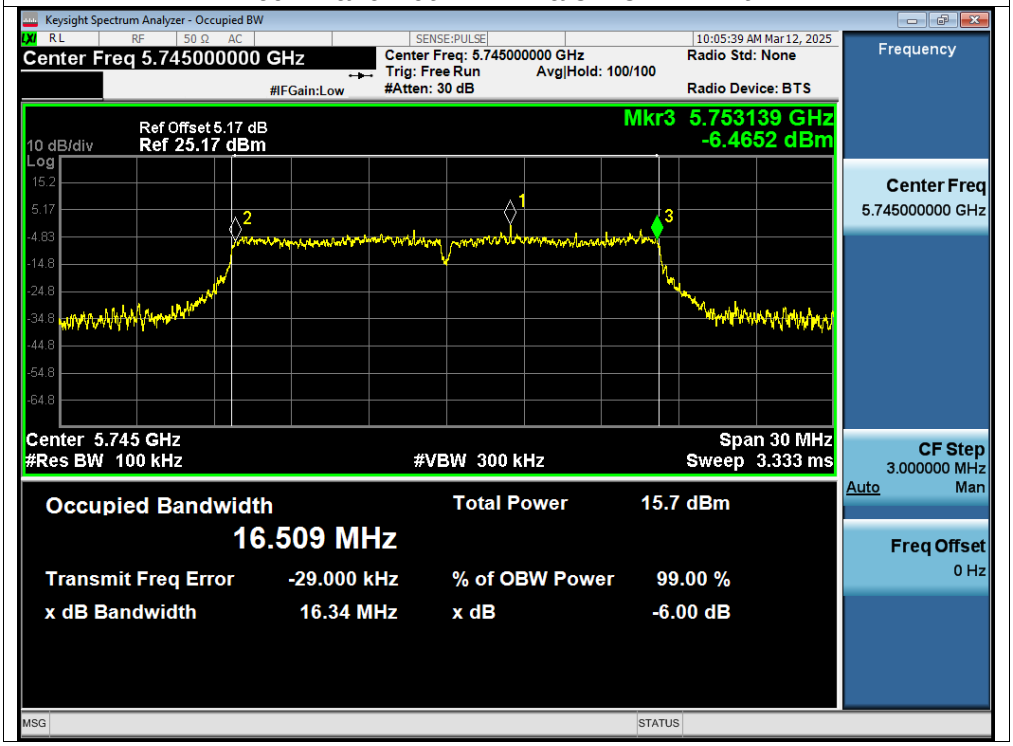
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.4	≥0.5	Pass
NVNT	a	5745	Ant2	16.34	≥0.5	Pass
NVNT	a	5785	Ant1	16.33	≥0.5	Pass
NVNT	a	5785	Ant2	16.41	≥0.5	Pass
NVNT	a	5825	Ant1	16.08	≥0.5	Pass
NVNT	a	5825	Ant2	16.33	≥0.5	Pass
NVNT	n20	5745	Ant1	17.17	≥0.5	Pass
NVNT	n20	5745	Ant2	17.63	≥0.5	Pass
NVNT	n20	5785	Ant1	17.3	≥0.5	Pass
NVNT	n20	5785	Ant2	17.57	≥0.5	Pass
NVNT	n20	5825	Ant1	17.21	≥0.5	Pass
NVNT	n20	5825	Ant2	17.57	≥0.5	Pass
NVNT	n40	5755	Ant1	35.32	≥0.5	Pass
NVNT	n40	5755	Ant2	33.99	≥0.5	Pass
NVNT	n40	5795	Ant1	35.72	≥0.5	Pass
NVNT	n40	5795	Ant2	35.73	≥0.5	Pass
NVNT	ac80	5775	Ant1	74.47	≥0.5	Pass
NVNT	ac80	5775	Ant2	75.62	≥0.5	Pass

Test Graphs

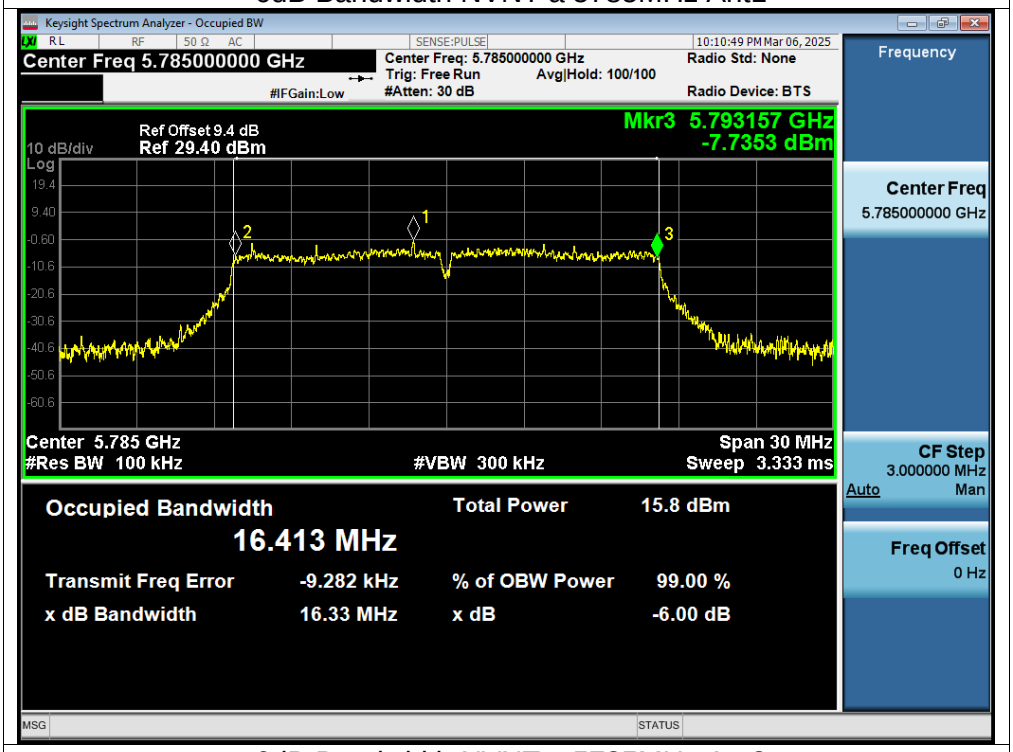
-6dB Bandwidth NVNT a 5745MHz Ant1



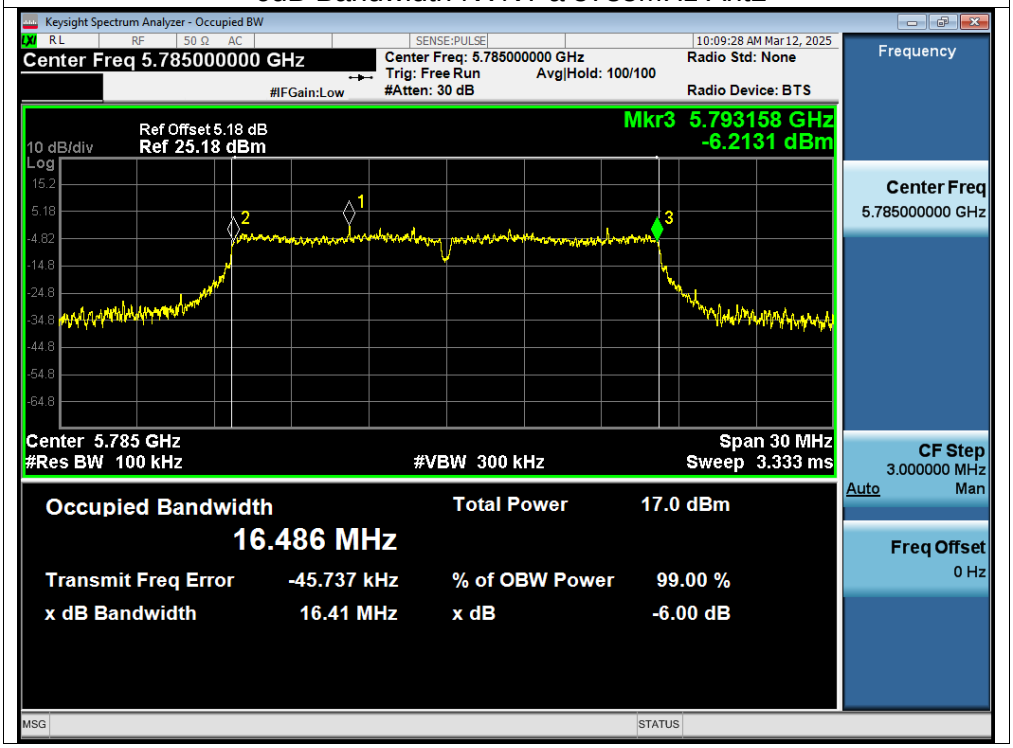
-6dB Bandwidth NVNT a 5745MHz Ant2



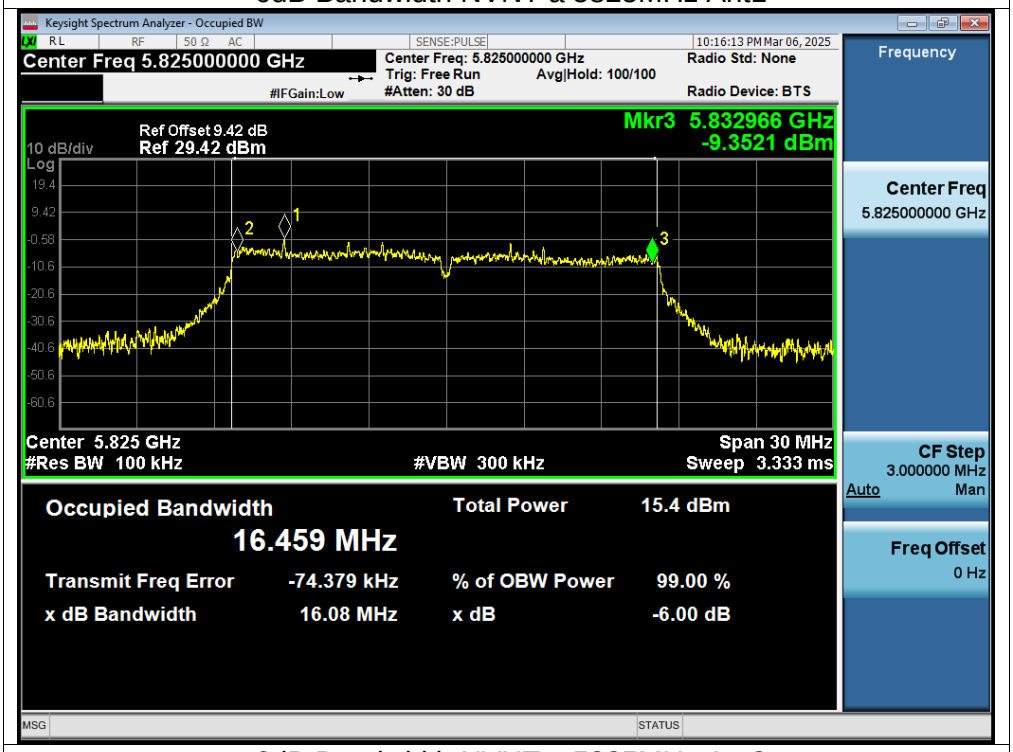
-6dB Bandwidth NVNT a 5785MHz Ant1



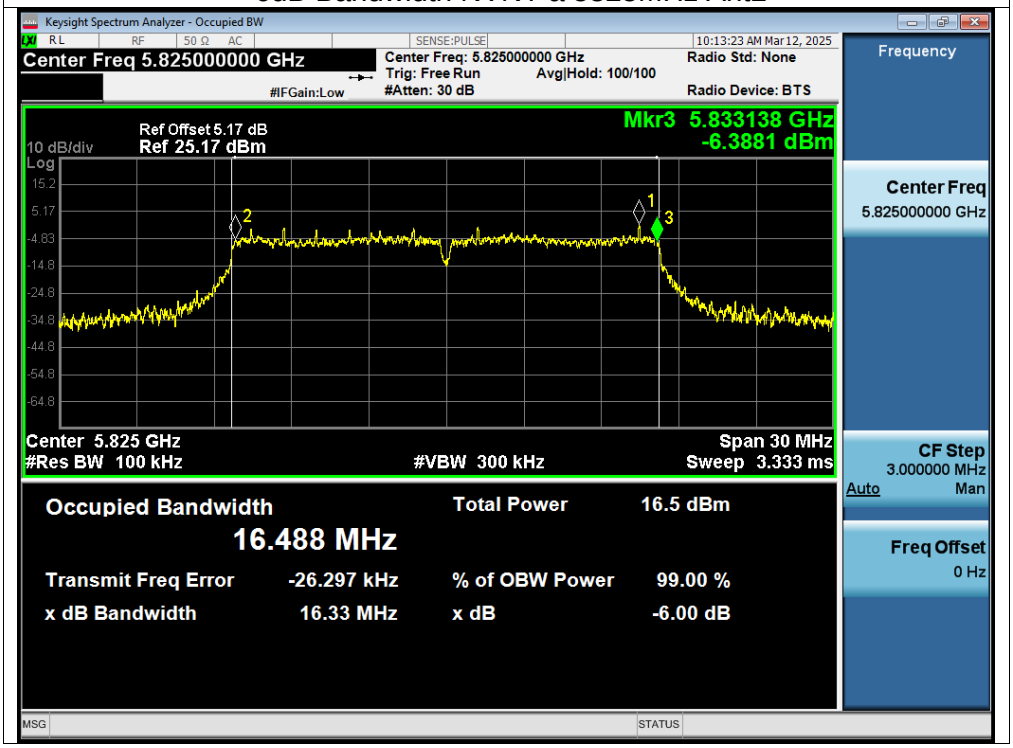
-6dB Bandwidth NVNT a 5785MHz Ant2



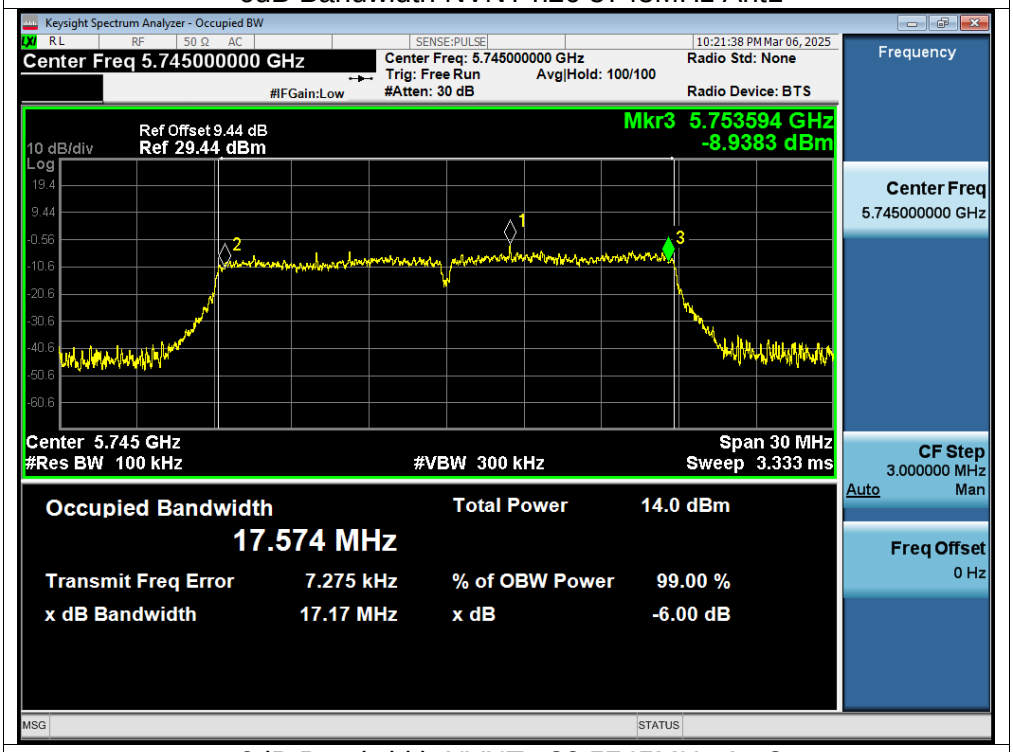
-6dB Bandwidth NVNT a 5825MHz Ant1



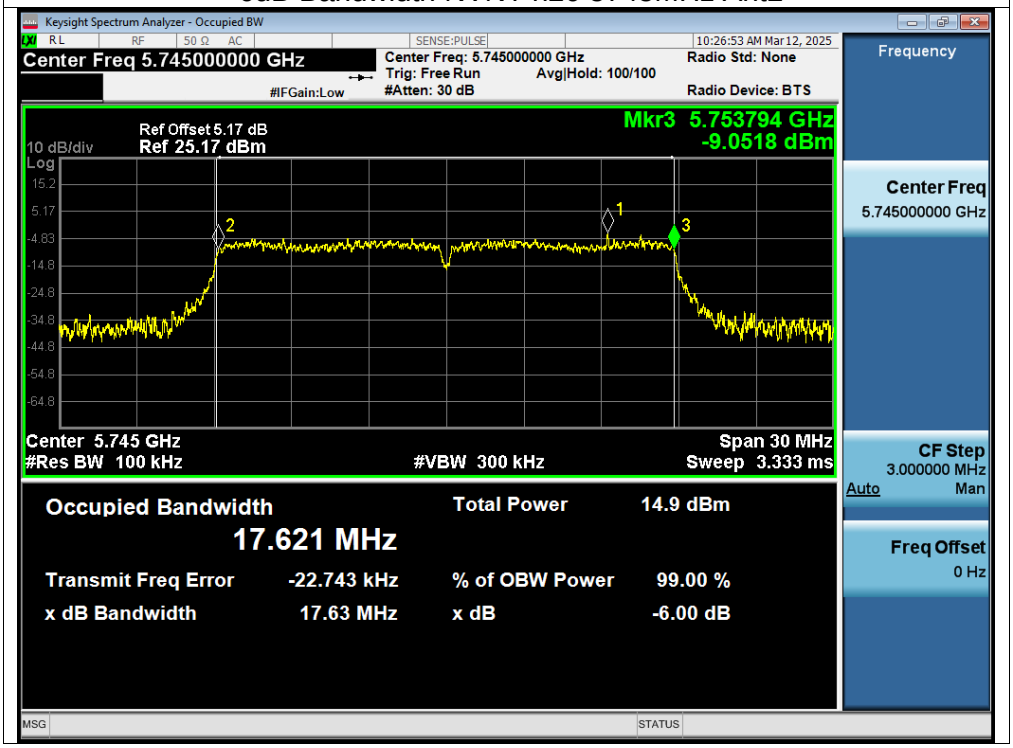
-6dB Bandwidth NVNT a 5825MHz Ant2



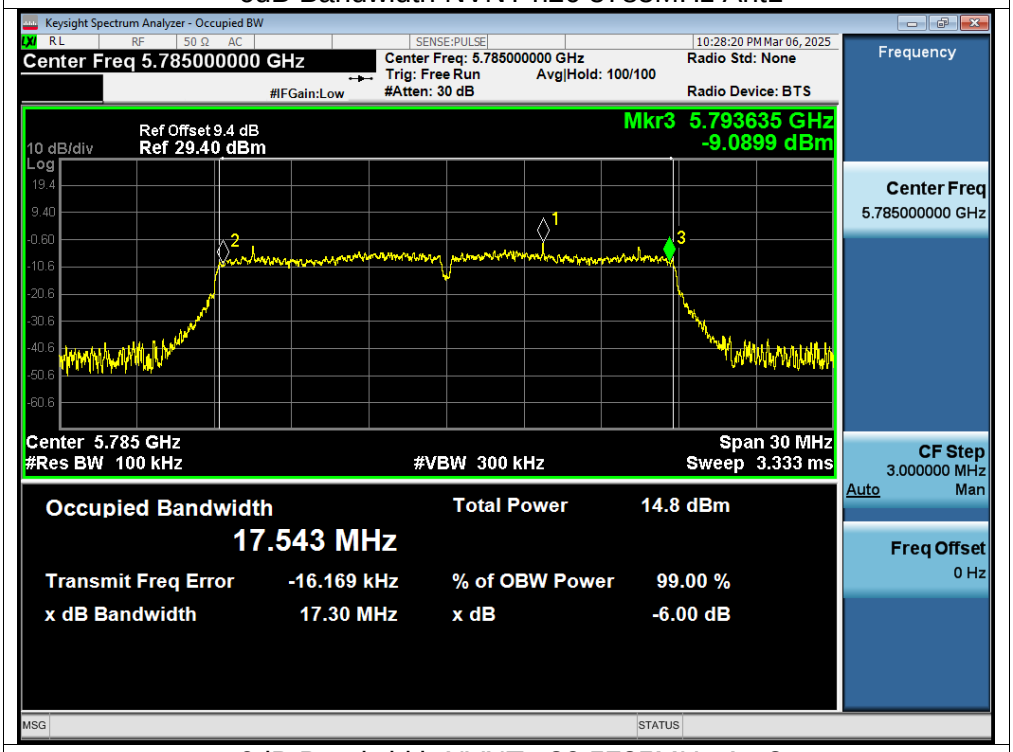
-6dB Bandwidth NVNT n20 5745MHz Ant1



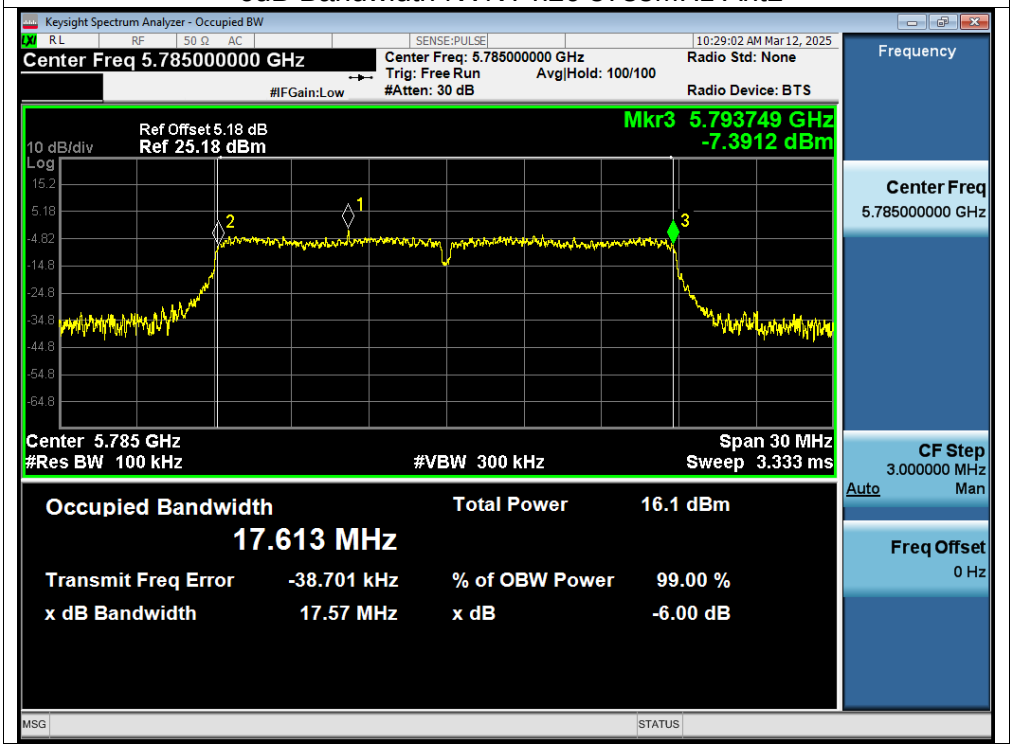
-6dB Bandwidth NVNT n20 5745MHz Ant2



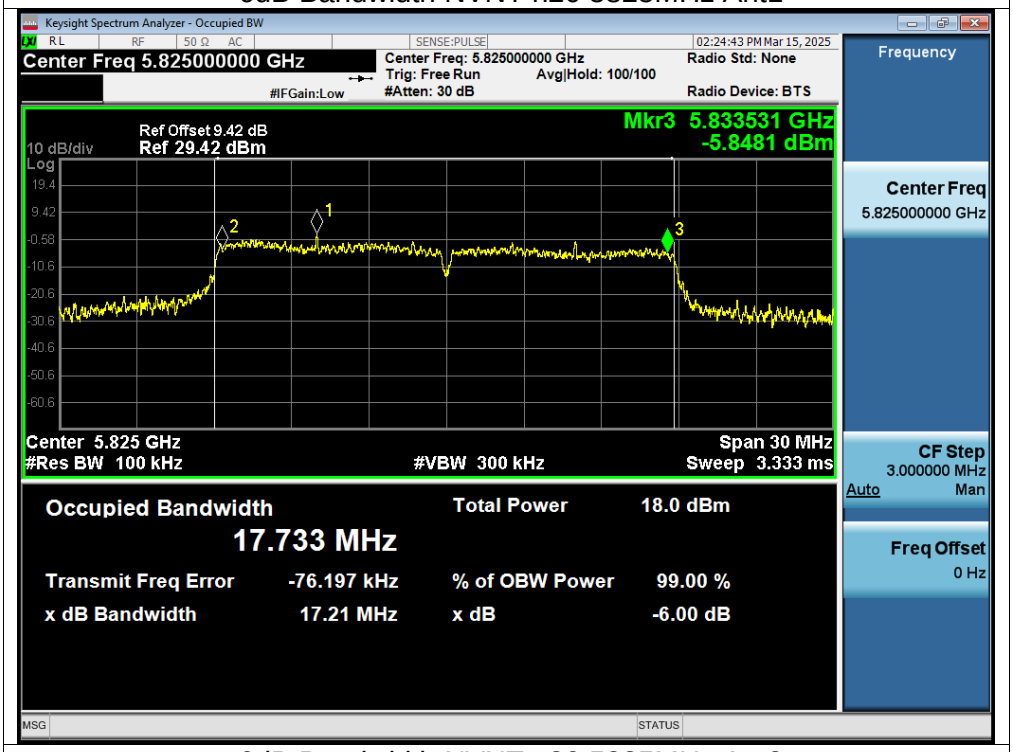
-6dB Bandwidth NVNT n20 5785MHz Ant1



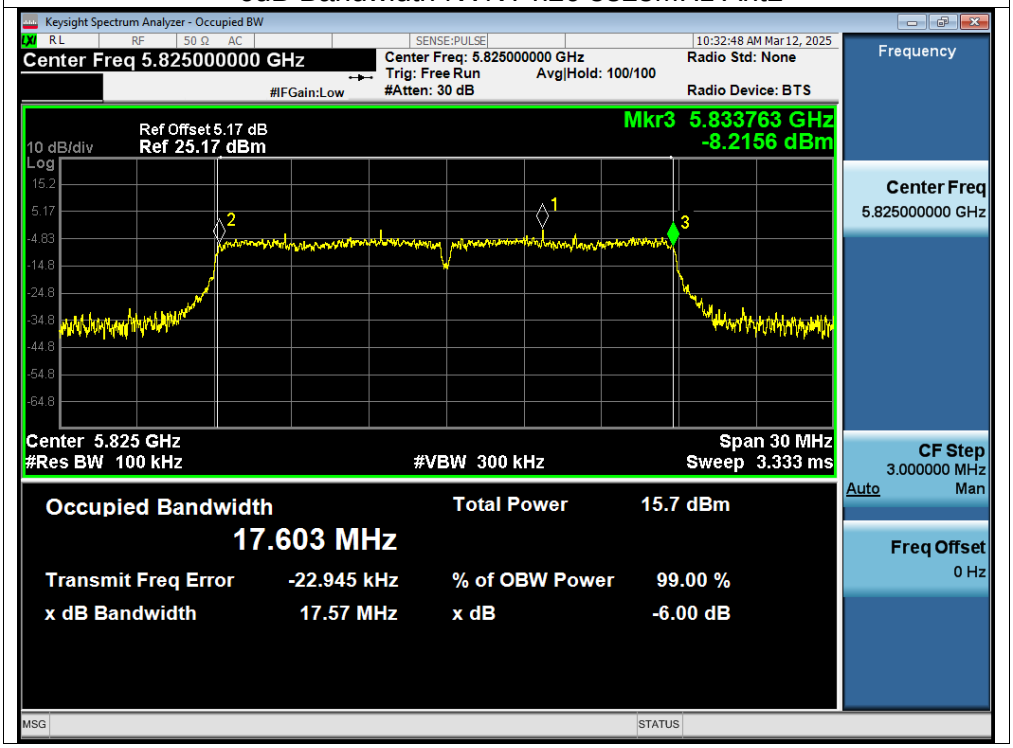
-6dB Bandwidth NVNT n20 5785MHz Ant2



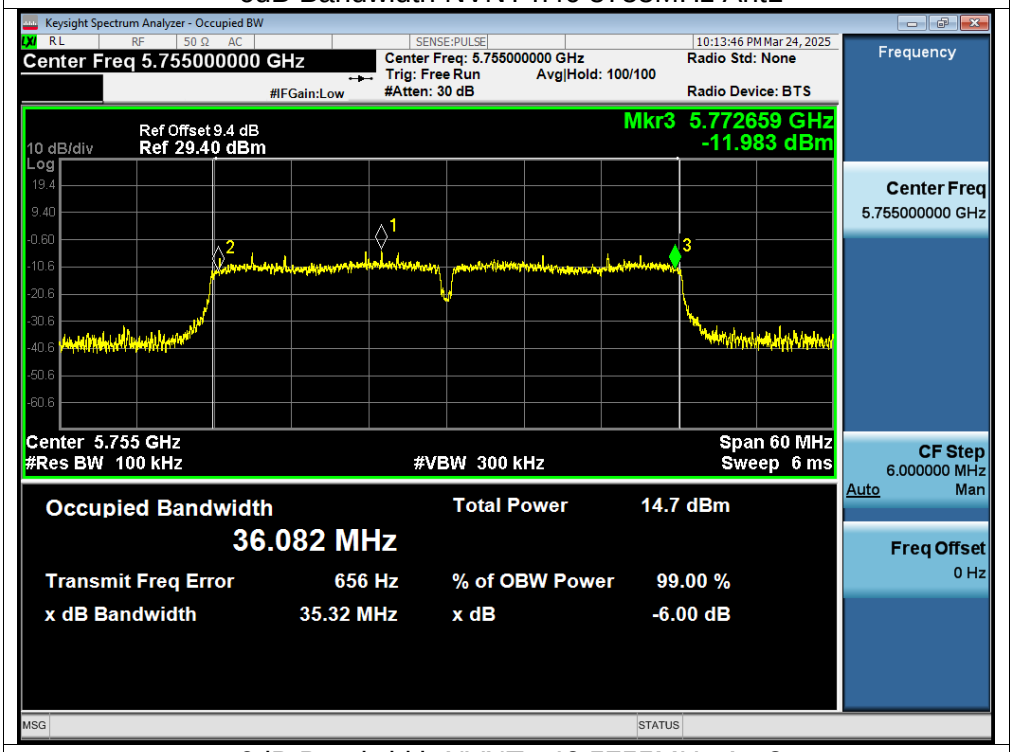
-6dB Bandwidth NVNT n20 5825MHz Ant1



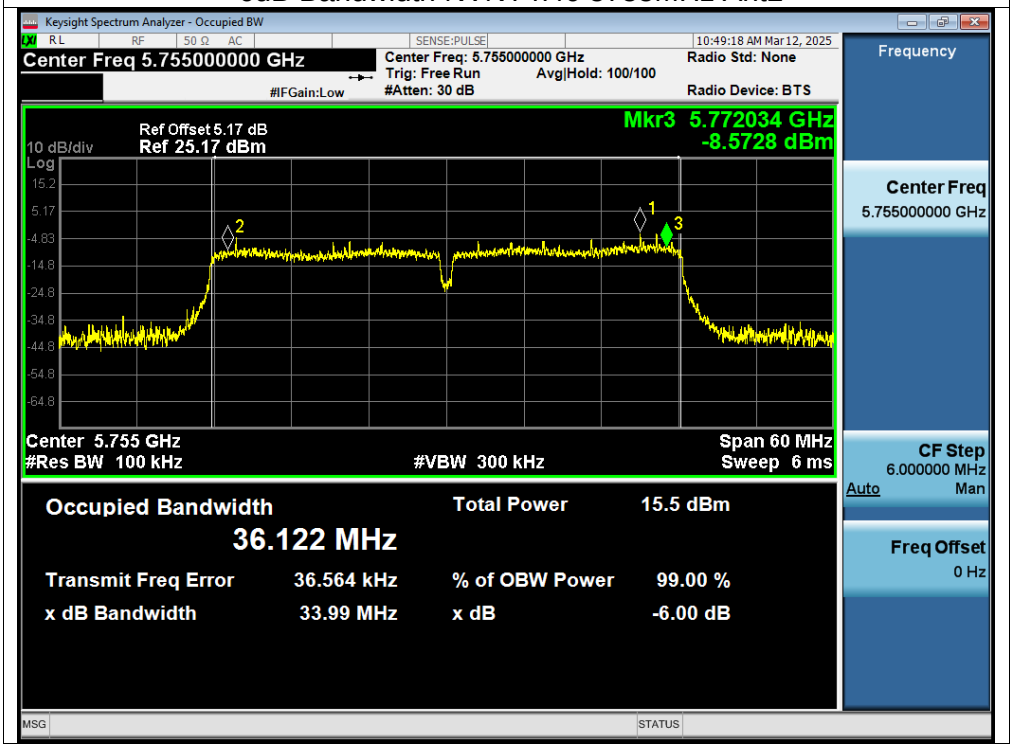
-6dB Bandwidth NVNT n20 5825MHz Ant2



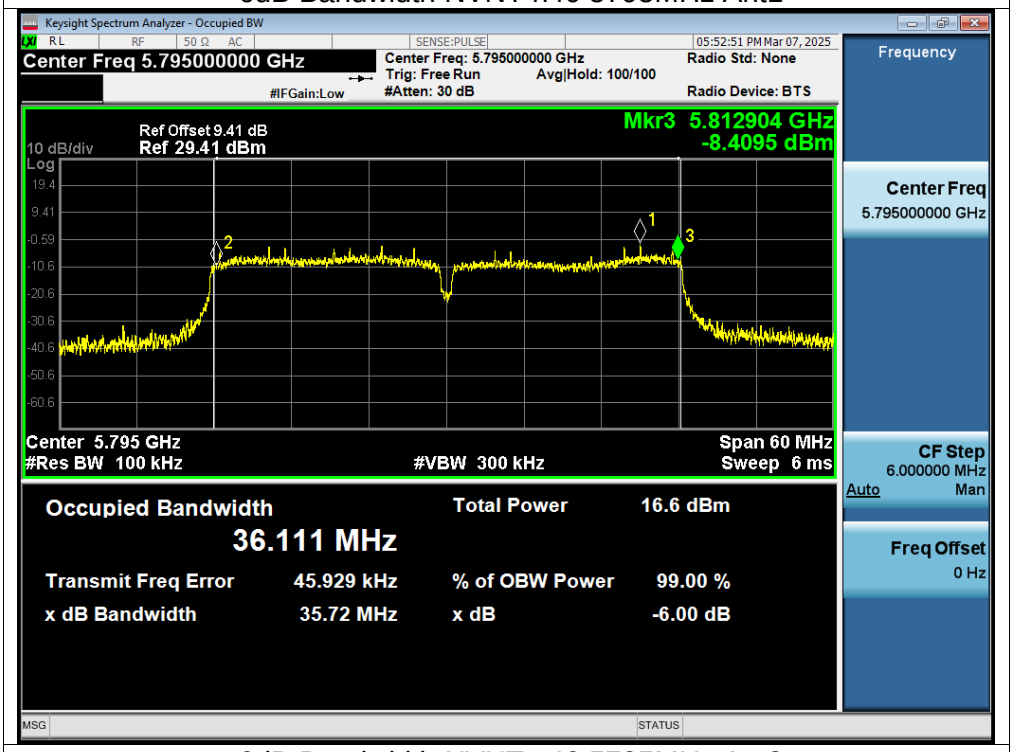
-6dB Bandwidth NVNT n40 5755MHz Ant1



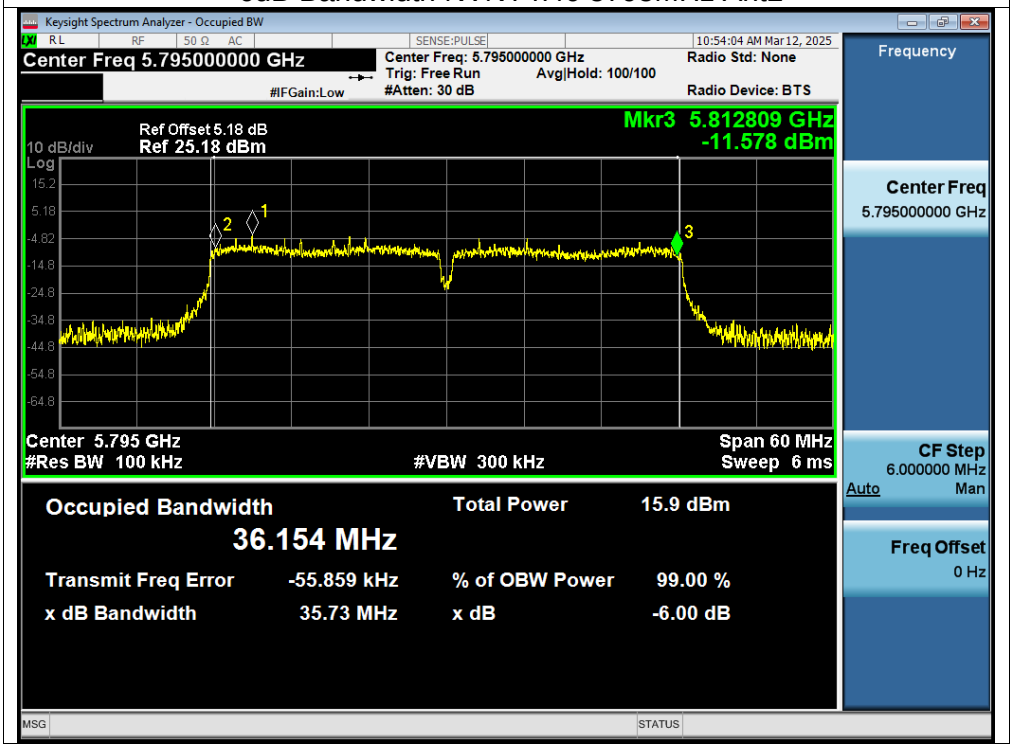
-6dB Bandwidth NVNT n40 5755MHz Ant2



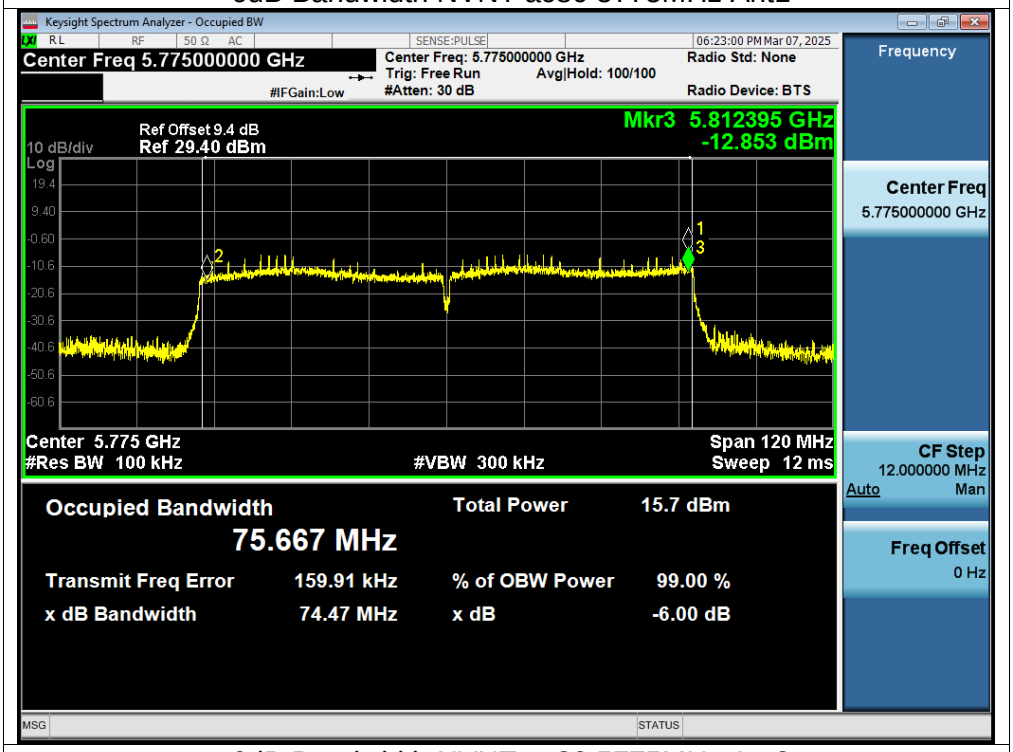
-6dB Bandwidth NVNT n40 5795MHz Ant1



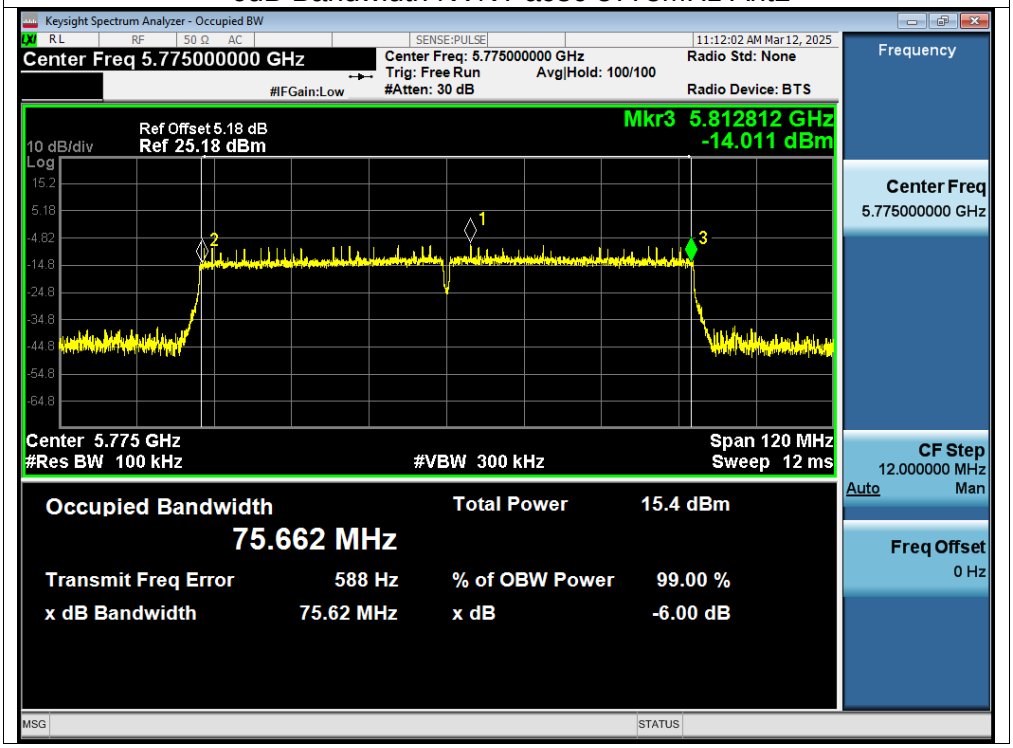
-6dB Bandwidth NVNT n40 5795MHz Ant2



-6dB Bandwidth NVNT ac80 5775MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant2



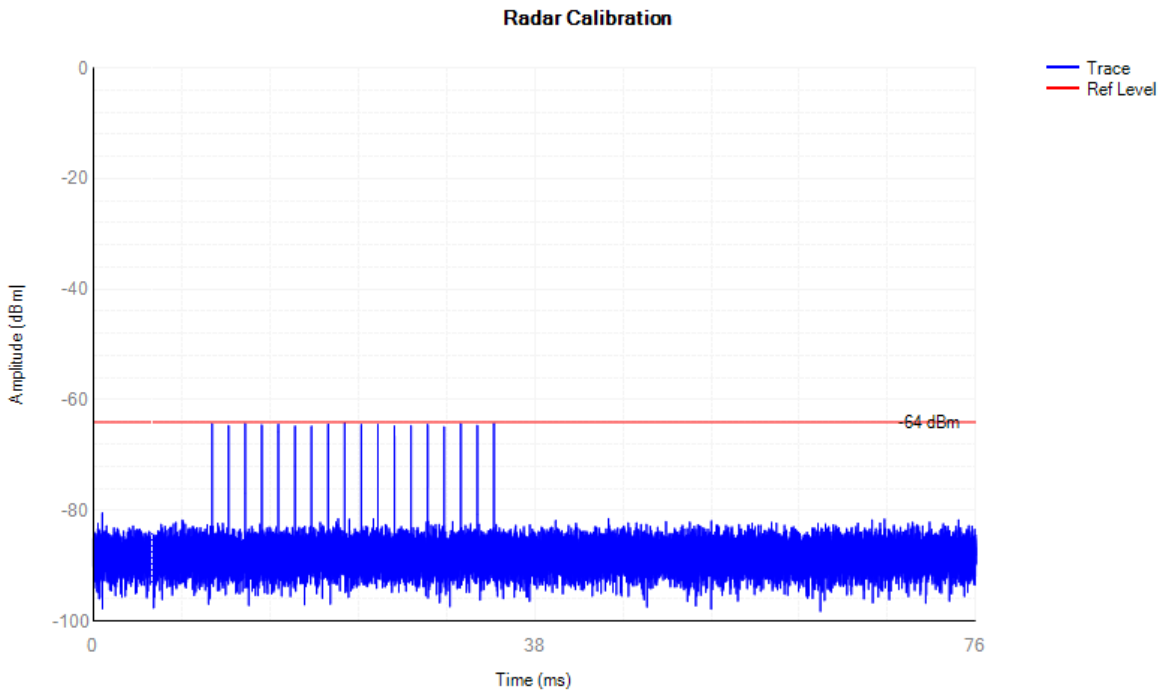
11.8. APPENDIX H: DYNAMIC FREQUENCY SELECTION

Calibration

Mode	Frequency (MHz)	Type	Result	Verdict
ac80	5530	DFS_FCC_T0	See test Graph	Pass

Test Graphs

5530MHz DFS_FCC_T0

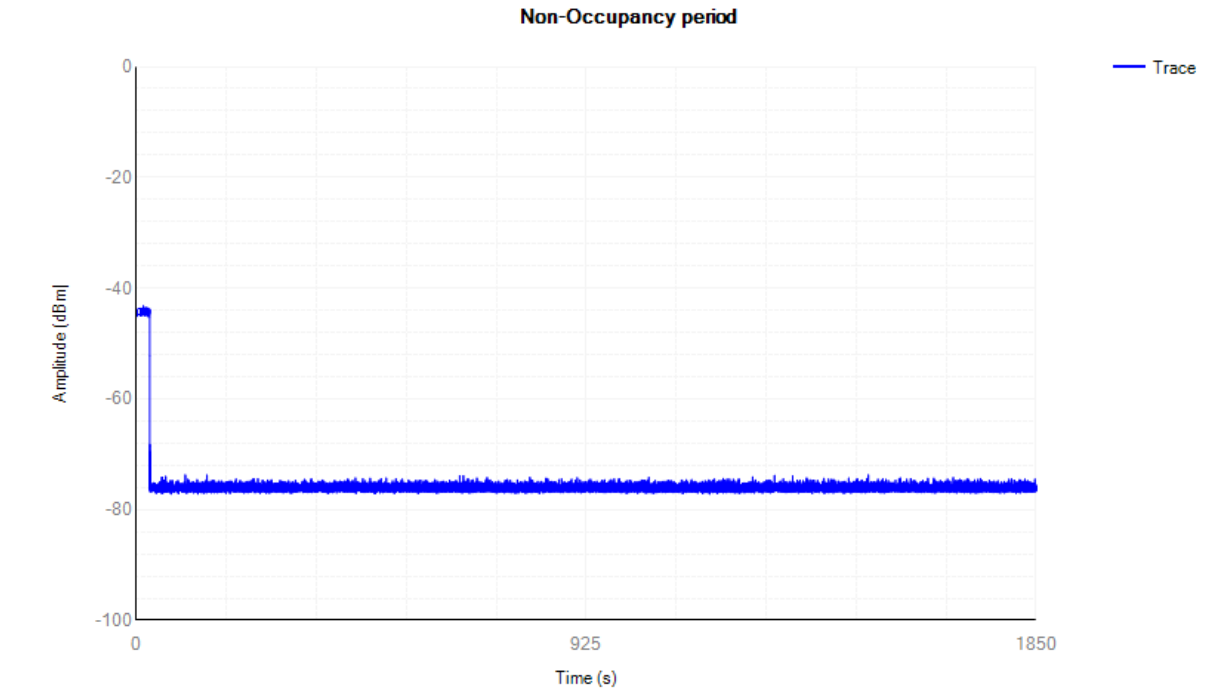


Non-Occupancy

Mode	Frequency (MHz)	Result	Verdict
ac80	5530	See test Graph	Pass

Test Graphs

ac80 5530MHz Non-Occupancy

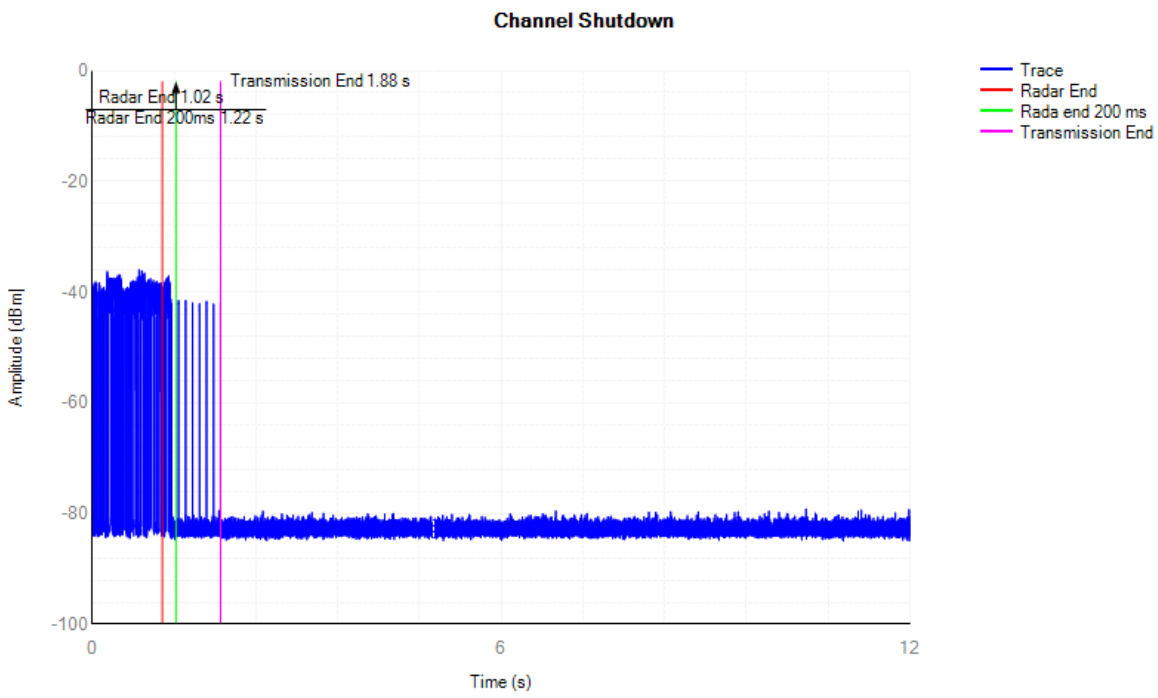


Shutdown Time

Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
ac80	5530	0.8541	10	0.1064	0.26	0.0084	0.06	Pass

Test Graphs

5530 MHz Shutdown



END OF REPORT