

Case No. : <u>GTS20251018009-1-05</u>
Ambient Condition: <u>20</u> °C, <u>50</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.1.08-2026.3.19</u> Test Engineer: <u>Evan ouyang</u>

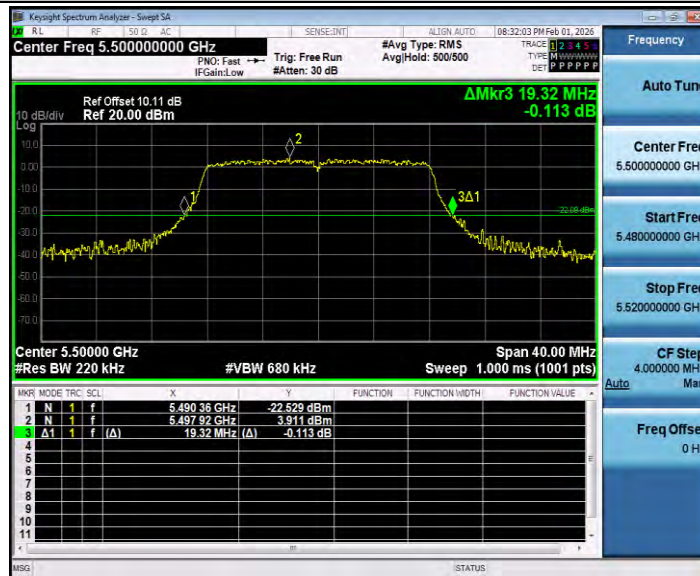
AppendixF.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	19.320	5490.360	5509.680	---	---
		5580	19.480	5570.160	5589.640	---	---
		5700	19.360	5690.200	5709.560	---	---
11N20SISO	Ant1	5500	20.600	5489.760	5510.360	---	---
		5580	20.560	5569.920	5590.480	---	---
		5700	20.400	5689.800	5710.200	---	---
11N40SISO	Ant1	5510	39.920	5490.000	5529.920	---	---
		5590	40.080	5569.920	5610.000	---	---
		5670	39.760	5650.320	5690.080	---	---
11AC20SISO	Ant1	5500	20.480	5489.760	5510.240	---	---
		5580	20.480	5569.760	5590.240	---	---
		5700	20.400	5689.800	5710.200	---	---
11AC40SISO	Ant1	5510	39.760	5490.160	5529.920	---	---
		5590	40.080	5570.080	5610.160	---	---
		5670	40.080	5650.080	5690.160	---	---
11AC80SISO	Ant1	5530	82.240	5488.880	5571.120	---	---
		5610	82.240	5569.040	5651.280	---	---
11AC160SISO	Ant1	5570	166.400	5487.440	5653.840	---	---
11AX20SISO	Ant1	5500	21.320	5489.440	5510.760	---	---
		5580	21.240	5569.480	5590.720	---	---
		5700	20.840	5689.520	5710.360	---	---
11AX40SISO	Ant1	5510	40.400	5489.760	5530.160	---	---
		5590	40.480	5569.760	5610.240	---	---
		5670	40.320	5649.840	5690.160	---	---
11AX80SISO	Ant1	5530	82.400	5488.400	5570.800	---	---
		5610	82.080	5569.520	5651.600	---	---
11AX160SISO	Ant1	5570	164.160	5488.720	5652.880	---	---

Test Graphs

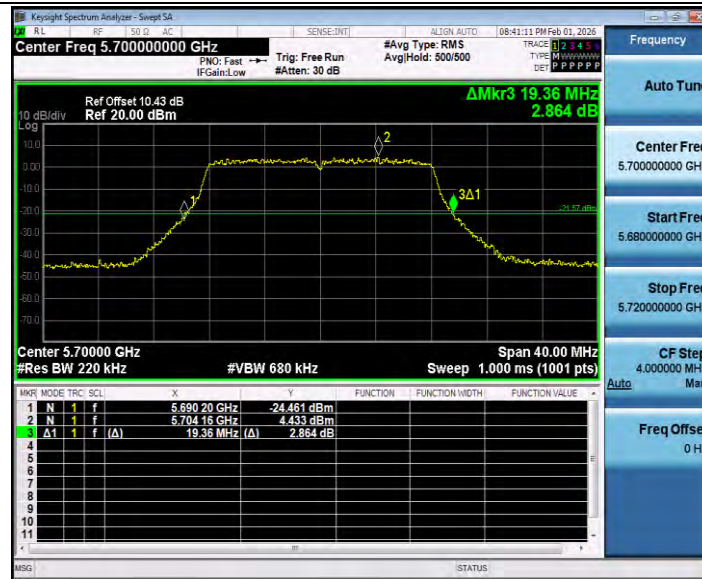
11A_Ant1_5500



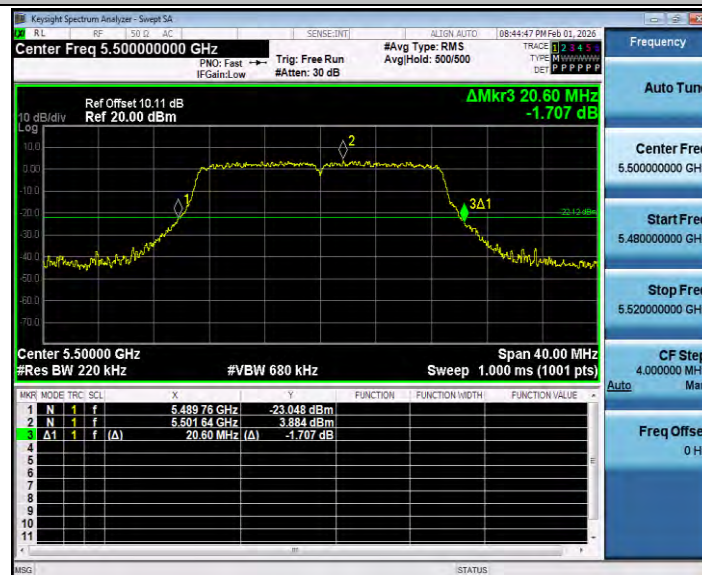
11A_Ant1_5580



11A_Ant1_5700



11N20SISO_Ant1_5500



11N20SISO_Ant1_5580



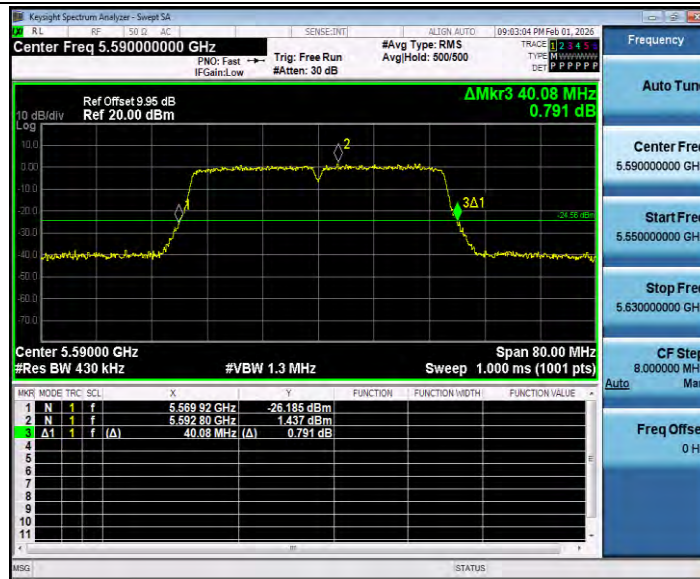
11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670



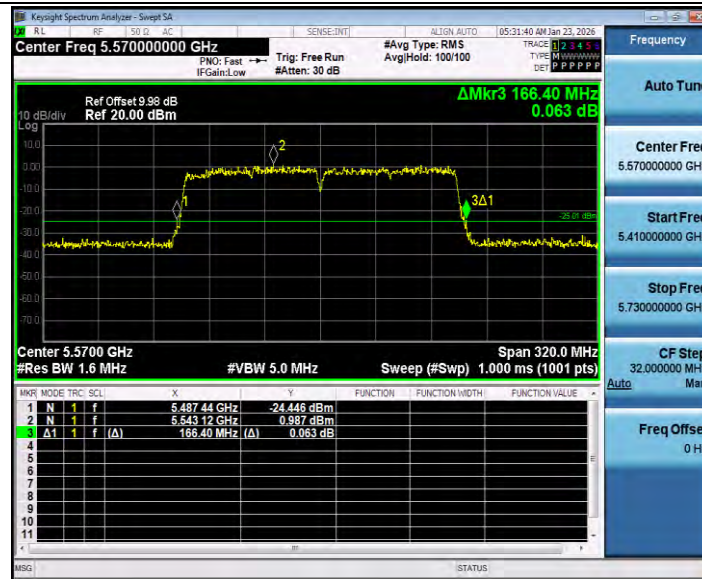
11AC80SISO_Ant1_5530



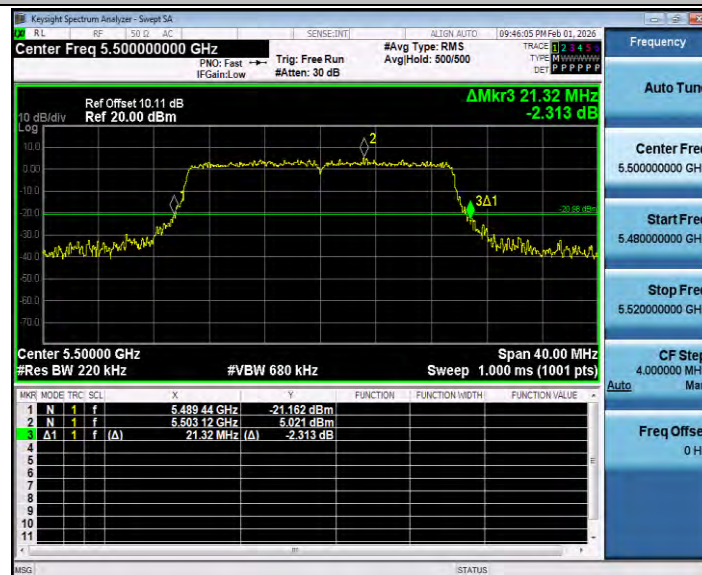
11AC80SISO_Ant1_5610



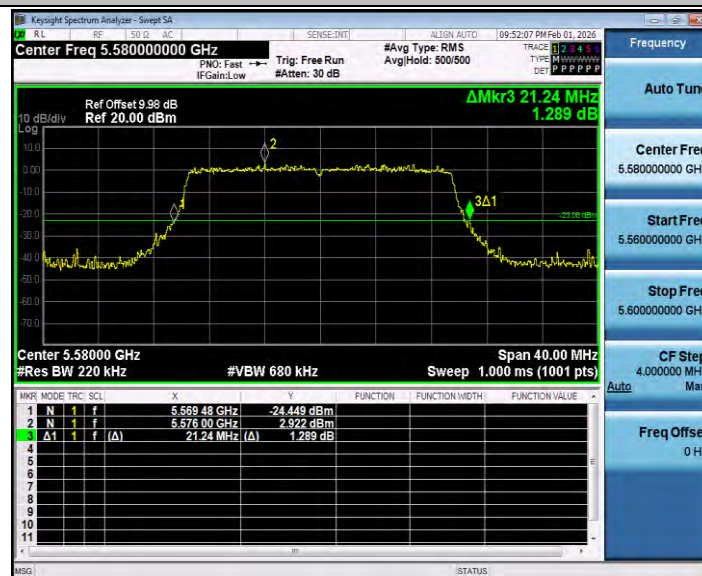
11AC160SISO_Ant1_5570



11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5580



11AX20SISO_Ant1_5700



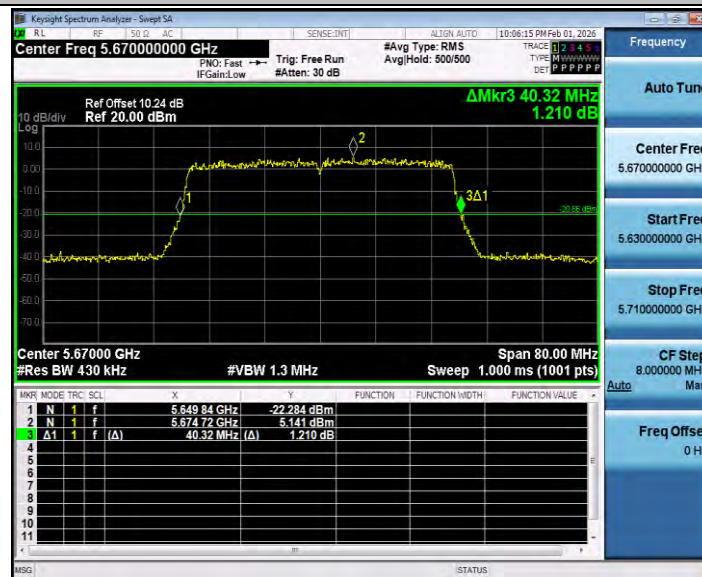
11AX40SISO_Ant1_5510



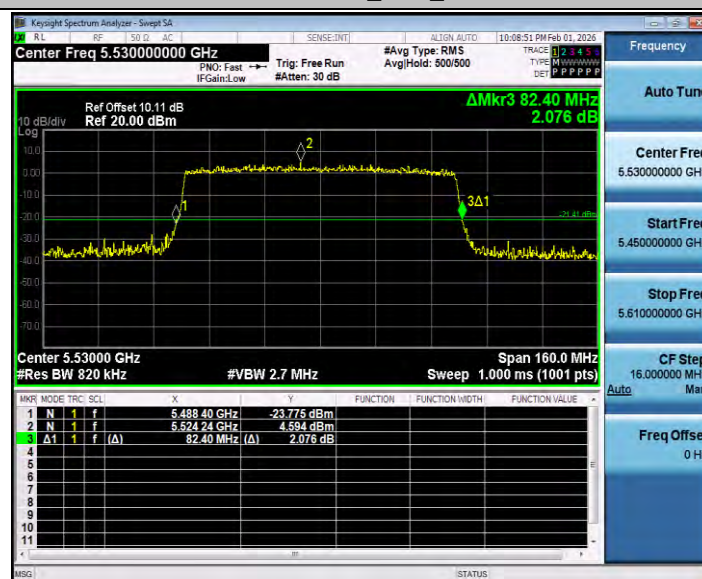
11AX40SISO_Ant1_5590



11AX40ISO_Ant1_5670



11AX80ISO_Ant1_5530



11AX80SISO_Ant1_5610



11AX160SISO_Ant1_5570



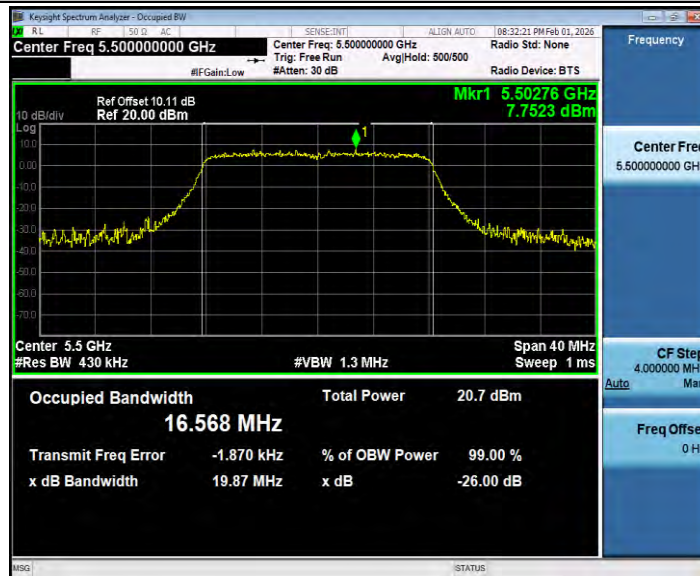
AppendixF.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	16.568	5491.7141	5508.2821	---	---
		5580	16.589	5571.7034	5588.2924	---	---
		5700	16.595	5691.6781	5708.2731	---	---
11N20SISO	Ant1	5500	17.724	5491.1266	5508.8506	---	---
		5580	17.751	5571.1141	5588.8651	---	---
		5700	17.720	5691.1317	5708.8517	---	---
11N40SISO	Ant1	5510	36.174	5491.9008	5528.0748	---	---
		5590	36.226	5571.8969	5608.1229	---	---
		5670	36.151	5651.9621	5688.1131	---	---
11AC20SISO	Ant1	5500	17.737	5491.1253	5508.8623	---	---
		5580	17.744	5571.1072	5588.8512	---	---
		5700	17.723	5691.1163	5708.8393	---	---
11AC40SISO	Ant1	5510	36.153	5491.9040	5528.0570	---	---
		5590	36.255	5571.9017	5608.1567	---	---
		5670	36.146	5651.9806	5688.1266	---	---
11AC80SISO	Ant1	5530	75.443	5492.2036	5567.6466	---	---
		5610	75.668	5572.3869	5648.0549	---	---
11AC160SISO	Ant1	5570	155.31	5492.9643	5648.2743	---	---
11AX20SISO	Ant1	5500	19.009	5490.4841	5509.4931	---	---
		5580	18.999	5570.4786	5589.4776	---	---
		5700	18.988	5690.4994	5709.4874	---	---
11AX40SISO	Ant1	5510	37.819	5491.0351	5528.8541	---	---
		5590	37.885	5571.0658	5608.9508	---	---
		5670	37.778	5651.1735	5688.9515	---	---
11AX80SISO	Ant1	5530	77.331	5491.2999	5568.6309	---	---
		5610	77.461	5571.4382	5648.8992	---	---
11AX160SISO	Ant1	5570	156.74	5492.1710	5648.9110	---	---

Test Graphs

11A_Ant1_5500



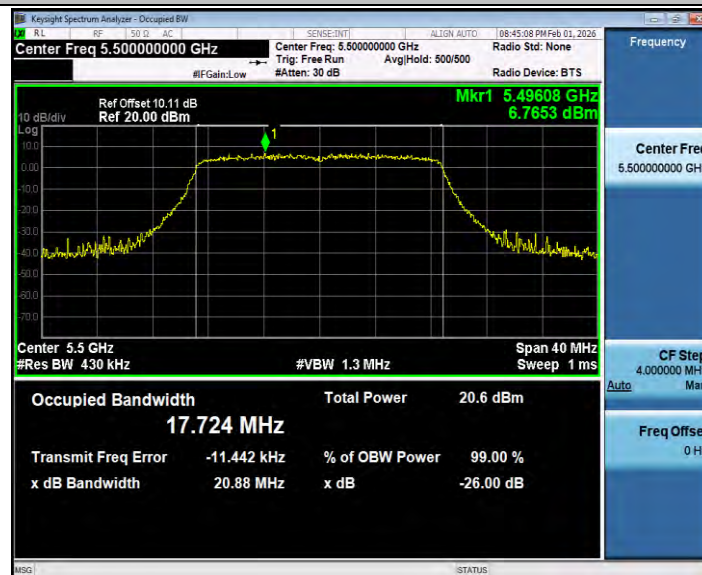
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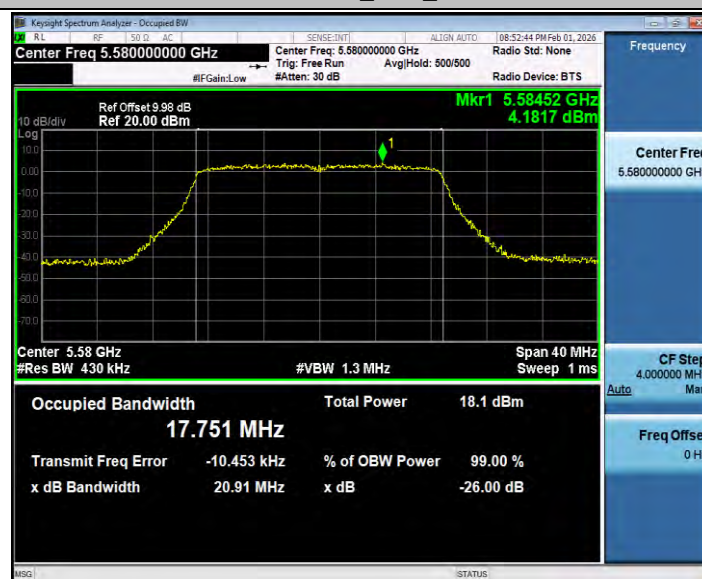
11A_Ant1_5700



11N20SISO_Ant1_5500



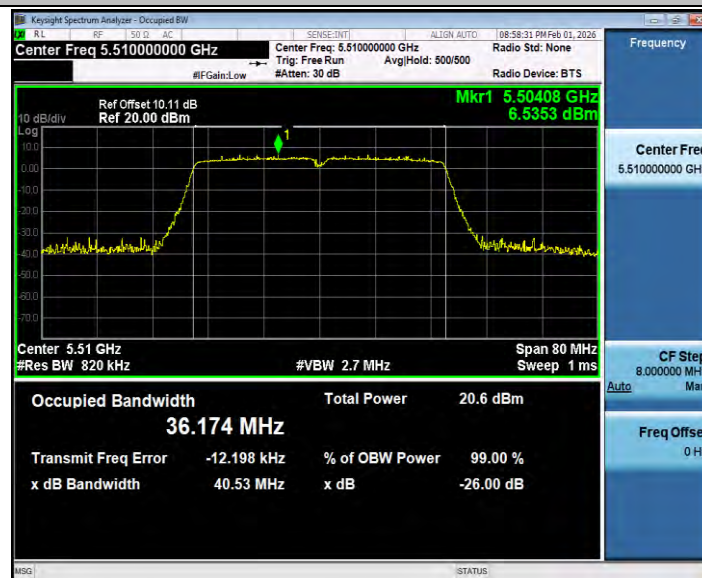
11N20SISO_Ant1_5580



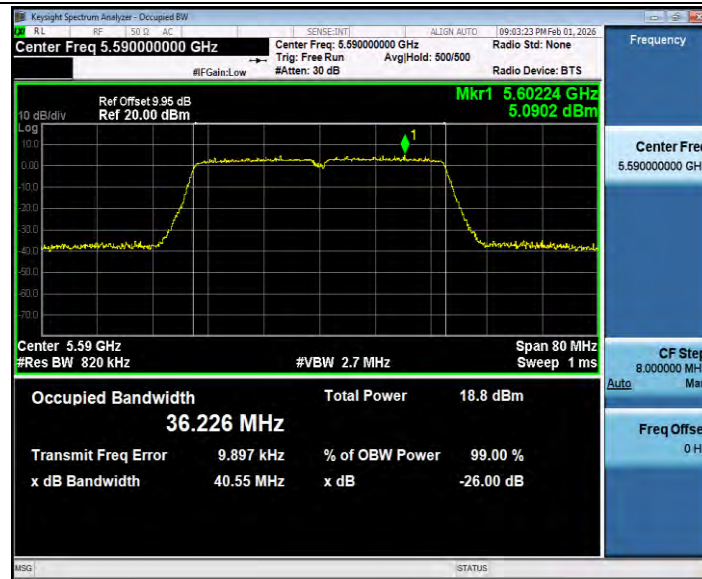
11N20SISO_Ant1_5700



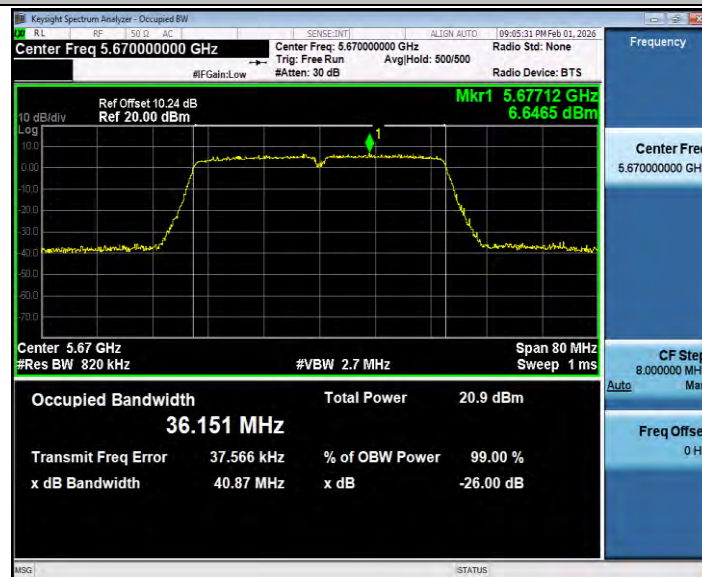
11N40SISO_Ant1_5510



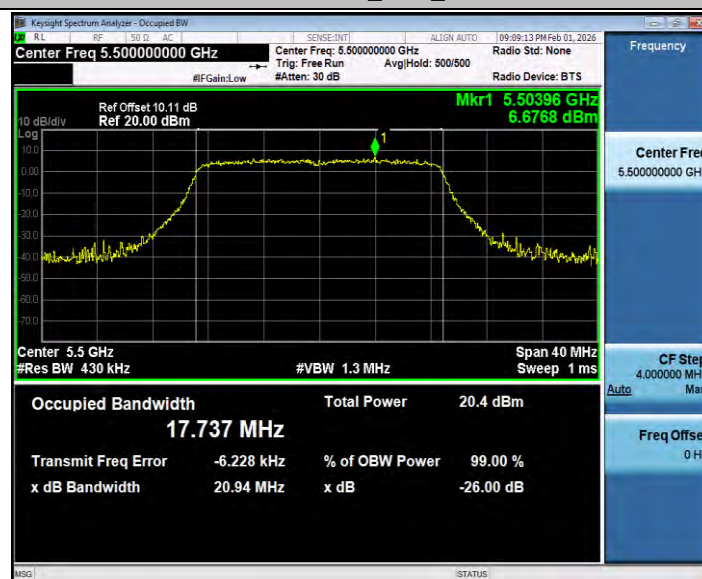
11N40SISO_Ant1_5590



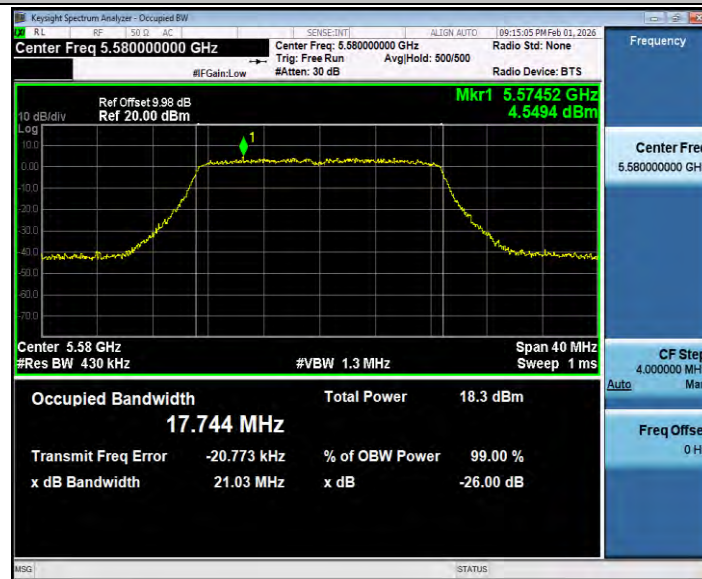
11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



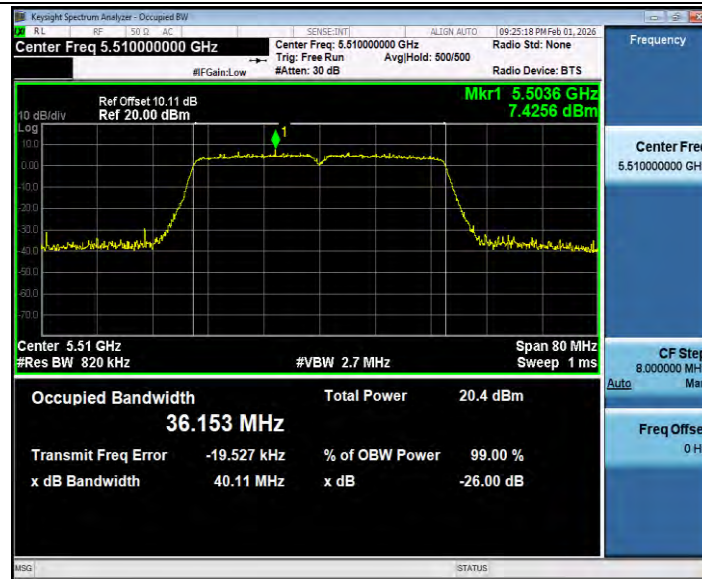
11AC20SISO_Ant1_5580



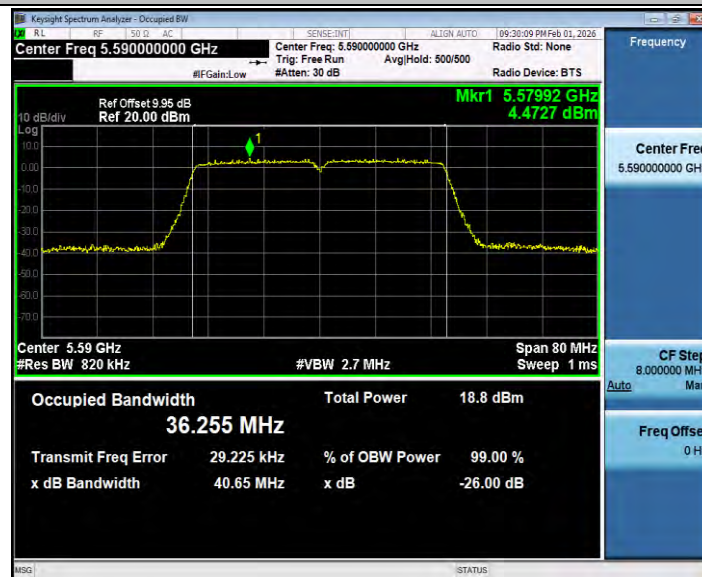
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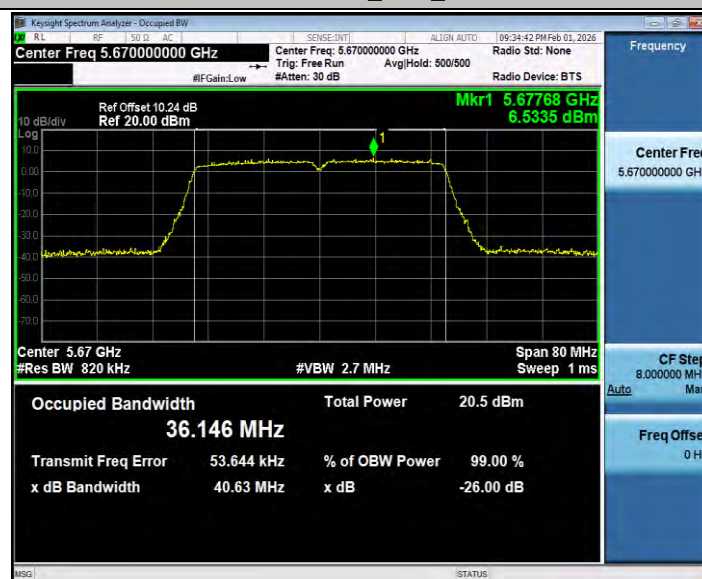
11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



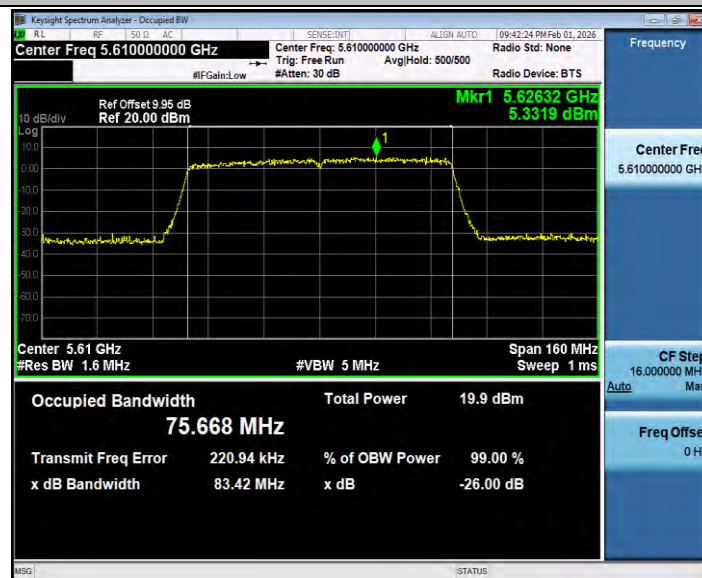
11AC40SISO_Ant1_5670



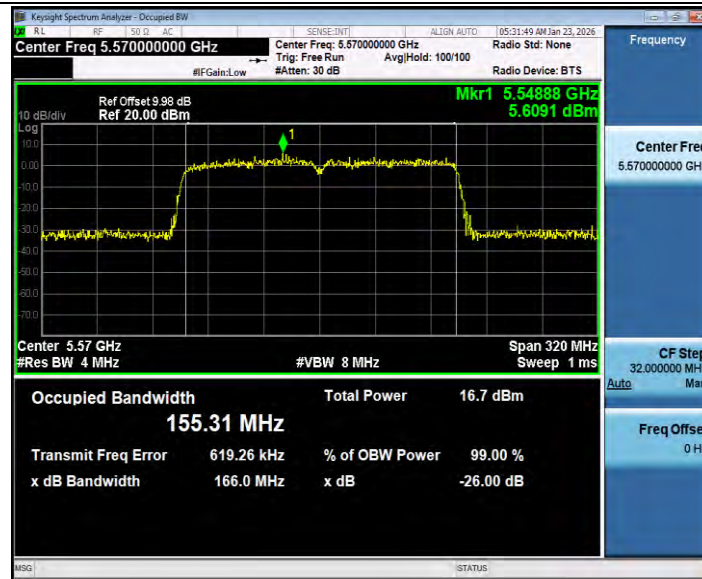
11AC80SISO_Ant1_5530



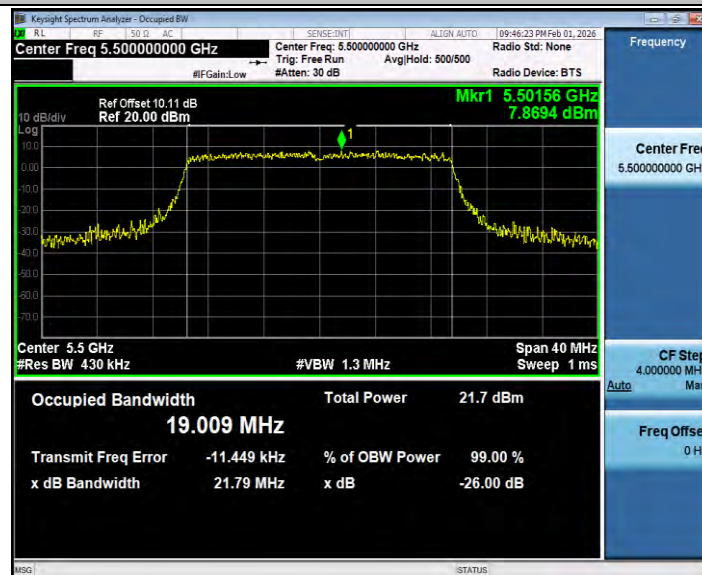
11AC80SISO_Ant1_5610



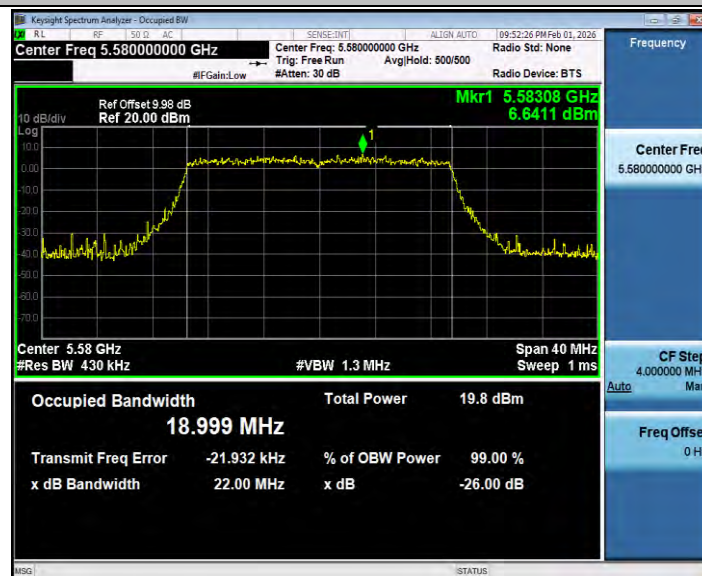
11AC160SISO_Ant1_5570



11AX20SISO_Ant1_5500



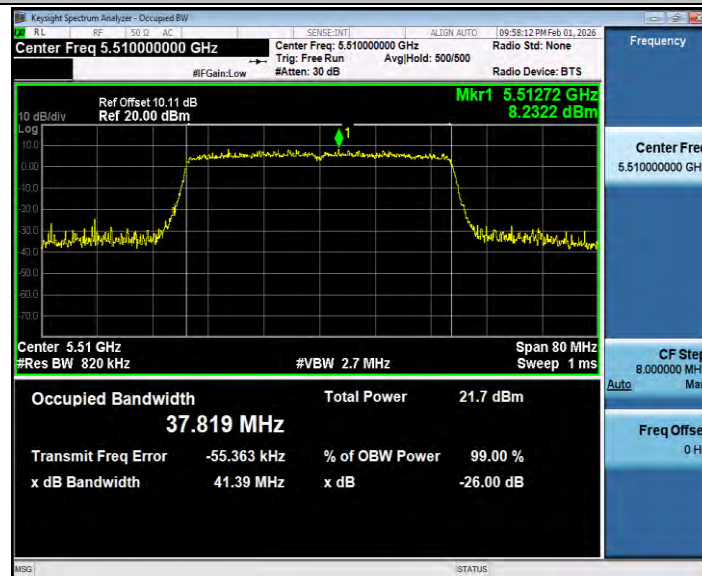
11AX20SISO_Ant1_5580



11AX20SISO_Ant1_5700



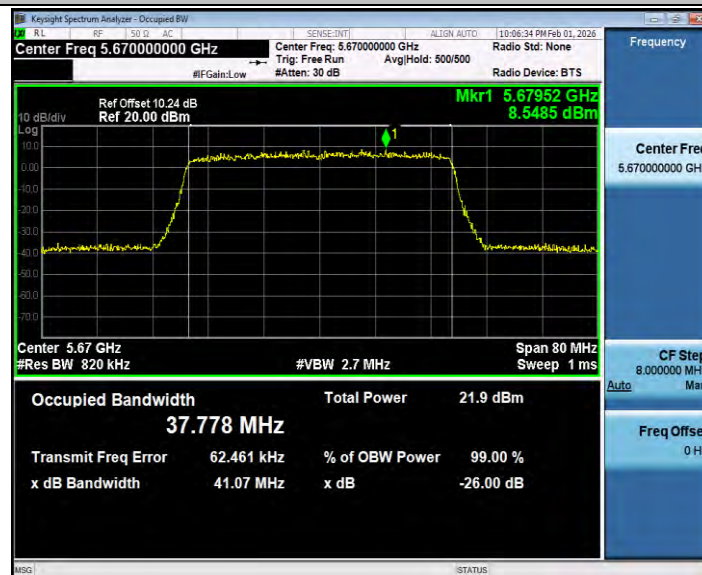
11AX40SISO_Ant1_5510



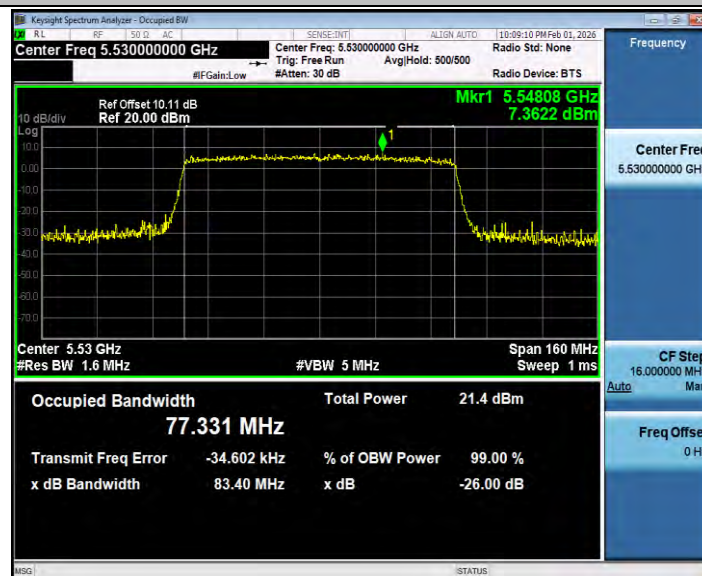
11AX40SISO_Ant1_5590



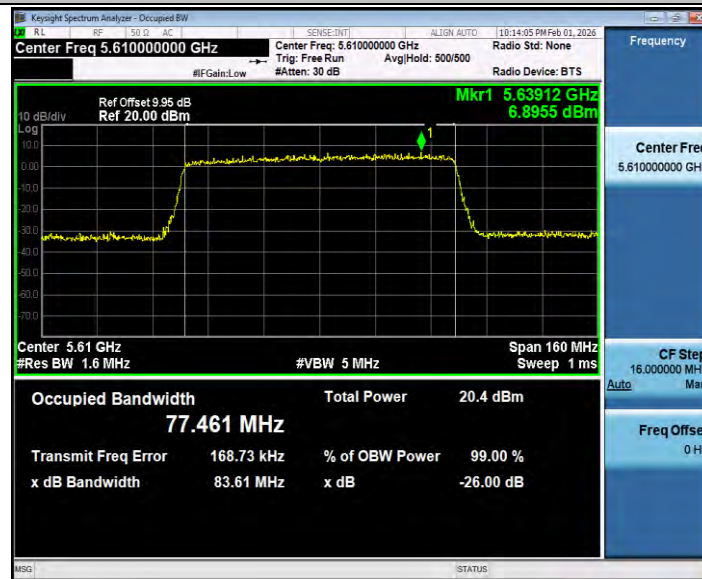
11AX40ISO_Ant1_5670



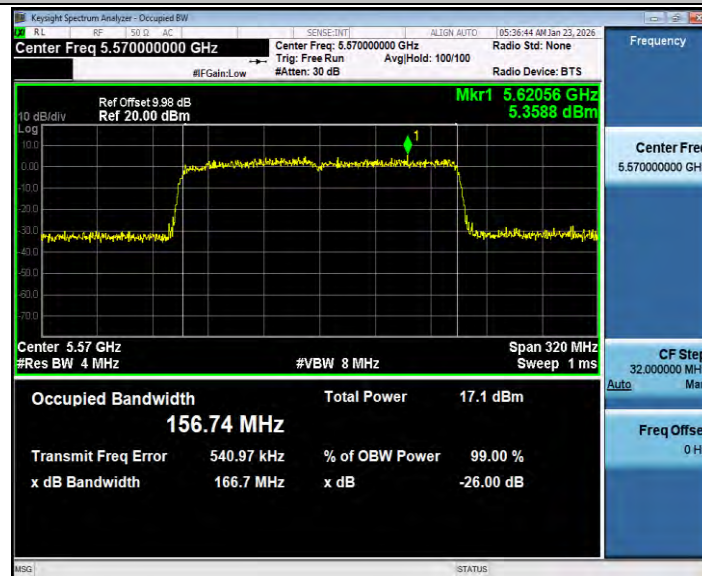
11AX80ISO_Ant1_5530



11AX80SISO_Ant1_5610



11AX160SISO_Ant1_5570

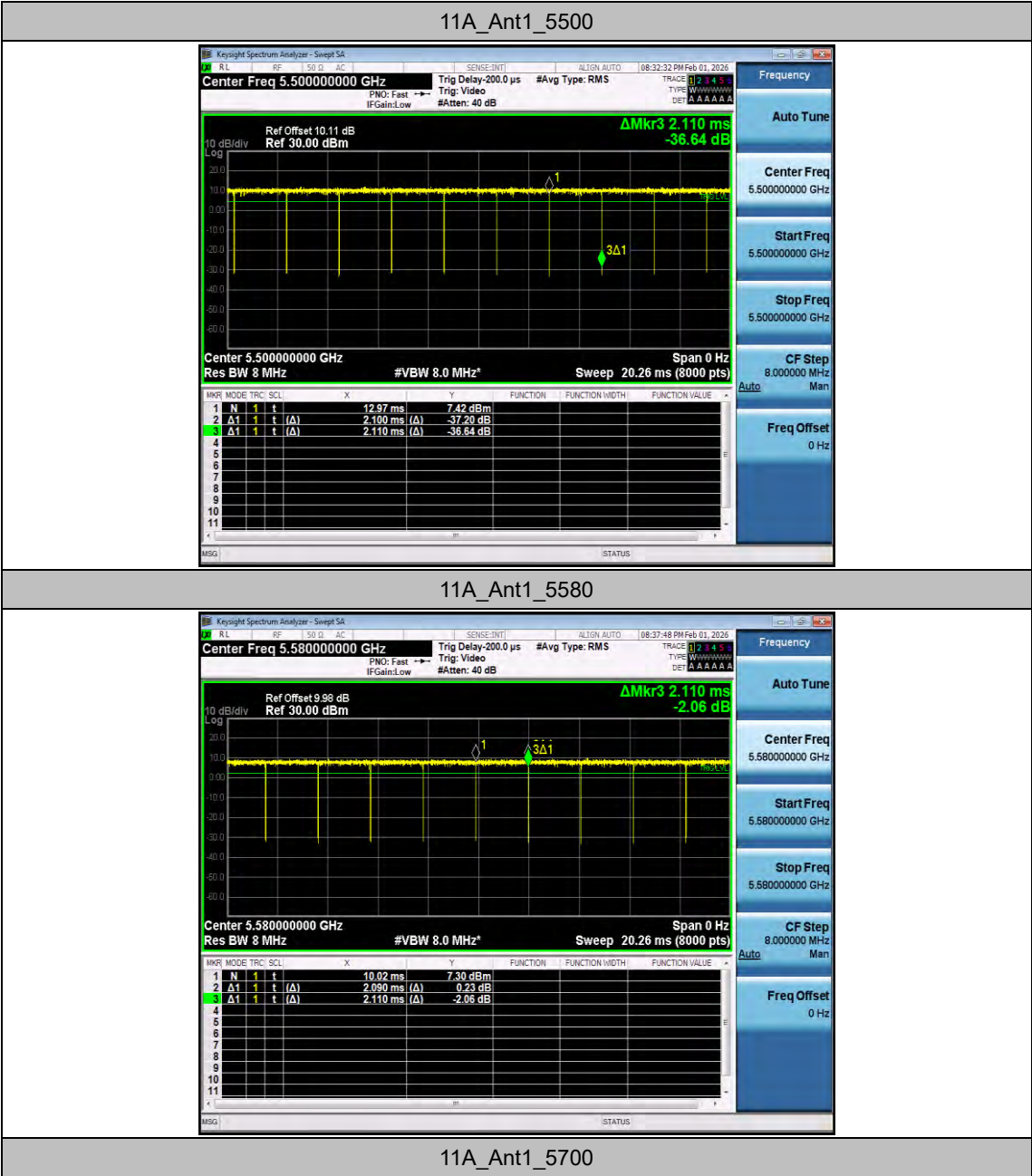


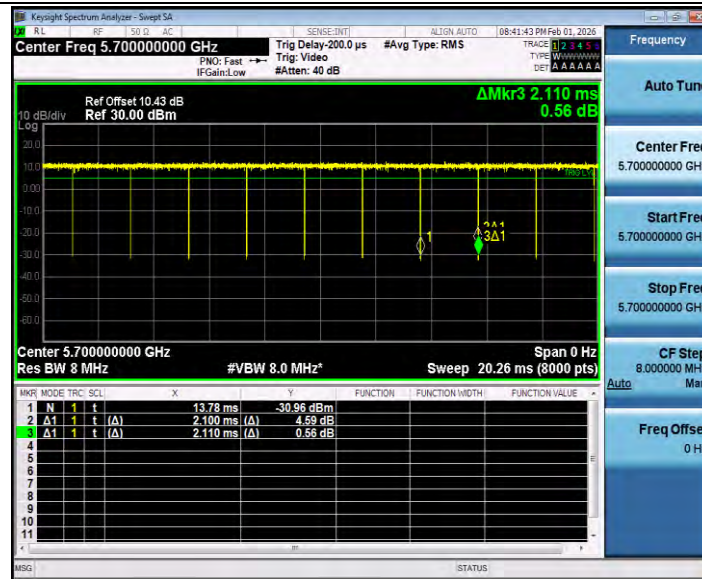
Appendix F.3: Duty Cycle

Test Result

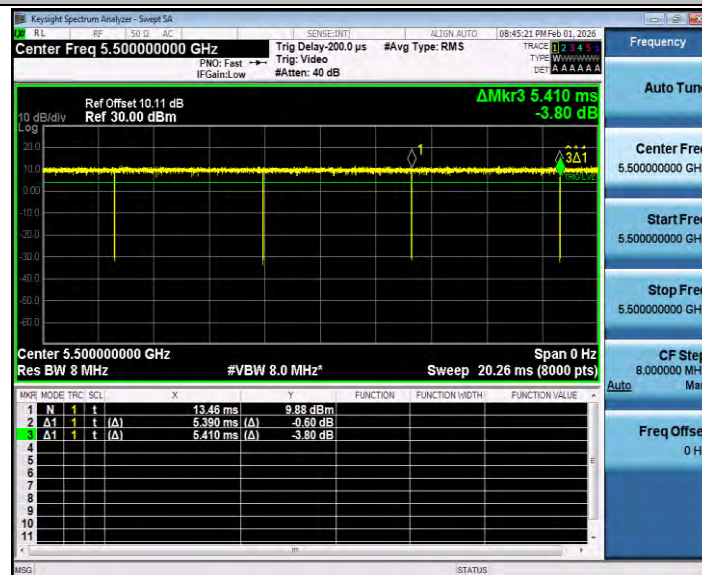
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5500	2.10	2.11	99.53	0.02	0.48
		5580	2.09	2.11	99.05	0.04	0.48
		5700	2.10	2.11	99.53	0.02	0.48
11N20SISO	Ant1	5500	5.39	5.41	99.63	0.02	0.19
		5580	5.39	5.41	99.63	0.02	0.19
		5700	5.40	5.41	99.82	0.01	0.19
11N40SISO	Ant1	5510	5.20	5.22	99.62	0.02	0.19
		5590	5.19	5.21	99.62	0.02	0.19
		5670	5.20	5.21	99.81	0.01	0.19
11AC20SISO	Ant1	5500	5.40	5.41	99.82	0.01	0.19
		5580	5.40	5.42	99.63	0.02	0.19
		5700	5.40	5.42	99.63	0.02	0.19
11AC40SISO	Ant1	5510	5.19	5.21	99.62	0.02	0.19
		5590	5.20	5.22	99.62	0.02	0.19
		5670	5.20	5.22	99.62	0.02	0.19
11AC80SISO	Ant1	5530	2.70	2.72	99.26	0.03	0.37
		5610	2.70	2.72	99.26	0.03	0.37
11AC160SISO	Ant1	5570	100.00	100.00	100.00	0.00	0.01
11AX20SISO	Ant1	5500	5.42	5.43	99.82	0.01	0.18
		5580	5.42	5.44	99.63	0.02	0.18
		5700	5.41	5.43	99.63	0.02	0.18
11AX40SISO	Ant1	5510	4.10	4.12	99.51	0.02	0.24
		5590	4.11	4.12	99.76	0.01	0.24
		5670	4.11	4.13	99.52	0.02	0.24
11AX80SISO	Ant1	5530	2.21	2.23	99.10	0.04	0.45
		5610	2.22	2.23	99.55	0.02	0.45
11AX160SISO	Ant1	5570	100.00	100.00	100.00	0.00	0.01

Test Graphs

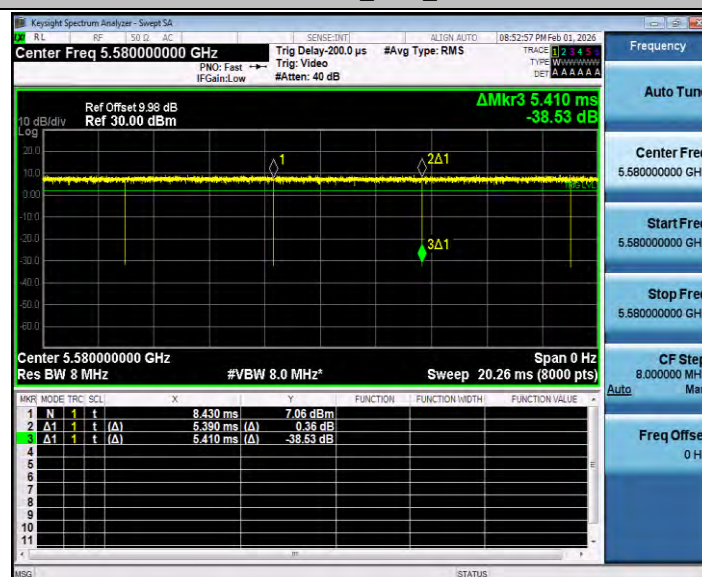




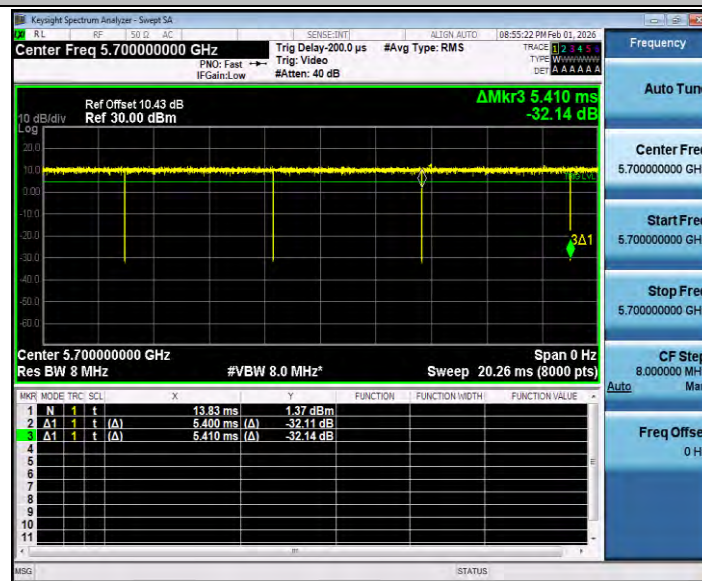
11N20SISO_Ant1_5500



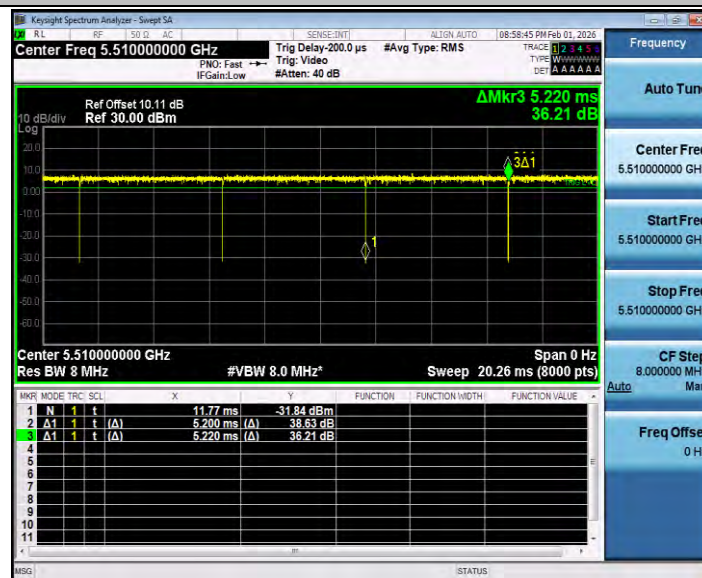
11N20SISO_Ant1_5580



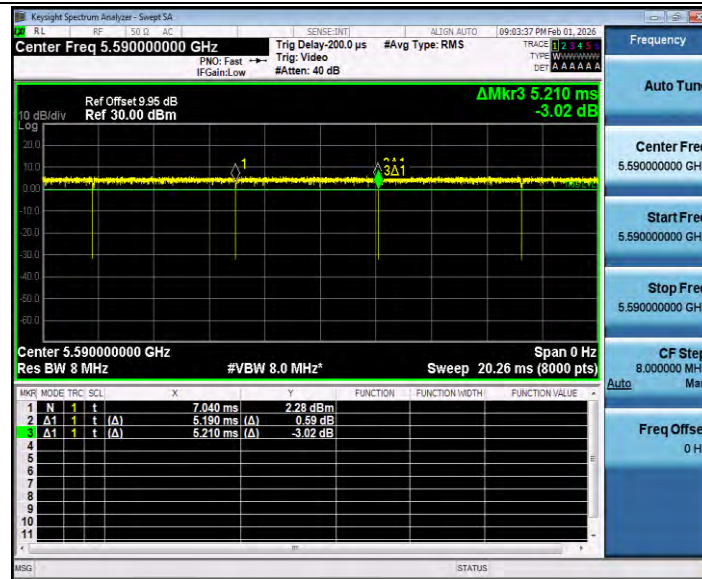
11N20SISO_Ant1_5700



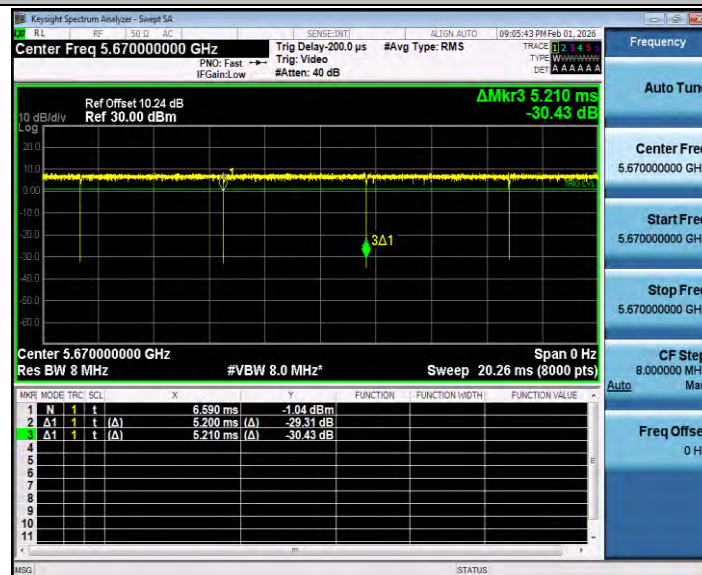
11N40SISO_Ant1_5510



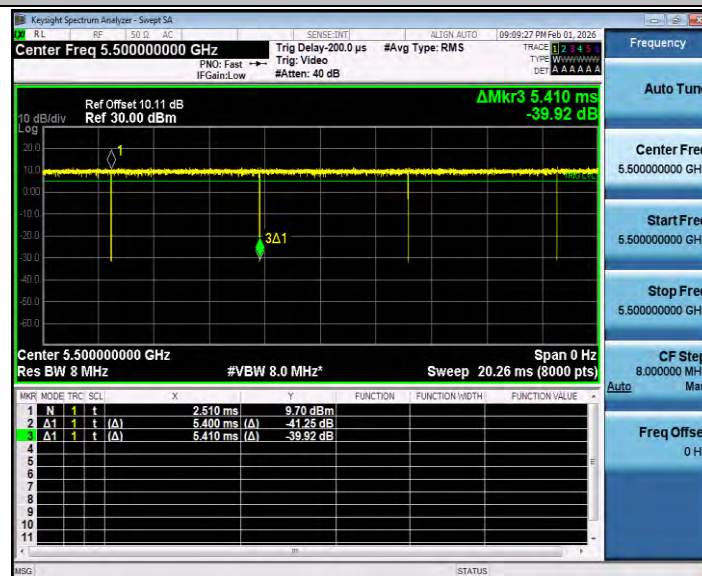
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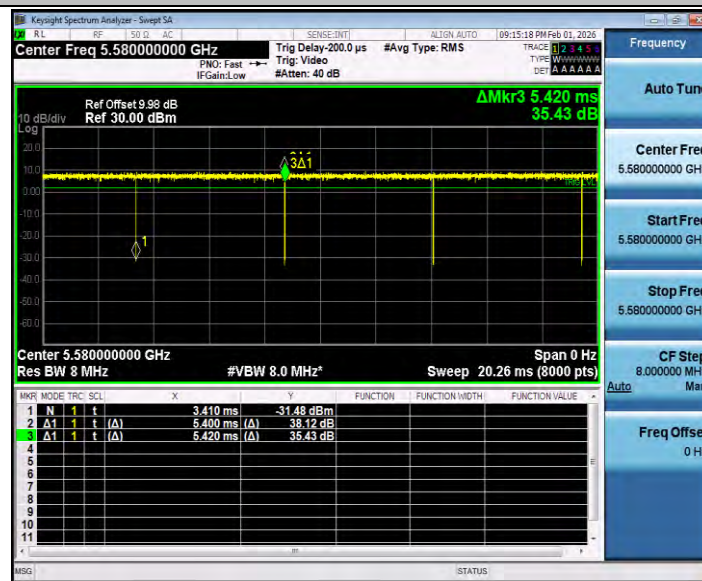
11N40SISO_Ant1_5670



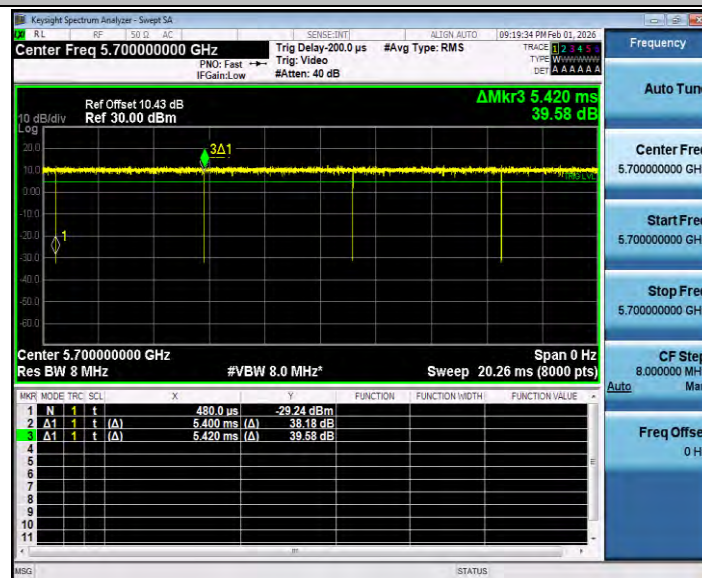
11AC20SISO_Ant1_5500



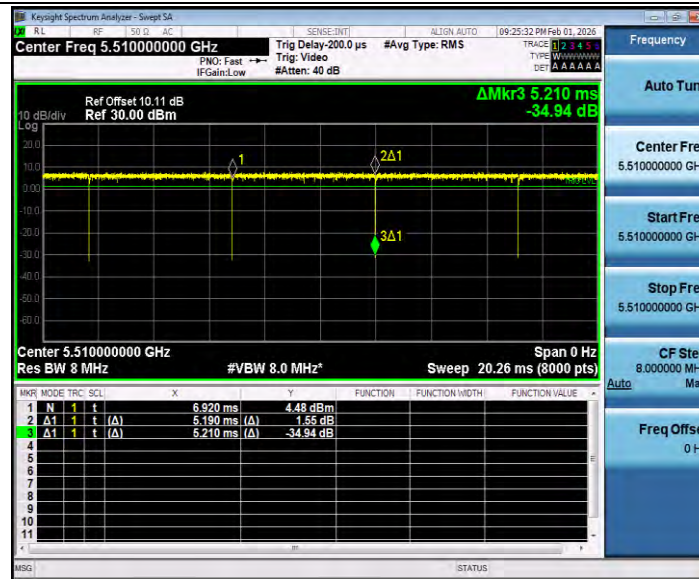
11AC20SISO_Ant1_5580



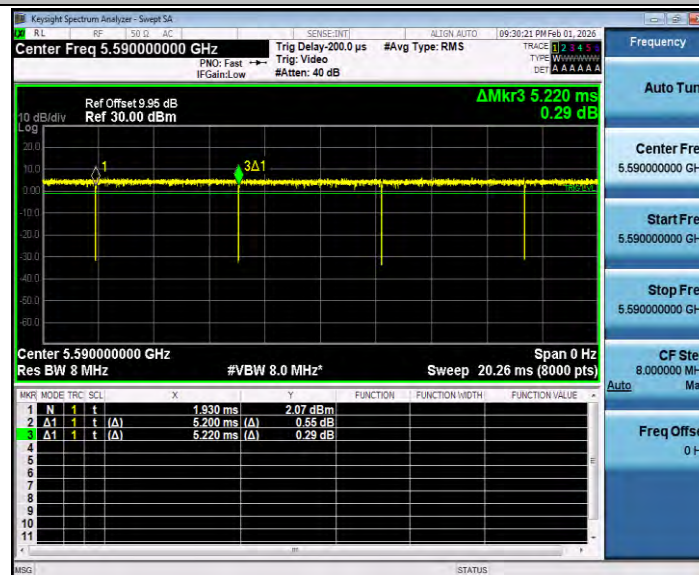
11AC20SISO_Ant1_5700



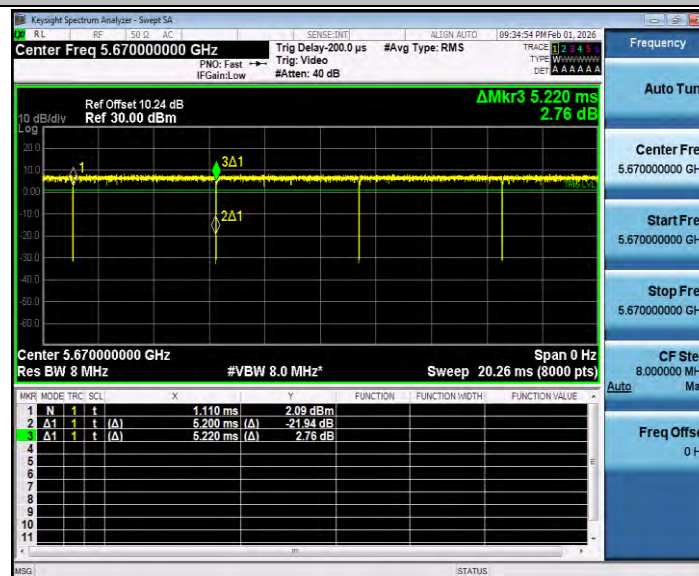
11AC40SISO_Ant1_5510



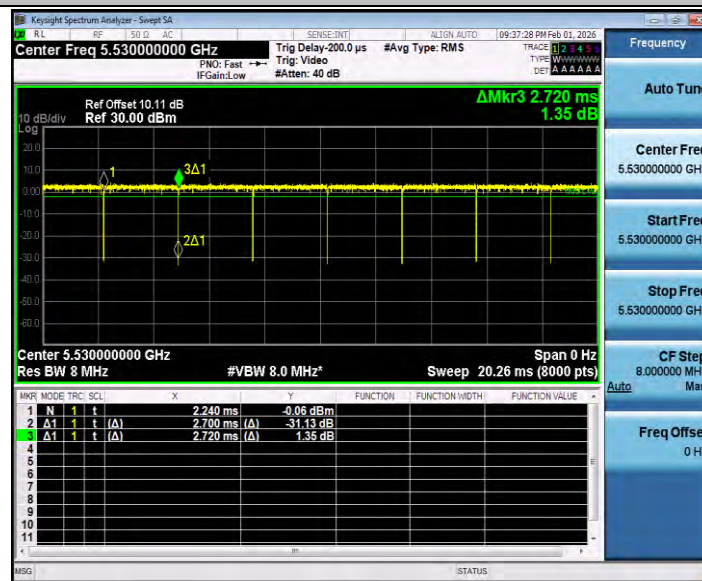
11AC40SISO_Ant1_5590



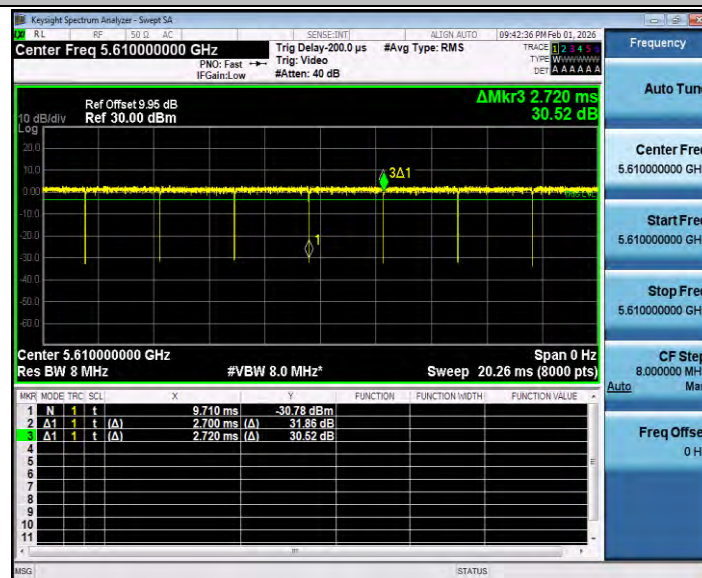
11AC40SISO_Ant1_5670



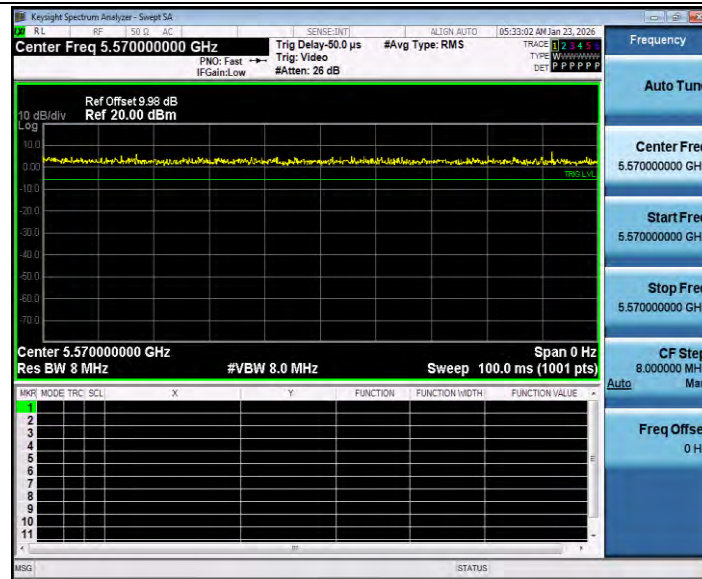
11AC80SISO_Ant1_5530



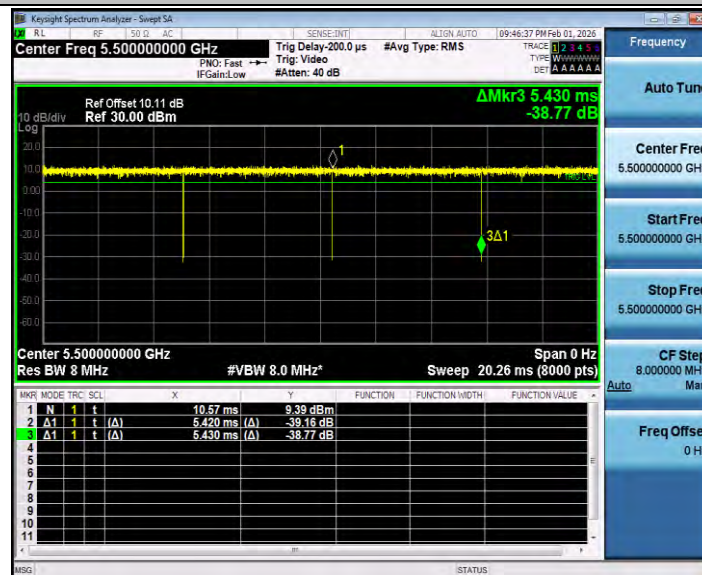
11AC80SISO_Ant1_5610



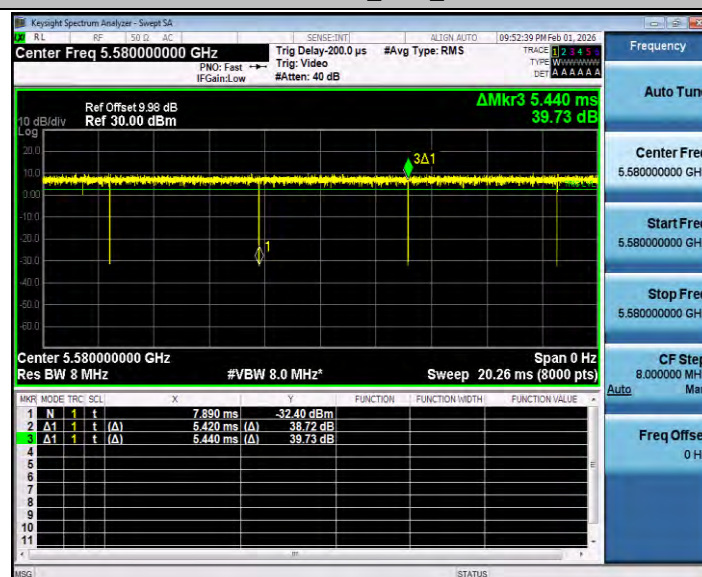
11AC160SISO_Ant1_5570



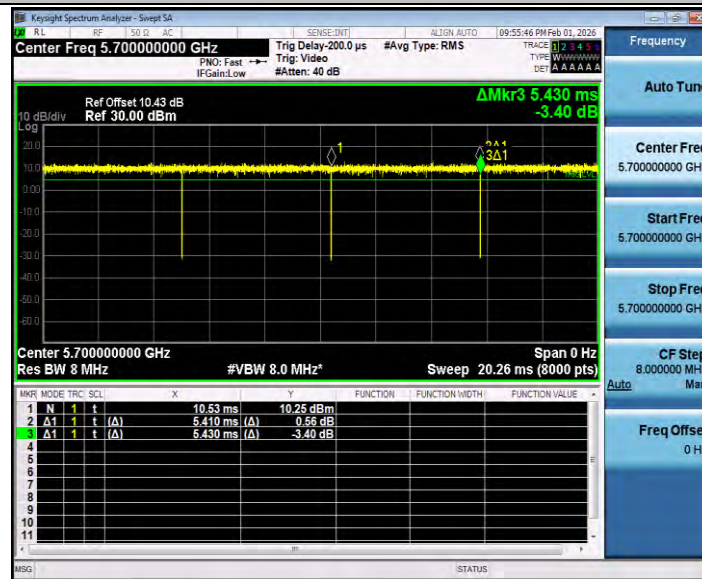
11AX20SISO_Ant1_5500



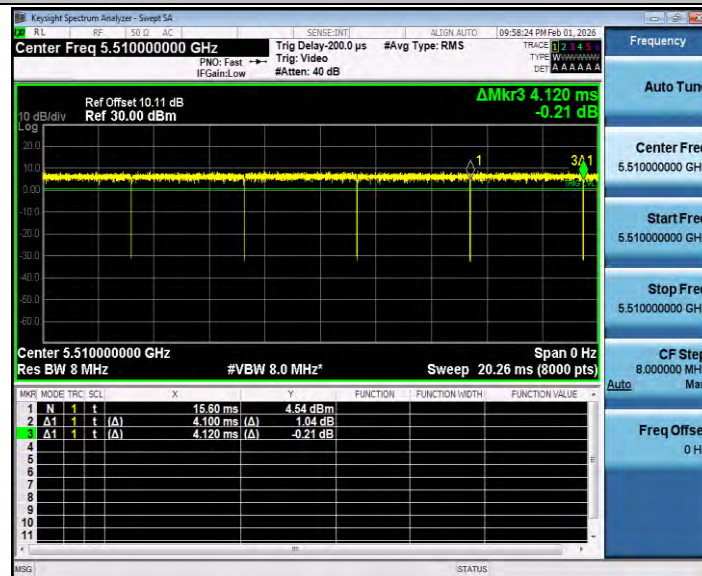
11AX20SISO_Ant1_5580



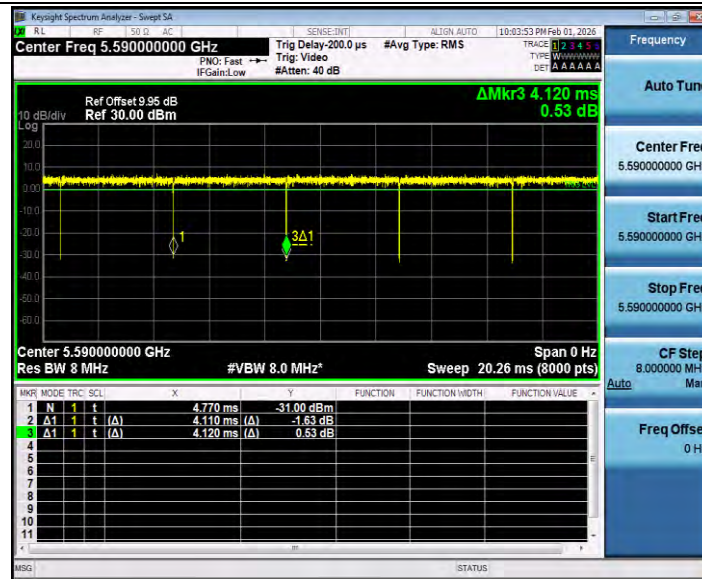
11AX20SISO_Ant1_5700



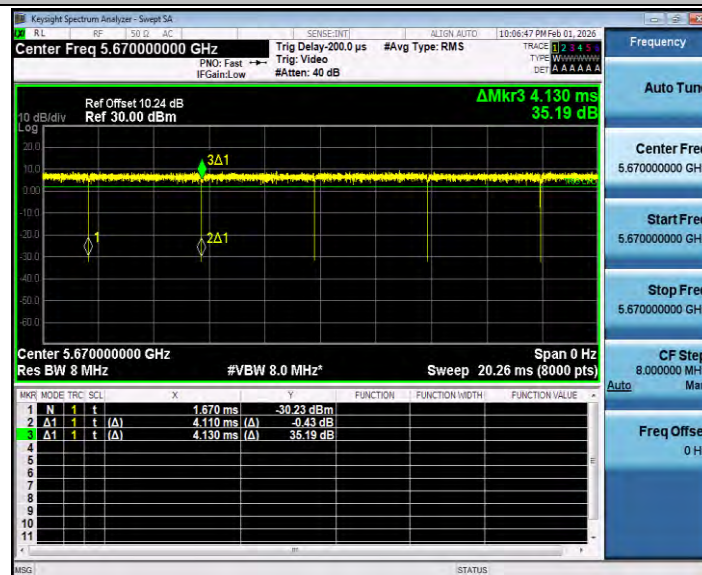
11AX40SISO_Ant1_5510



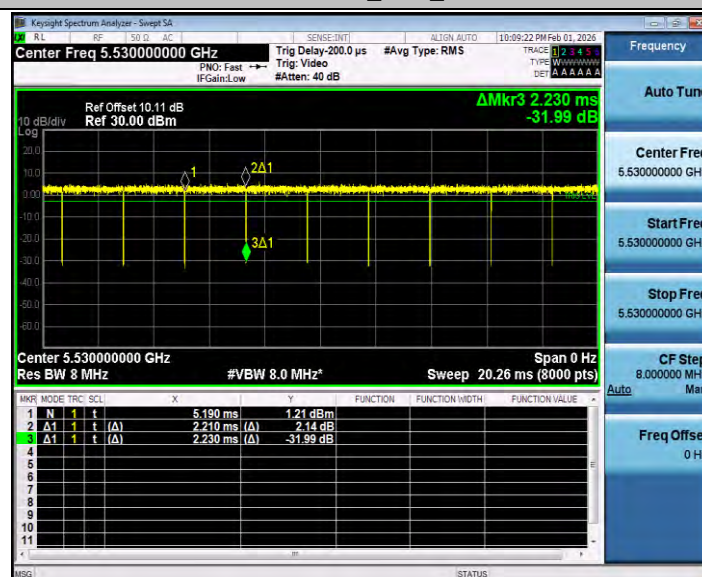
11AX40SISO_Ant1_5590



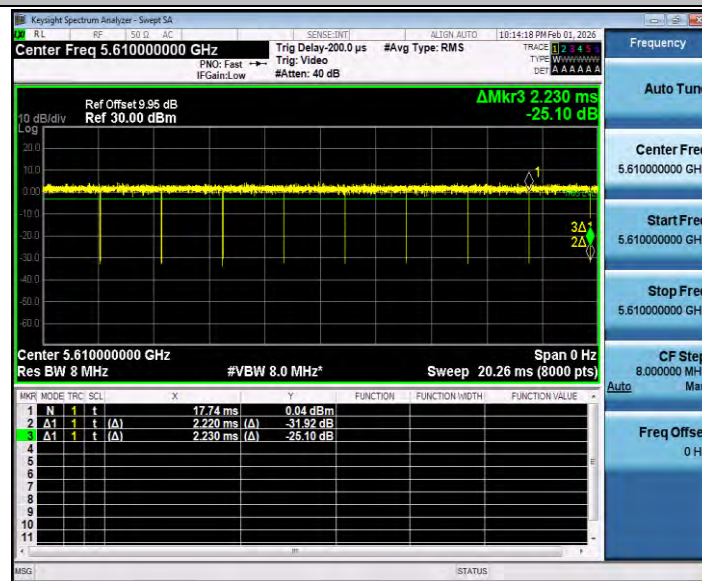
11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610



11AX160SISO_Ant1_5570

