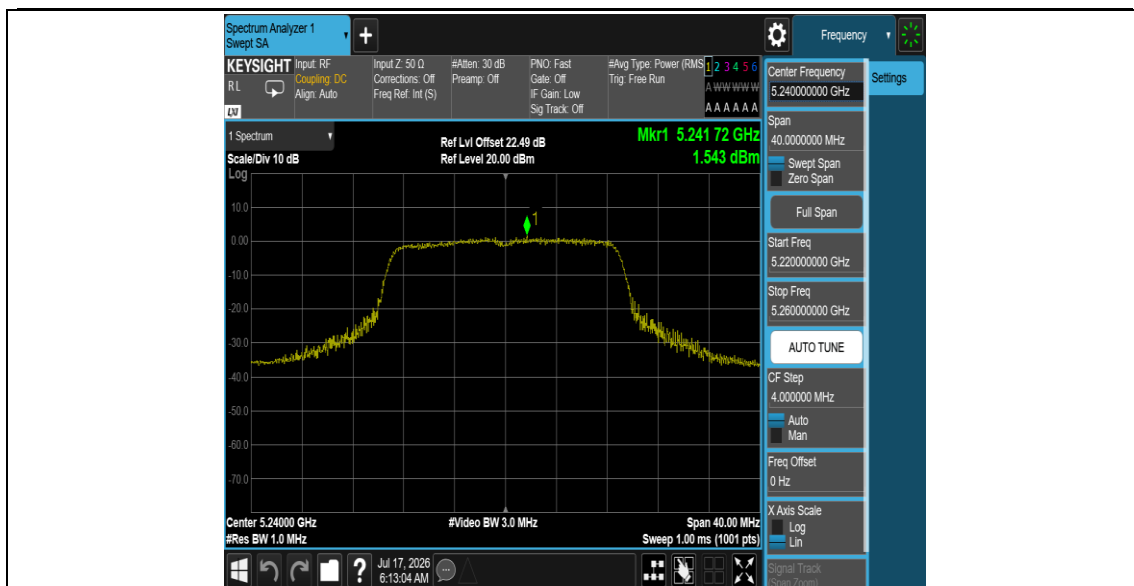
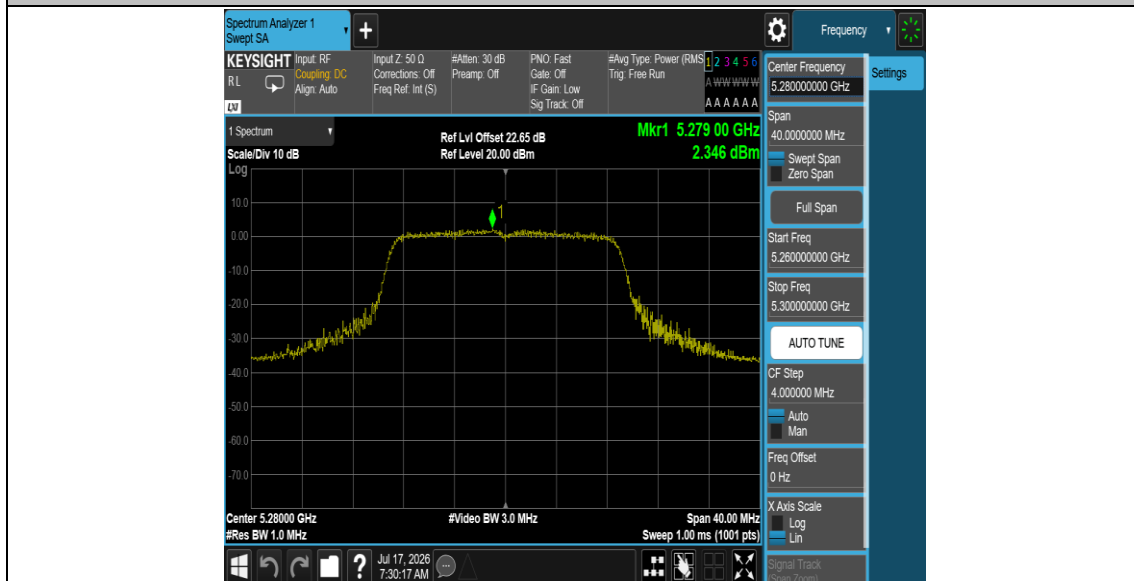




11AC20SISO_Ant1_5240



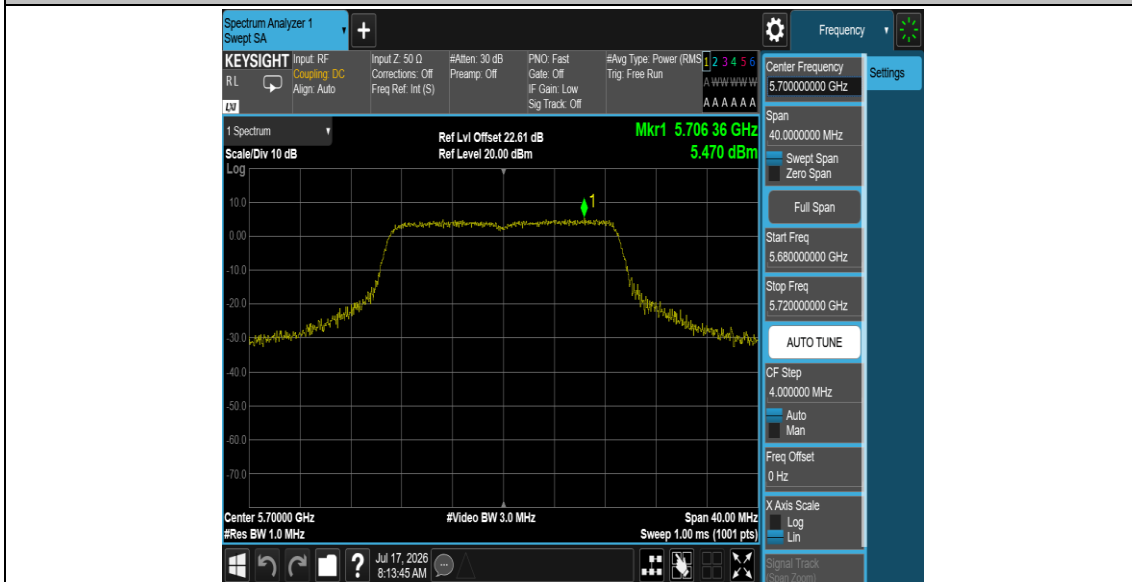
11AC20SISO_Ant1_5260



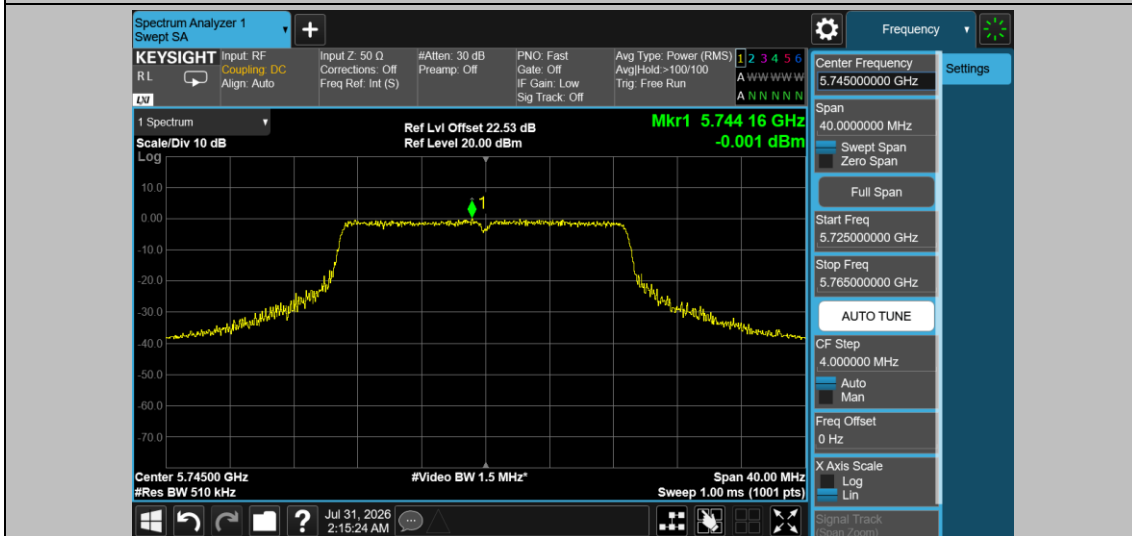




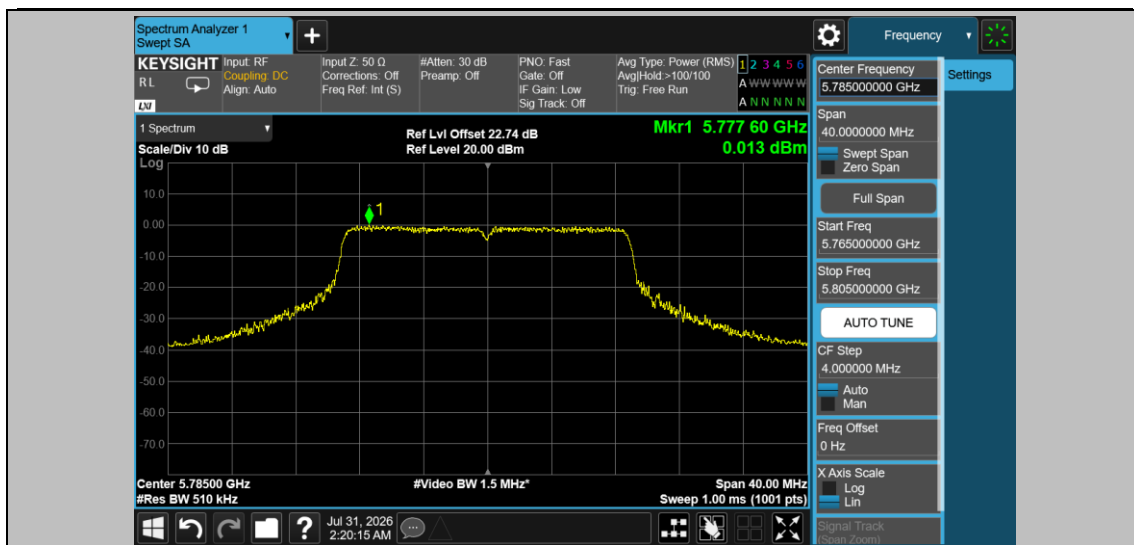
11AC20SISO_Ant1_5580



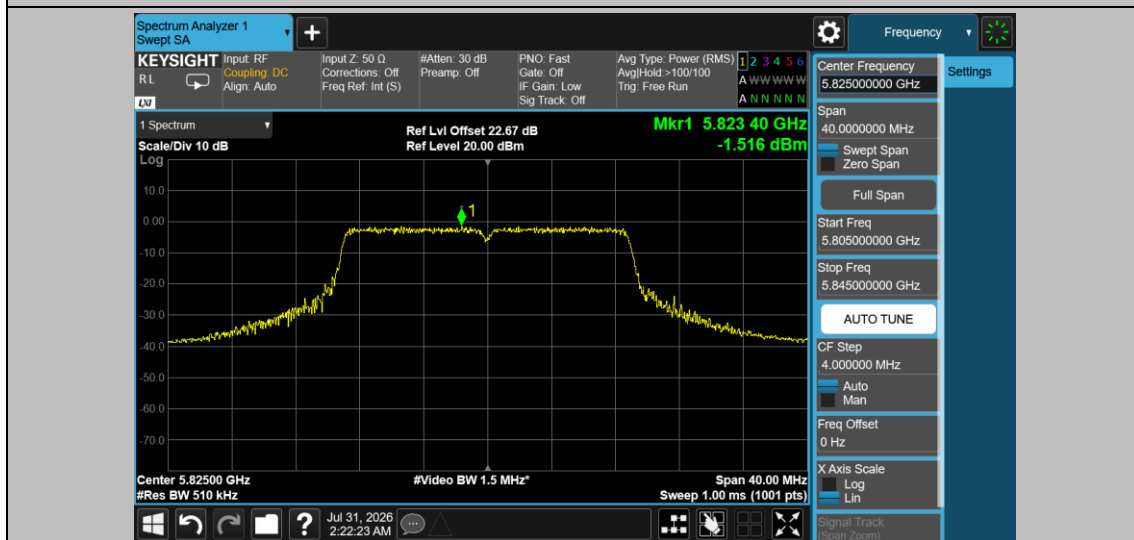
11AC20SISO_Ant1_5700



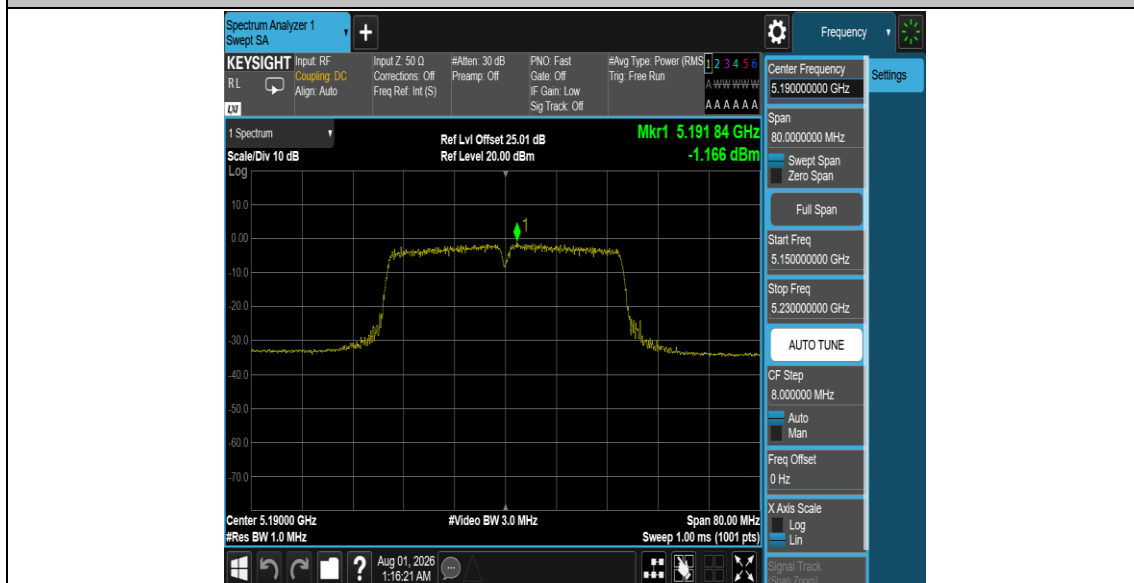
11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



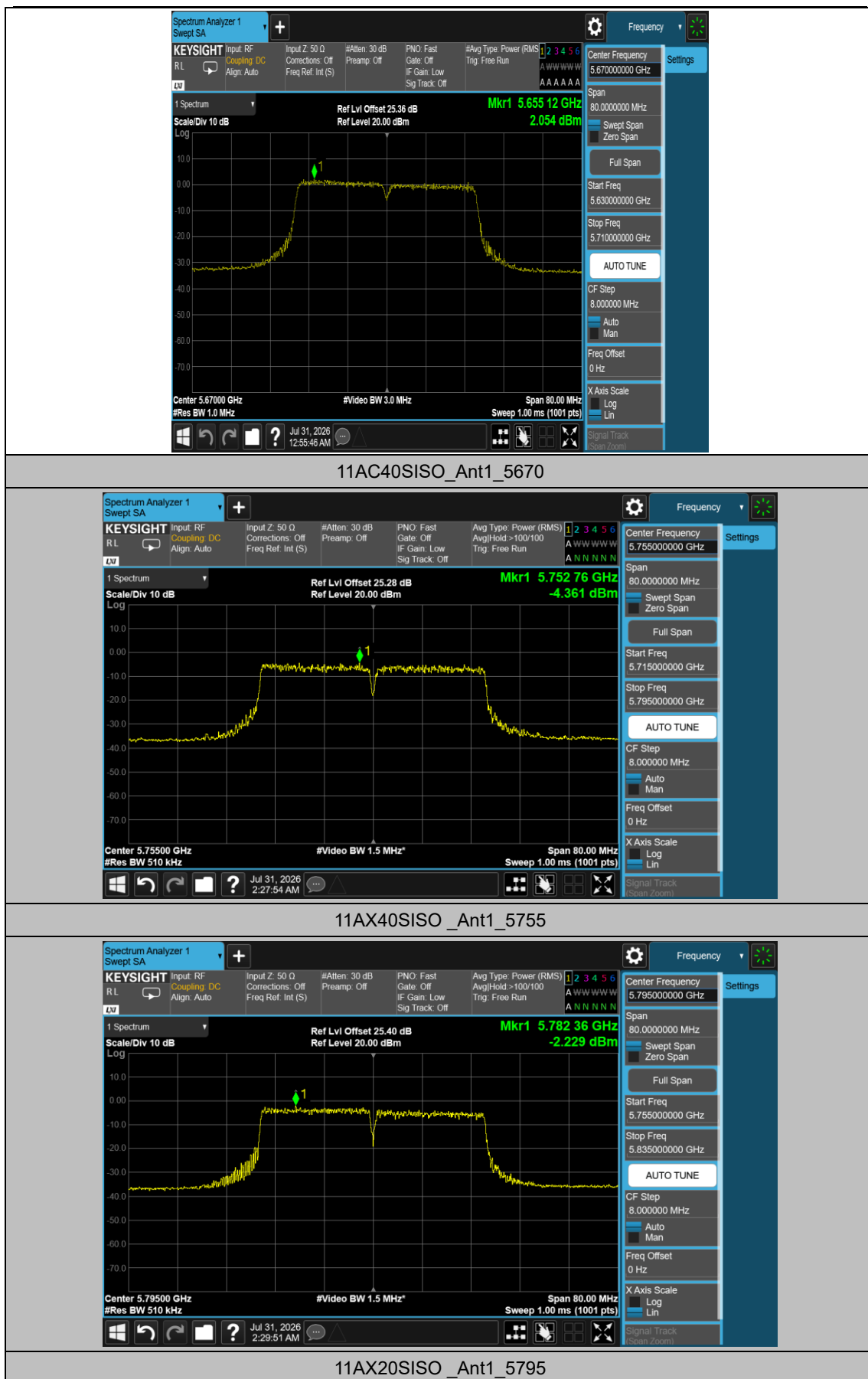
11AC20SISO_Ant1_5825

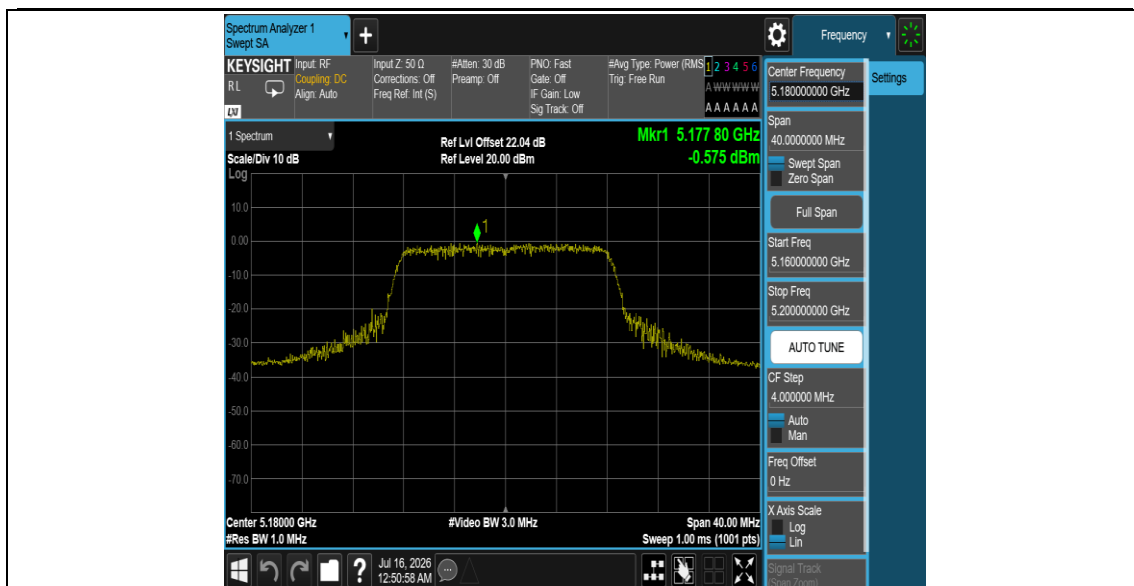


11AC40SISO_Ant1_5190

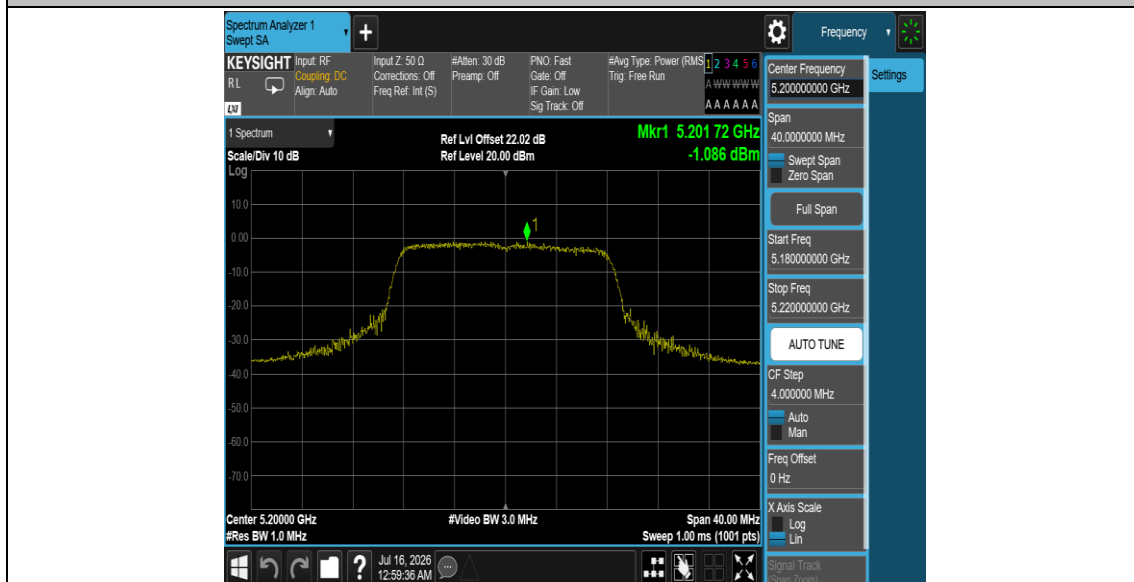




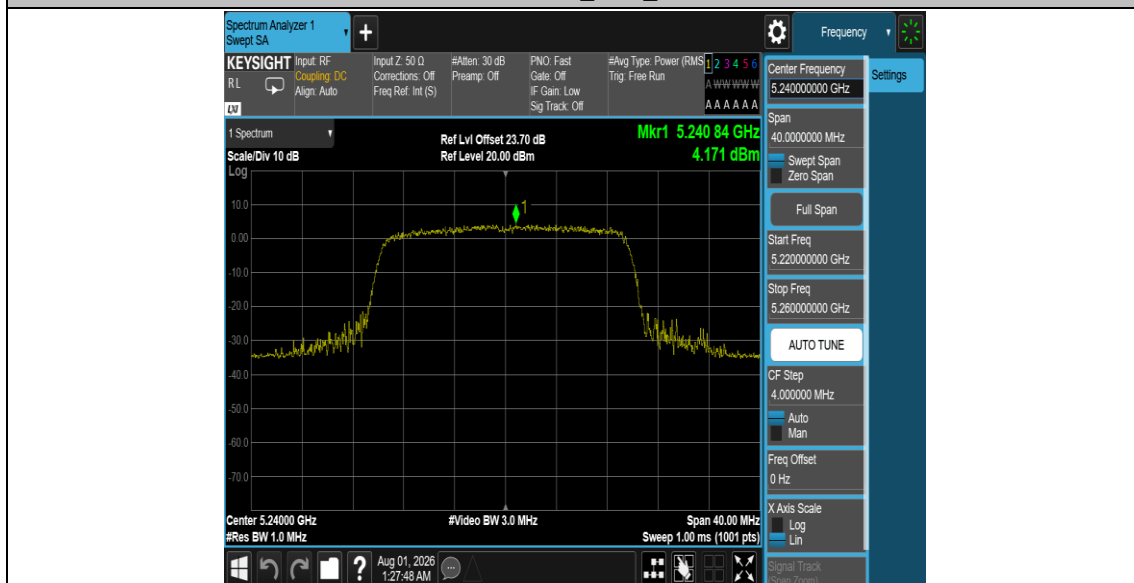




11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200

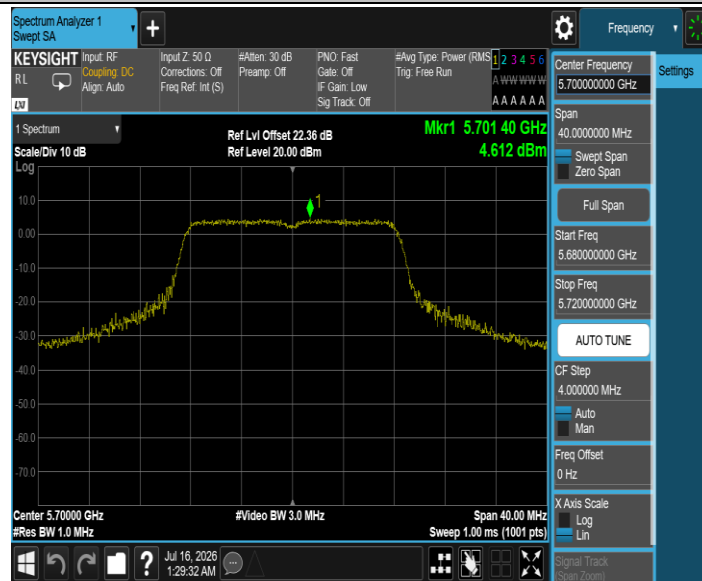


EFGX26060387-IE-12-03 Appendix

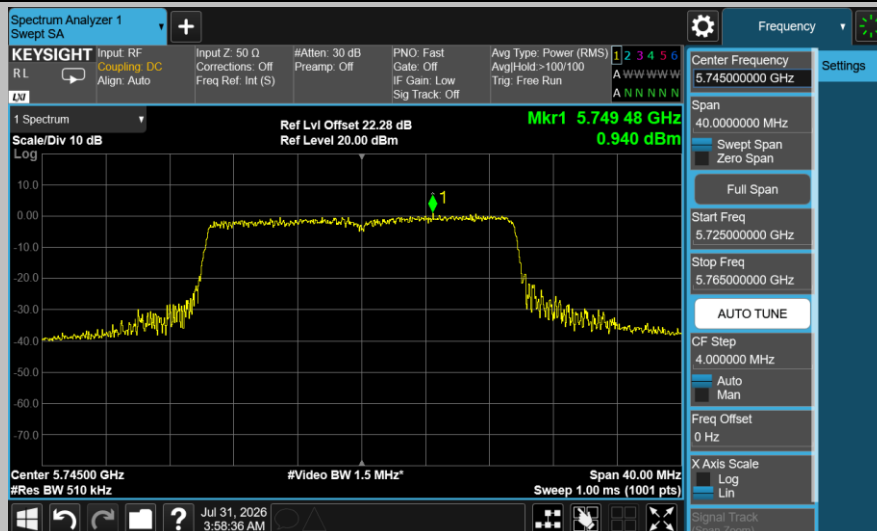




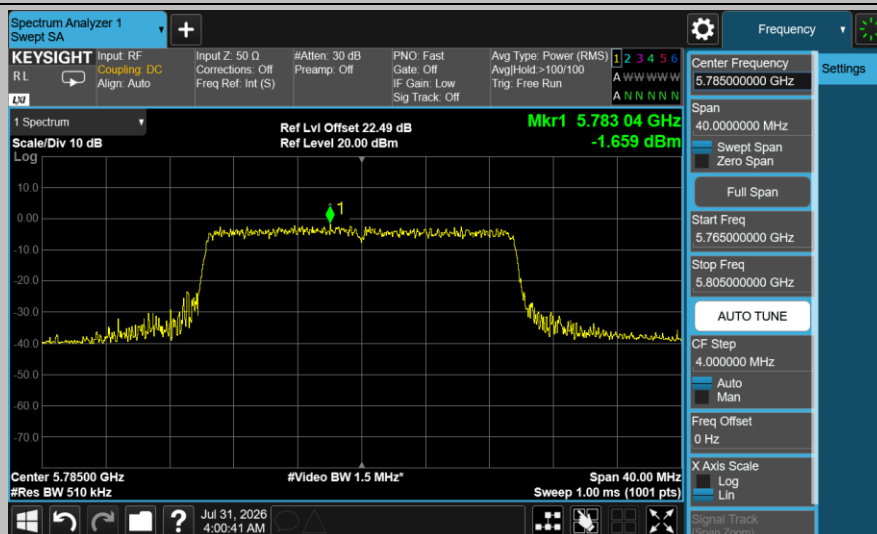
11AX20SISO_Ant1_5580



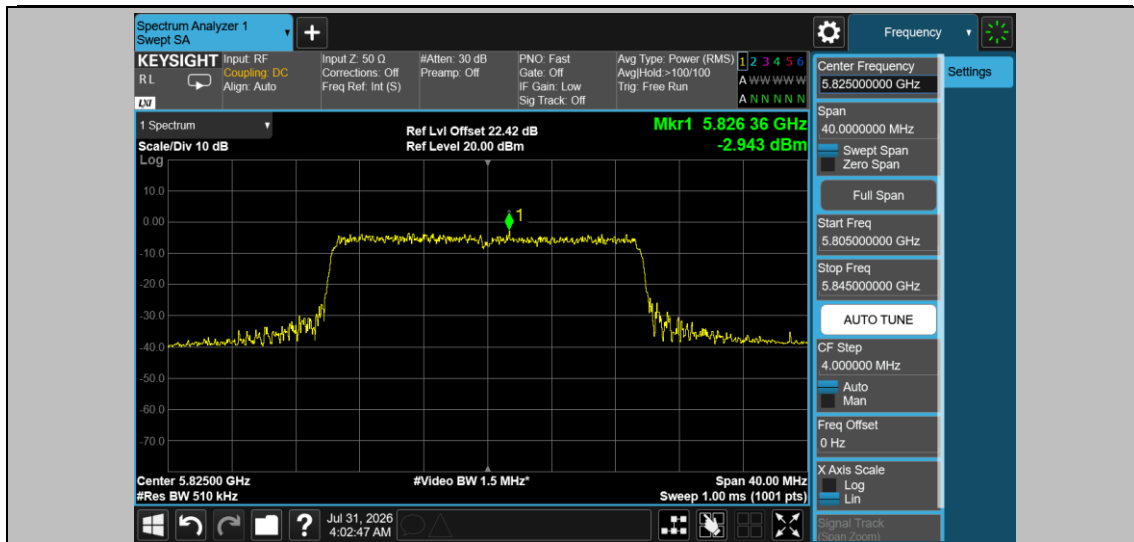
11AX20SISO_Ant1_5700



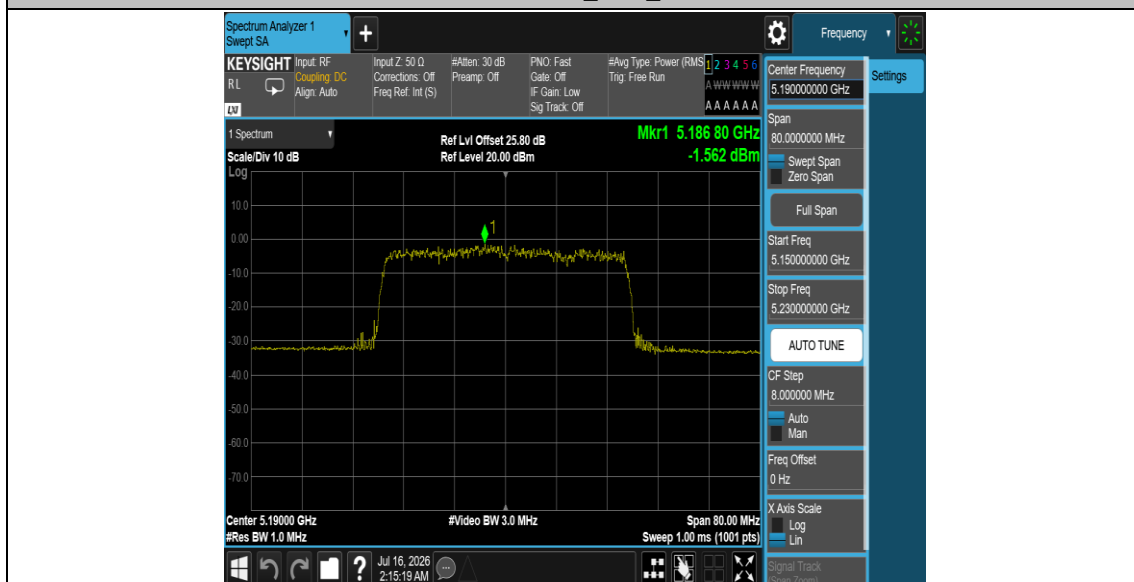
11AX20SISO_Ant1_5745



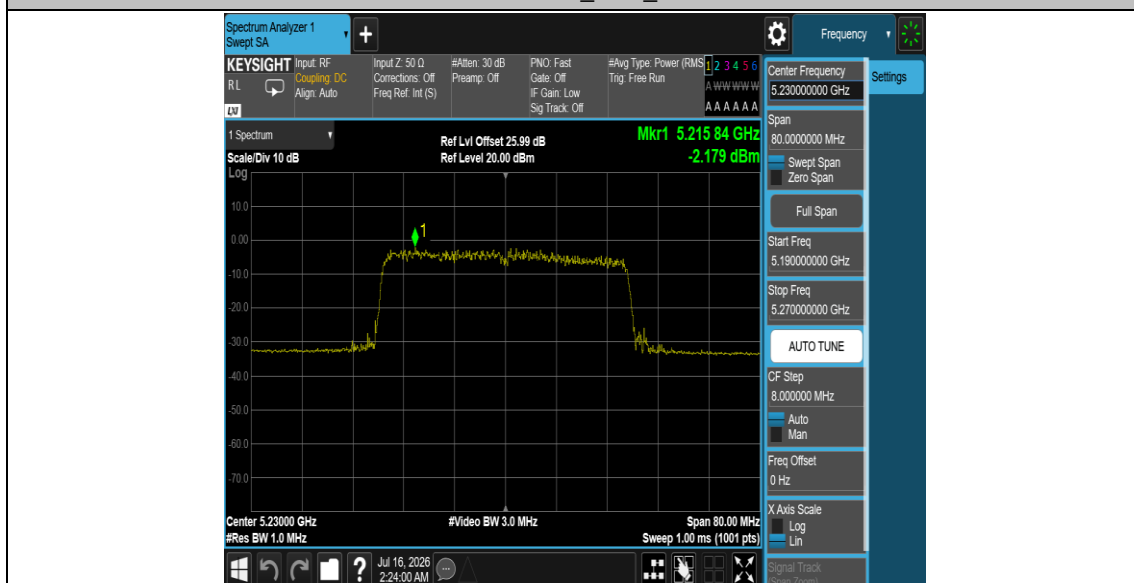
11AX20SISO_Ant1_5785



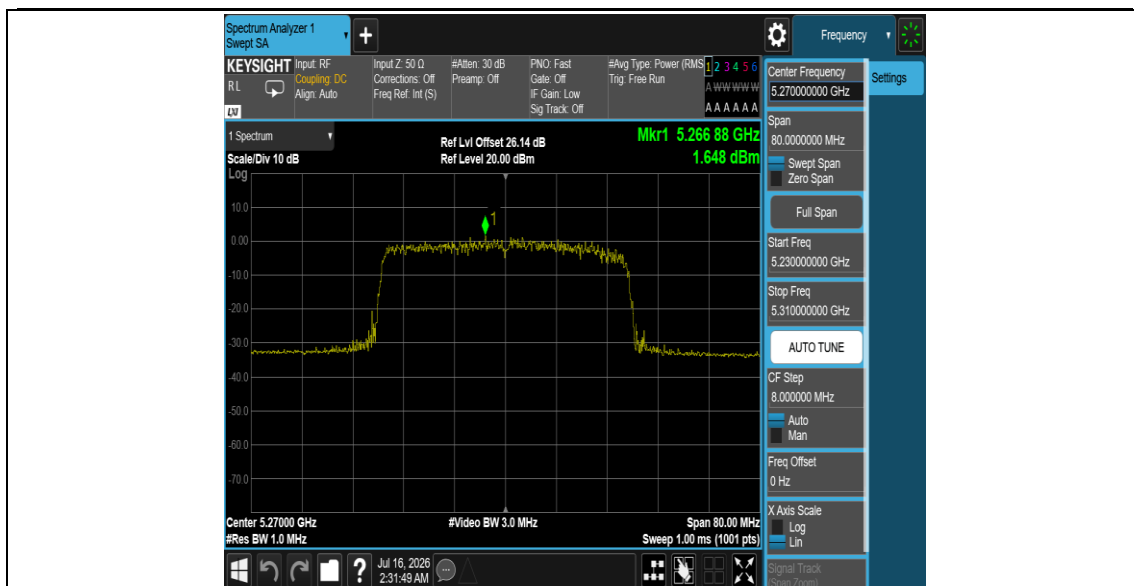
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5190



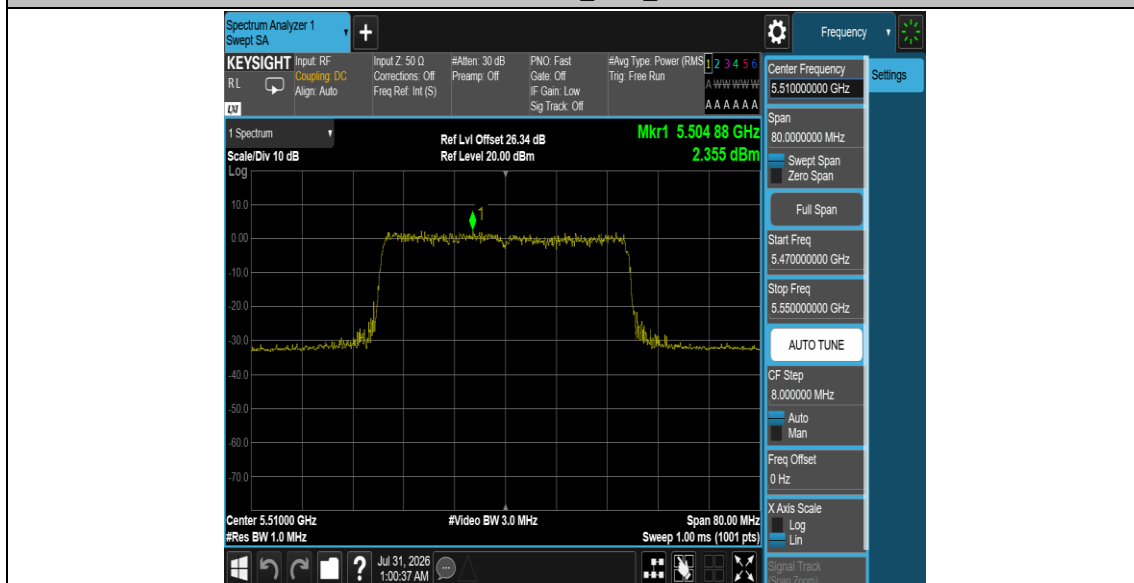
11AX40SISO_Ant1_5230

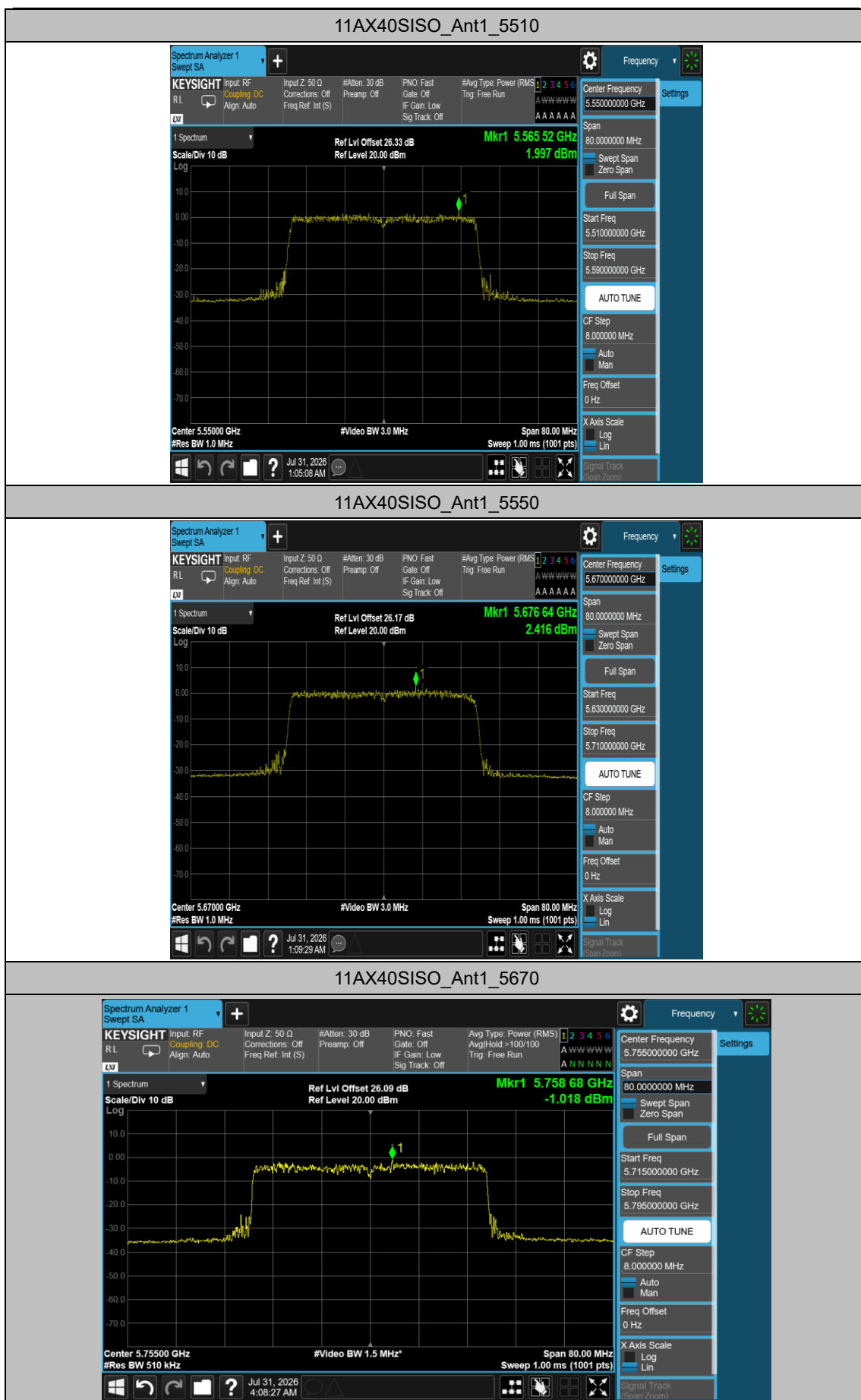


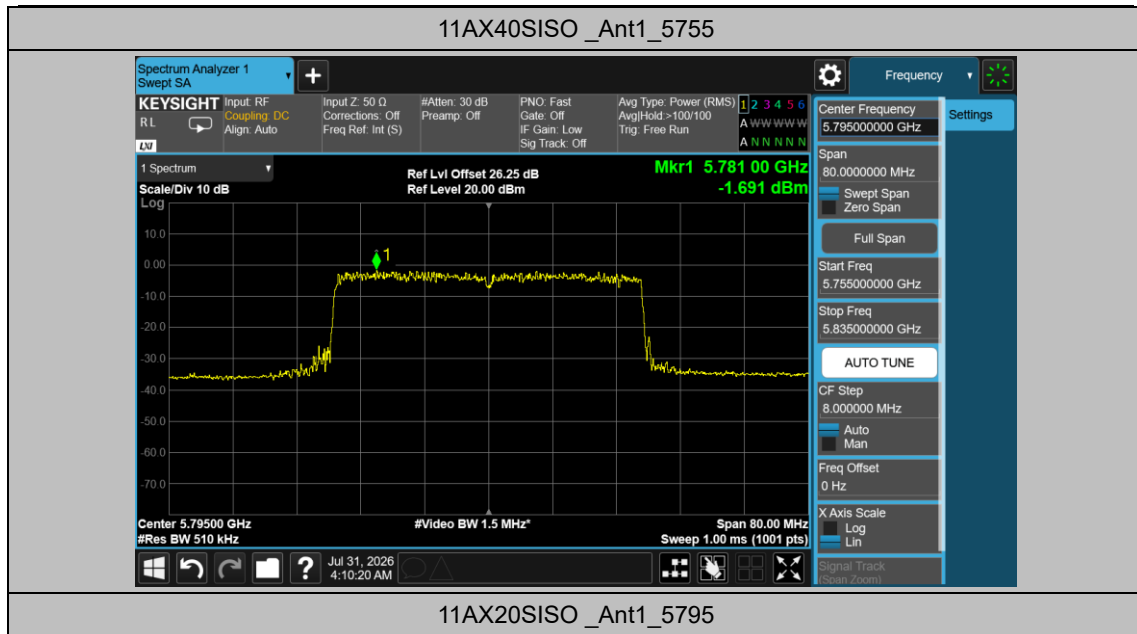
11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310







Appendix E: Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Frequen cy[MHz]	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
			LV	NT	-20000.00	-3.861004	20	PASS
			HV	NT	-20000.00	-3.861004	20	PASS
		5200	NV	NT	-20000.00	-3.846154	20	PASS
			LV	NT	-40000.00	-7.692308	20	PASS
			HV	NT	-20000.00	-3.846154	20	PASS
		5240	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.816794	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5260	NV	NT	-20000.00	-3.802281	20	PASS
			LV	NT	-20000.00	-3.802281	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5280	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5320	NV	NT	-20000.00	-3.759398	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5500	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-40000.00	-7.272727	20	PASS
			HV	NT	-20000.00	-3.636364	20	PASS
		5580	NV	NT	-20000.00	-3.584229	20	PASS
			LV	NT	-20000.00	-3.584229	20	PASS
			HV	NT	-20000.00	-3.584229	20	PASS
11AX20SI SO	Ant1	5180	NV	NT	-40000.00	-7.722008	20	PASS
			LV	NT	-20000.00	-3.861004	20	PASS
			HV	NT	-40000.00	-7.722008	20	PASS
11AX40SI SO	Ant1	5310	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5510	NV	NT	-40000.00	-7.259528	20	PASS
			LV	NT	-40000.00	-7.259528	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5550	NV	NT	-40000.00	-7.207207	20	PASS
			LV	NT	-40000.00	-7.207207	20	PASS
			HV	NT	-40000.00	-7.207207	20	PASS

		5670	NV	NT	-40000.00	-7.054674	20	PASS
			LV	NT	-40000.00	-7.054674	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5755	NV	NT	-40000.00	-6.950478	20	PASS
			LV	NT	-40000.00	-6.950478	20	PASS
			HV	NT	-40000.00	-6.950478	20	PASS
		5795	NV	NT	-40000.00	-6.902502	20	PASS
			LV	NT	-40000.00	-6.902502	20	PASS
			HV	NT	-40000.00	-6.902502	20	PASS

Temperature								
TestMode	Antenna	Frequen cy[MHz]	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-20000.00	-3.861004	20	PASS
			NV	-20	-20000.00	-3.861004	20	PASS
			NV	-10	-20000.00	-3.861004	20	PASS
			NV	0	-20000.00	-3.861004	20	PASS
			NV	10	-40000.00	-7.722008	20	PASS
			NV	20	-20000.00	-3.861004	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5200	NV	-30	-20000.00	-3.846154	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-20000.00	-3.846154	20	PASS
			NV	0	-20000.00	-3.846154	20	PASS
			NV	10	-20000.00	-3.846154	20	PASS
			NV	20	-20000.00	-3.846154	20	PASS
			NV	30	-20000.00	-3.846154	20	PASS
			NV	40	-20000.00	-3.846154	20	PASS
			NV	50	-20000.00	-3.846154	20	PASS
		5240	NV	-30	-20000.00	-3.816794	20	PASS
			NV	-20	-20000.00	-3.816794	20	PASS
			NV	-10	-20000.00	-3.816794	20	PASS
			NV	0	-20000.00	-3.816794	20	PASS
			NV	10	-20000.00	-3.816794	20	PASS
			NV	20	-20000.00	-3.816794	20	PASS
			NV	30	-40000.00	-7.633588	20	PASS
			NV	40	-20000.00	-3.816794	20	PASS
			NV	50	-20000.00	-3.816794	20	PASS
		5260	NV	-30	-20000.00	-3.802281	20	PASS
			NV	-20	-20000.00	-3.802281	20	PASS
			NV	-10	-20000.00	-3.802281	20	PASS

			NV	0	-20000.00	-3.802281	20	PASS
			NV	10	-20000.00	-3.802281	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-20000.00	-3.802281	20	PASS
			NV	40	-20000.00	-3.802281	20	PASS
			NV	50	-20000.00	-3.802281	20	PASS
		5280	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-20000.00	-3.787879	20	PASS
			NV	10	-40000.00	-7.575758	20	PASS
			NV	20	-20000.00	-3.787879	20	PASS
			NV	30	-40000.00	-7.575758	20	PASS
			NV	40	-20000.00	-3.787879	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5320	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-20000.00	-3.759398	20	PASS
			NV	-10	-20000.00	-3.759398	20	PASS
			NV	0	-20000.00	-3.759398	20	PASS
			NV	10	-20000.00	-3.759398	20	PASS
			NV	20	-20000.00	-3.759398	20	PASS
			NV	30	-20000.00	-3.759398	20	PASS
			NV	40	-40000.00	-7.518797	20	PASS
			NV	50	-40000.00	-7.518797	20	PASS
		5580	NV	-30	-40000.00	-7.168459	20	PASS
			NV	-20	-20000.00	-3.584229	20	PASS
			NV	-10	-20000.00	-3.584229	20	PASS
			NV	0	-40000.00	-7.168459	20	PASS
			NV	10	-40000.00	-7.168459	20	PASS
			NV	20	-20000.00	-3.584229	20	PASS
			NV	30	-20000.00	-3.584229	20	PASS
			NV	40	-20000.00	-3.584229	20	PASS
			NV	50	0.00	0.000000	20	PASS
11AX20SI SO	Ant1	5180	NV	-30	-20000.00	-3.861004	20	PASS
			NV	-20	-20000.00	-3.861004	20	PASS
			NV	-10	-20000.00	-3.861004	20	PASS
			NV	0	-40000.00	-7.722008	20	PASS
			NV	10	-20000.00	-3.861004	20	PASS
			NV	20	-20000.00	-3.861004	20	PASS
			NV	30	-20000.00	-3.861004	20	PASS
			NV	40	-40000.00	-7.722008	20	PASS
			NV	50	-20000.00	-3.861004	20	PASS
11AX40SI	Ant1	5310	NV	-30	40000.00	7.532957	20	PASS

SO			NV	-20	-40000.00	-7.532957	20	PASS
			NV	-10	-40000.00	-7.532957	20	PASS
			NV	0	-40000.00	-7.532957	20	PASS
			NV	10	-40000.00	-7.532957	20	PASS
			NV	20	-40000.00	-7.532957	20	PASS
			NV	30	-40000.00	-7.532957	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5510	NV	-30	-40000.00	-7.259528	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-7.259528	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.00	-7.259528	20	PASS
			NV	30	-40000.00	-7.259528	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-40000.00	-7.259528	20	PASS
		5550	NV	-30	-40000.00	-7.207207	20	PASS
			NV	-20	-40000.00	-7.207207	20	PASS
			NV	-10	-40000.00	-7.207207	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.00	-7.207207	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-40000.00	-7.207207	20	PASS
		5670	NV	-30	-40000.00	-7.054674	20	PASS
			NV	-20	-40000.00	-7.054674	20	PASS
			NV	-10	-40000.00	-7.054674	20	PASS
			NV	0	-40000.00	-7.054674	20	PASS
			NV	10	-40000.00	-7.054674	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-40000.00	-7.054674	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5755	NV	-30	-80000.00	-13.900956	20	PASS
			NV	-20	-40000.00	-6.950478	20	PASS
			NV	-10	-40000.00	-6.950478	20	PASS
			NV	0	-80000.00	-13.900956	20	PASS
			NV	10	-40000.00	-6.950478	20	PASS
			NV	20	40000.00	6.950478	20	PASS
			NV	30	-40000.00	-6.950478	20	PASS
			NV	40	-40000.00	-6.950478	20	PASS

			NV	50	40000.00	6.950478	20	PASS
		5795	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-40000.00	-6.902502	20	PASS
			NV	-10	-40000.00	-6.902502	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-40000.00	-6.902502	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-40000.00	-6.902502	20	PASS

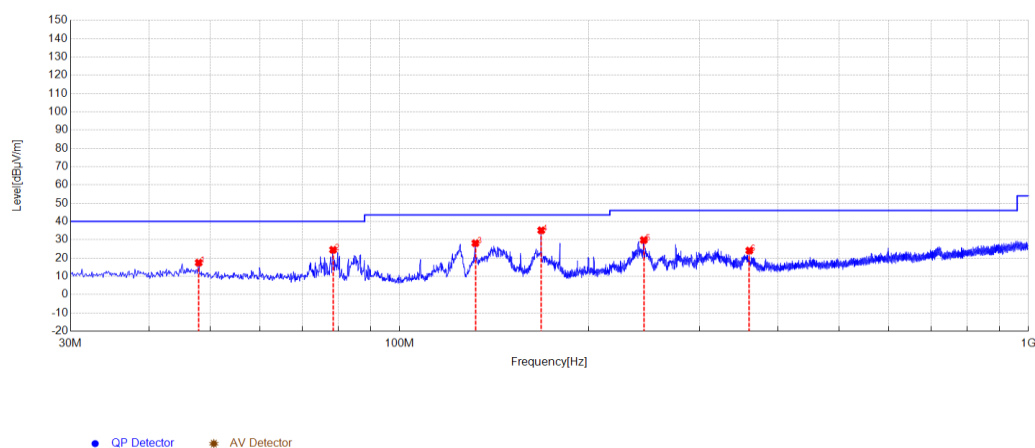
Appendix F: Unwant Emissions

Test Result

Note:

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not reported.

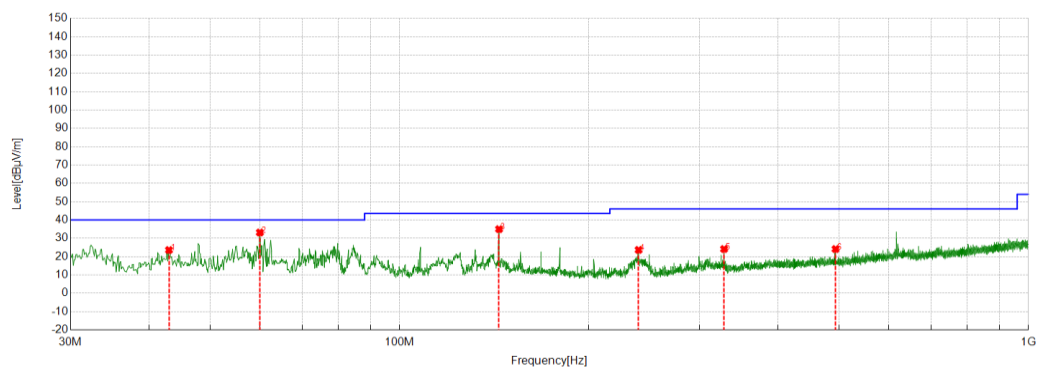
During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes with all channels. The test data of the worst-case (AX20-5180MHz) condition was recorded in this report.



NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	47.9468	33.53	17.45	-16.08	40.00	22.55	150	160	Horizontal	PASS
2	78.4078	44.15	24.48	-19.67	40.00	15.52	150	200	Horizontal	PASS
3	132.0542	45.04	28.11	-16.93	43.50	15.39	150	340	Horizontal	PASS
4	168.0448	51.25	35.16	-16.09	43.50	8.34	150	180	Horizontal	PASS
5	244.5855	47.66	29.83	-17.83	46.00	16.17	150	210	Horizontal	PASS
6	360.0270	38.63	24.06	-14.57	46.00	21.94	150	120	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level



• QP Detector • AV Detector

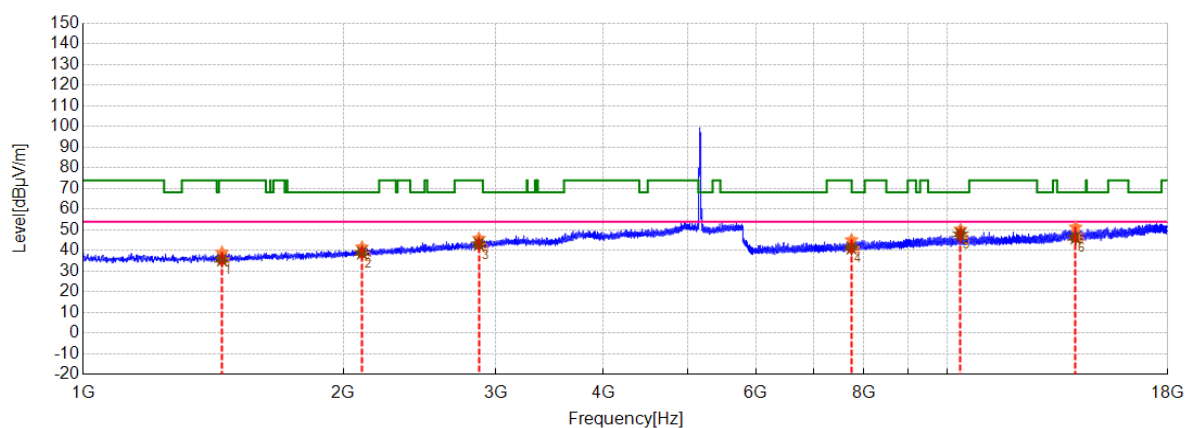
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	42.9993	39.48	23.58	-15.90	40.00	16.42	150	100	Vertical	PASS
2	59.9760	49.94	33.14	-16.80	40.00	6.86	150	60	Vertical	PASS
3	143.9864	51.23	34.97	-16.26	43.50	8.53	150	50	Vertical	PASS
4	240.0260	41.93	23.65	-18.28	46.00	22.35	150	180	Vertical	PASS
5	328.2078	38.99	24.13	-14.86	46.00	21.87	150	210	Vertical	PASS
6	493.6094	35.58	24.11	-11.47	46.00	21.89	150	250	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: AC20

Channel: 5180 MHz

Test Graph


★ PK Detector ★ AV Detector

Final Data List

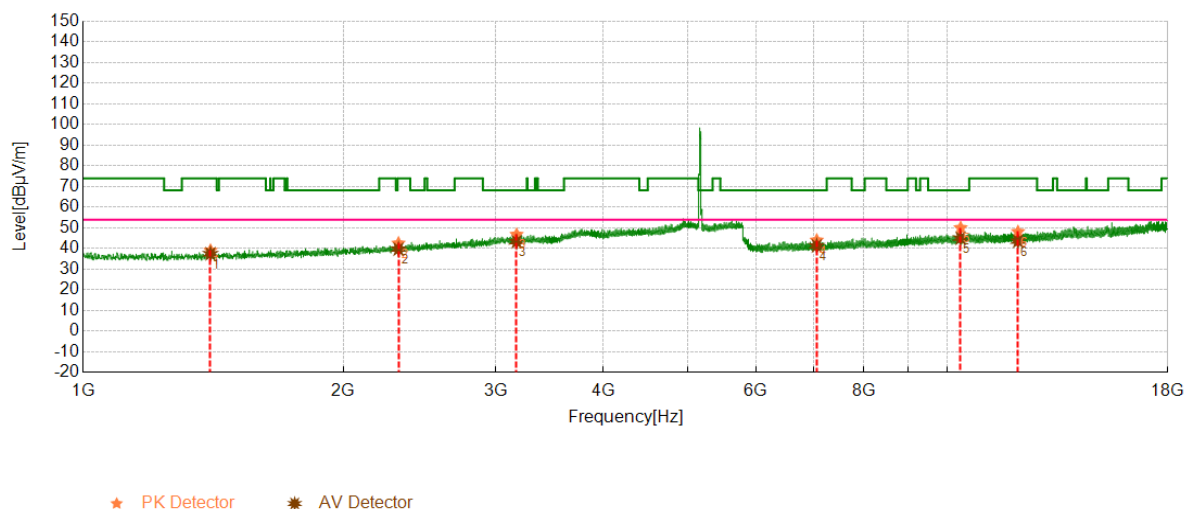
NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1447.0000	-0.10	39.24	39.14	74.00	34.86	35.69	35.59	54.00	18.41	150	289	Horizontal	PASS
2	2101.6000	2.21	39.46	41.67	68.23	26.56	36.65	38.86	54.00	15.14	150	132	Horizontal	PASS
3	2869.6000	5.41	40.45	45.86	74.00	28.14	37.71	43.12	54.00	10.88	150	38	Horizontal	PASS
4	7746.5100	-8.14	53.31	45.17	74.00	28.83	49.46	41.32	54.00	12.68	150	192	Horizontal	PASS
5	10358.530	-3.94	54.17	50.23	68.23	18.00	51.81	47.87	54.00	6.13	150	41	Horizontal	PASS
6	14075.870	1.60	49.7	51.30	68.23	16.93	44.64	46.24	54.00	7.76	150	317	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: AC20

Channel: 5180 MHz

Test Graph

Final Data List

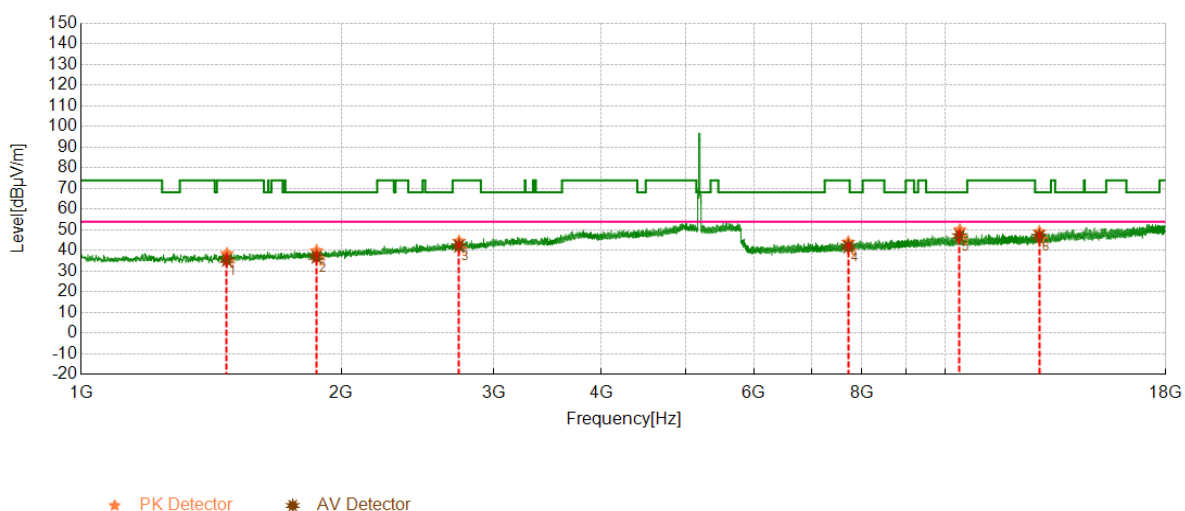
NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1403.2000	-0.30	39.41	39.11	74.00	34.89	37.81	37.51	54.00	16.49	150	144	Vertical	PASS
2	2315.8000	2.86	39.72	42.58	74.00	31.42	36.89	39.75	54.00	14.25	150	21	Vertical	PASS
3	3173.2000	6.43	40.4	46.83	68.23	21.40	36.93	43.36	54.00	10.64	150	124	Vertical	PASS
4	7060.8700	-8.96	53.01	44.05	68.23	24.18	50.29	41.33	54.00	12.67	150	105	Vertical	PASS
5	10360.360	-3.94	54.02	50.08	68.23	18.15	49.00	45.06	54.00	8.94	150	29	Vertical	PASS
6	12072.630	-1.62	49.79	48.17	74.00	25.83	45.24	43.62	54.00	10.38	150	343	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: AC20

Channel: 5200 MHz

Test Graph

Final Data List

NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1474.0000	-0.05	38.47	38.42	74.00	35.58	35.50	35.45	54.00	18.55	150	276	Vertical	PASS
2	1871.8000	1.44	38.42	39.86	68.23	28.37	35.45	36.89	54.00	17.11	150	343	Vertical	PASS
3	2736.4000	4.73	39.71	44.44	74.00	29.56	37.49	42.22	54.00	11.78	150	202	Vertical	PASS
4	7720.2800	-8.24	52.22	43.98	74.00	30.02	50.13	41.89	54.00	12.11	150	353	Vertical	PASS
5	10393.300	-3.86	53.78	49.92	68.23	18.31	50.94	47.08	54.00	6.92	150	58	Vertical	PASS
6	12846.720	-0.52	49.51	48.99	68.23	19.24	47.33	46.81	54.00	7.19	150	139	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level