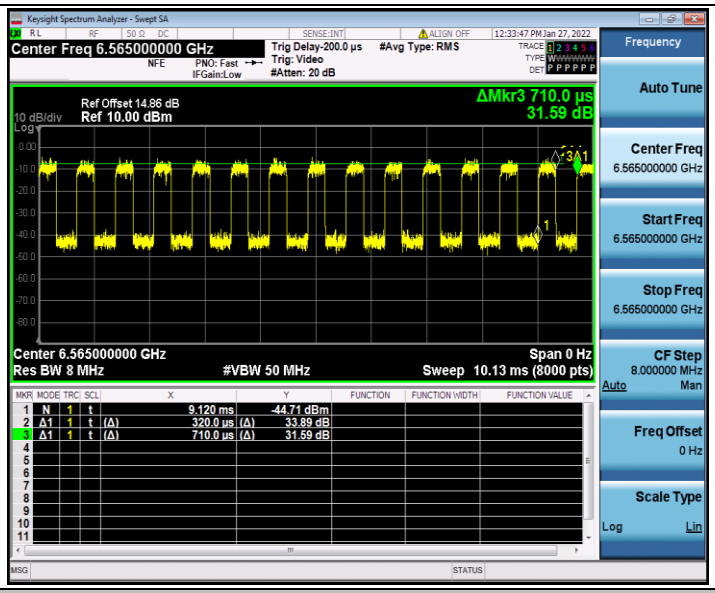
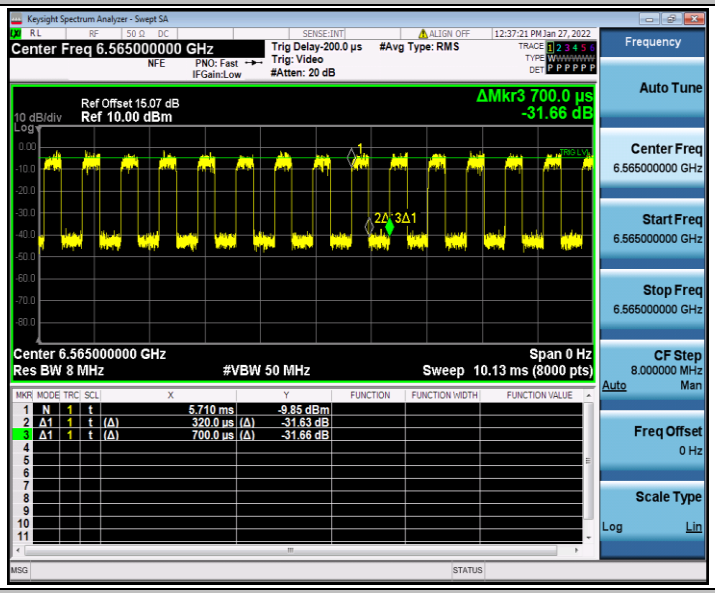
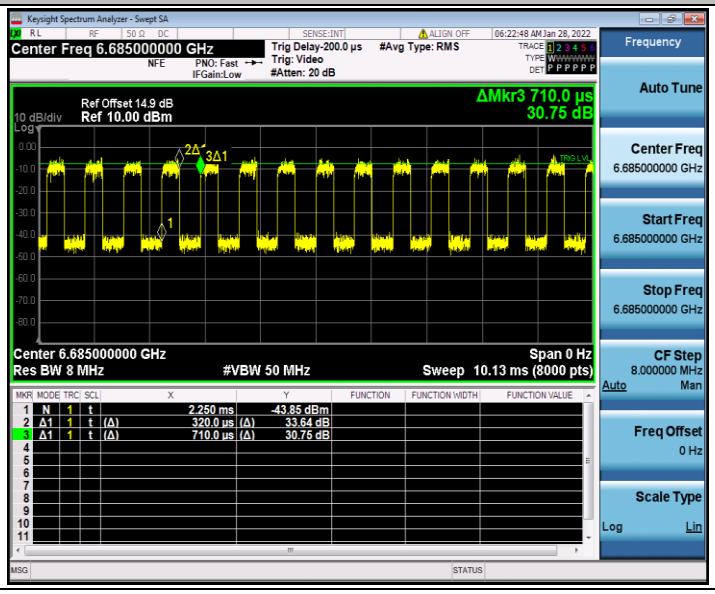


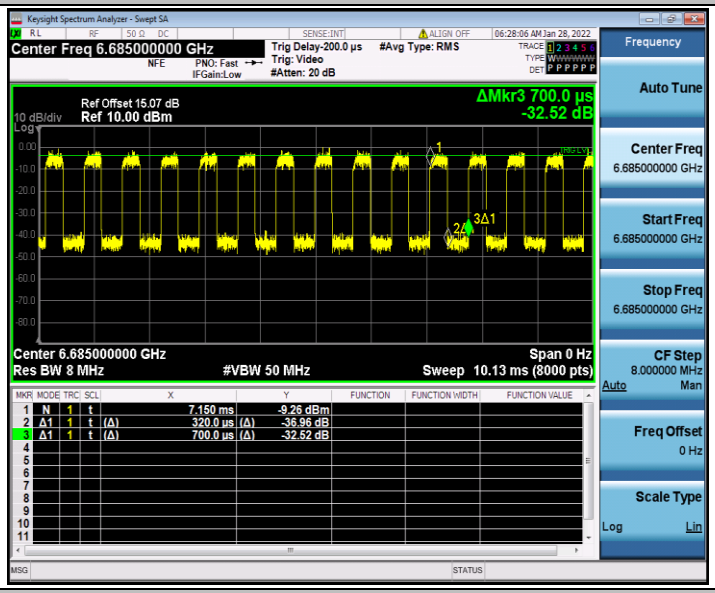
11AX40MIMO_Ant2_6565



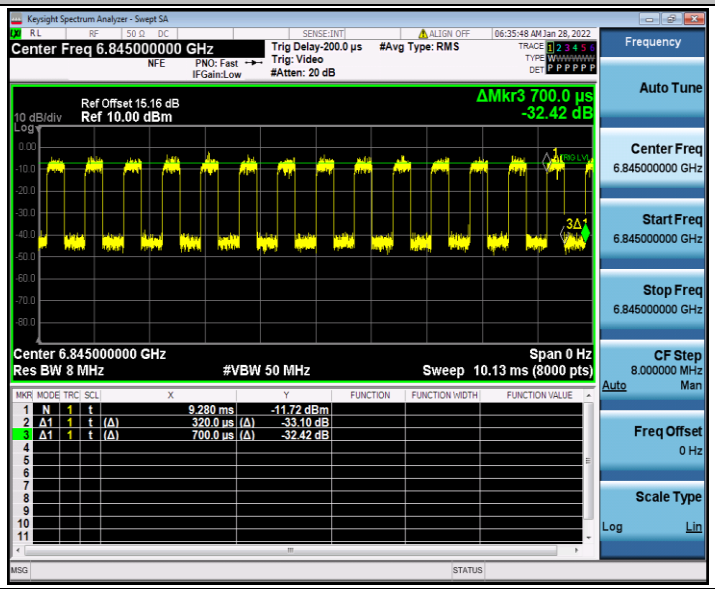
11AX40MIMO_Ant1_6685



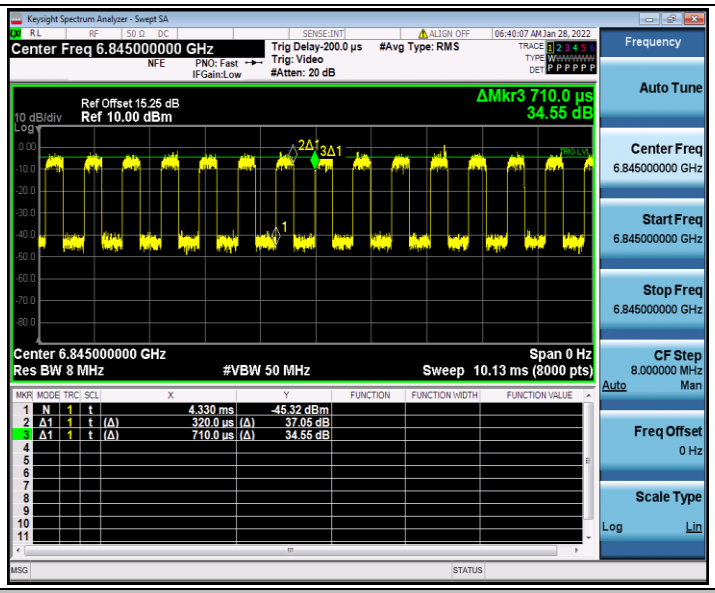
11AX40MIMO_Ant2_6685



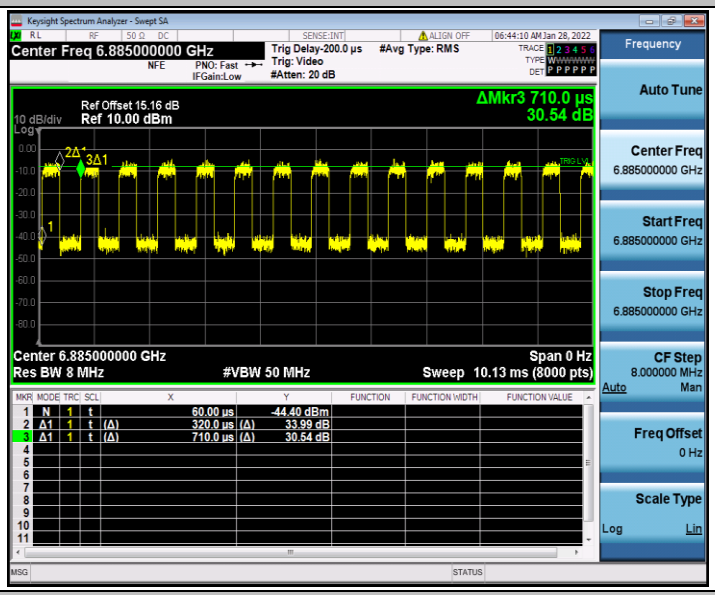
11AX40MIMO_Ant1_6845



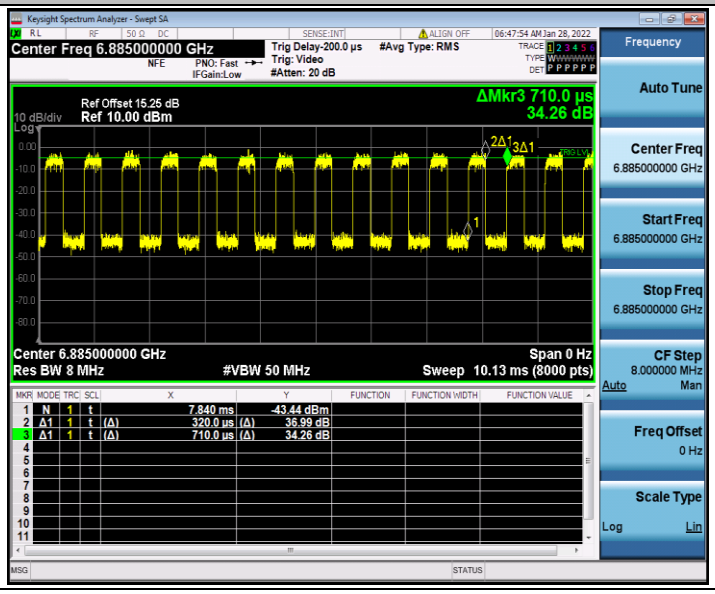
11AX40MIMO_Ant2_6845



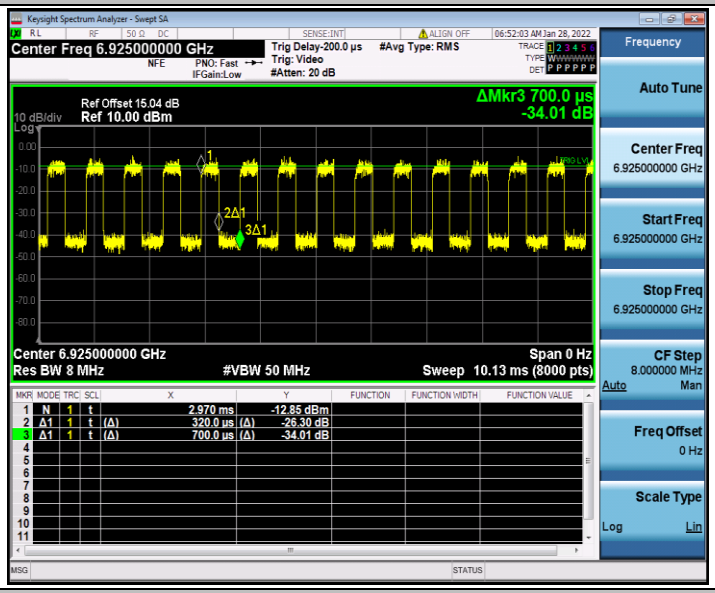
11AX40MIMO_Ant1_6885



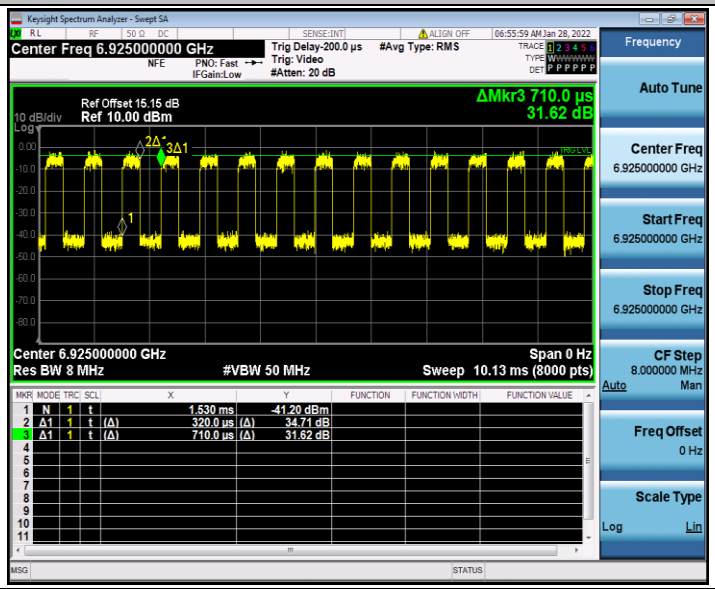
11AX40MIMO_Ant2_6885



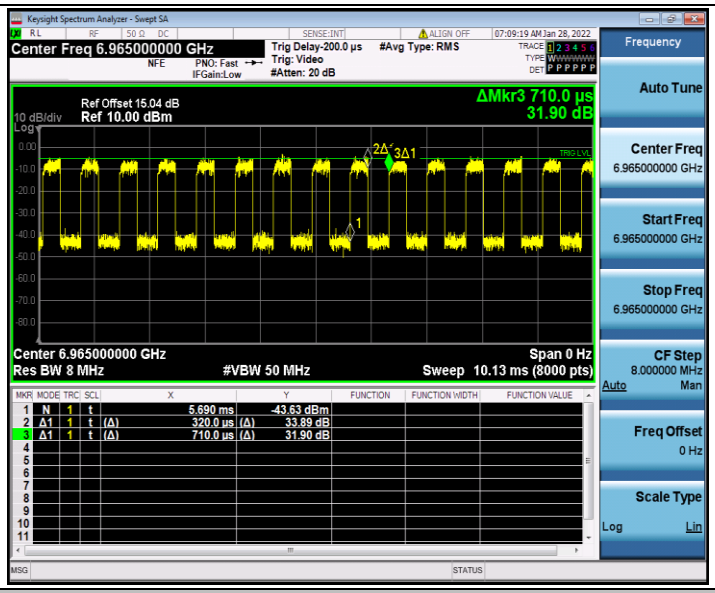
11AX40MIMO_Ant1_6925



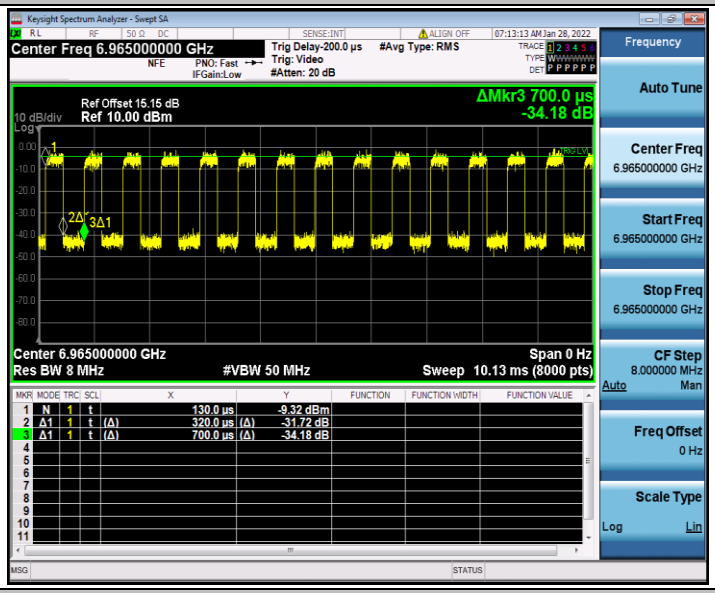
11AX40MIMO_Ant2_6925



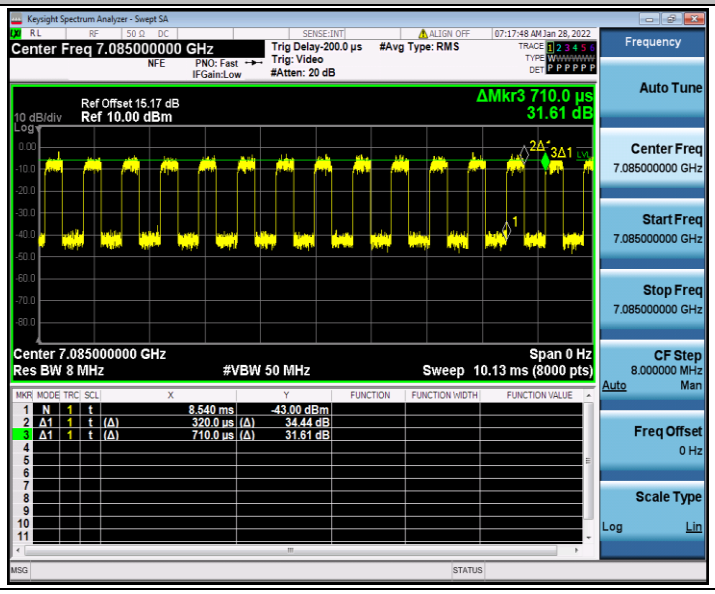
11AX40MIMO_Ant1_6965



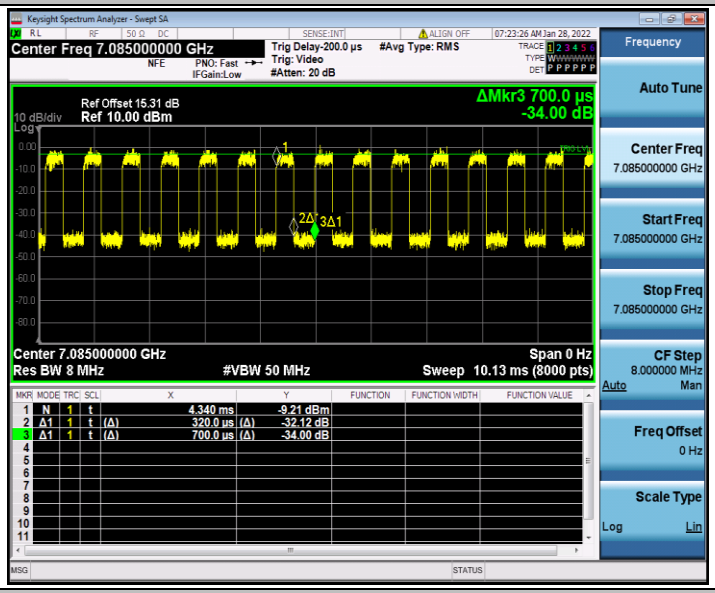
11AX40MIMO_Ant2_6965



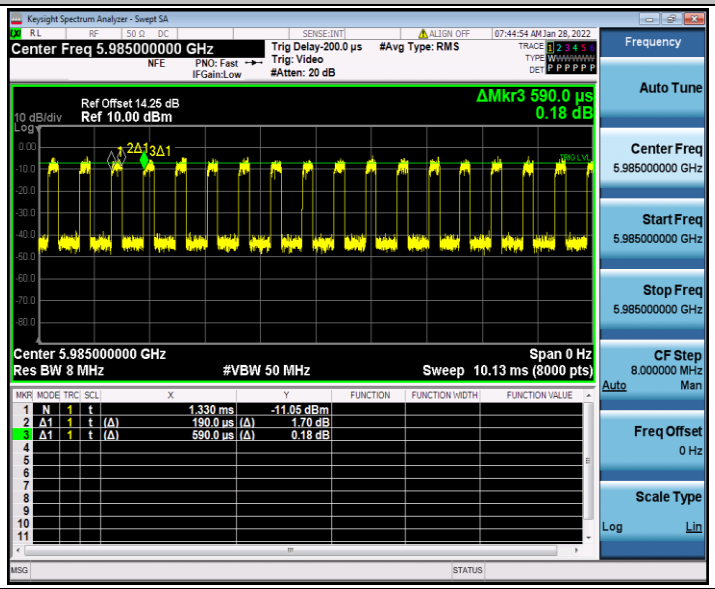
11AX40MIMO_Ant1_7085



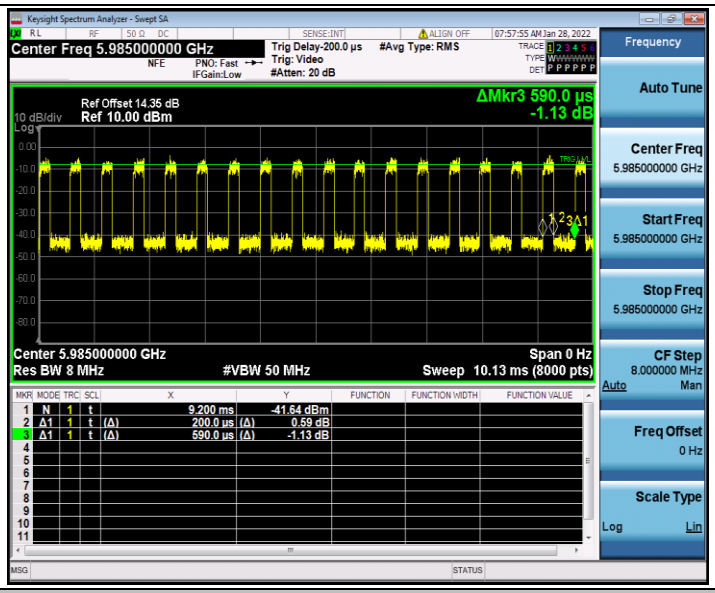
11AX40MIMO_Ant2_7085



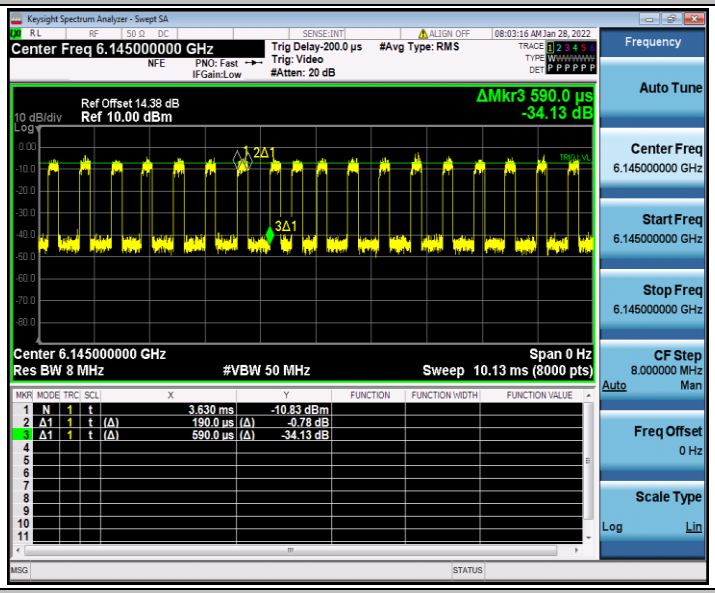
11AX80MIMO_Ant1_5985



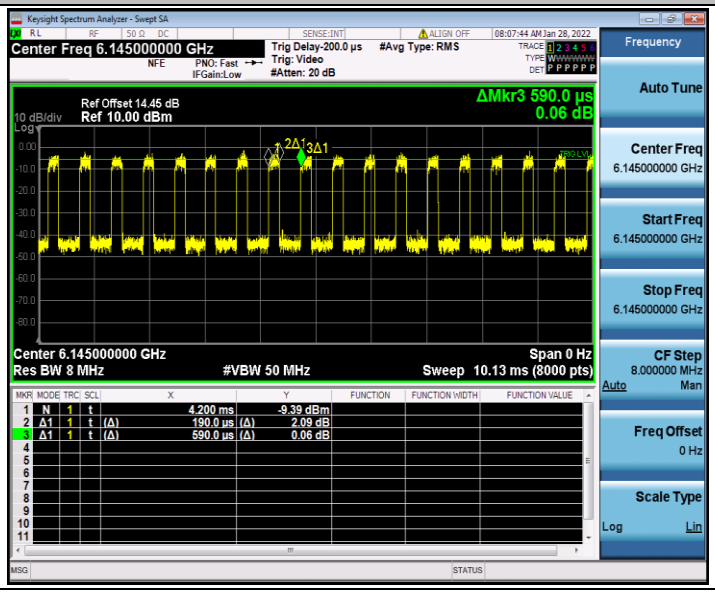
11AX80MIMO_Ant2_5985



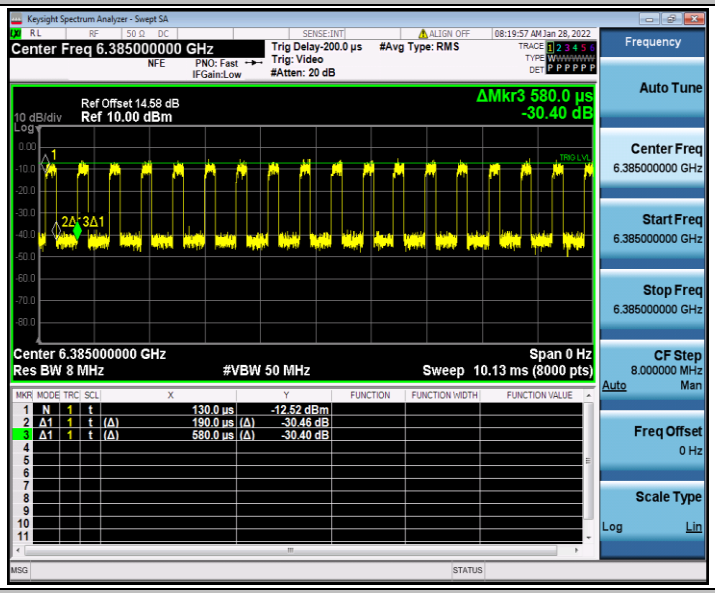
11AX80MIMO_Ant1_6145



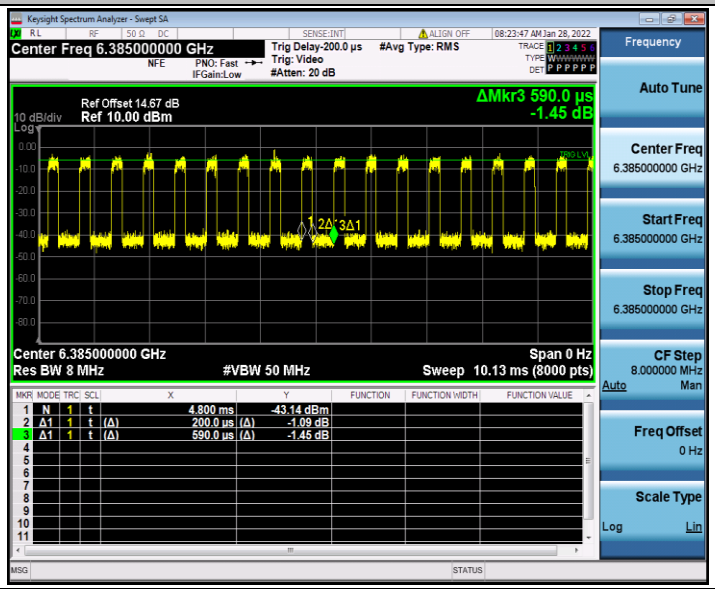
11AX80MIMO_Ant2_6145



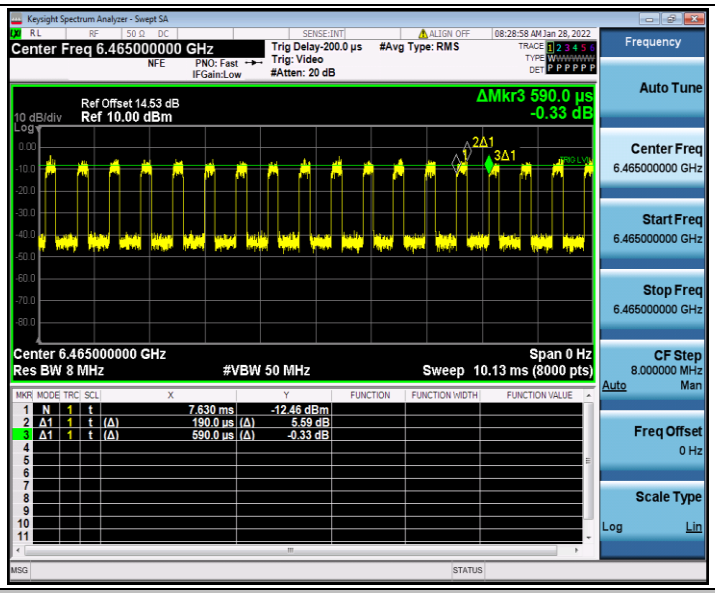
11AX80MIMO_Ant1_6385



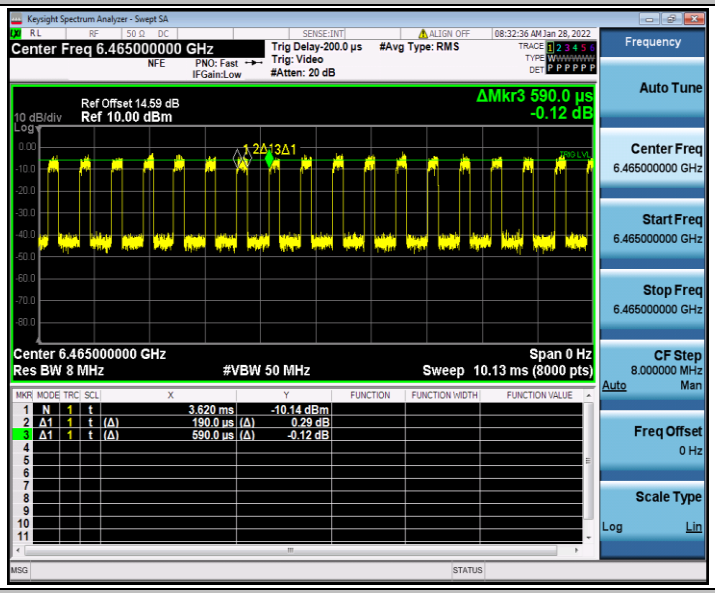
11AX80MIMO_Ant2_6385



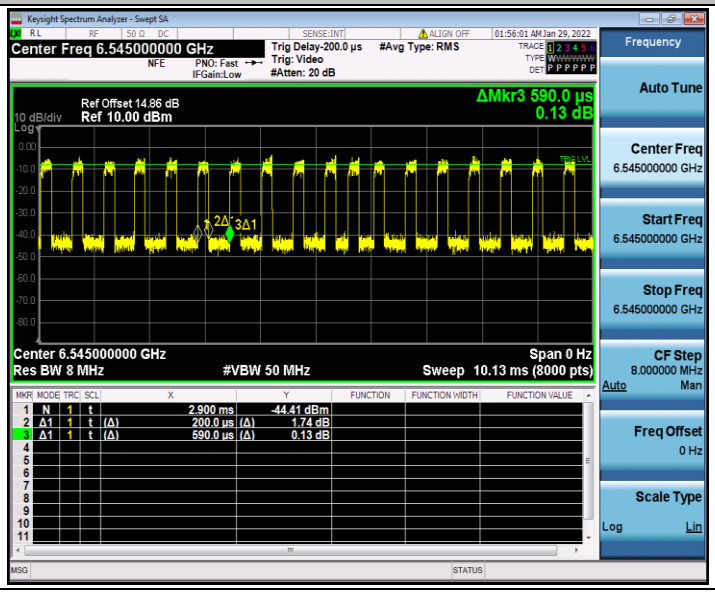
11AX80MIMO_Ant1_6465



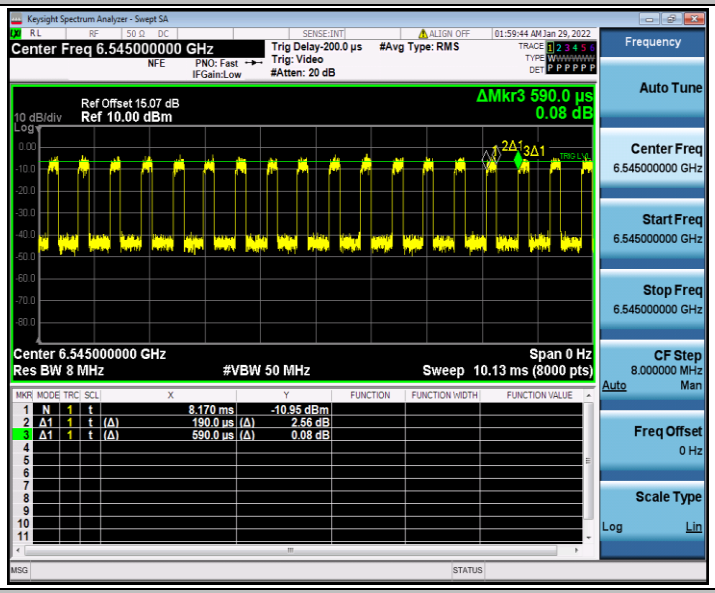
11AX80MIMO_Ant2_6465



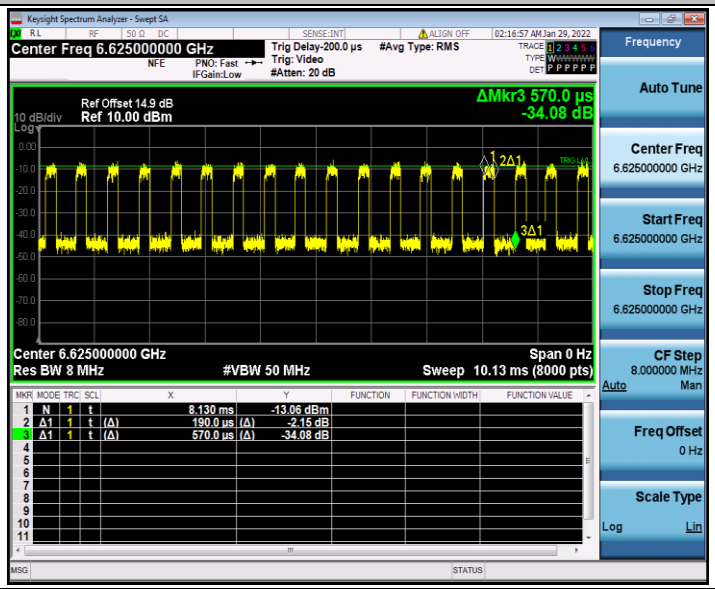
11AX80MIMO_Ant1_6545



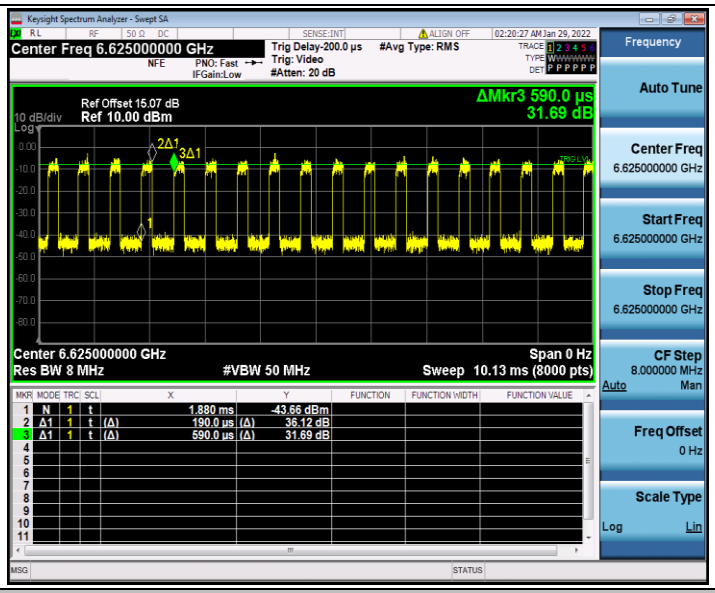
11AX80MIMO_Ant2_6545



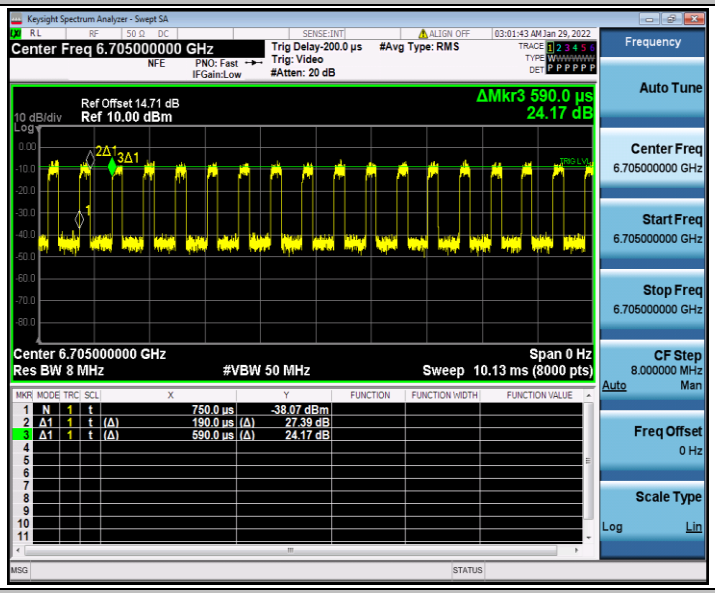
11AX80MIMO_Ant1_6625



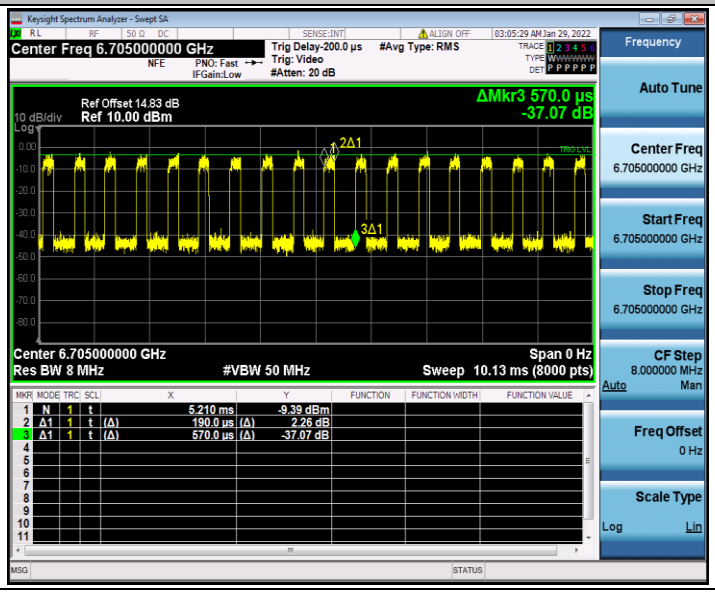
11AX80MIMO_Ant2_6625



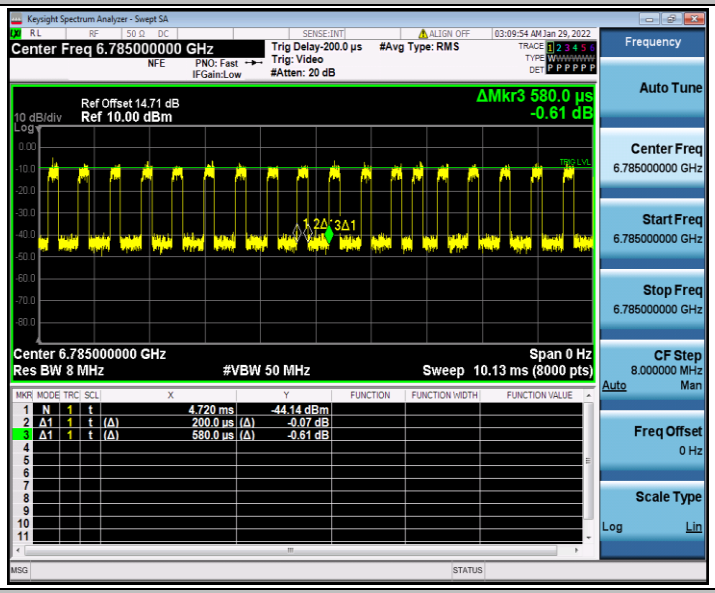
11AX80MIMO_Ant1_6705



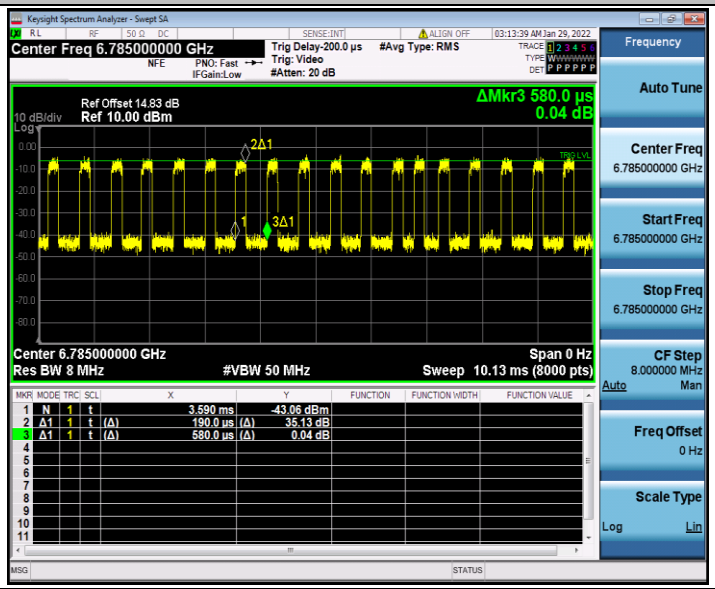
11AX80MIMO_Ant2_6705



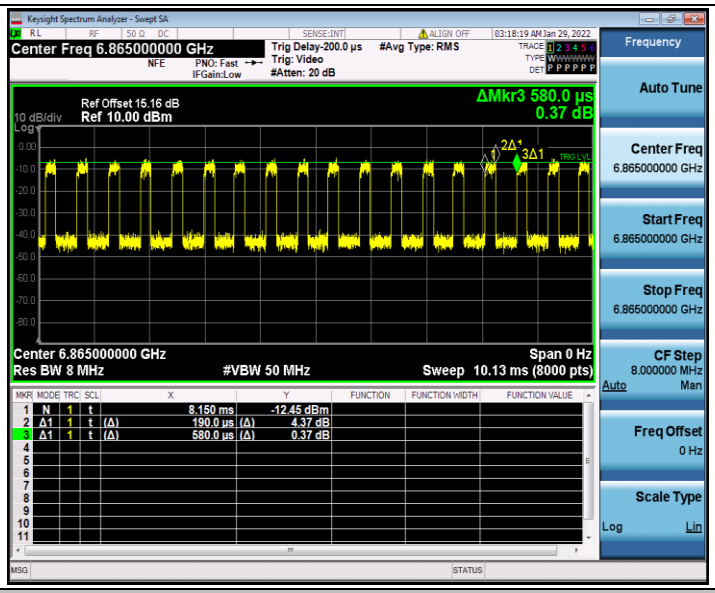
11AX80MIMO_Ant1_6785



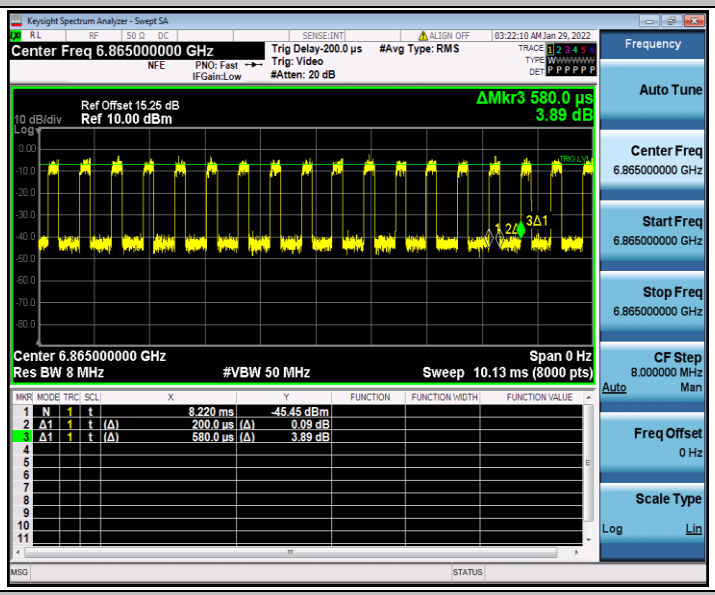
11AX80MIMO_Ant2_6785



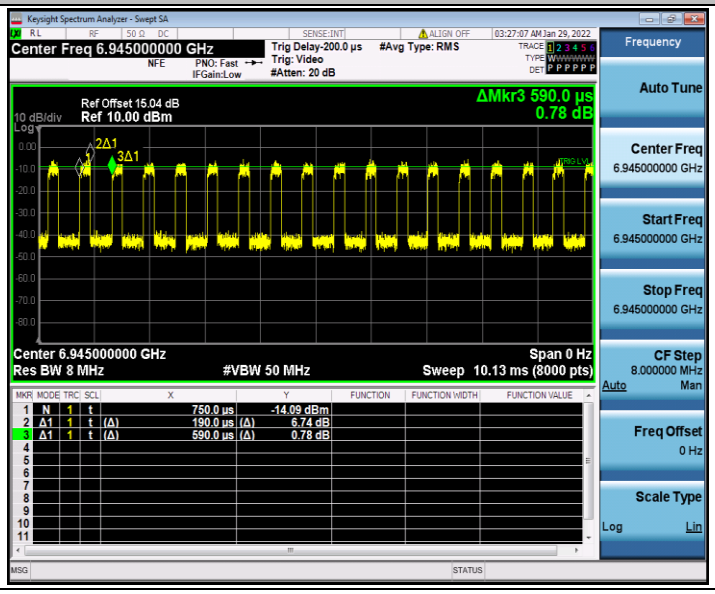
11AX80MIMO_Ant1_6865



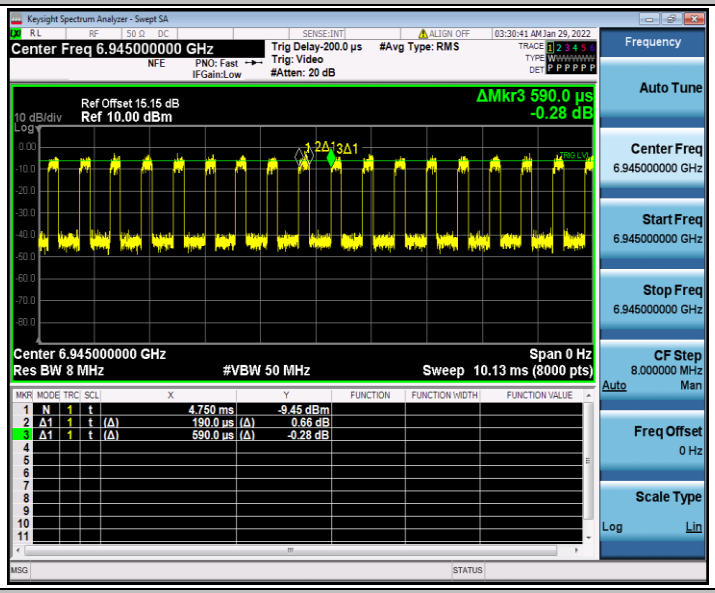
11AX80MIMO_Ant2_6865



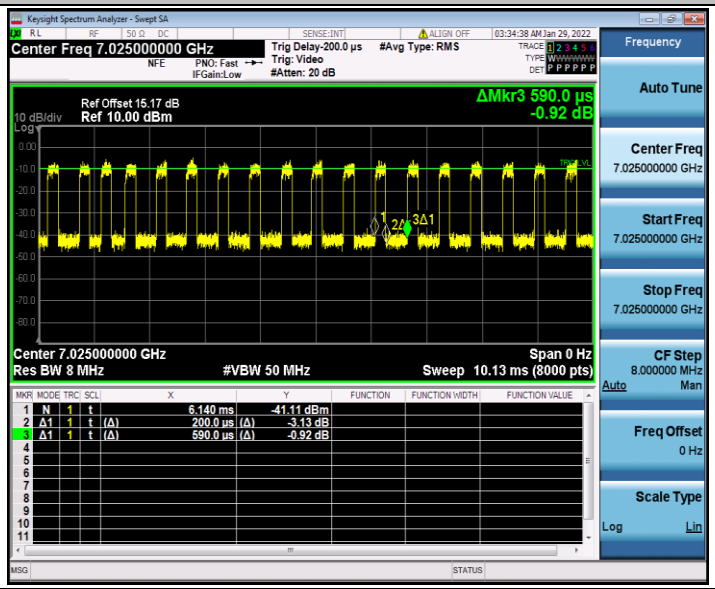
11AX80MIMO_Ant1_6945



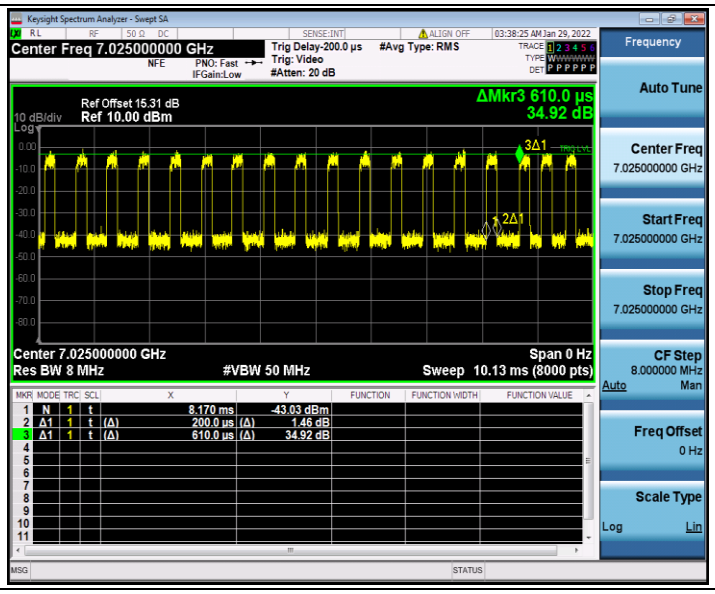
11AX80MIMO_Ant2_6945



11AX80MIMO_Ant1_7025



11AX80MIMO_Ant2_7025


Keysight Spectrum Analyzer - Swept SA
RL
RF
50 Ω DC
SENSE:INT
ALIGN OFF
03:38:25 AM Jan 29, 2022
Center Freq 7.025000000 GHz
NFE
PNO: Fast
IFGain:Low
Trig Delay-200.0 µs
Trig: Video
#Atten: 20 dB
#Avg Type: RMS
TRACE 1 2 3 4 5 6
TYPE W W W W W W
DET P P P P P
Frequency
Auto Tune
Center Freq
7.025000000 GHz
Start Freq
7.025000000 GHz
Stop Freq
7.025000000 GHz
CF Step
8.000000 MHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
Ref Offset 15.31 dB
10 dB/div
Ref 10.00 dBm
Log
ΔMkr3 610.0 µs
34.92 dB
3Δ1
2Δ1
Center 7.025000000 GHz
Span 0 Hz
Res BW 8 MHz
#VBW 50 MHz
Sweep 10.13 ms (8000 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 t 8.170 ms -43.03 dBm
2 Δ1 1 t (Δ) 200.0 µs (Δ) 1.46 dB
3 Δ1 1 t (Δ) 610.0 µs (Δ) 34.92 dB
MSG
STATUS

Appendix E: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency[MHz]	Channel Powert [dBm]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11N20SISO	Ant1	5955	-5.37	1.14	-4.23	≤22.00	2.00	-2.23	≤24.00	PASS
	Ant2	5955	-3.67	1.11	-2.56	≤22.10	1.90	-0.66	≤24.00	PASS
	Ant1	6175	-4.79	1.14	-3.65	≤22.00	2.00	-1.65	≤24.00	PASS
	Ant2	6175	-4.30	1.14	-3.16	≤22.10	1.90	-1.26	≤24.00	PASS
	Ant1	6415	-4.05	1.11	-2.94	≤22.00	2.00	-0.94	≤24.00	PASS
	Ant2	6415	-3.79	1.11	-2.68	≤22.10	1.90	-0.78	≤24.00	PASS
	Ant1	6435	-4.15	1.14	-3.01	≤22.00	2.00	-1.01	≤24.00	PASS
	Ant2	6435	-3.84	1.14	-2.70	≤22.10	1.90	-0.80	≤24.00	PASS
	Ant1	6475	-4.19	1.14	-3.05	≤22.00	2.00	-1.05	≤24.00	PASS
	Ant2	6475	-3.67	1.11	-2.56	≤22.10	1.90	-0.66	≤24.00	PASS
	Ant1	6515	-3.55	1.14	-2.41	≤22.00	2.00	-0.41	≤24.00	PASS
	Ant2	6515	-3.84	1.14	-2.70	≤22.10	1.90	-0.80	≤24.00	PASS
	Ant1	6535	-4.78	1.14	-3.64	≤22.00	2.00	-1.64	≤24.00	PASS
	Ant2	6535	-3.99	1.11	-2.88	≤22.10	1.90	-0.98	≤24.00	PASS
	Ant1	6695	-6.62	1.11	-5.51	≤22.00	2.00	-3.51	≤24.00	PASS
	Ant2	6695	-3.29	1.14	-2.15	≤22.10	1.90	-0.25	≤24.00	PASS
	Ant1	6855	-5.83	1.14	-4.69	≤22.00	2.00	-2.69	≤24.00	PASS
	Ant2	6855	-3.05	1.14	-1.91	≤22.10	1.90	-0.01	≤24.00	PASS
	Ant1	6895	-5.36	1.11	-4.25	≤22.00	2.00	-2.25	≤24.00	PASS
	Ant2	6895	-3.88	1.15	-2.73	≤22.10	1.90	-0.83	≤24.00	PASS
	Ant1	6995	-5.32	1.11	-4.21	≤22.00	2.00	-2.21	≤24.00	PASS
	Ant2	6995	-4.35	1.14	-3.21	≤22.10	1.90	-1.31	≤24.00	PASS
	Ant1	7115	-3.68	1.11	-2.57	≤22.00	2.00	-0.57	≤24.00	PASS
	Ant2	7115	-3.91	1.11	-2.80	≤22.10	1.90	-0.90	≤24.00	PASS
11N40SISO	Ant1	5965	-4.41	2.04	-2.37	≤22.00	2.00	-0.37	≤24.00	PASS
	Ant2	5965	-3.53	2.04	-1.49	≤22.10	1.90	0.41	≤24.00	PASS
	Ant1	6165	-3.83	2.11	-1.72	≤22.00	2.00	0.28	≤24.00	PASS
	Ant2	6165	-3.55	2.04	-1.51	≤22.10	1.90	0.39	≤24.00	PASS
	Ant1	6405	-3.10	1.98	-1.12	≤22.00	2.00	0.88	≤24.00	PASS
	Ant2	6405	-3.02	2.00	-1.02	≤22.10	1.90	0.88	≤24.00	PASS
	Ant1	6445	-3.12	2.04	-1.08	≤22.00	2.00	0.92	≤24.00	PASS
	Ant2	6445	-2.82	2.12	-0.70	≤22.10	1.90	1.20	≤24.00	PASS
	Ant1	6485	-3.11	2.11	-1.00	≤22.00	2.00	1.00	≤24.00	PASS
	Ant2	6485	-3.37	2.00	-1.37	≤22.10	1.90	0.53	≤24.00	PASS
	Ant1	6525	-3.57	2.07	-1.50	≤22.00	2.00	0.50	≤24.00	PASS
	Ant2	6525	-3.04	2.07	-0.97	≤22.10	1.90	0.93	≤24.00	PASS

	Ant1	6565	-4.50	2.04	-2.46	≤22.00	2.00	-0.46	≤24.00	PASS
	Ant2	6565	-3.14	2.07	-1.07	≤22.10	1.90	0.83	≤24.00	PASS
	Ant1	6685	-3.78	2.04	-1.74	≤22.00	2.00	0.26	≤24.00	PASS
	Ant2	6685	-4.97	2.04	-2.93	≤22.10	1.90	-1.03	≤24.00	PASS
	Ant1	6845	-2.92	2.00	-0.92	≤22.00	2.00	1.08	≤24.00	PASS
	Ant2	6845	-3.59	2.00	-1.59	≤22.10	1.90	0.31	≤24.00	PASS
	Ant1	6885	-2.98	2.11	-0.87	≤22.00	2.00	1.13	≤24.00	PASS
	Ant2	6885	-3.60	2.07	-1.53	≤22.10	1.90	0.37	≤24.00	PASS
	Ant1	6925	-3.94	2.11	-1.83	≤22.00	2.00	0.17	≤24.00	PASS
	Ant2	6925	-3.77	2.00	-1.77	≤22.10	1.90	0.13	≤24.00	PASS
	Ant1	6965	-3.17	1.98	-1.19	≤22.00	2.00	0.81	≤24.00	PASS
	Ant2	6965	-3.87	2.00	-1.87	≤22.10	1.90	0.03	≤24.00	PASS
	Ant1	7085	-2.79	2.11	-0.68	≤22.00	2.00	1.32	≤24.00	PASS
	Ant2	7085	-1.86	2.07	0.21	≤22.10	1.90	2.11	≤24.00	PASS
11AC20SISO	Ant1	5955	-4.32	1.08	-3.24	≤22.00	2.00	-1.24	≤24.00	PASS
	Ant2	5955	-4.06	1.08	-2.98	≤22.10	1.90	-1.08	≤24.00	PASS
	Ant1	6175	-4.25	1.08	-3.17	≤22.00	2.00	-1.17	≤24.00	PASS
	Ant2	6175	-3.52	1.08	-2.44	≤22.10	1.90	-0.54	≤24.00	PASS
	Ant1	6415	-2.89	1.05	-1.84	≤22.00	2.00	0.16	≤24.00	PASS
	Ant2	6415	-3.24	1.05	-2.19	≤22.10	1.90	-0.29	≤24.00	PASS
	Ant1	6435	-3.89	1.08	-2.81	≤22.00	2.00	-0.81	≤24.00	PASS
	Ant2	6435	-2.93	1.08	-1.85	≤22.10	1.90	0.05	≤24.00	PASS
	Ant1	6475	-4.01	1.08	-2.93	≤22.00	2.00	-0.93	≤24.00	PASS
	Ant2	6475	-2.97	1.08	-1.89	≤22.10	1.90	0.01	≤24.00	PASS
	Ant1	6515	-4.05	1.08	-2.97	≤22.00	2.00	-0.97	≤24.00	PASS
	Ant2	6515	-2.98	1.08	-1.90	≤22.10	1.90	0.00	≤24.00	PASS
	Ant1	6535	-3.95	1.08	-2.87	≤22.00	2.00	-0.87	≤24.00	PASS
	Ant2	6535	-3.16	1.08	-2.08	≤22.10	1.90	-0.18	≤24.00	PASS
	Ant1	6695	-3.68	1.08	-2.60	≤22.00	2.00	-0.60	≤24.00	PASS
	Ant2	6695	-4.43	1.08	-3.35	≤22.10	1.90	-1.45	≤24.00	PASS
	Ant1	6855	-2.72	1.08	-1.64	≤22.00	2.00	0.36	≤24.00	PASS
	Ant2	6855	-3.59	1.08	-2.51	≤22.10	1.90	-0.61	≤24.00	PASS
	Ant1	6895	-4.13	1.08	-3.05	≤22.00	2.00	-1.05	≤24.00	PASS
	Ant2	6895	-4.35	1.08	-3.27	≤22.10	1.90	-1.37	≤24.00	PASS
	Ant1	6995	-3.68	1.05	-2.63	≤22.00	2.00	-0.63	≤24.00	PASS
	Ant2	6995	-2.95	1.08	-1.87	≤22.10	1.90	0.03	≤24.00	PASS
	Ant1	7115	-3.89	1.08	-2.81	≤22.00	2.00	-0.81	≤24.00	PASS
	Ant2	7115	-2.84	1.08	-1.76	≤22.10	1.90	0.14	≤24.00	PASS
11AC40SISO	Ant1	5965	-2.84	2.04	-0.80	≤22.00	2.00	1.20	≤24.00	PASS
	Ant2	5965	-2.74	2.00	-0.74	≤22.10	1.90	1.16	≤24.00	PASS
	Ant1	6165	-3.65	2.06	-1.59	≤22.00	2.00	0.41	≤24.00	PASS
	Ant2	6165	-2.88	2.04	-0.84	≤22.10	1.90	1.06	≤24.00	PASS
	Ant1	6405	-2.99	2.04	-0.95	≤22.00	2.00	1.05	≤24.00	PASS

	Ant2	6405	-3.17	2.08	-1.09	≤22.10	1.90	0.81	≤24.00	PASS
	Ant1	6445	-2.69	2.04	-0.65	≤22.00	2.00	1.35	≤24.00	PASS
	Ant2	6445	-2.96	2.04	-0.92	≤22.10	1.90	0.98	≤24.00	PASS
	Ant1	6485	-2.86	2.10	-0.76	≤22.00	2.00	1.24	≤24.00	PASS
	Ant2	6485	-3.14	2.04	-1.10	≤22.10	1.90	0.80	≤24.00	PASS
	Ant1	6525	-3.40	2.04	-1.36	≤22.00	2.00	0.64	≤24.00	PASS
	Ant2	6525	-2.99	2.04	-0.95	≤22.10	1.90	0.95	≤24.00	PASS
	Ant1	6565	-4.14	2.04	-2.10	≤22.00	2.00	-0.10	≤24.00	PASS
	Ant2	6565	-2.85	2.04	-0.81	≤22.10	1.90	1.09	≤24.00	PASS
	Ant1	6685	-3.54	1.97	-1.57	≤22.00	2.00	0.43	≤24.00	PASS
	Ant2	6685	-3.21	1.97	-1.24	≤22.10	1.90	0.66	≤24.00	PASS
	Ant1	6845	-2.36	2.04	-0.32	≤22.00	2.00	1.68	≤24.00	PASS
	Ant2	6845	-3.23	2.04	-1.19	≤22.10	1.90	0.71	≤24.00	PASS
	Ant1	6885	-3.62	2.04	-1.58	≤22.00	2.00	0.42	≤24.00	PASS
	Ant2	6885	-3.59	2.04	-1.55	≤22.10	1.90	0.35	≤24.00	PASS
	Ant1	6925	-3.36	2.08	-1.28	≤22.00	2.00	0.72	≤24.00	PASS
	Ant2	6925	-3.23	2.08	-1.15	≤22.10	1.90	0.75	≤24.00	PASS
	Ant1	6965	-3.50	2.04	-1.46	≤22.00	2.00	0.54	≤24.00	PASS
	Ant2	6965	-3.55	2.04	-1.51	≤22.10	1.90	0.39	≤24.00	PASS
	Ant1	7085	-2.80	2.04	-0.76	≤22.00	2.00	1.24	≤24.00	PASS
	Ant2	7085	-2.61	2.04	-0.57	≤22.10	1.90	1.33	≤24.00	PASS
11AC80SISO	Ant1	5985	-2.84	3.33	0.50	≤22.00	2.00	2.50	≤24.00	PASS
	Ant2	5985	-3.90	3.33	-0.57	≤22.10	1.90	1.33	≤24.00	PASS
	Ant1	6145	-3.57	3.33	-0.24	≤22.00	2.00	1.76	≤24.00	PASS
	Ant2	6145	-2.96	3.46	0.50	≤22.10	1.90	2.40	≤24.00	PASS
	Ant1	6385	-2.50	3.33	0.83	≤22.00	2.00	2.83	≤24.00	PASS
	Ant2	6385	-1.90	3.46	1.56	≤22.10	1.90	3.46	≤24.00	PASS
	Ant1	6465	-2.38	3.46	1.08	≤22.00	2.00	3.08	≤24.00	PASS
	Ant2	6465	-3.53	3.46	-0.07	≤22.10	1.90	1.83	≤24.00	PASS
	Ant1	6545	-3.15	3.46	0.31	≤22.00	2.00	2.31	≤24.00	PASS
	Ant2	6545	-3.72	3.33	-0.39	≤22.10	1.90	1.51	≤24.00	PASS
	Ant1	6625	-3.21	3.46	0.25	≤22.00	2.00	2.25	≤24.00	PASS
	Ant2	6625	-2.93	3.33	0.40	≤22.10	1.90	2.30	≤24.00	PASS
	Ant1	6705	-3.01	3.46	0.45	≤22.00	2.00	2.45	≤24.00	PASS
	Ant2	6705	-2.46	3.33	0.87	≤22.10	1.90	2.77	≤24.00	PASS
	Ant1	6785	-3.62	3.46	-0.16	≤22.00	2.00	1.84	≤24.00	PASS
	Ant2	6785	-2.75	3.46	0.71	≤22.10	1.90	2.61	≤24.00	PASS
	Ant1	6865	-2.58	3.46	0.88	≤22.00	2.00	2.88	≤24.00	PASS
	Ant2	6865	-2.73	3.46	0.73	≤22.10	1.90	2.63	≤24.00	PASS
	Ant1	6945	-3.09	3.33	0.24	≤22.00	2.00	2.24	≤24.00	PASS
	Ant2	6945	-3.12	3.33	0.21	≤22.10	1.90	2.11	≤24.00	PASS
	Ant1	7025	-2.30	3.33	1.03	≤22.00	2.00	3.03	≤24.00	PASS
	Ant2	7025	-2.77	3.46	0.69	≤22.10	1.90	2.59	≤24.00	PASS