Appendix U-NII.A: Emission Bandwidth

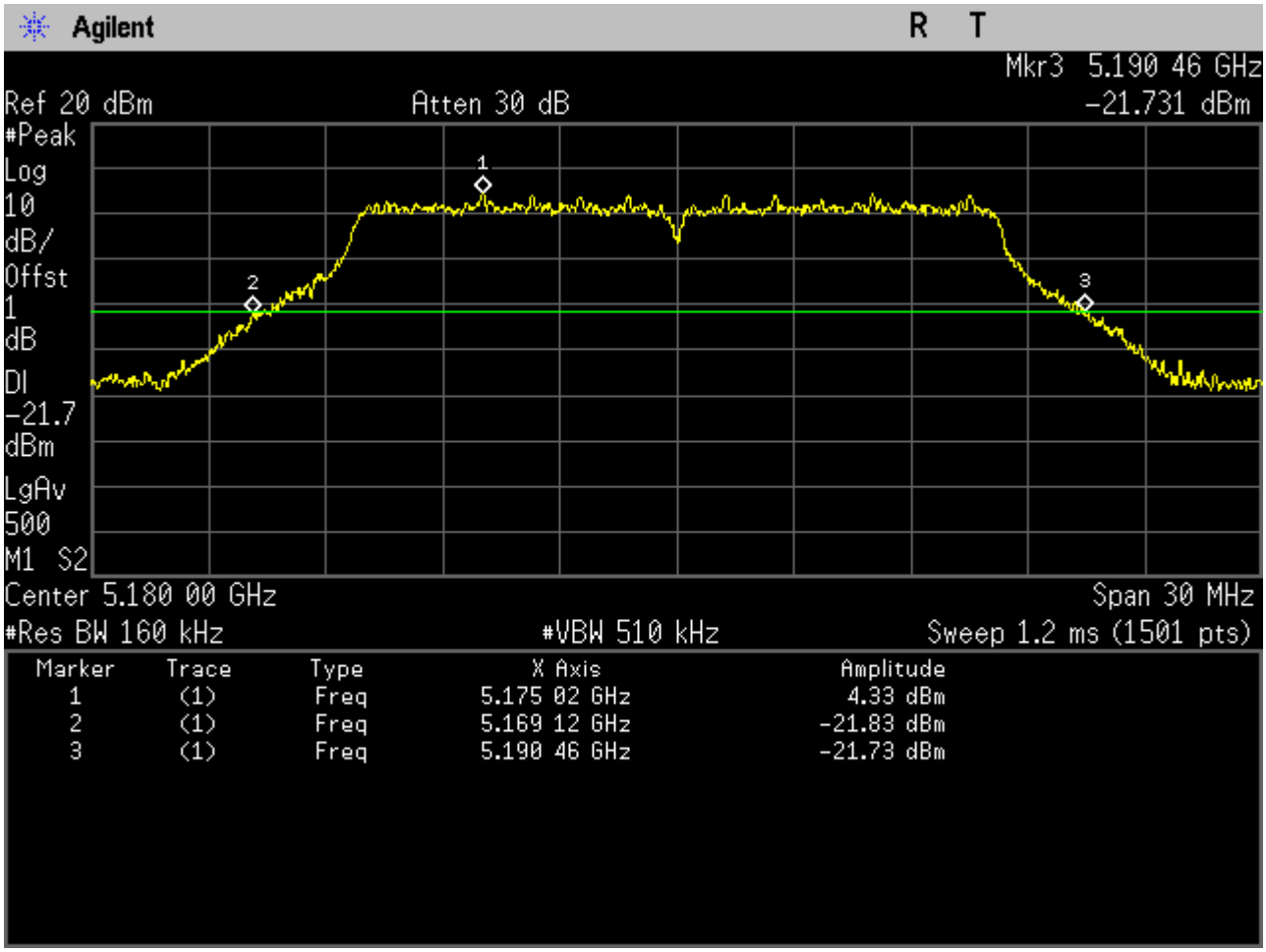
1 Result Table

Test Mode	Test Channel	Frequency[MHz]	Emission Bandwidth [MHz]	Verdict
11A	36	5180	21.34	pass
11A	40	5200	21.42	pass
11A	48	5240	21.36	pass
11A	52	5260	20.92	pass
11A	56	5280	21.26	pass
11A	64	5320	21.02	pass
11A	100	5500	21.72	pass
11A	116	5580	20.94	pass
11A	140	5700	21.24	pass
11N20	36	5180	21.58	pass
11N20	40	5200	21.68	pass
11N20	48	5240	21.44	pass
11N20	52	5260	21.68	pass
11N20	56	5280	21.52	pass
11N20	64	5320	21.40	pass
11N20	100	5500	21.64	pass
11N20	116	5580	21.46	pass
11N20	140	5700	21.40	pass
11N40	38	5190	42.84	pass
11N40	46	5230	43.38	pass
11N40	54	5270	42.42	pass
11N40	62	5310	42.98	pass
11N40	102	5510	43.08	pass
11N40	110	5550	42.7	pass
11N40	134	5670	42.84	pass
11AC20	36	5180	21.26	pass
11AC20	40	5200	21.26	pass
11AC20	48	5240	21.30	pass
11AC20	52	5260	21.20	pass
11AC20	56	5280	21.28	pass
11AC20	64	5320	21.30	pass
11AC20	100	5500	21.22	pass
11AC20	116	5580	21.30	pass
11AC20	140	5700	21.18	pass
11AC40	38	5190	42.26	pass
11AC40	46	5230	42.02	pass

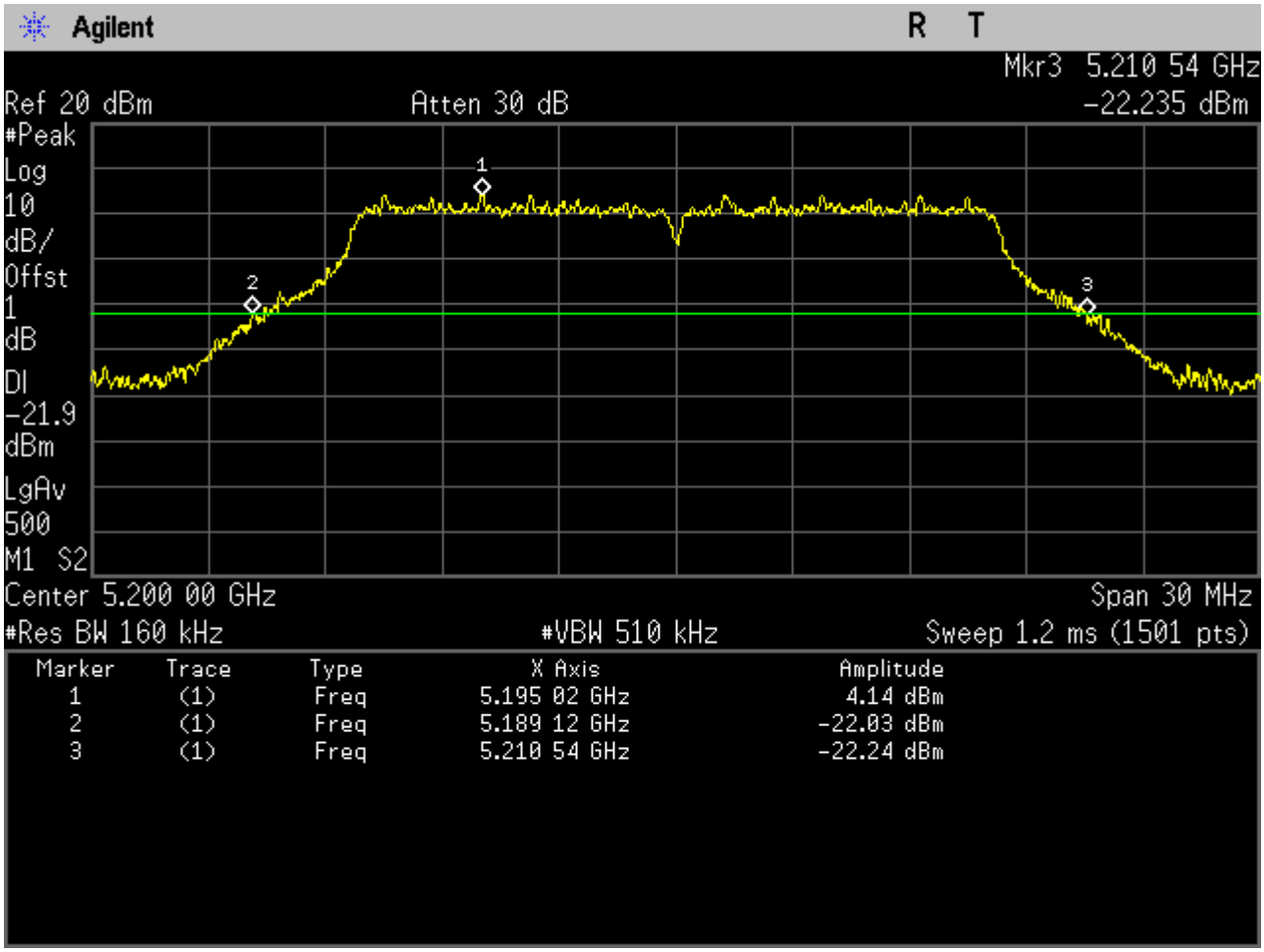
Test Mode	Test Channel	Frequency[MHz]	Emission Bandwidth [MHz]	Verdict
11AC40	54	5270	42.40	pass
11AC40	62	5310	42.34	pass
11AC40	102	5510	42.38	pass
11AC40	110	5550	42.08	pass
11AC40	134	5670	42.12	pass
11AC80	42	5210	83.46	pass
11AC80	58	5290	83.76	pass
11AC80	106	5530	83.76	pass

2 Test Plot

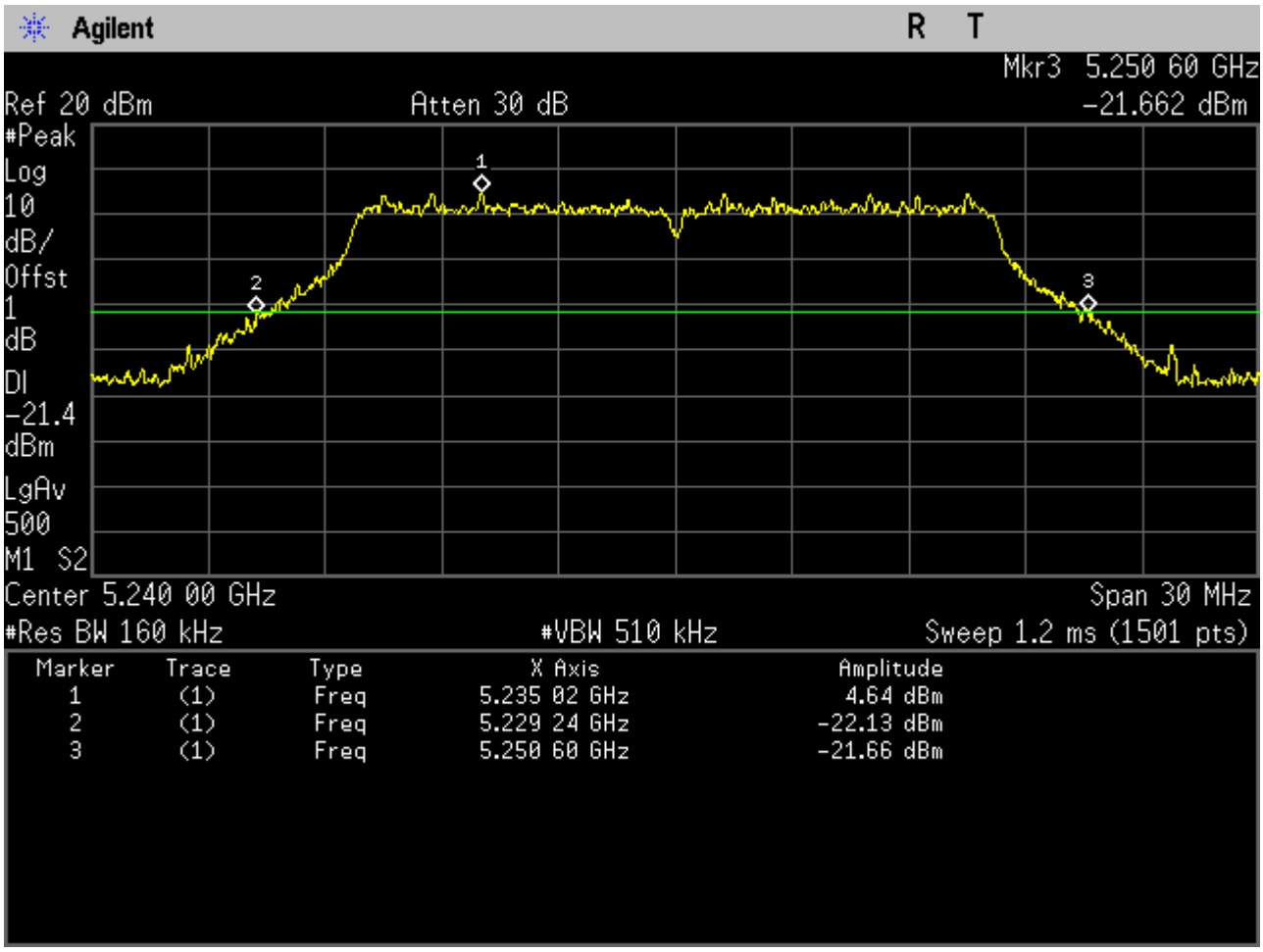
2.1 11A_36



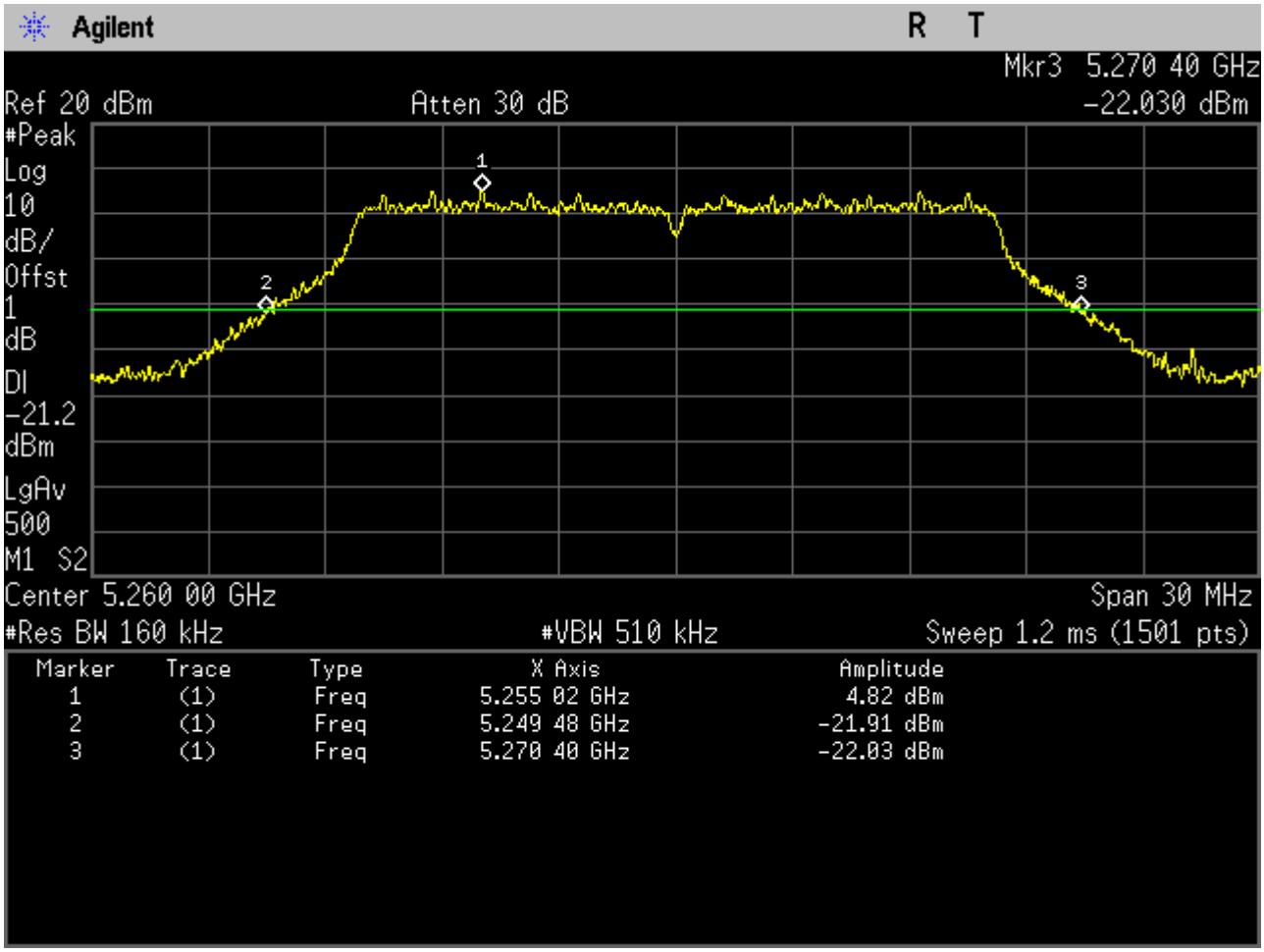
2.2 11A_40



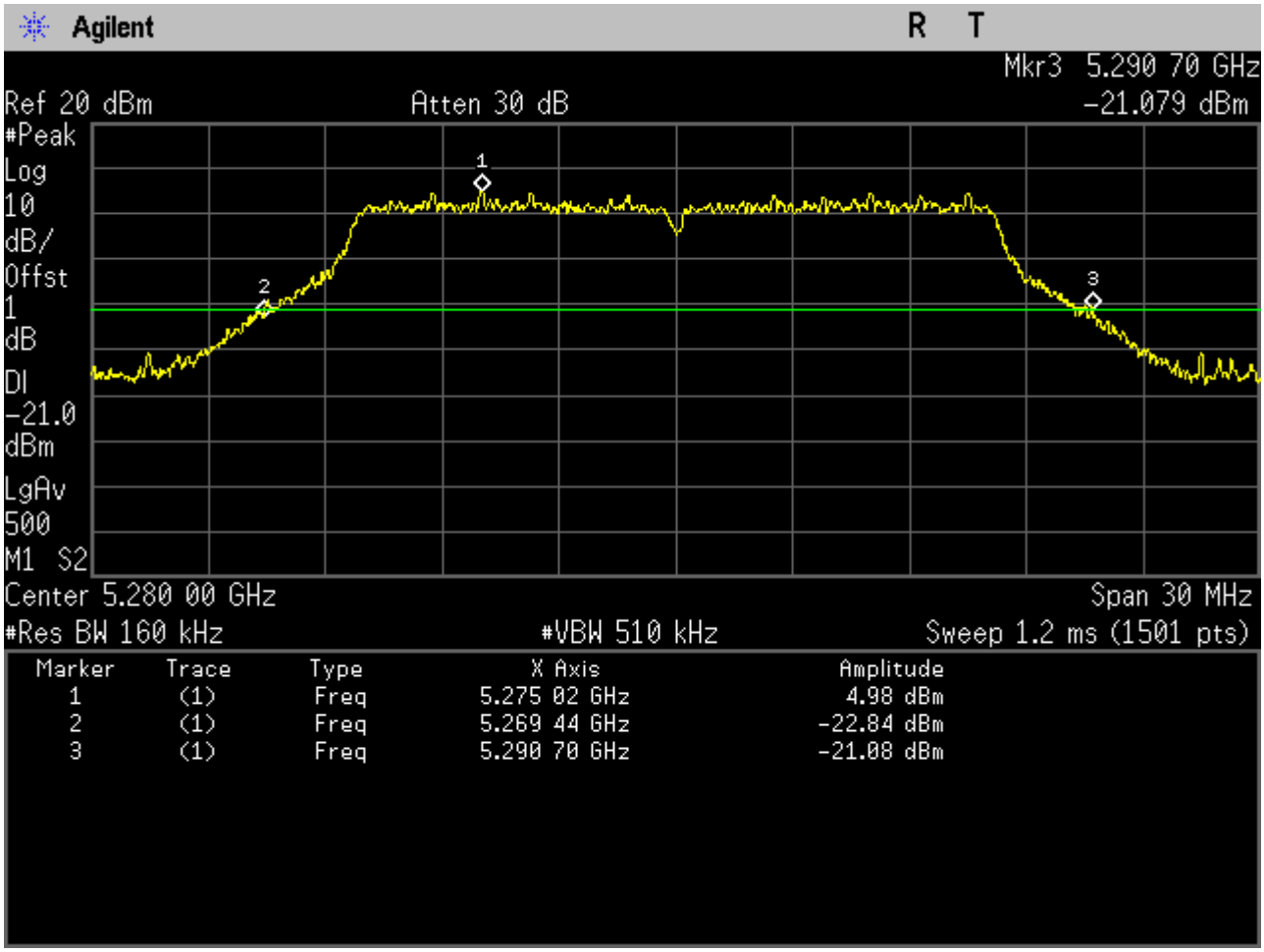
2.3 11A_48



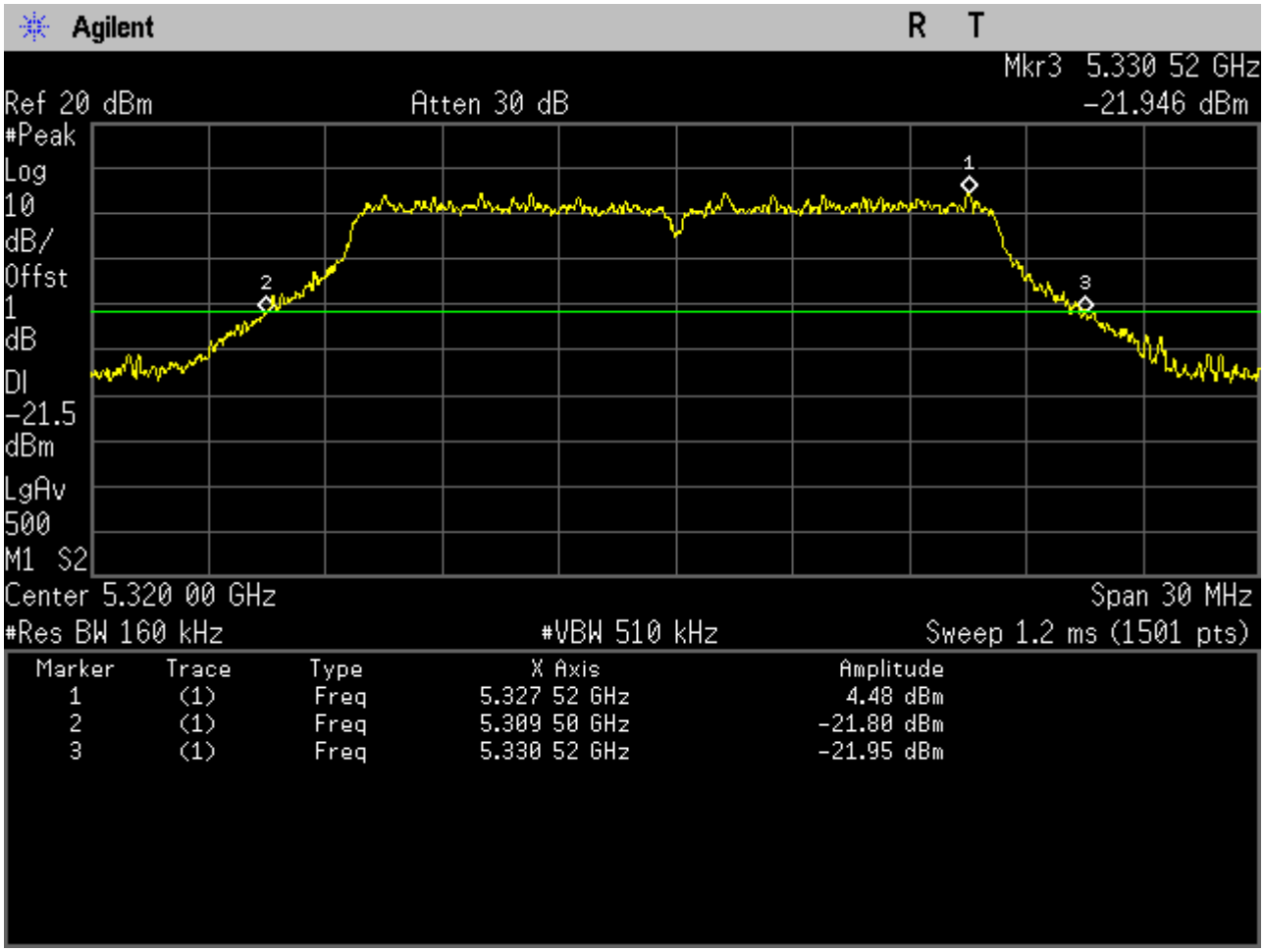
2.4 11A_52



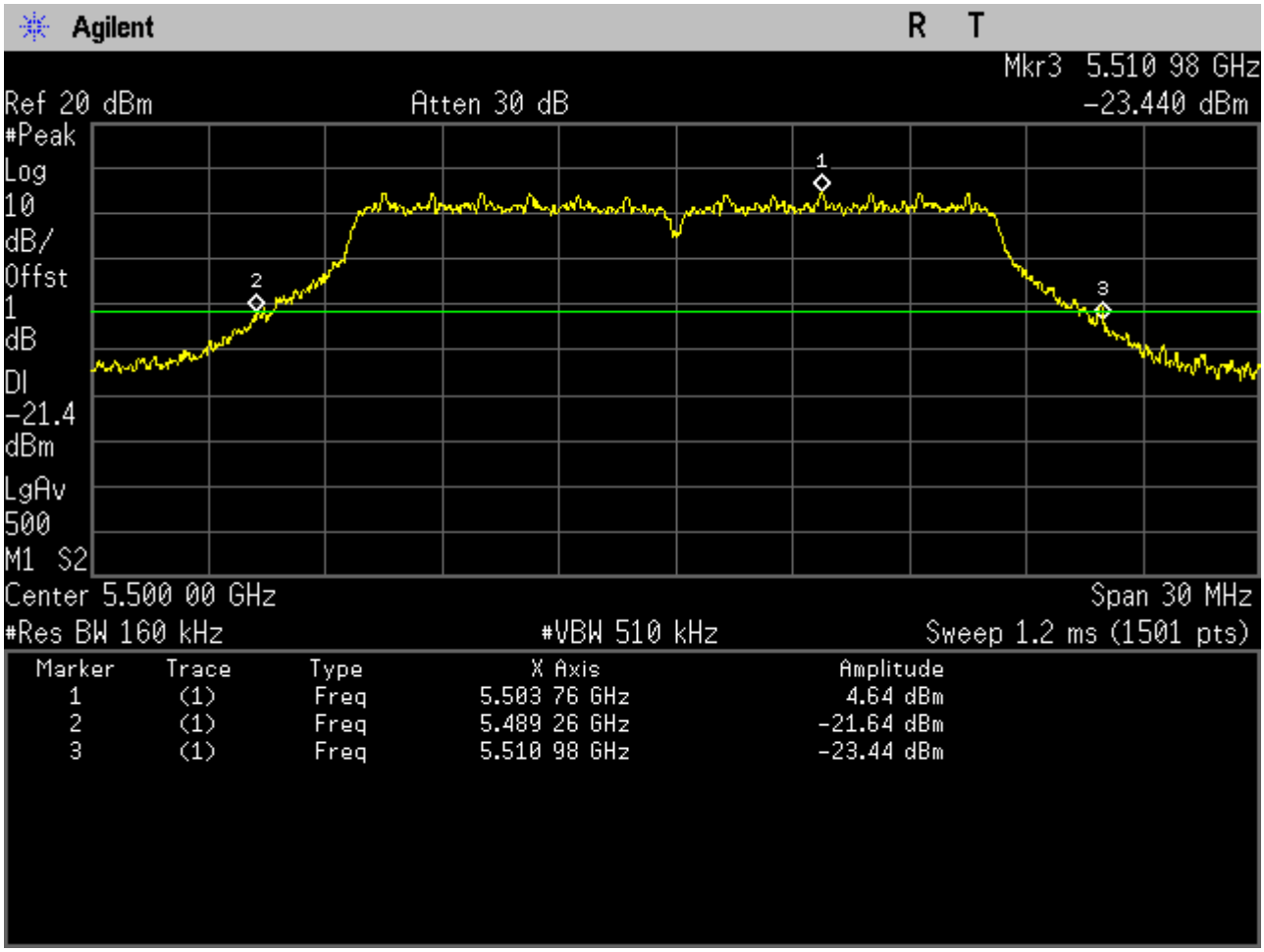
2.5 11A_56



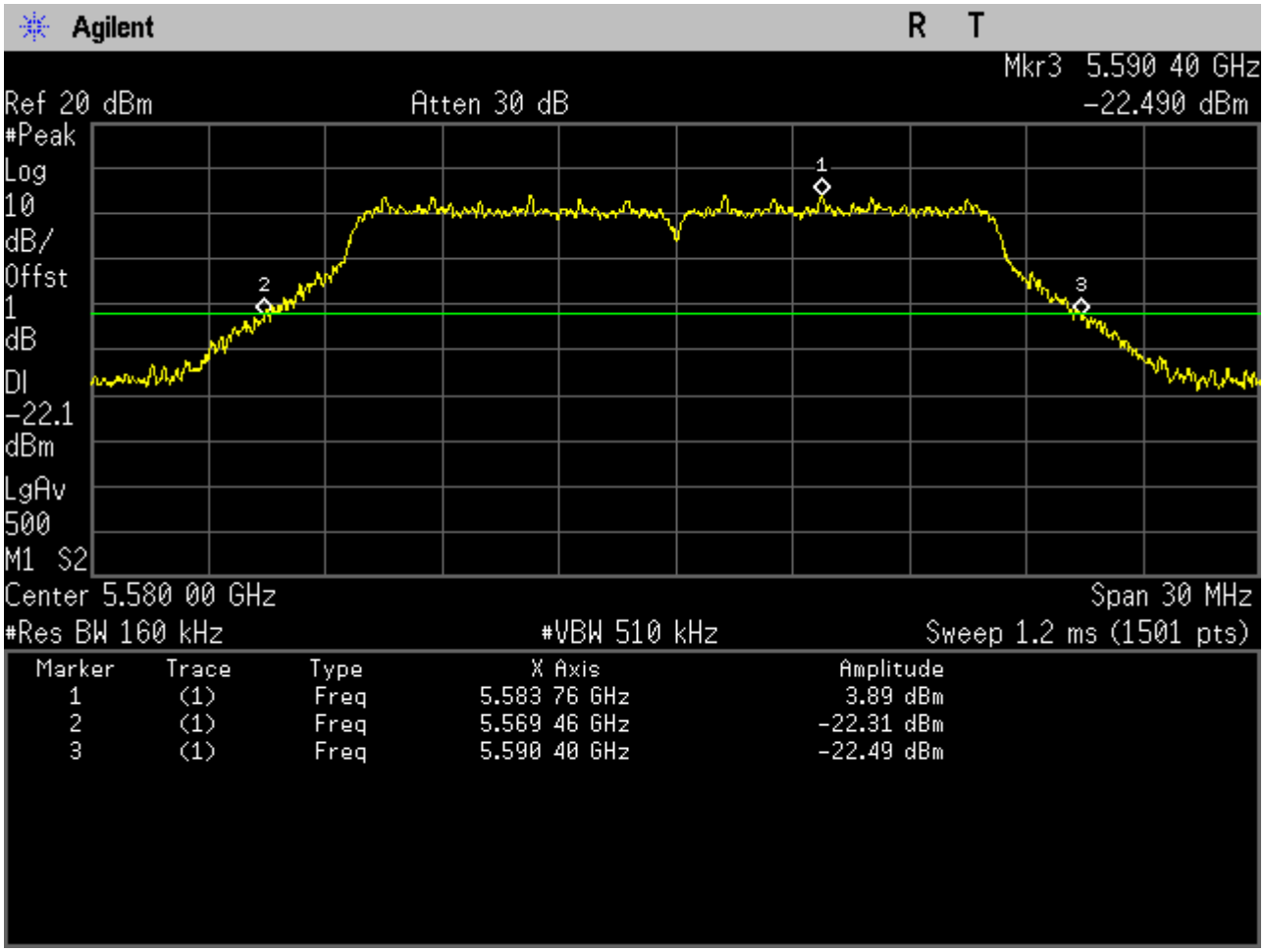
2.6 11A_64



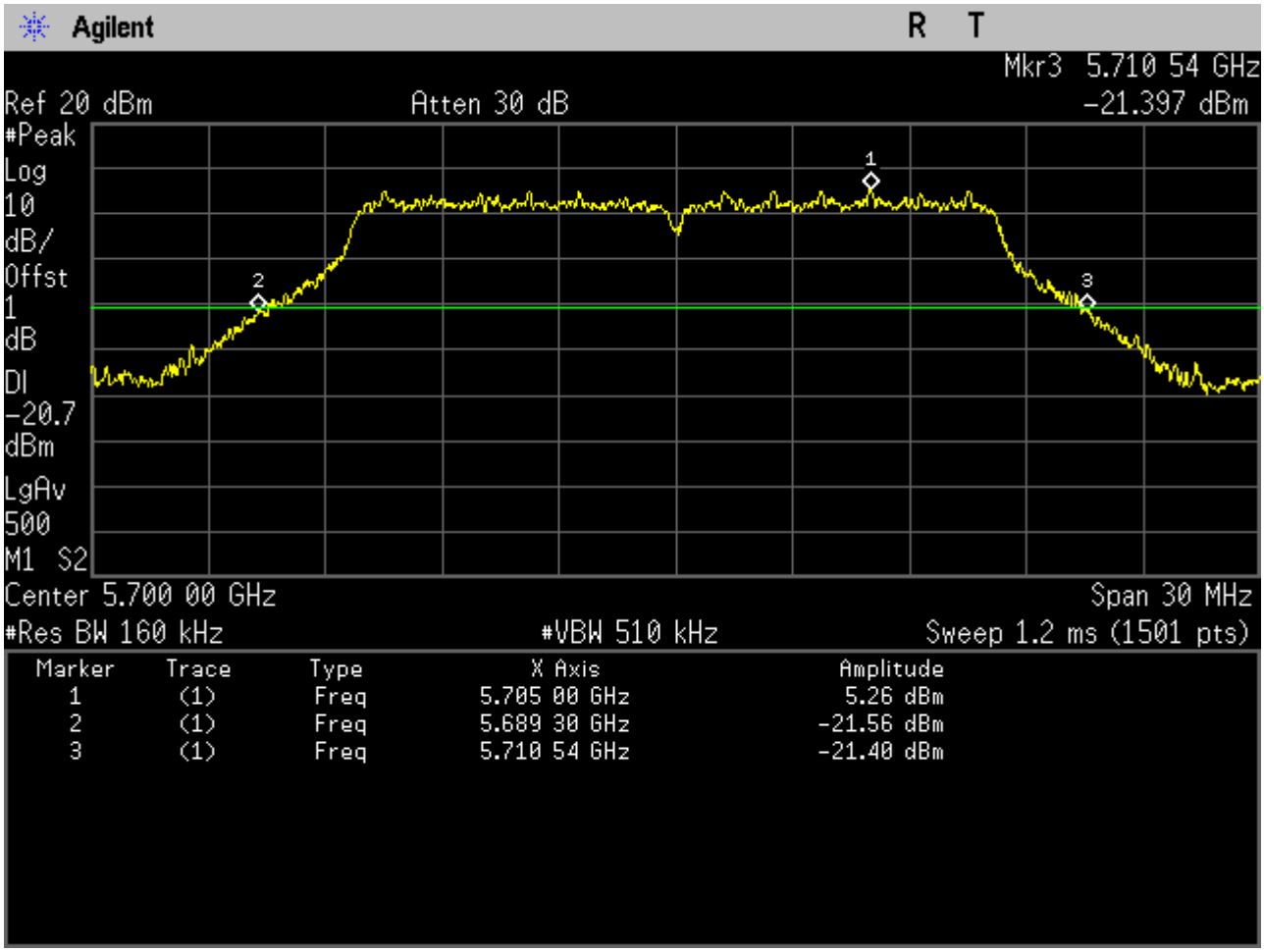
2.7 11A_100



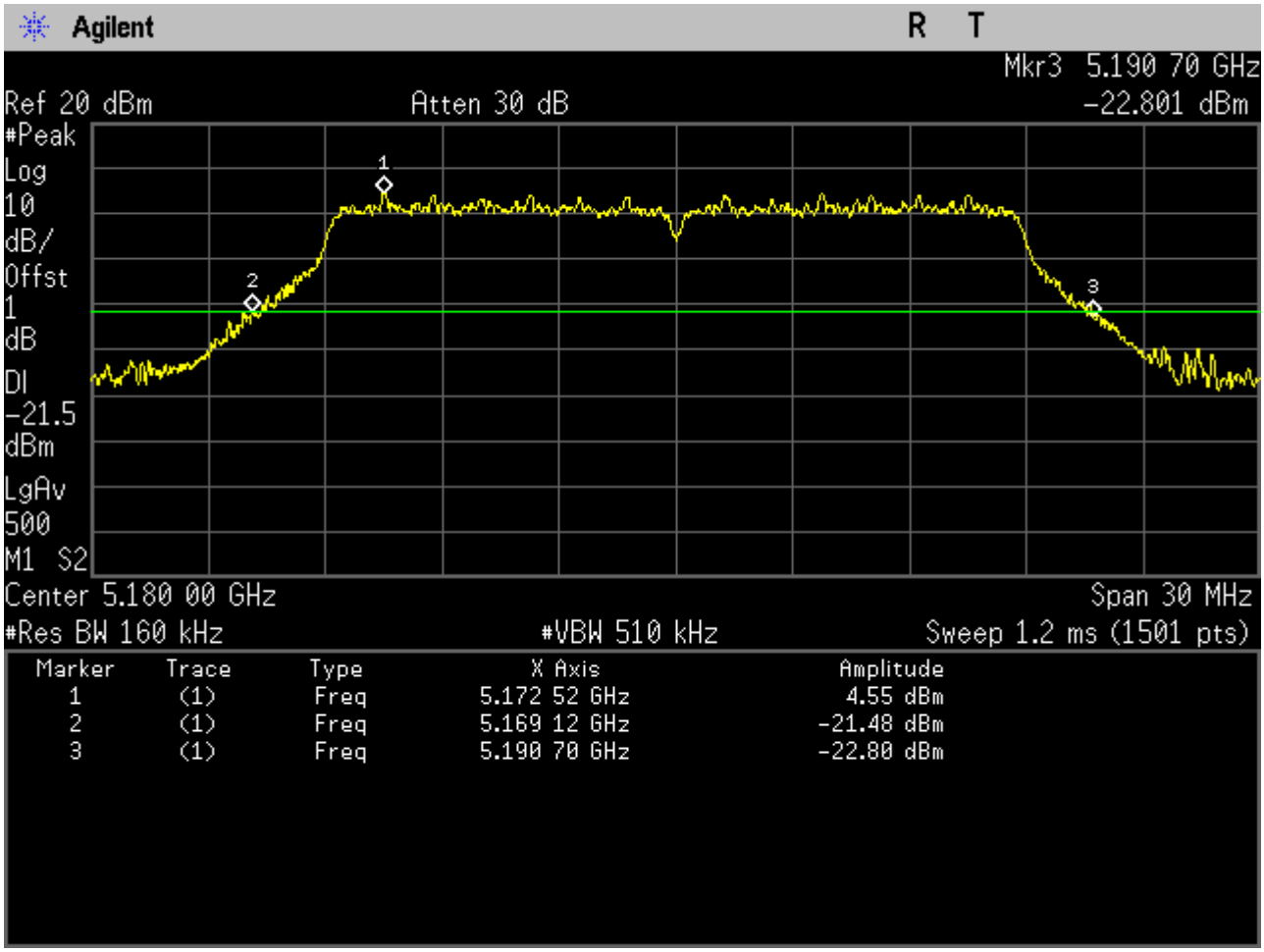
2.8 11A_116



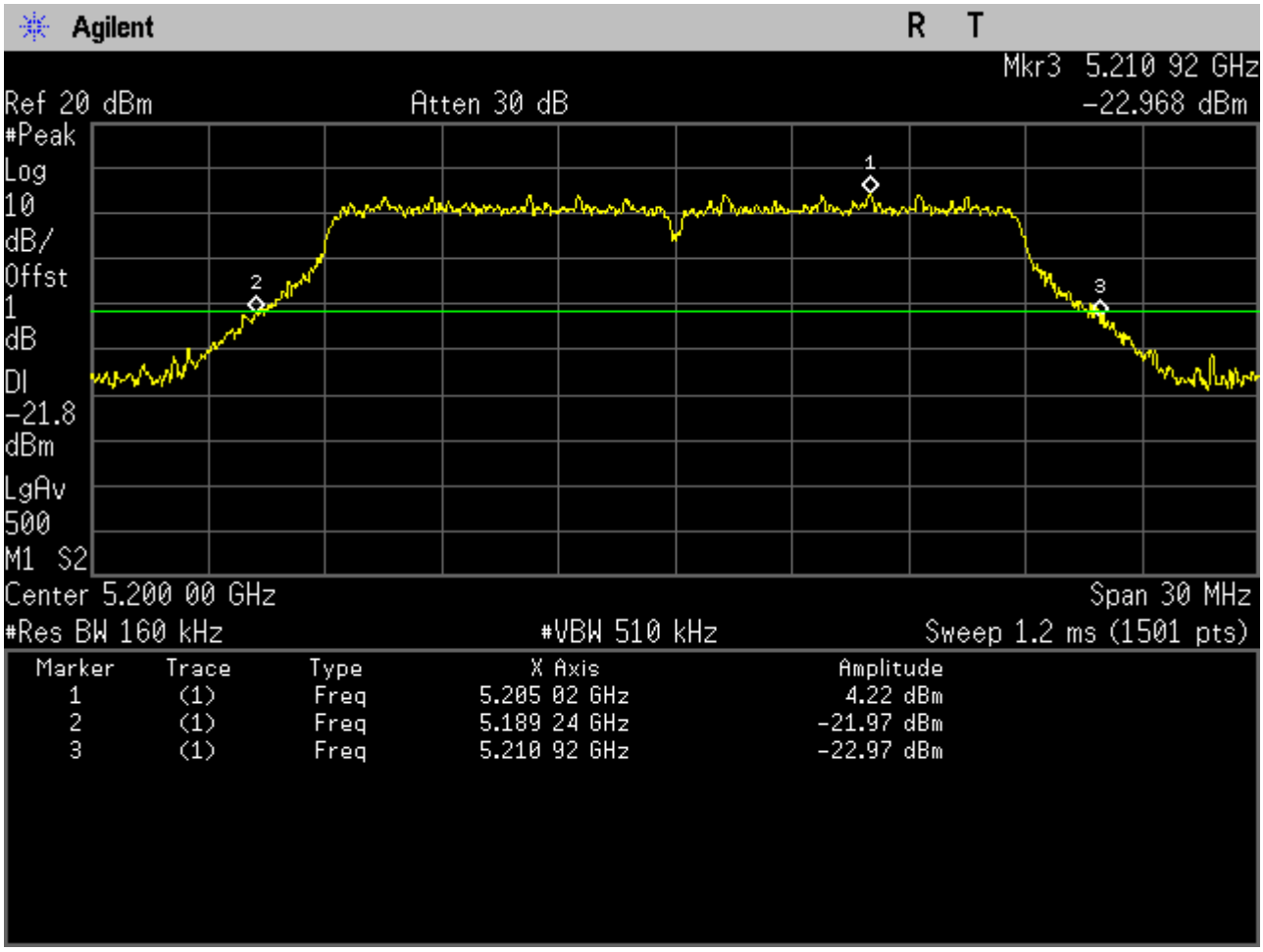
2.9 11A_140



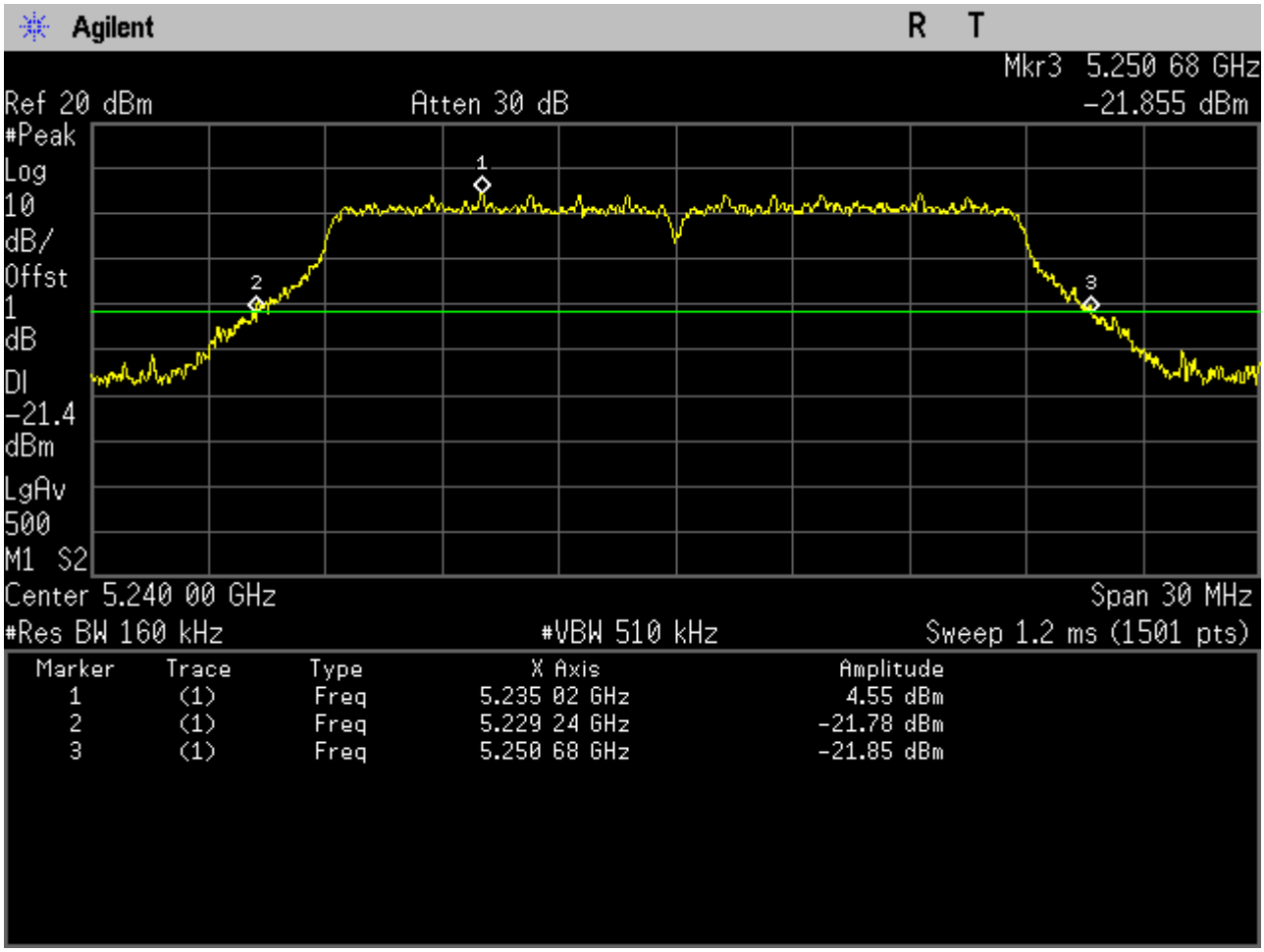
2.1011N20_36



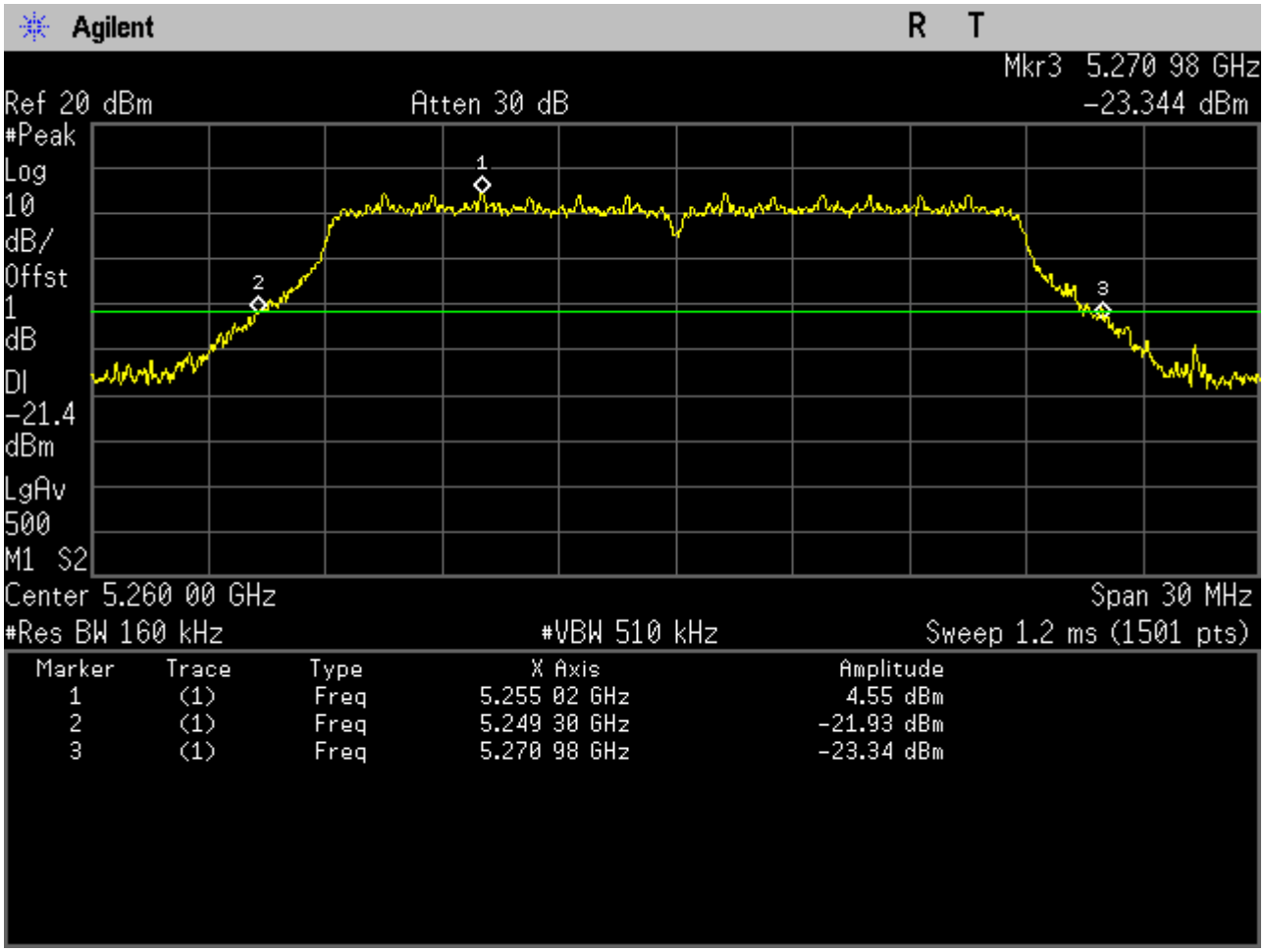
2.1111N20_40



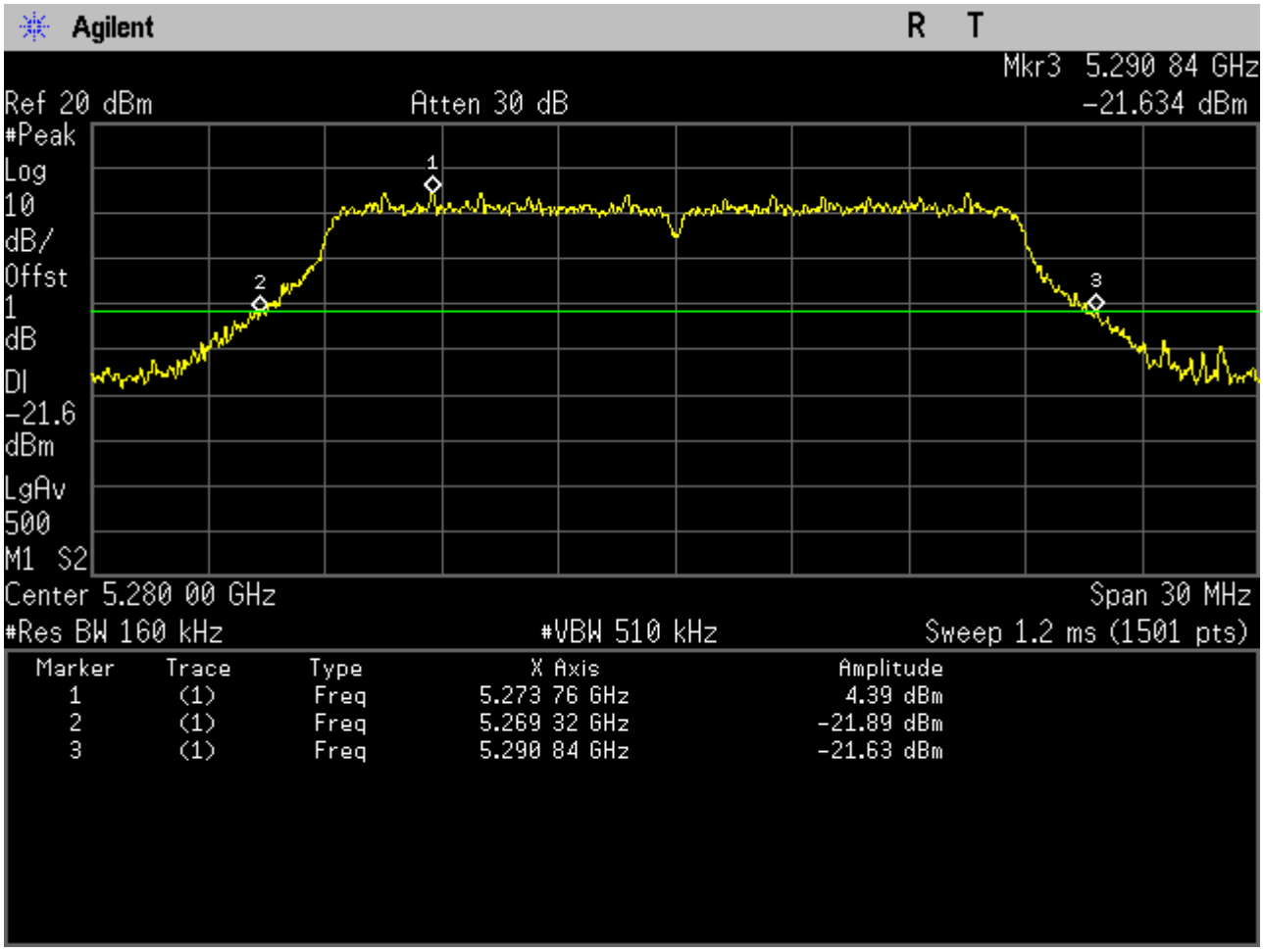
2.1211N20_48



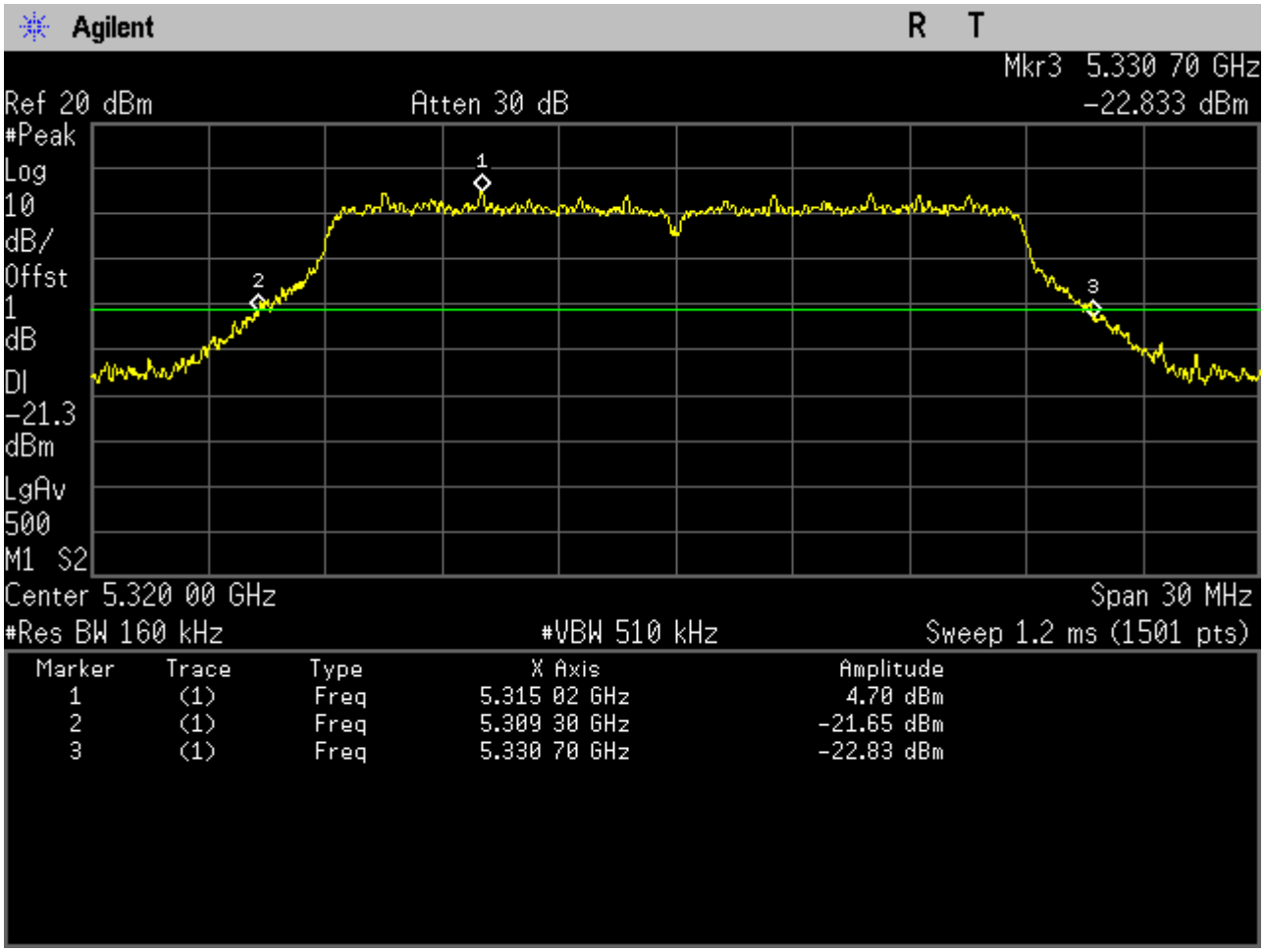
2.1311N20_52



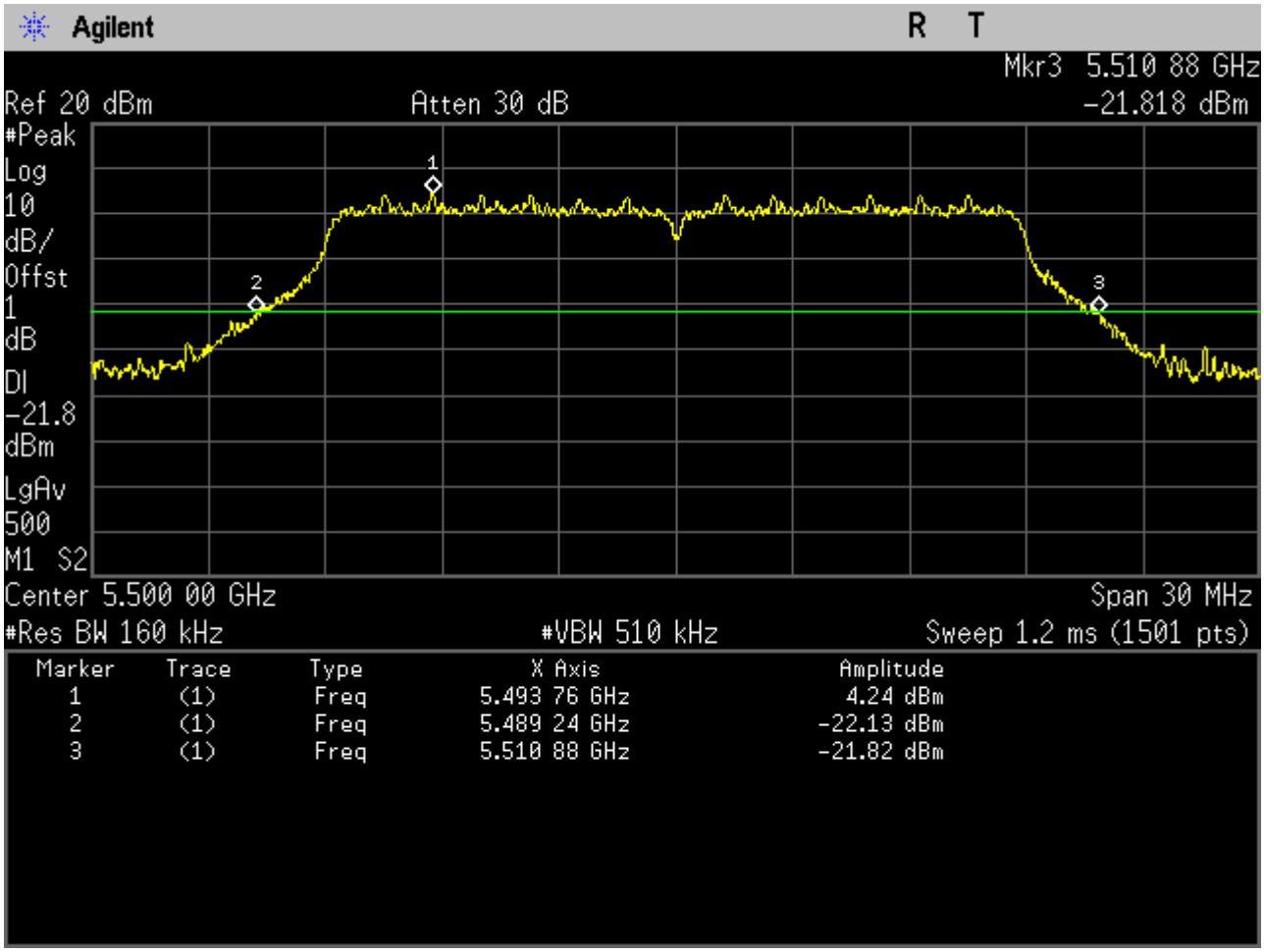
2.1411N20_56



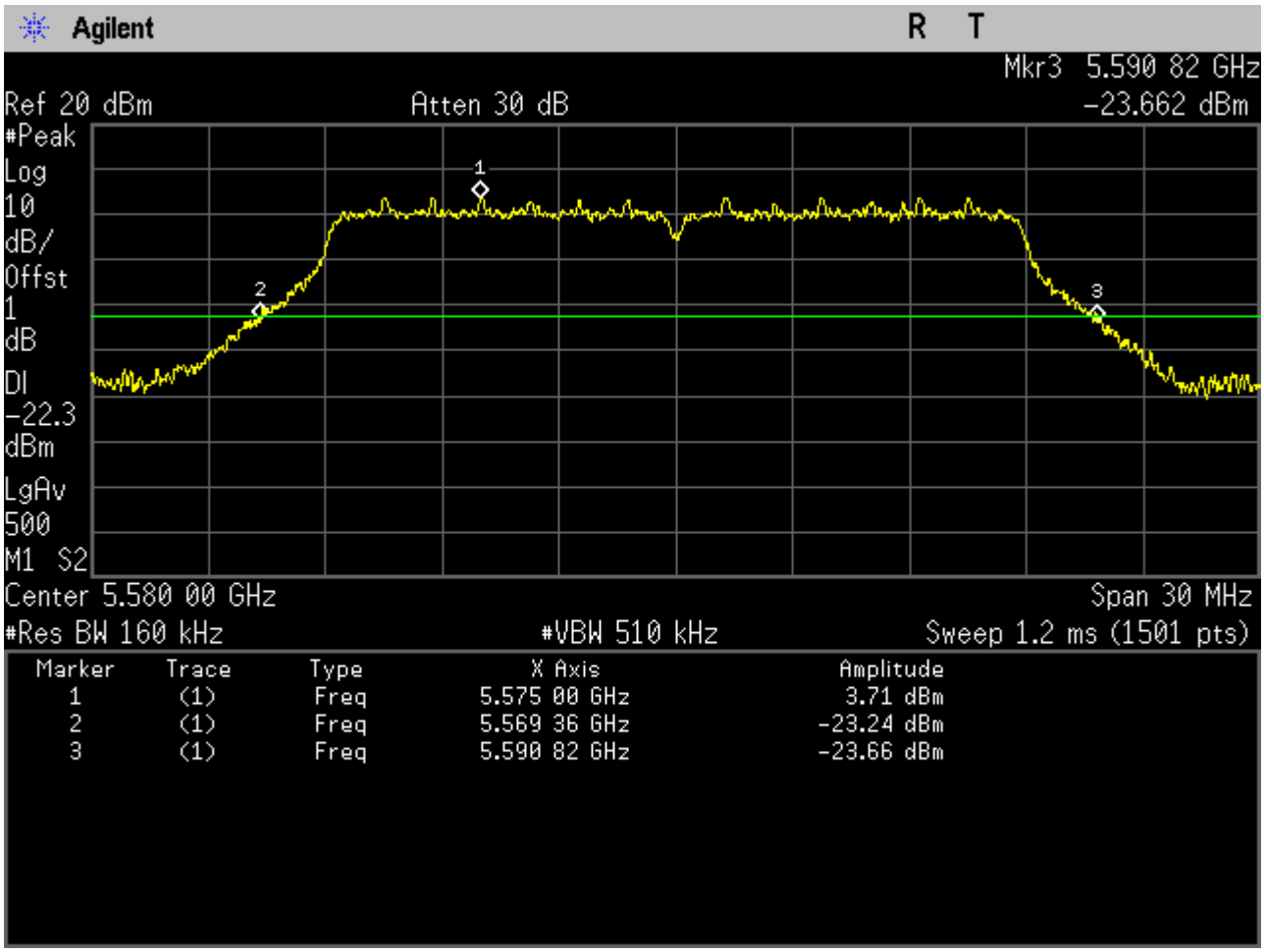
2.1511N20_64



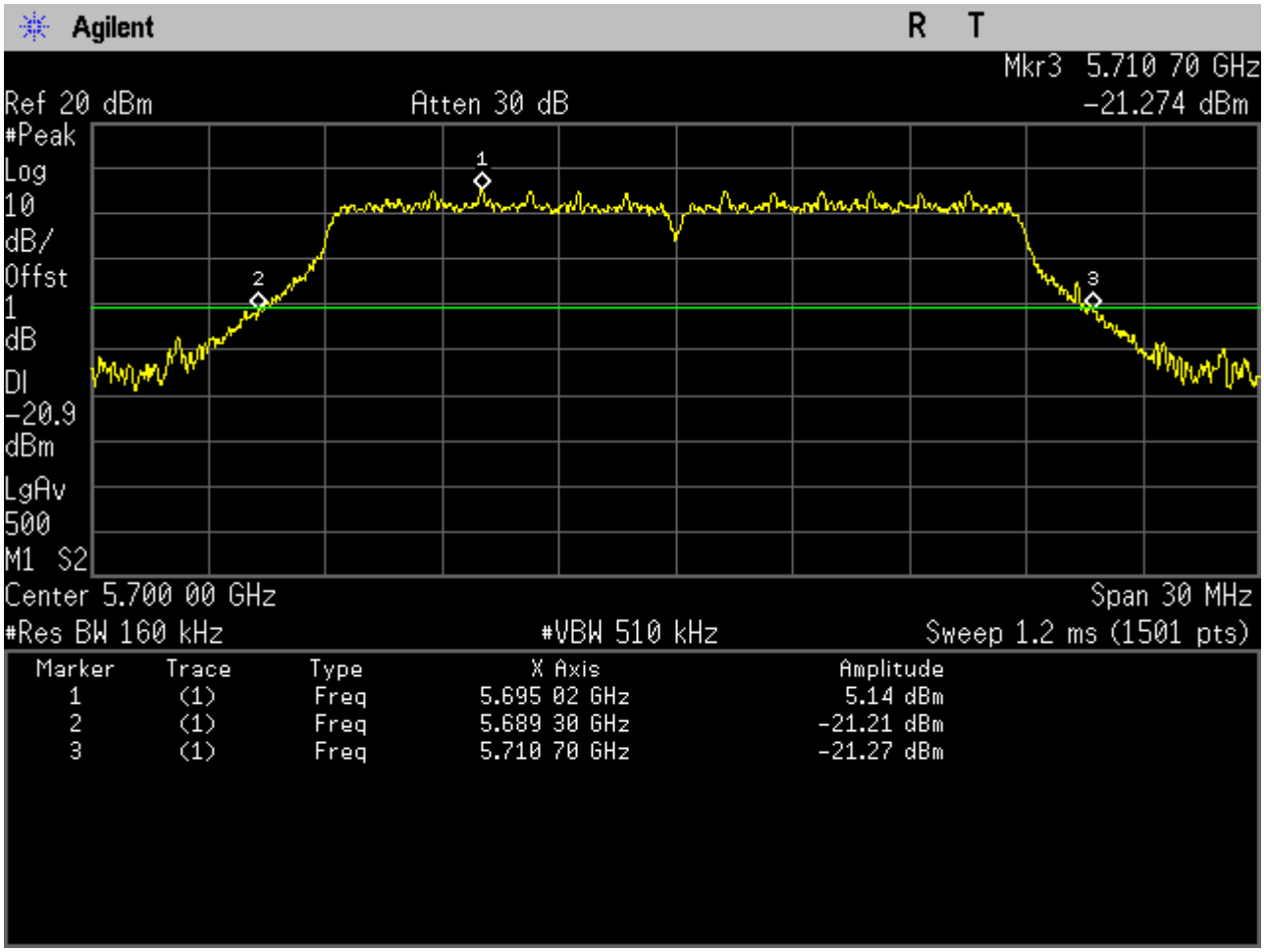
2.1611N20_100



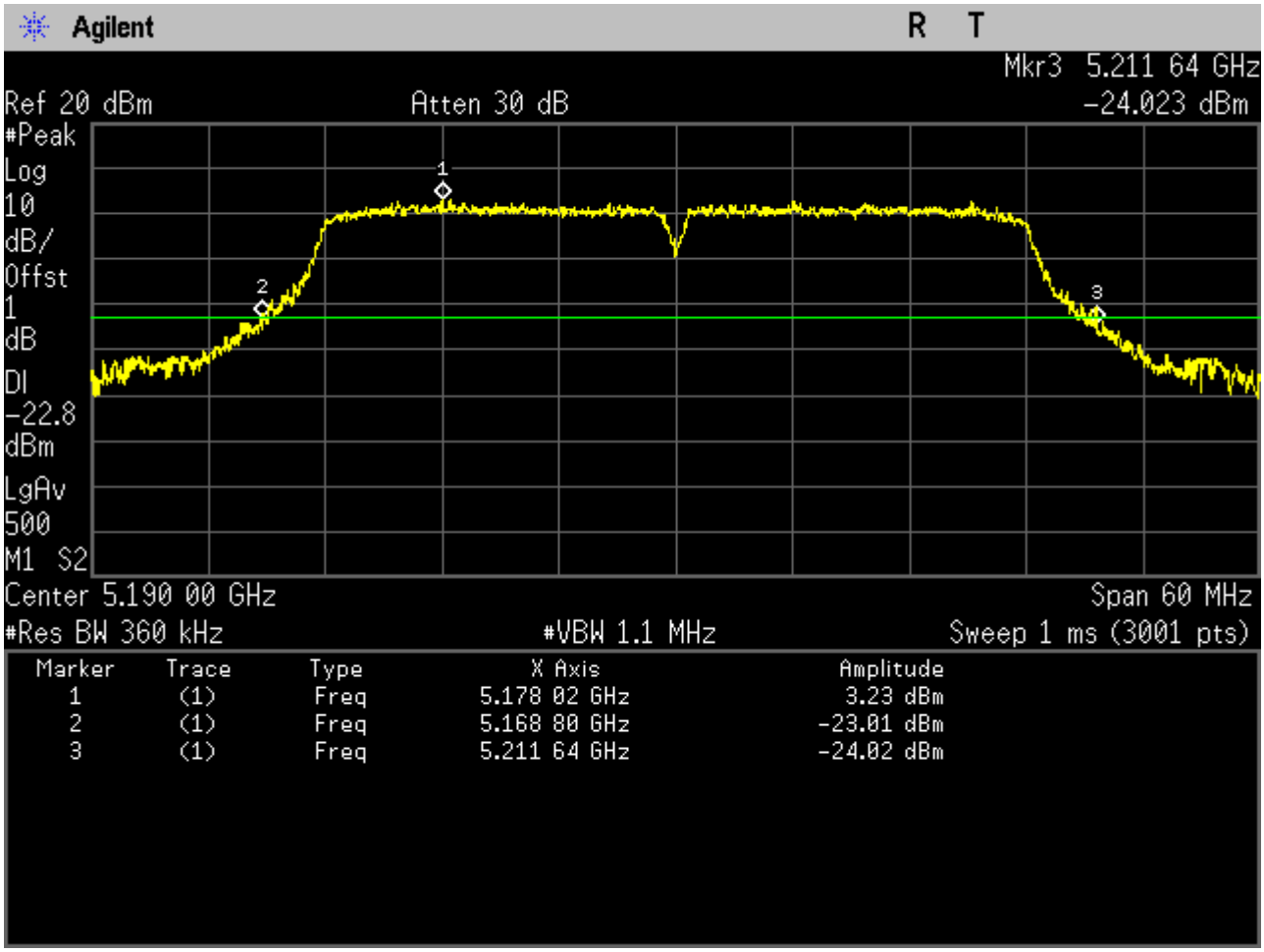
2.1711N20_116



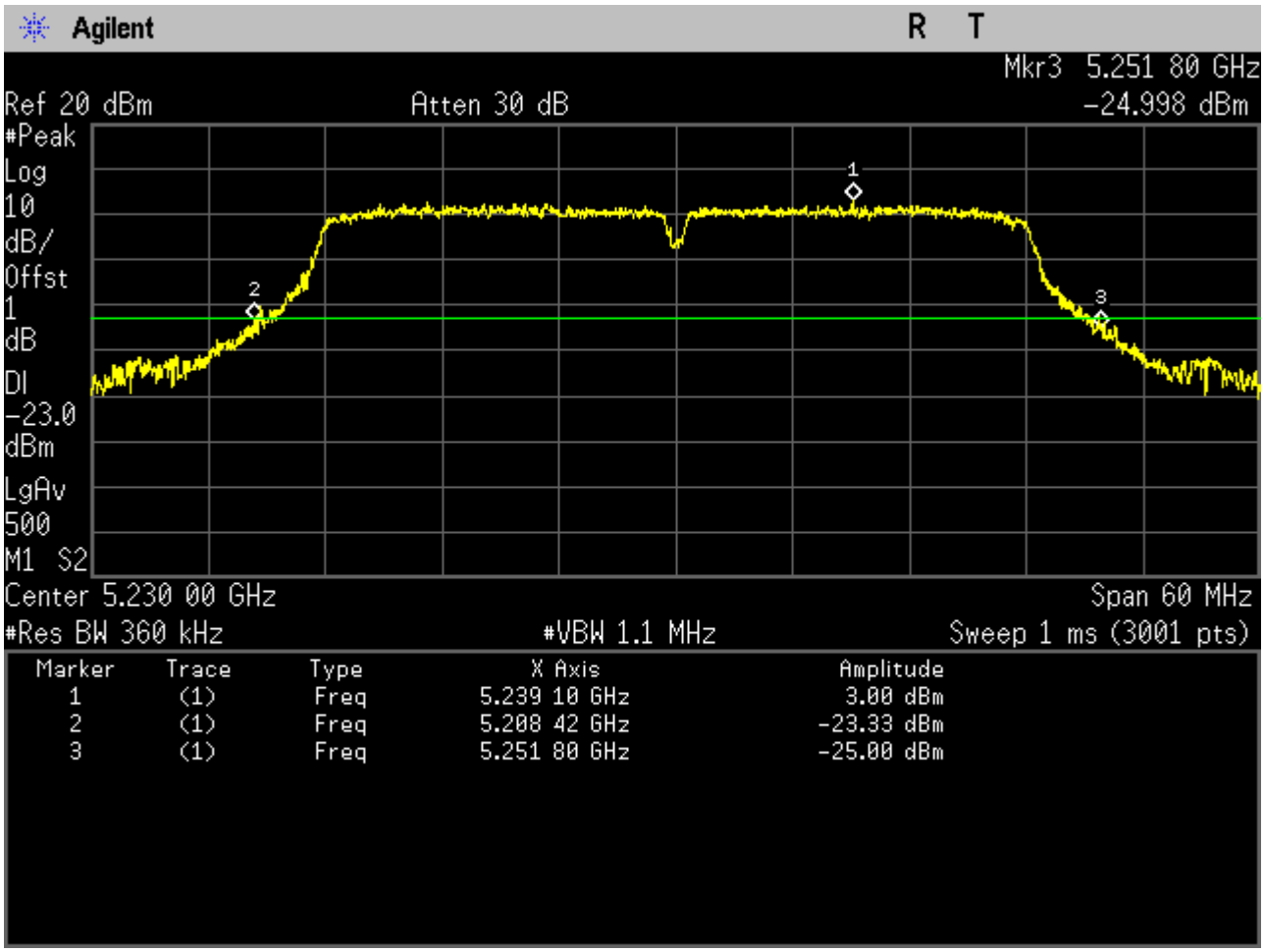
2.1811N20_140



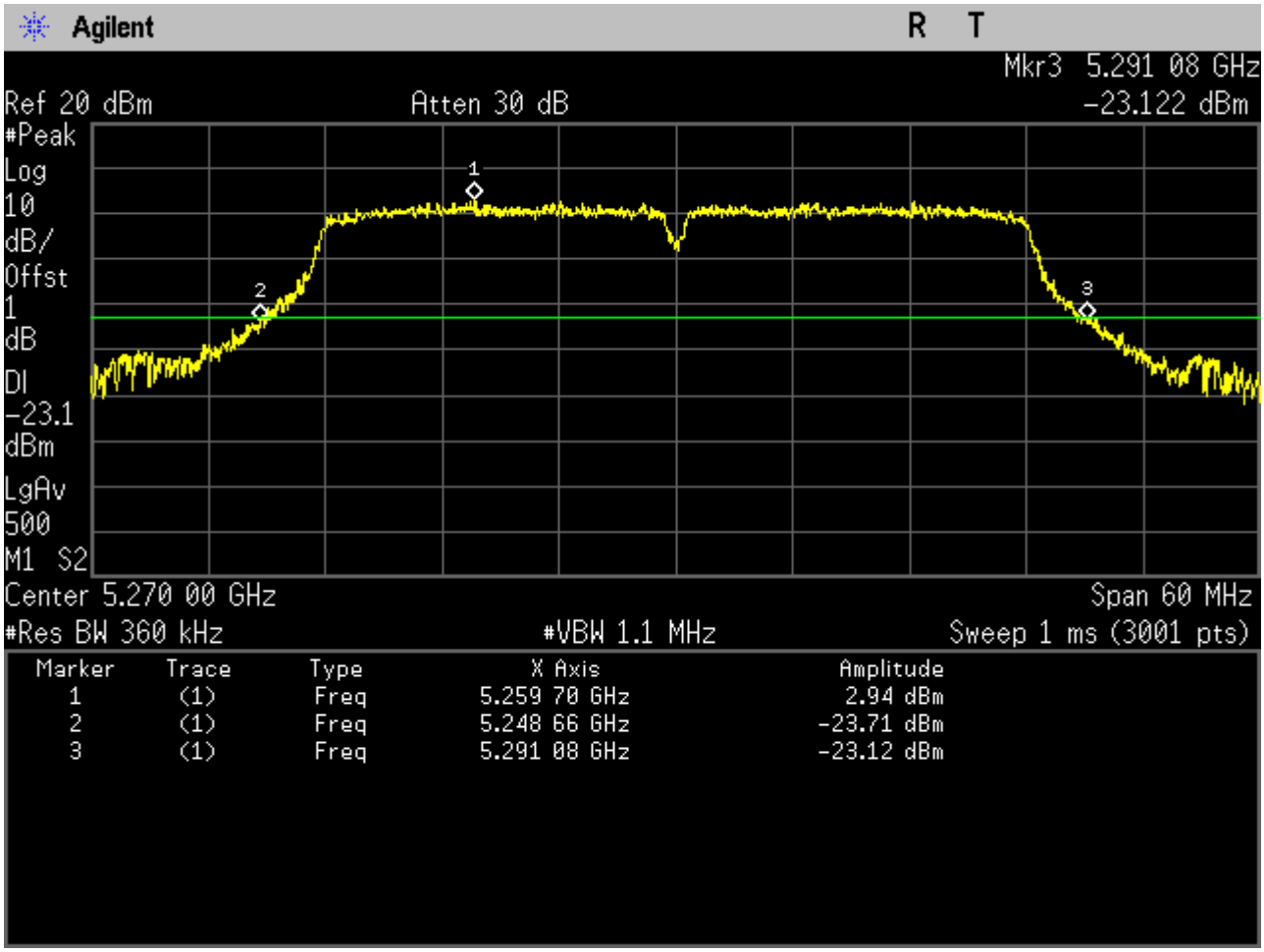
2.1911N40_38



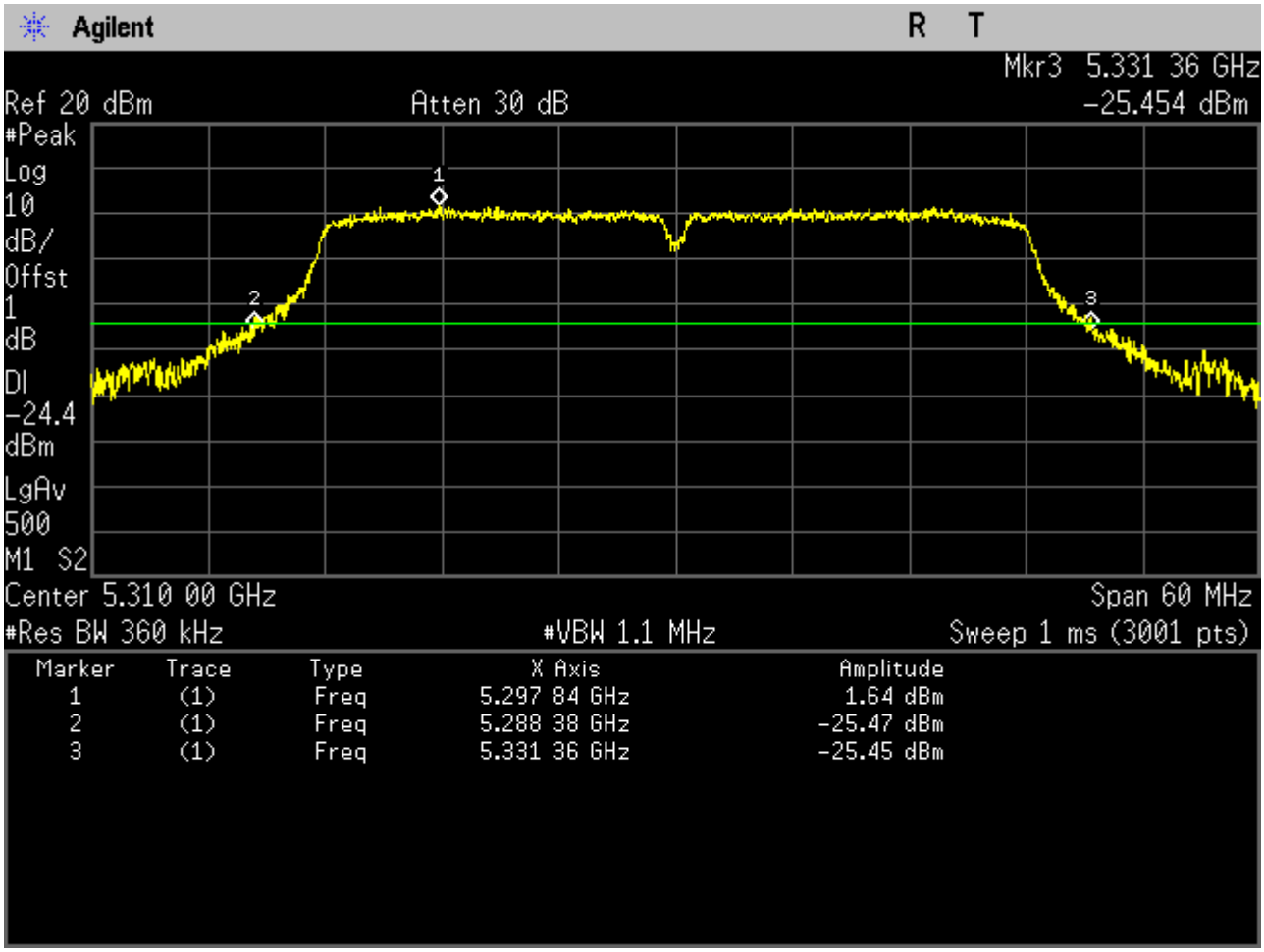
2.2011N40_46



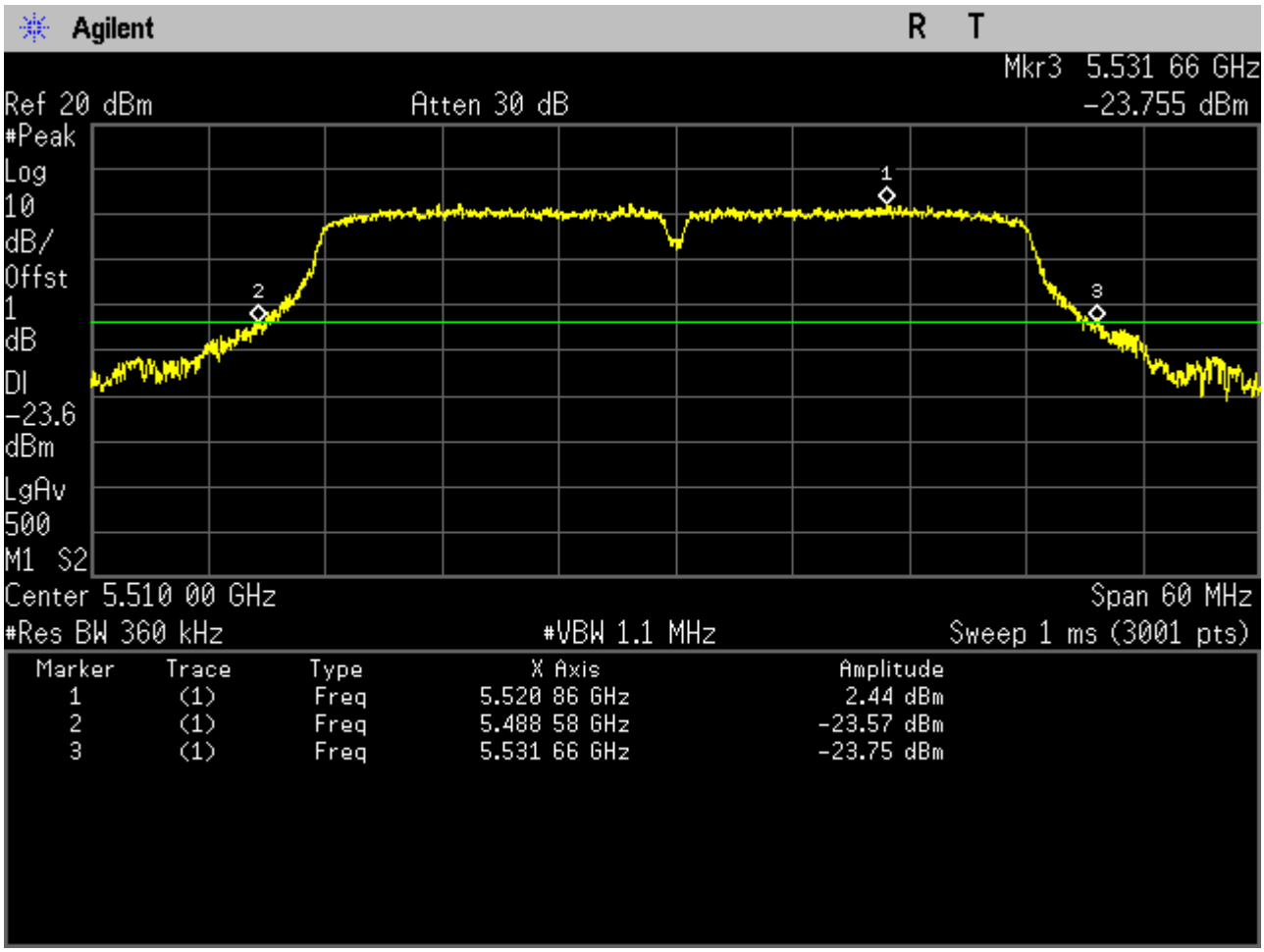
2.2111N40_54



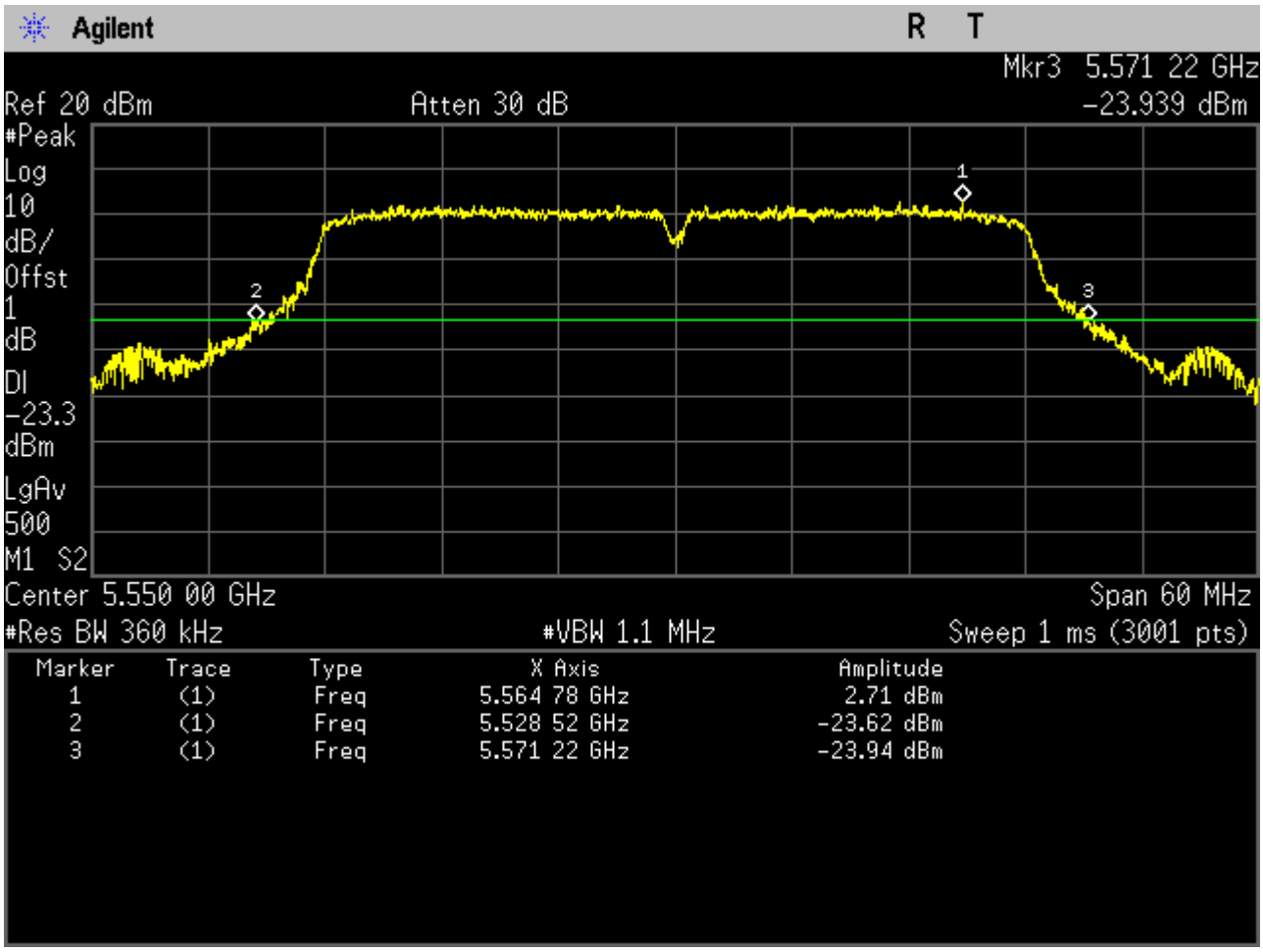
2.2211N40_62



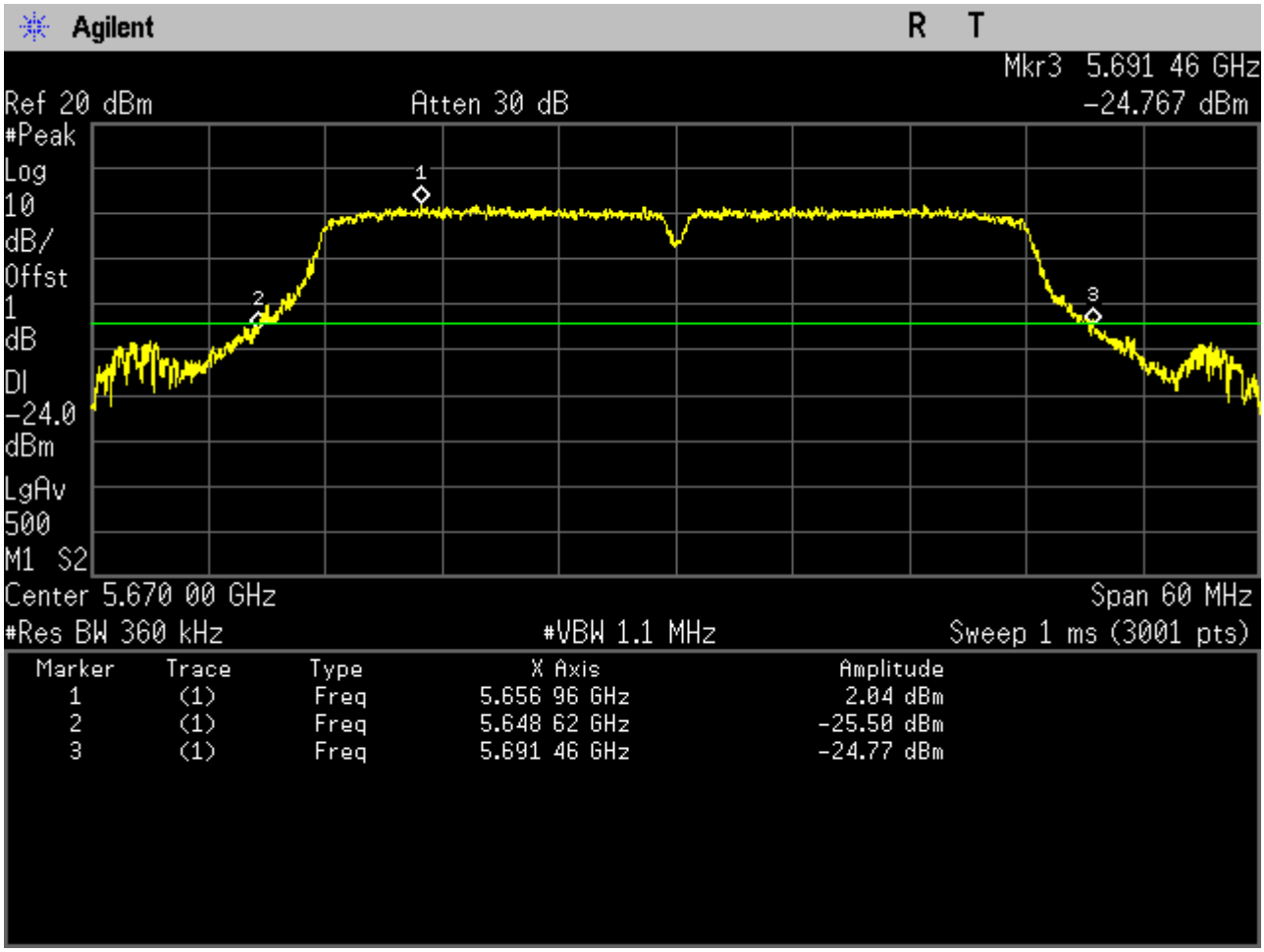
2.2311N40_102



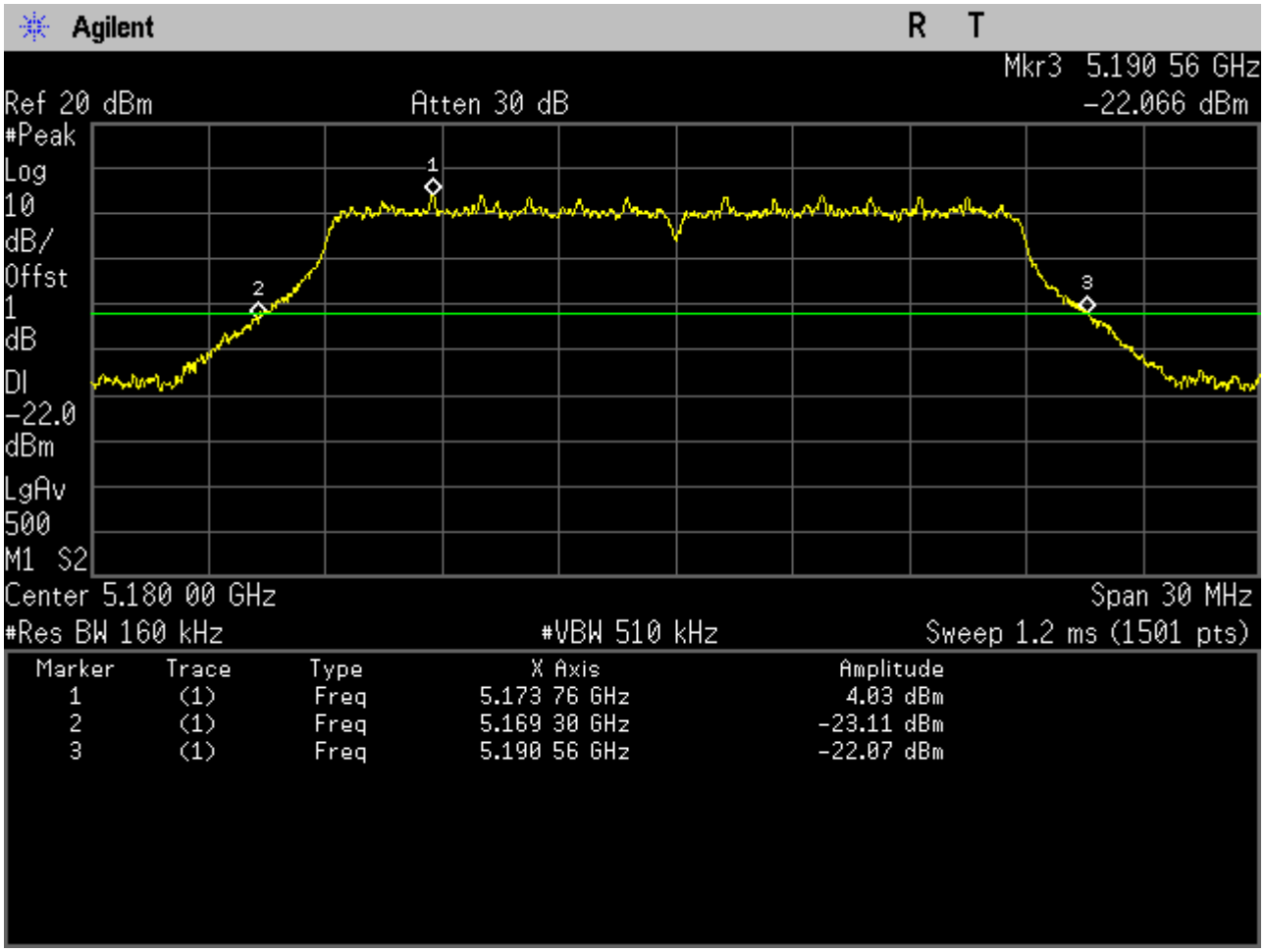
2.2411N40_110



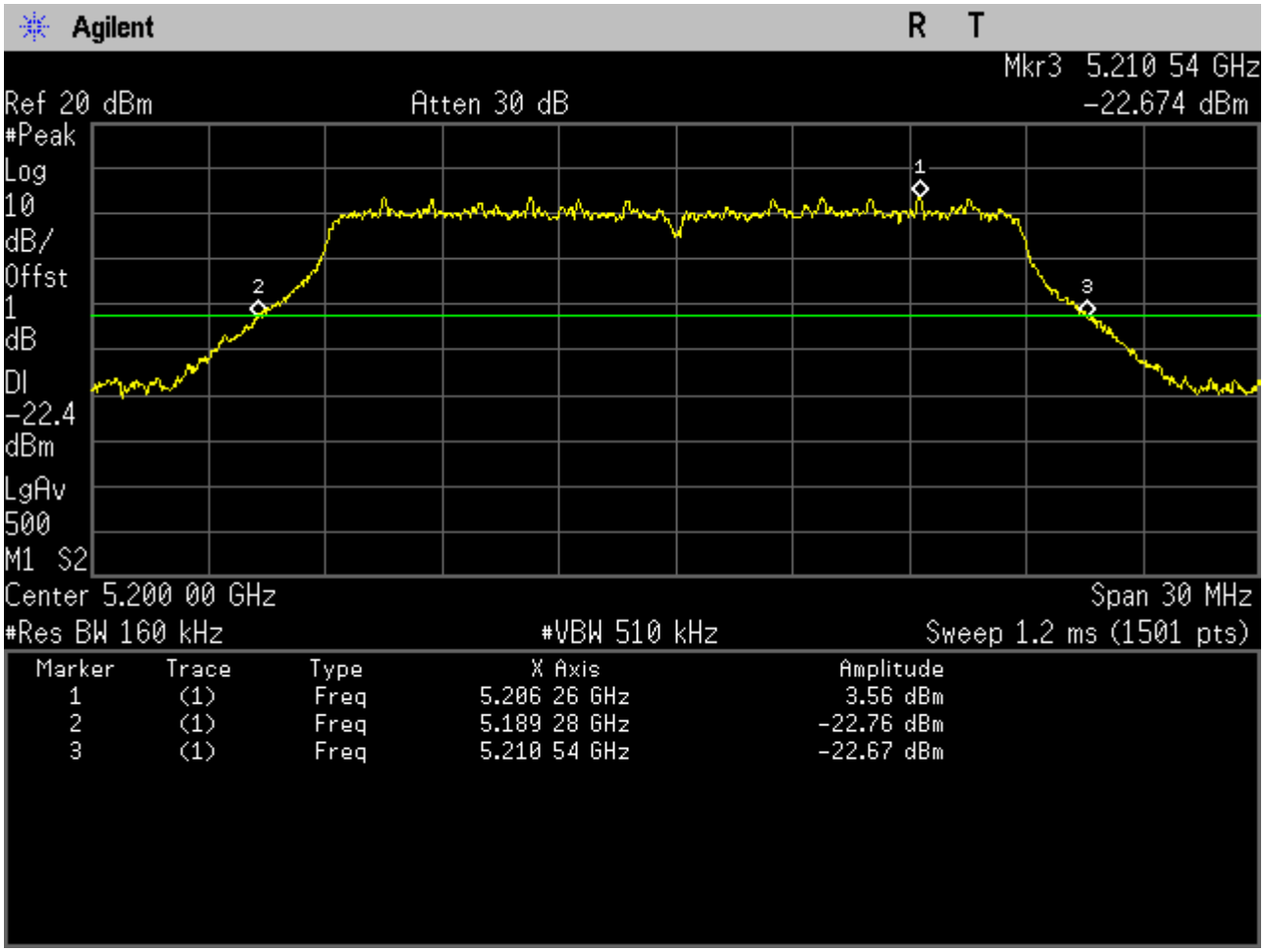
2.2511N40_134



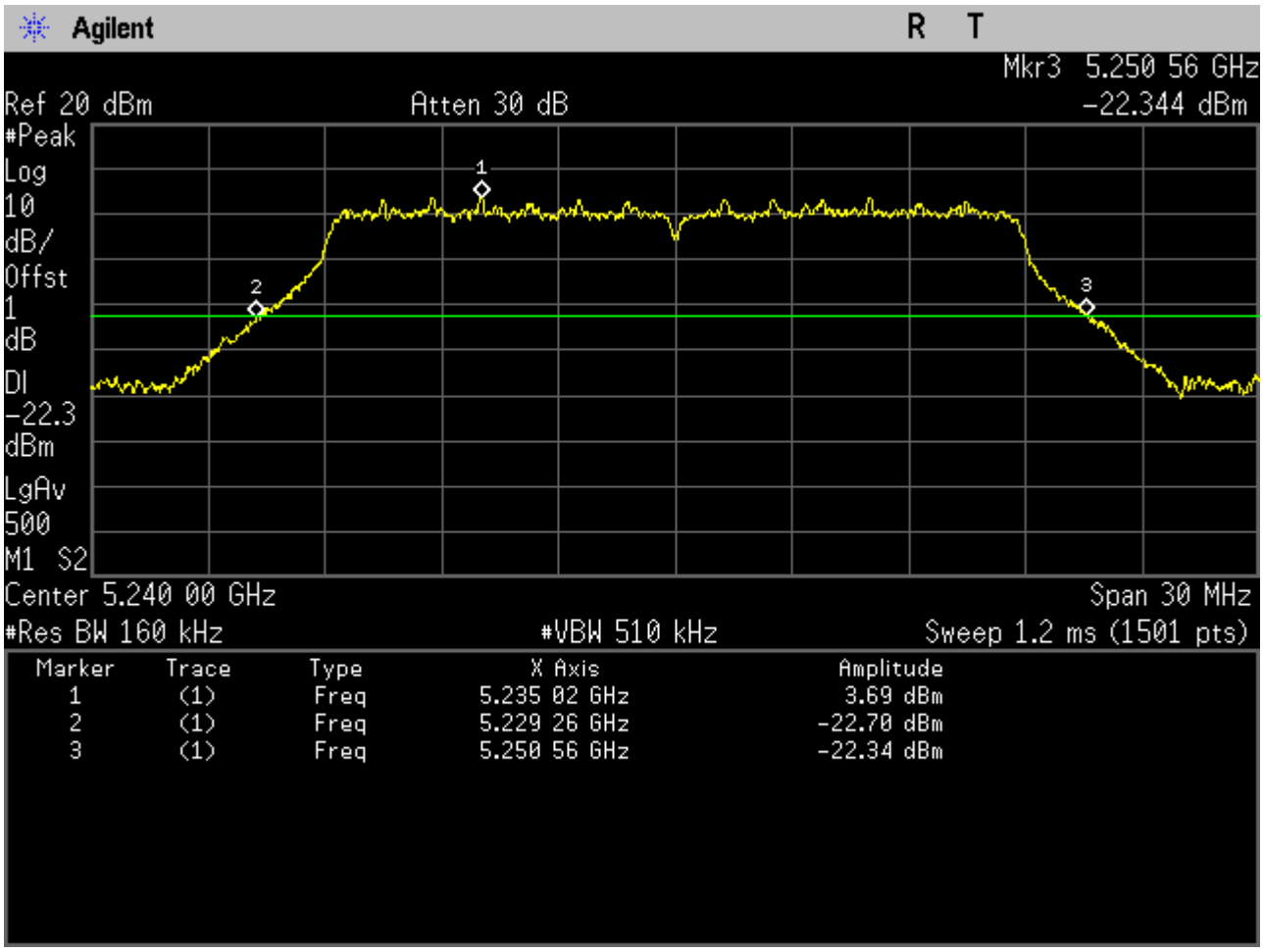
2.2611AC20_36



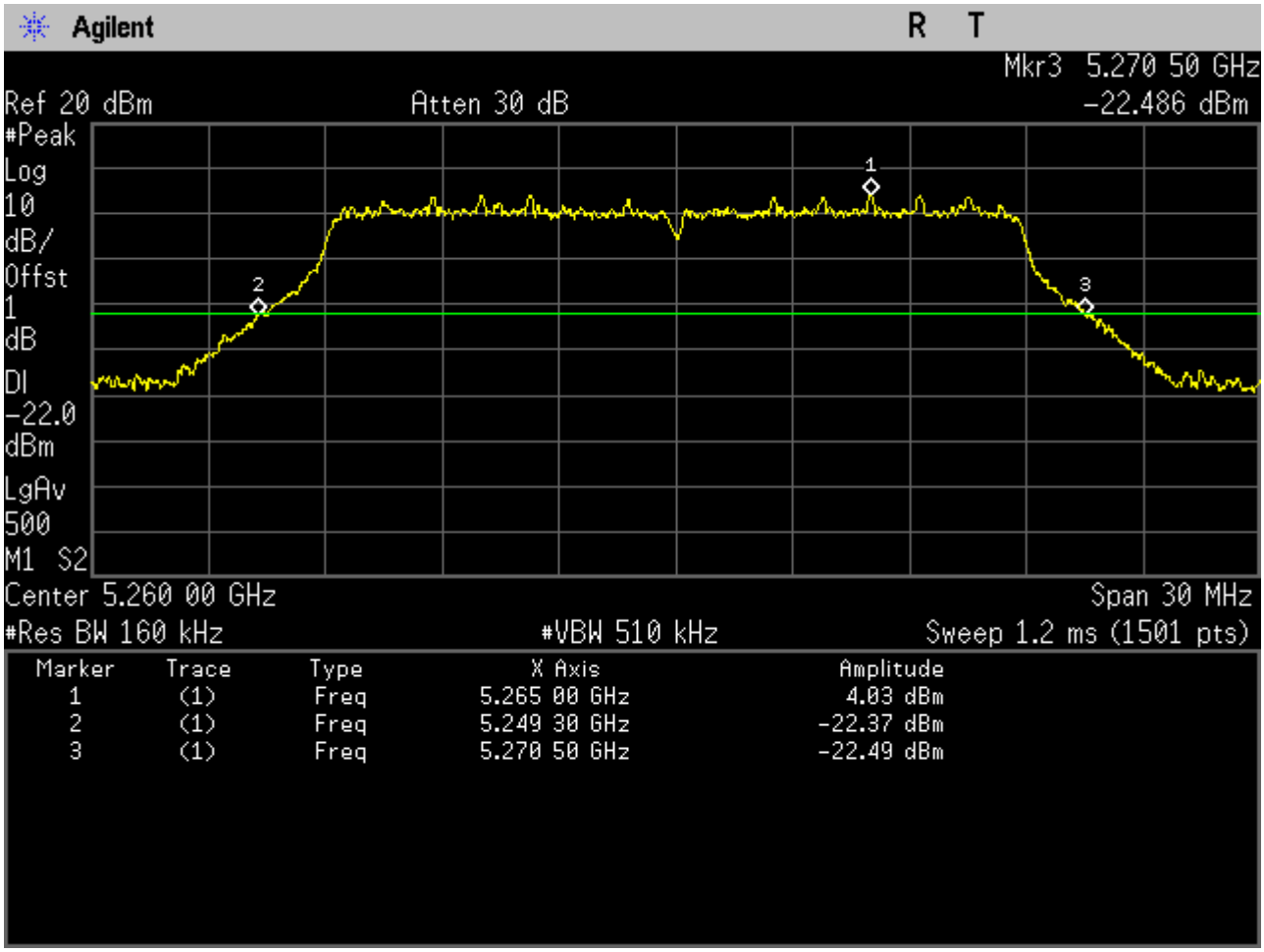
2.2711AC20_40



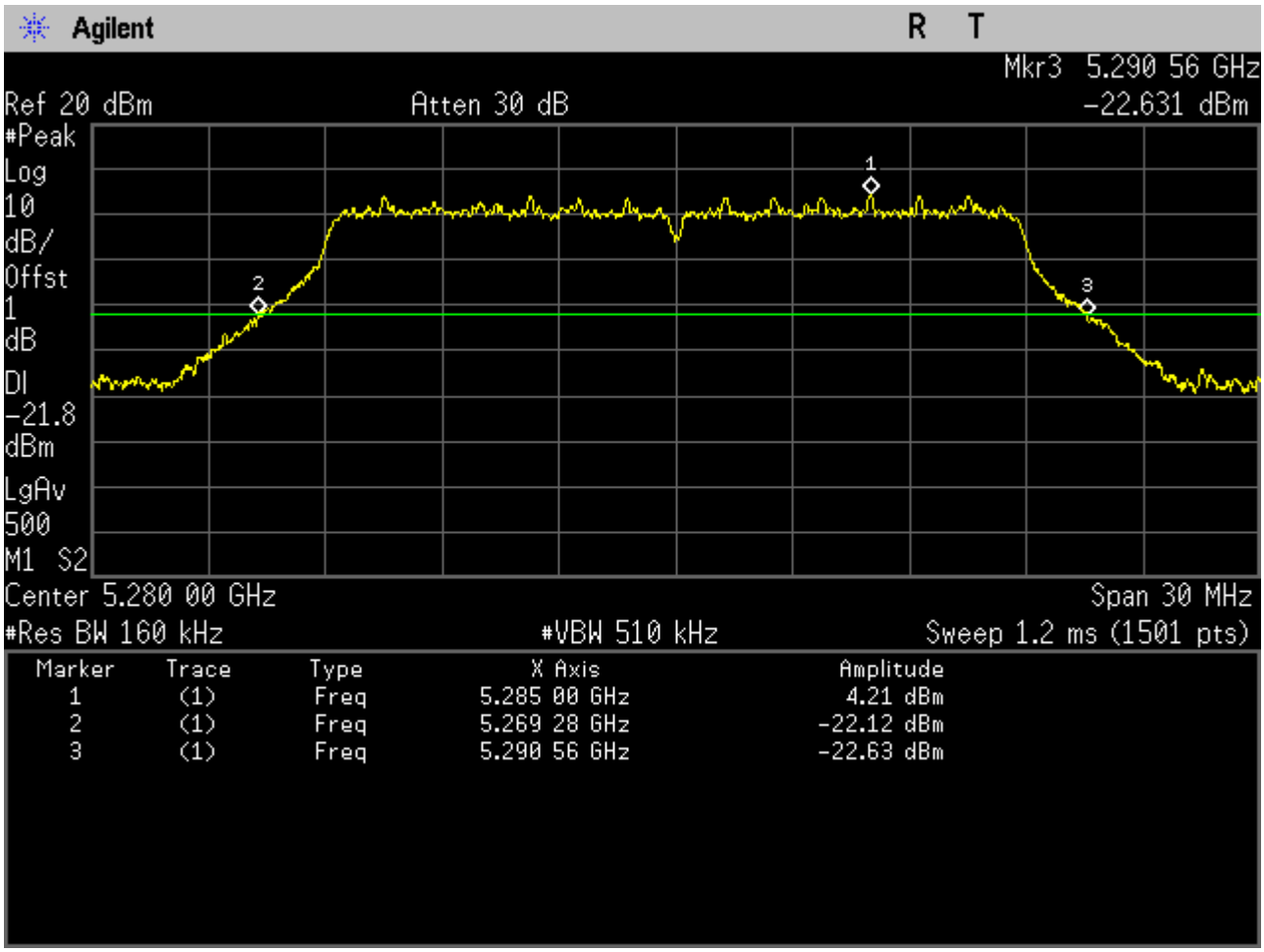
2.2811AC20_48



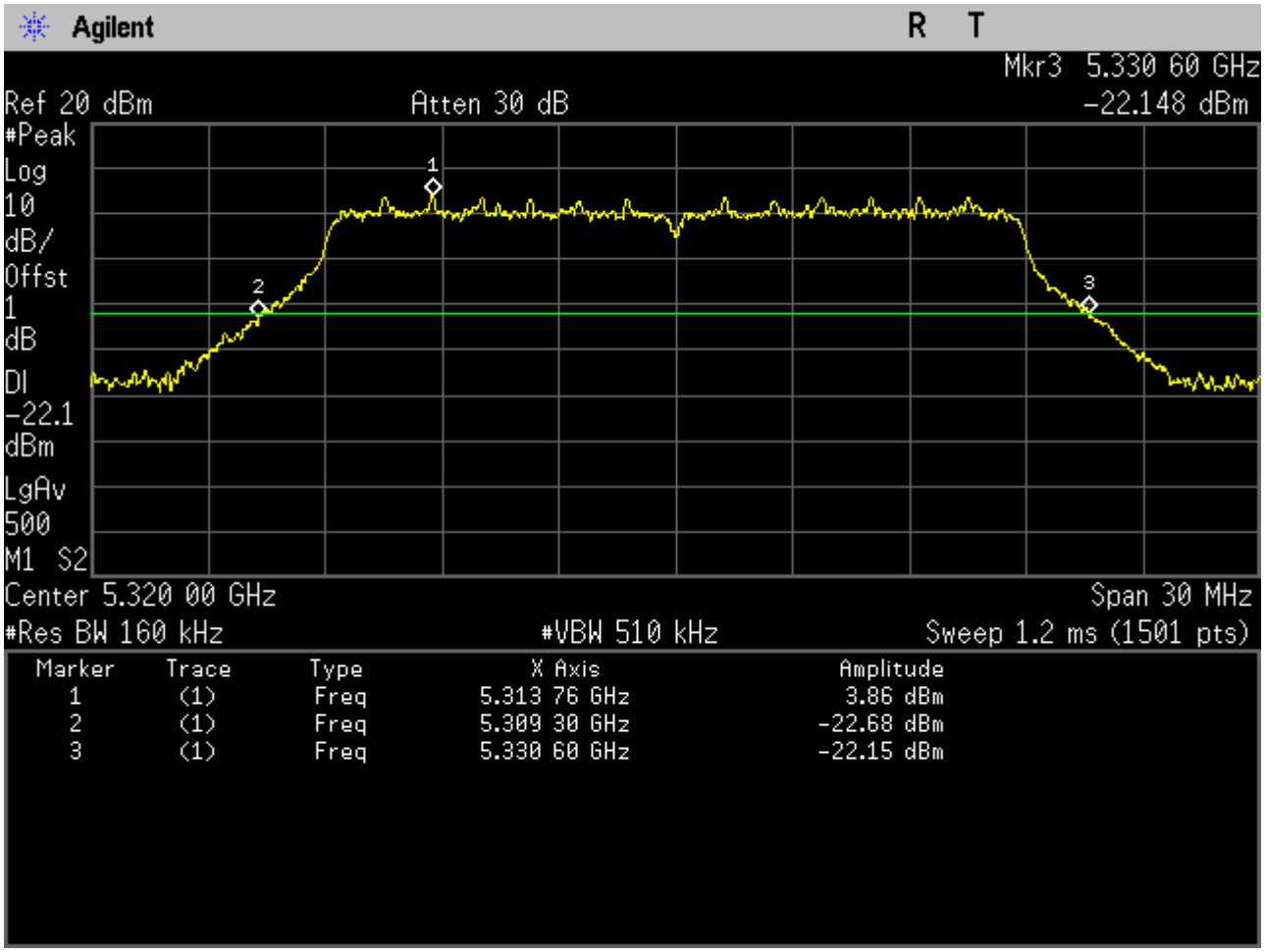
2.2911AC20_52



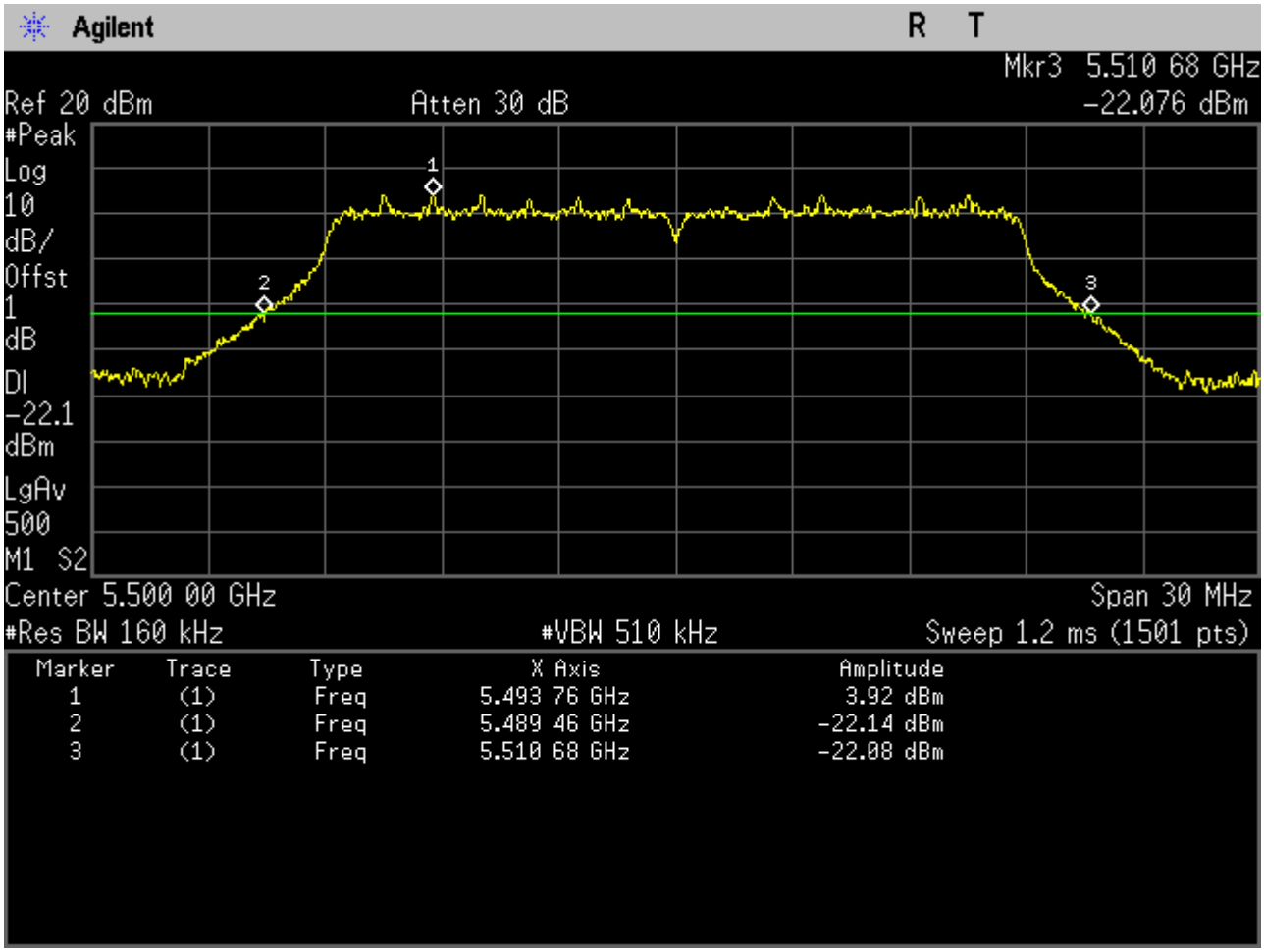
2.3011AC20_56



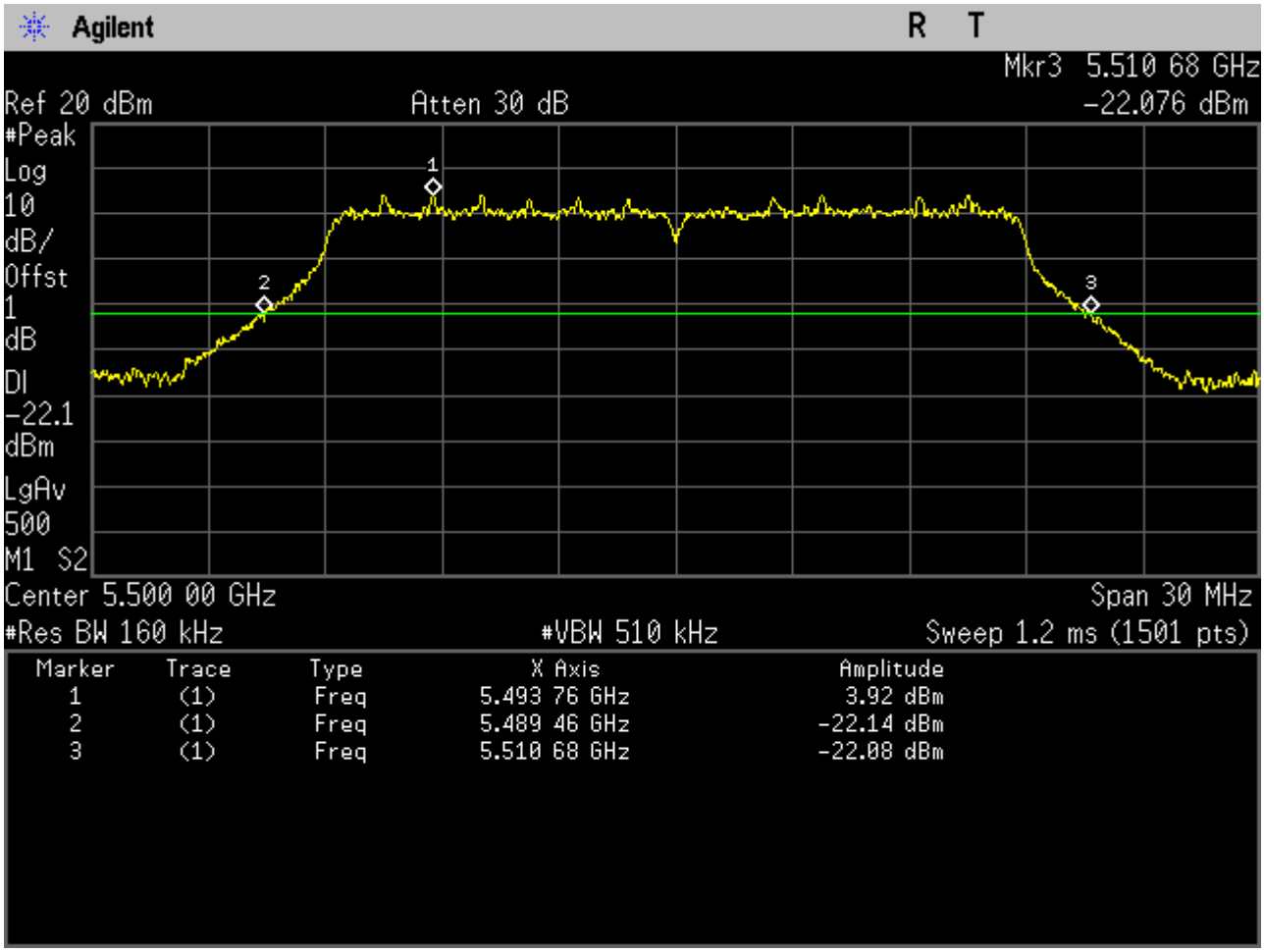
2.3111AC20_64



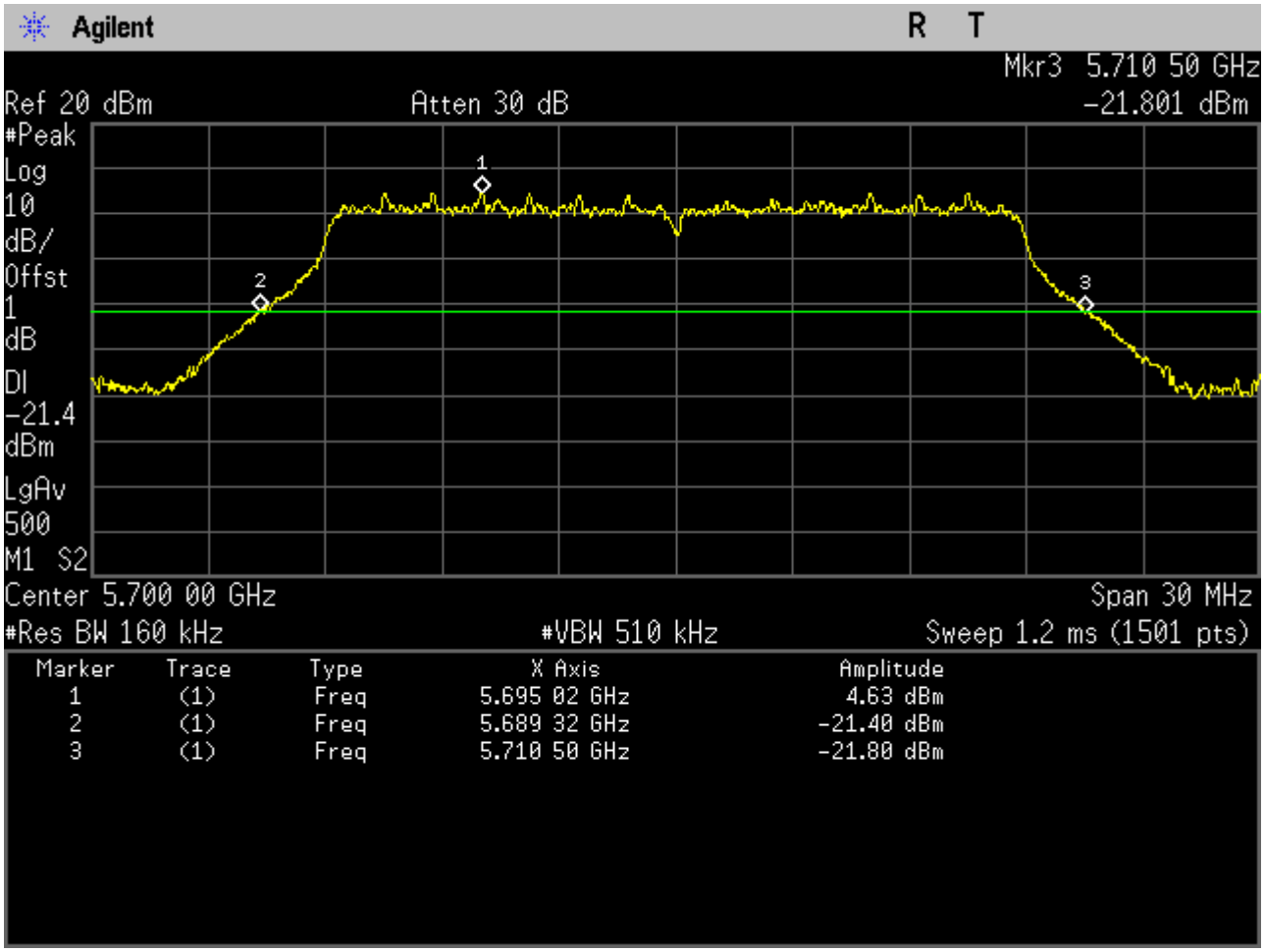
2.3211AC20_100



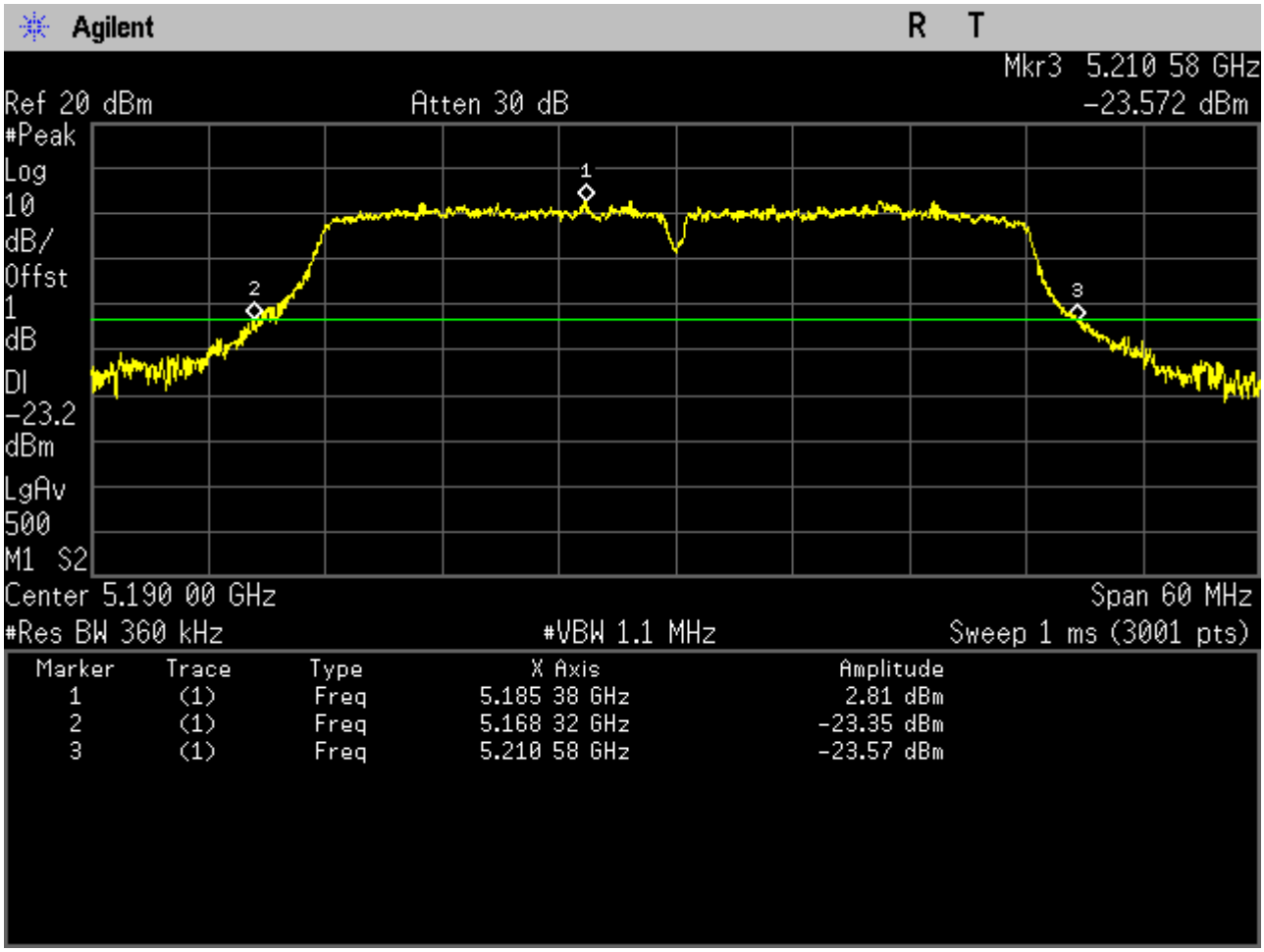
2.3311AC20_116



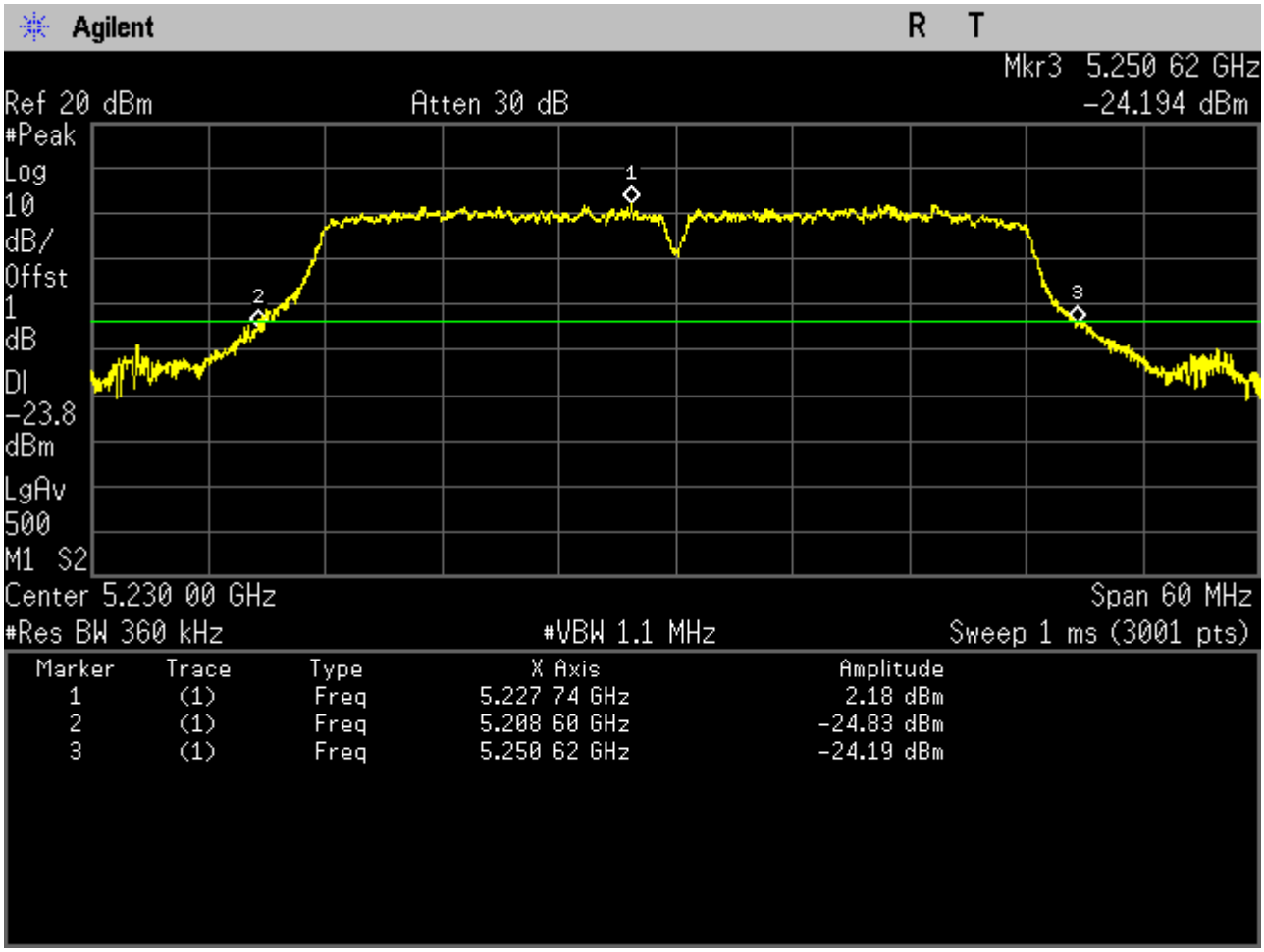
2.3411AC20_140



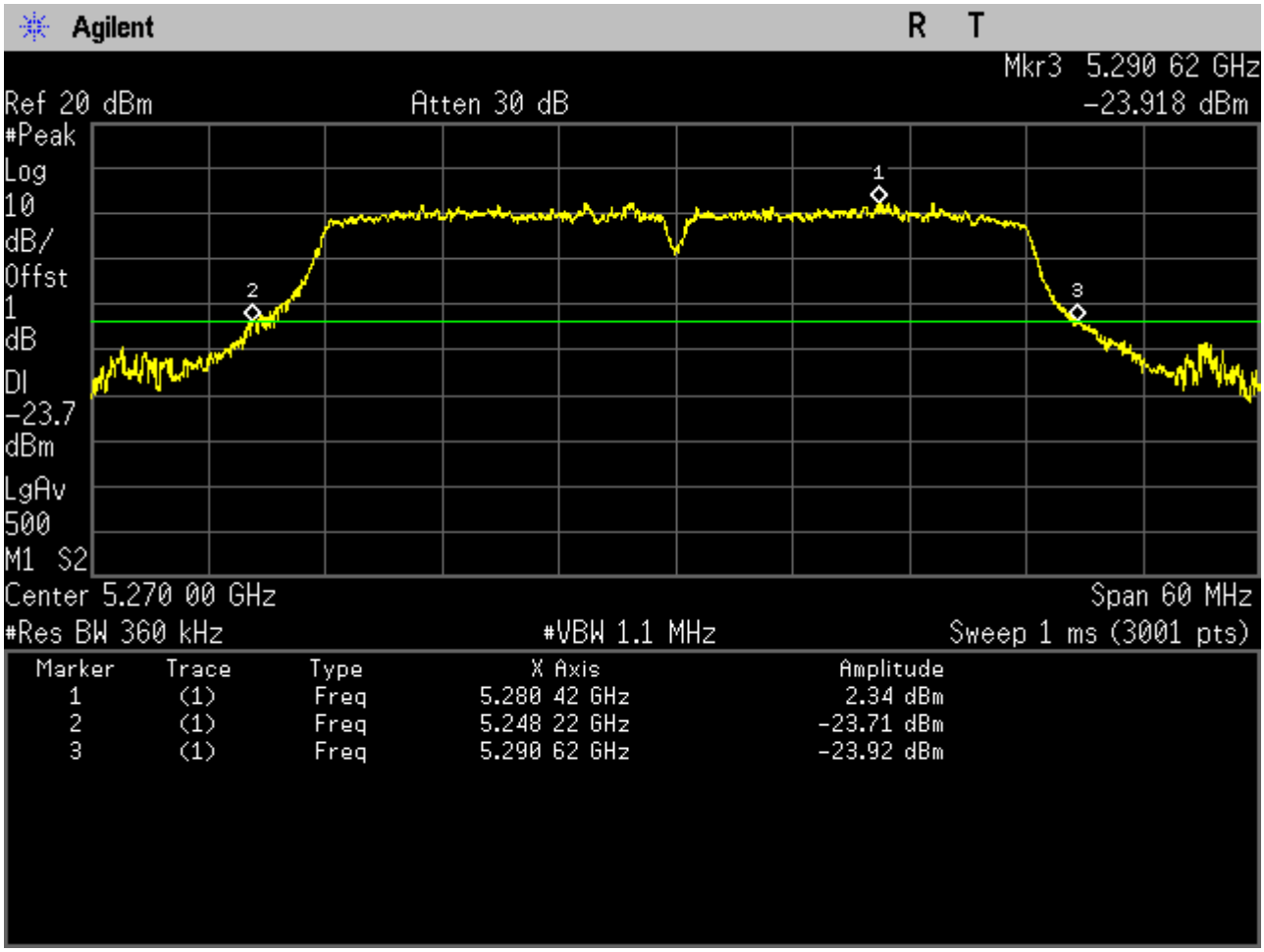
2.3511AC40_38



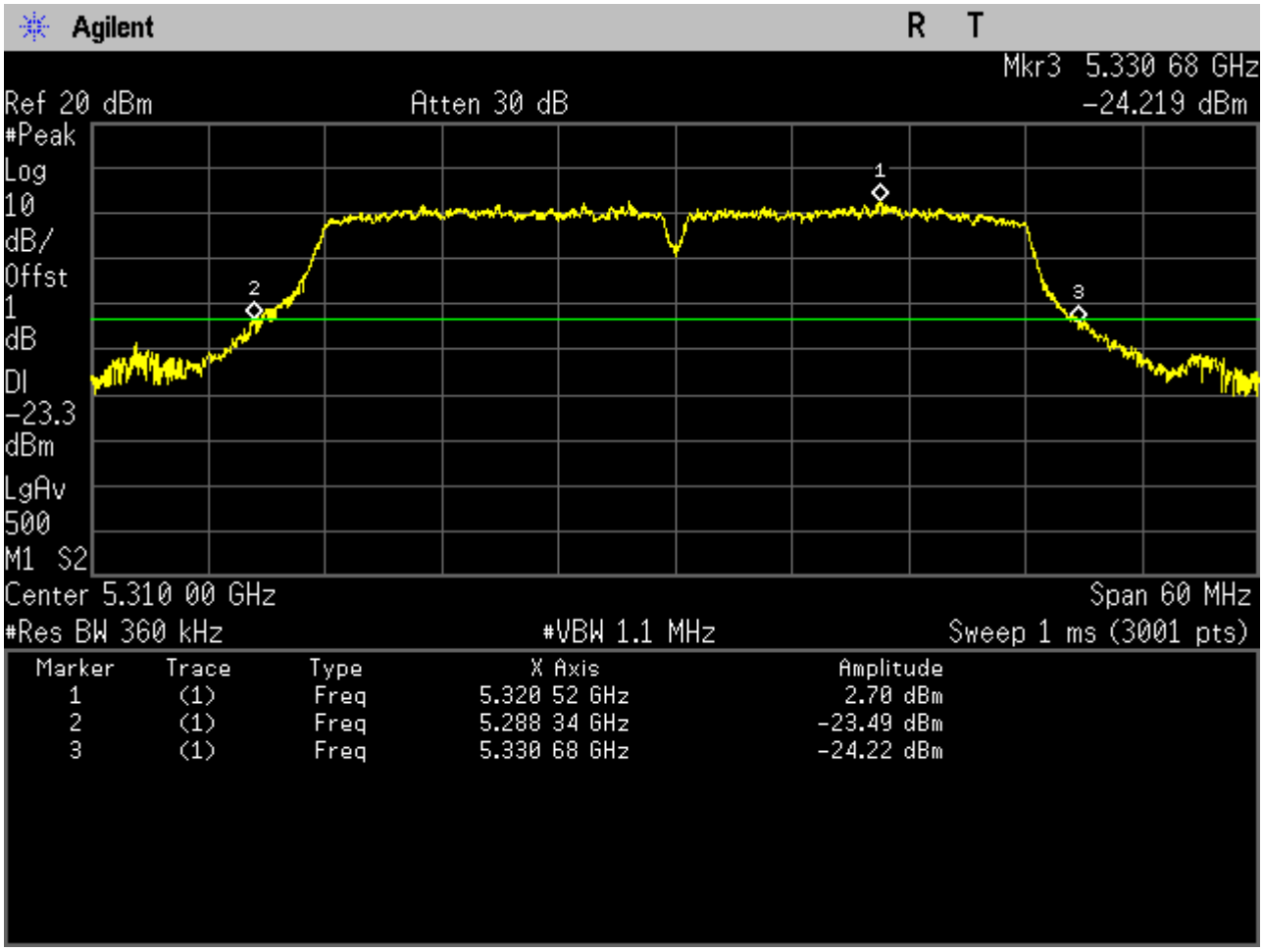
2.3611AC40_46



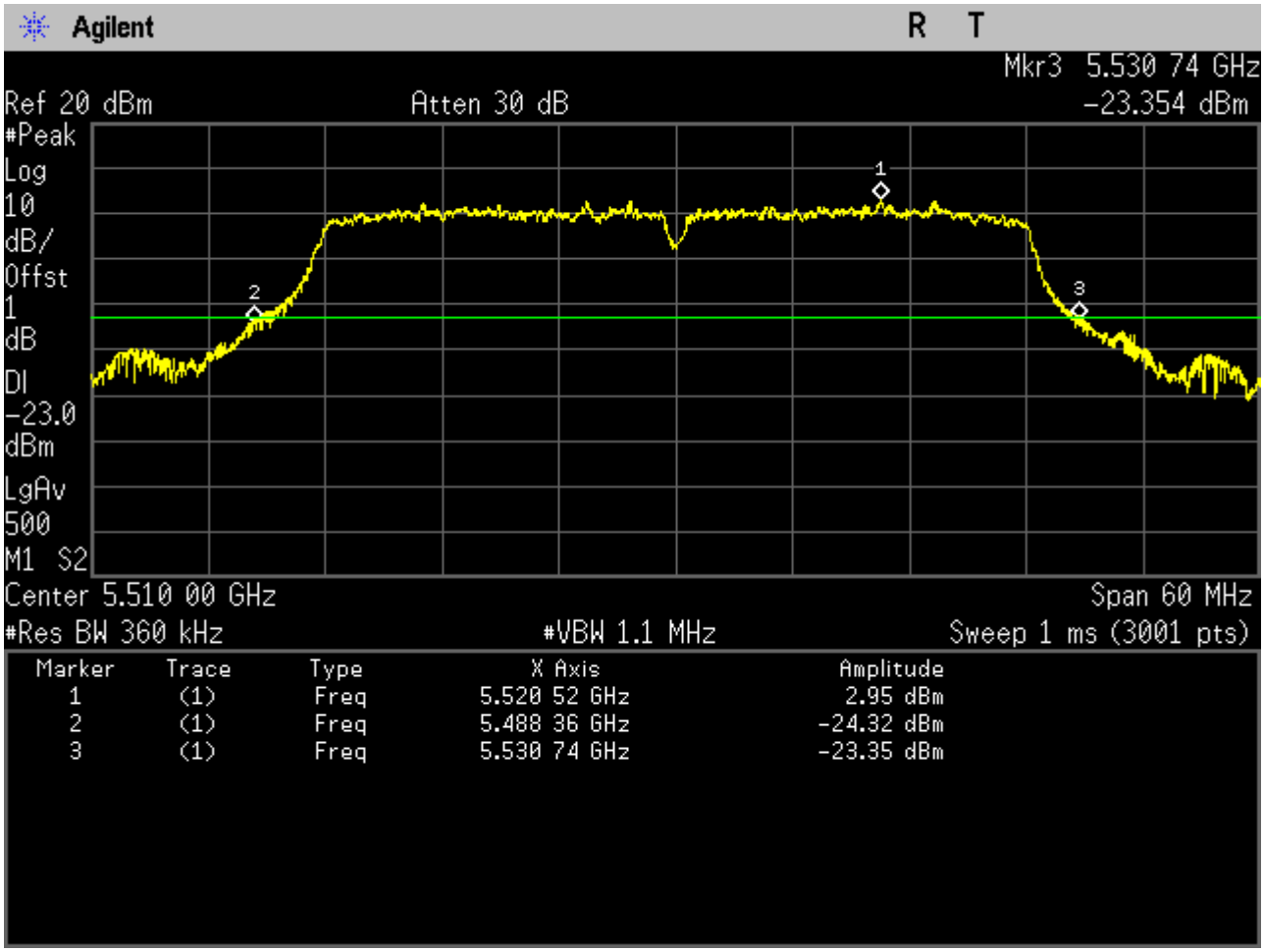
2.3711AC40_54



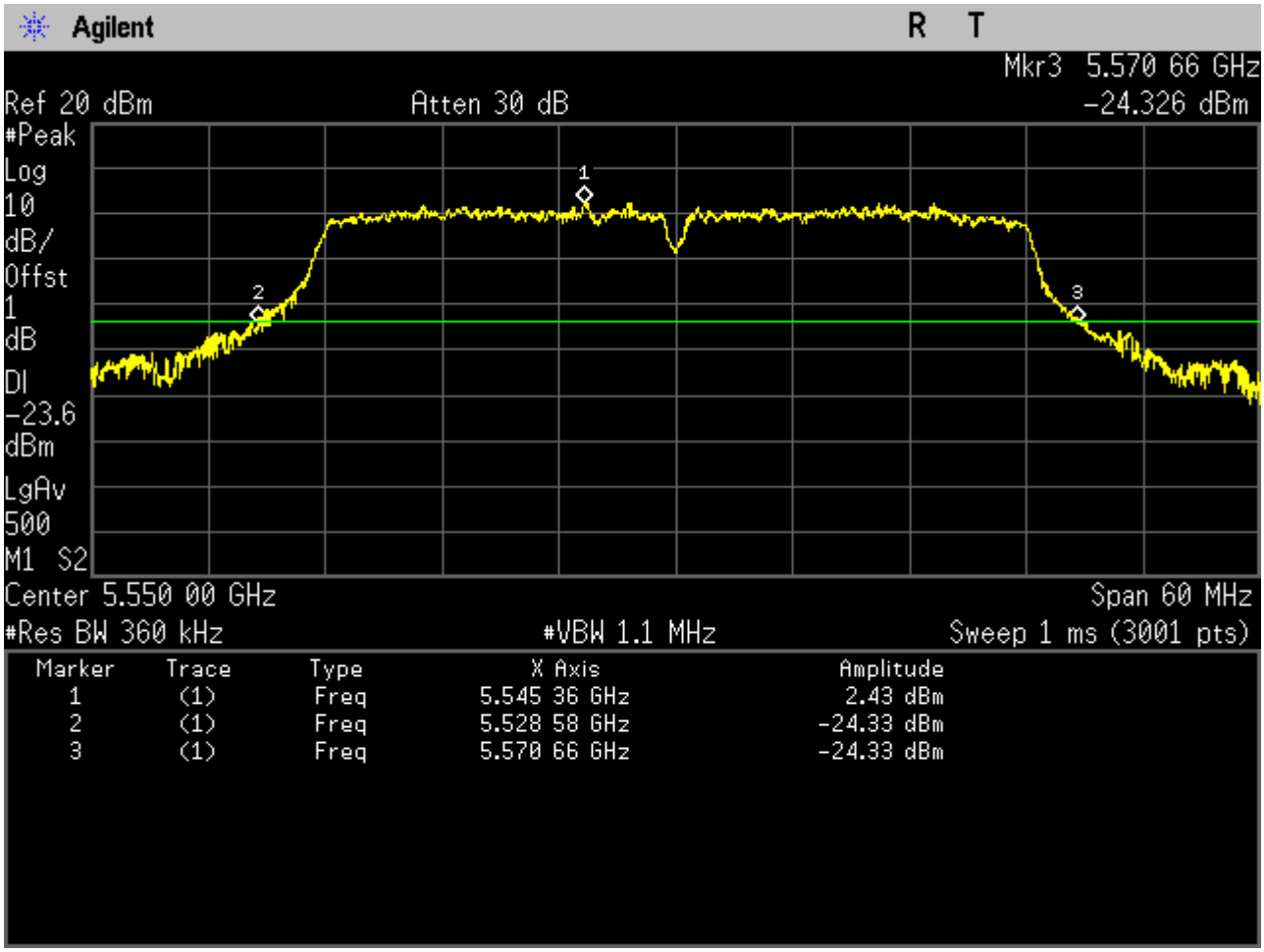
2.3811AC40_62



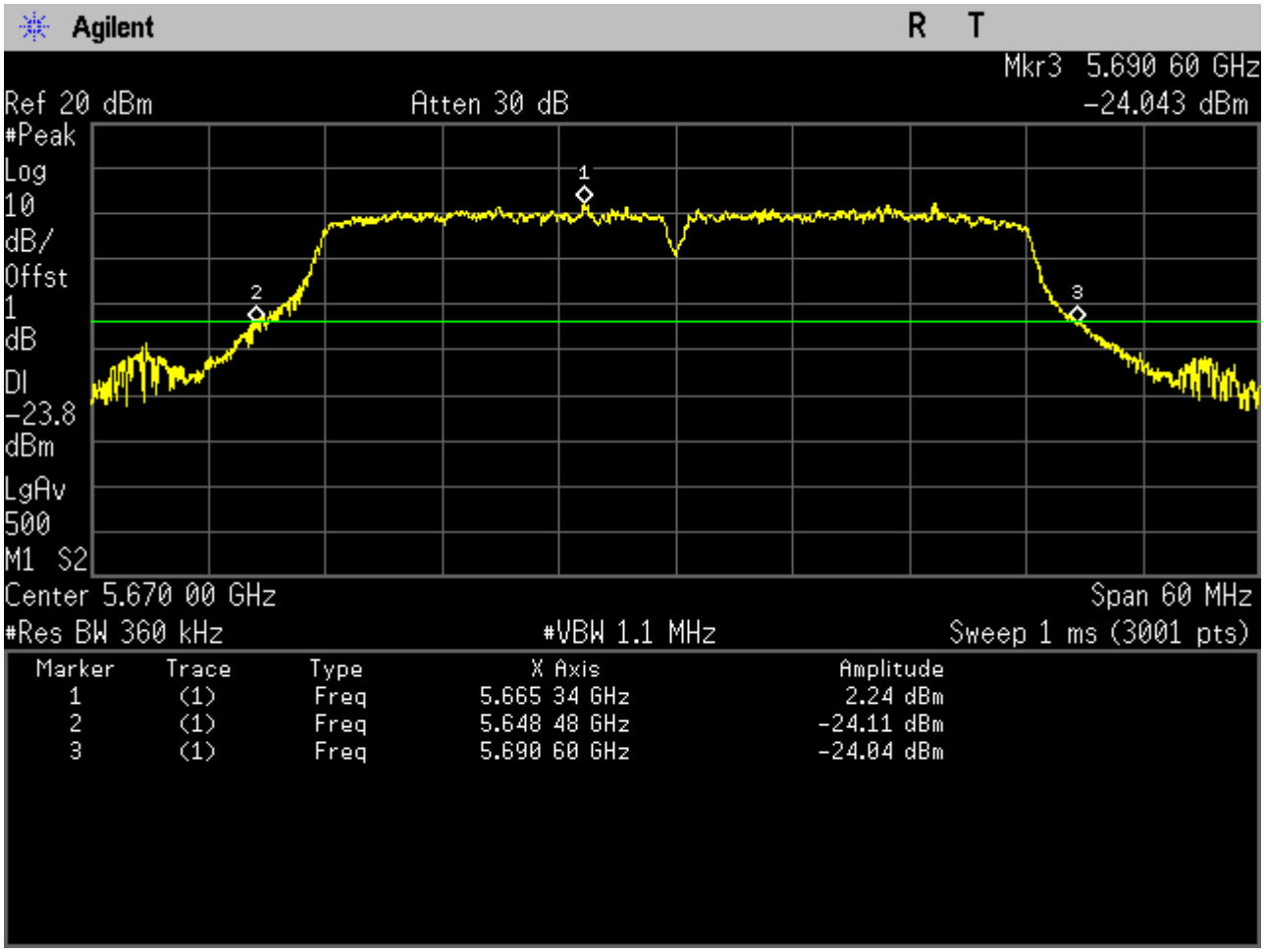
2.3911AC40_102



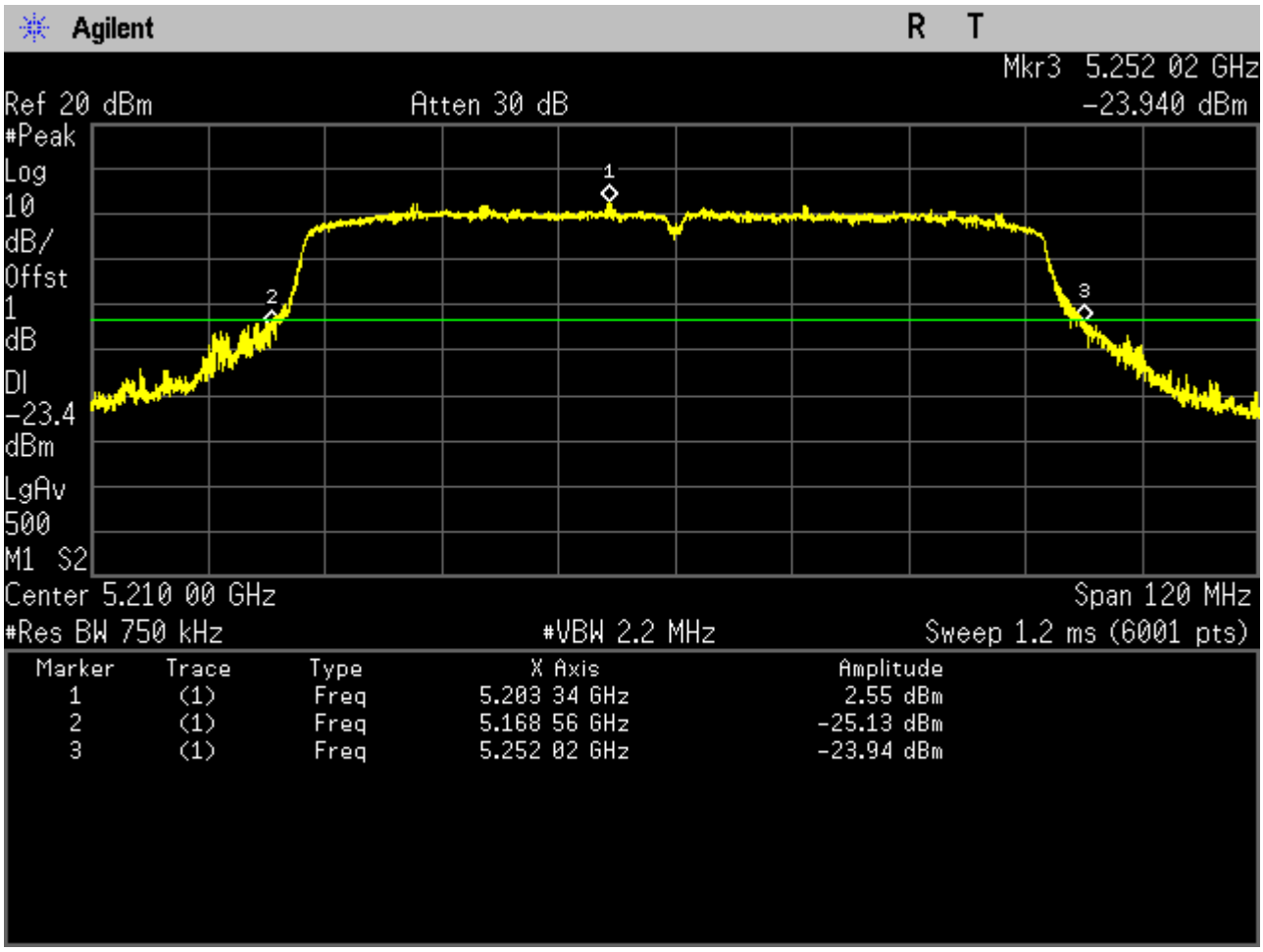
2.4011AC40_110



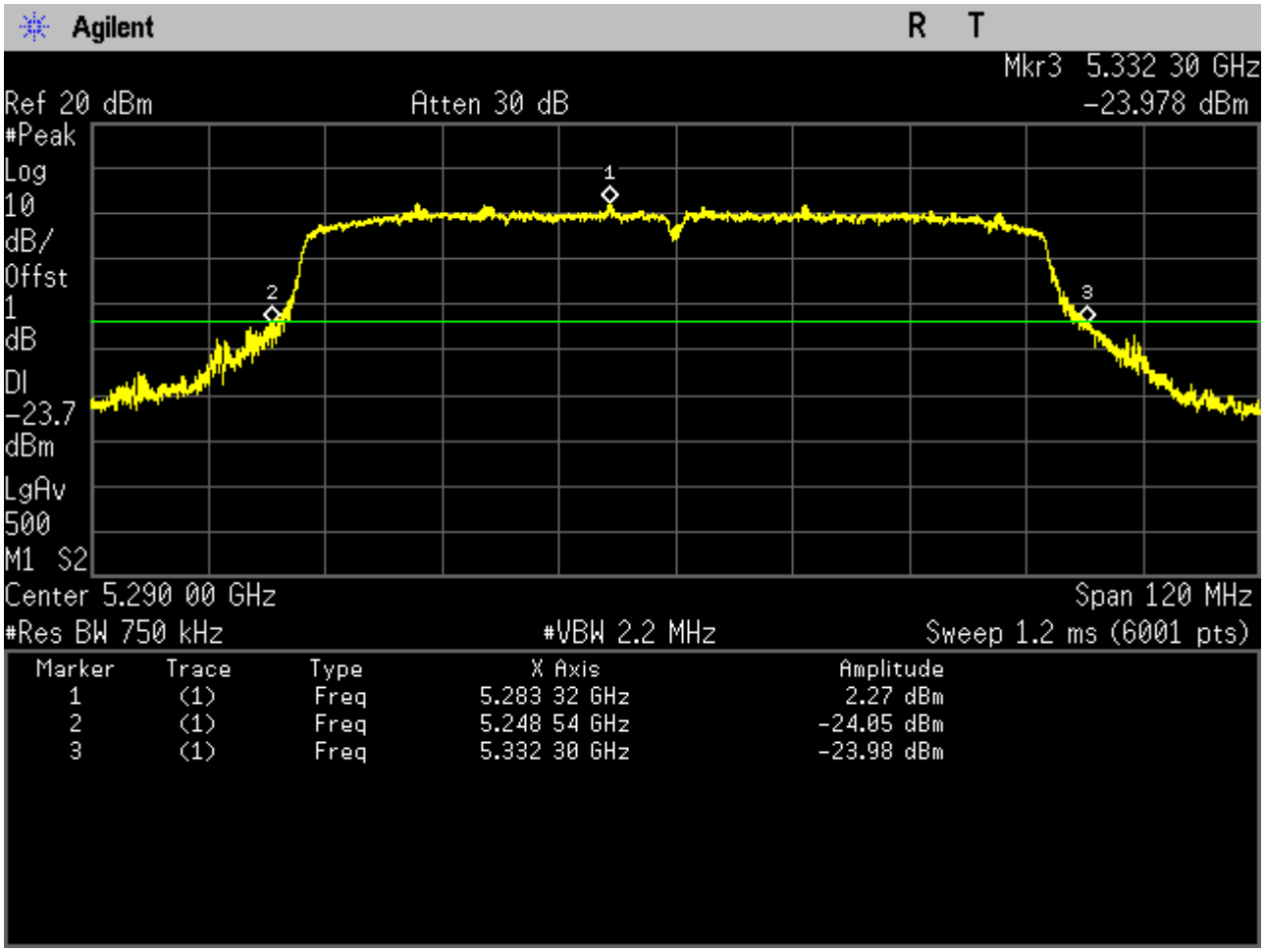
2.4111AC40_134



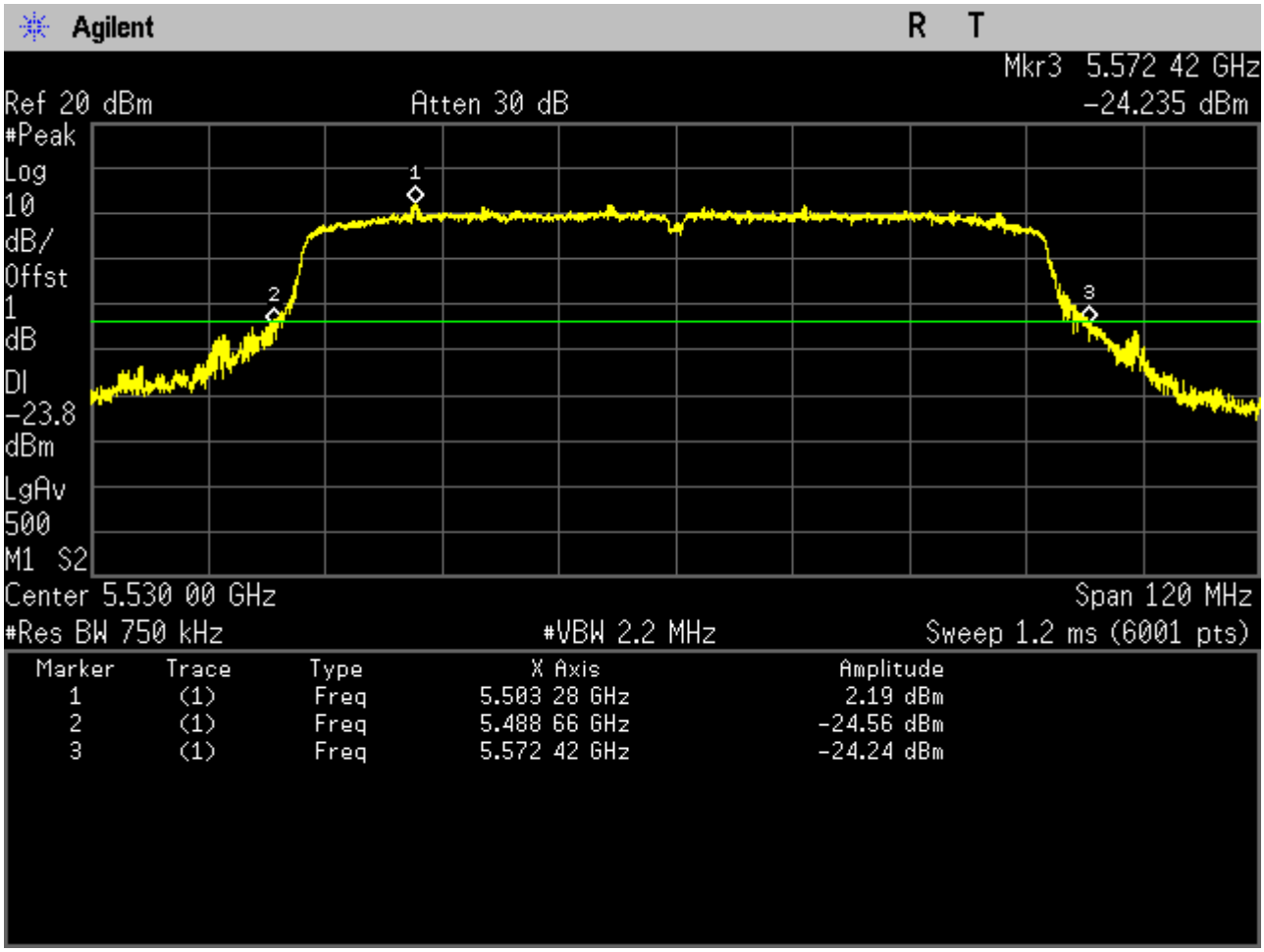
2.4211AC80_42



2.4311AC80_58



2.4411AC80_106



Appendix B: Maximum Conducted Output Power

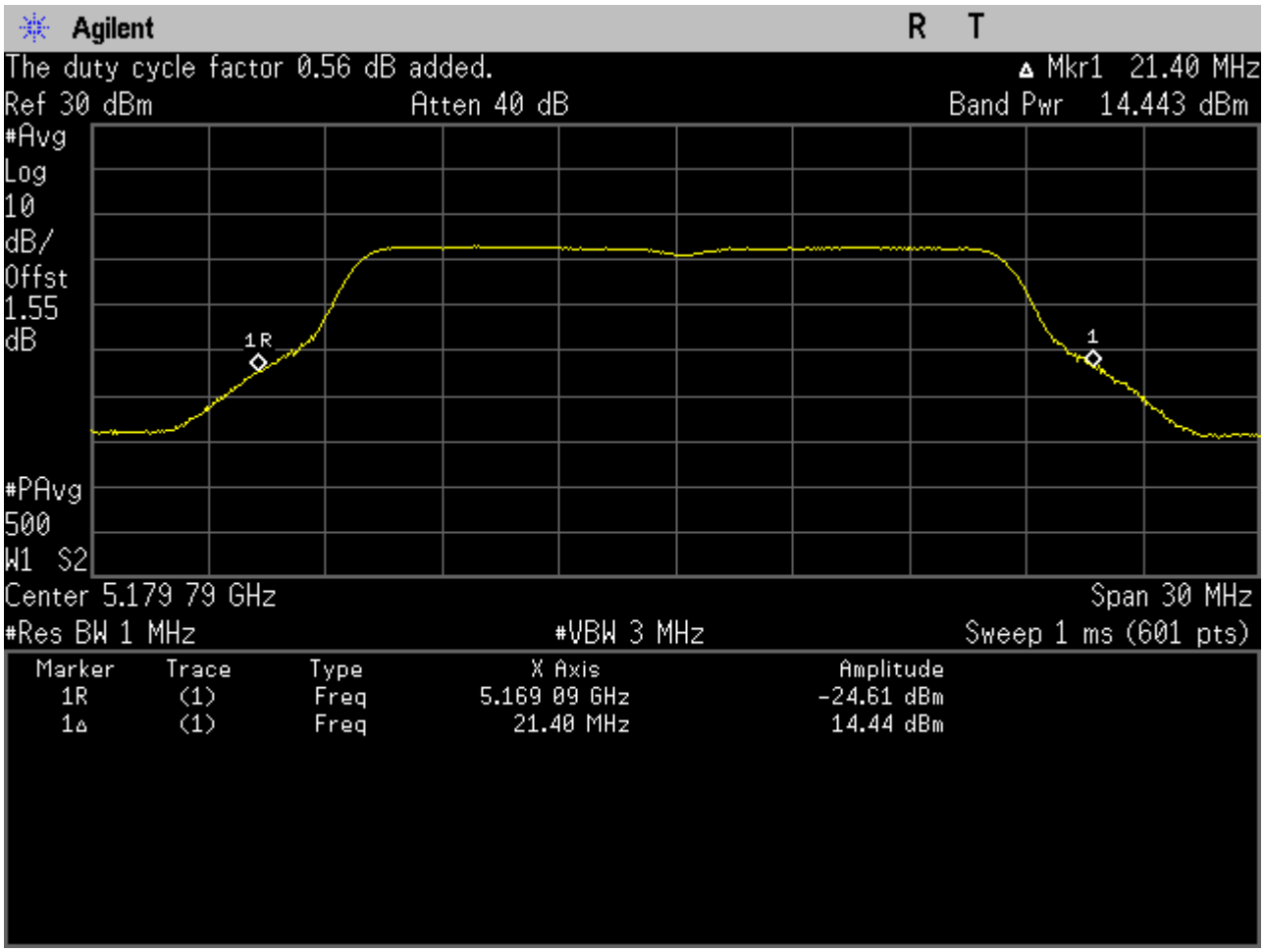
3 Result Table

Test Mode	Test Channel	Frequency[MHz]	Meas. Level (Cond.) [dBm]	Verdict
11A	36	5180	14.44	pass
11A	40	5200	14.28	pass
11A	48	5240	14.59	pass
11A	52	5260	14.76	pass
11A	56	5280	14.90	pass
11A	64	5320	14.71	pass
11A	100	5500	14.56	pass
11A	116	5580	14.00	pass
11A	140	5700	15.32	pass
11N20	36	5180	14.72	pass
11N20	40	5200	14.61	pass
11N20	48	5240	14.78	pass
11N20	52	5260	14.60	pass
11N20	56	5280	14.80	pass
11N20	64	5320	14.65	pass
11N20	100	5500	14.48	pass
11N20	116	5580	13.88	pass
11N20	140	5700	15.17	pass
11N40	38	5190	13.56	pass
11N40	46	5230	13.46	pass
11N40	54	5270	13.46	pass
11N40	62	5310	12.41	pass
11N40	102	5510	13.21	pass
11N40	110	5550	13.08	pass
11N40	134	5670	12.94	pass
11AC20	36	5180	14.25	pass
11AC20	40	5200	14.03	pass
11AC20	48	5240	14.04	pass
11AC20	52	5260	14.18	pass
11AC20	56	5280	14.30	pass
11AC20	64	5320	14.06	pass
11AC20	100	5500	14.00	pass
11AC20	116	5580	13.59	pass
11AC20	140	5700	14.73	pass
11AC40	38	5190	13.36	pass
11AC40	46	5230	12.81	pass

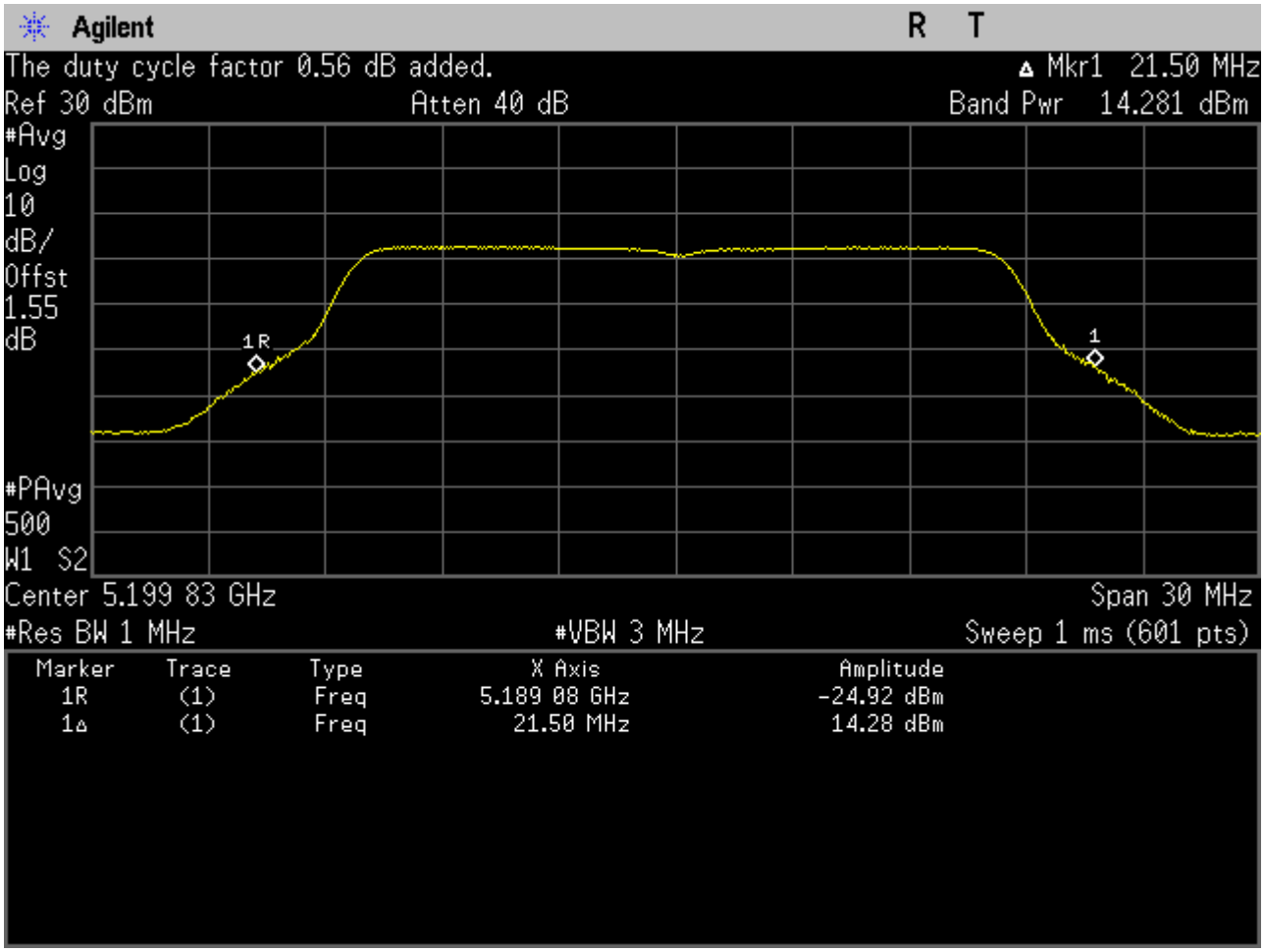
Test Mode	Test Channel	Frequency[MHz]	Meas. Level (Cond.) [dBm]	Verdict
11AC40	54	5270	13.06	pass
11AC40	62	5310	13.18	pass
11AC40	102	5510	13.16	pass
11AC40	110	5550	13.13	pass
11AC40	134	5670	12.68	pass
11AC80	42	5210	12.52	pass
11AC80	58	5290	12.00	pass
11AC80	106	5530	12.12	pass

4 +Test Plot

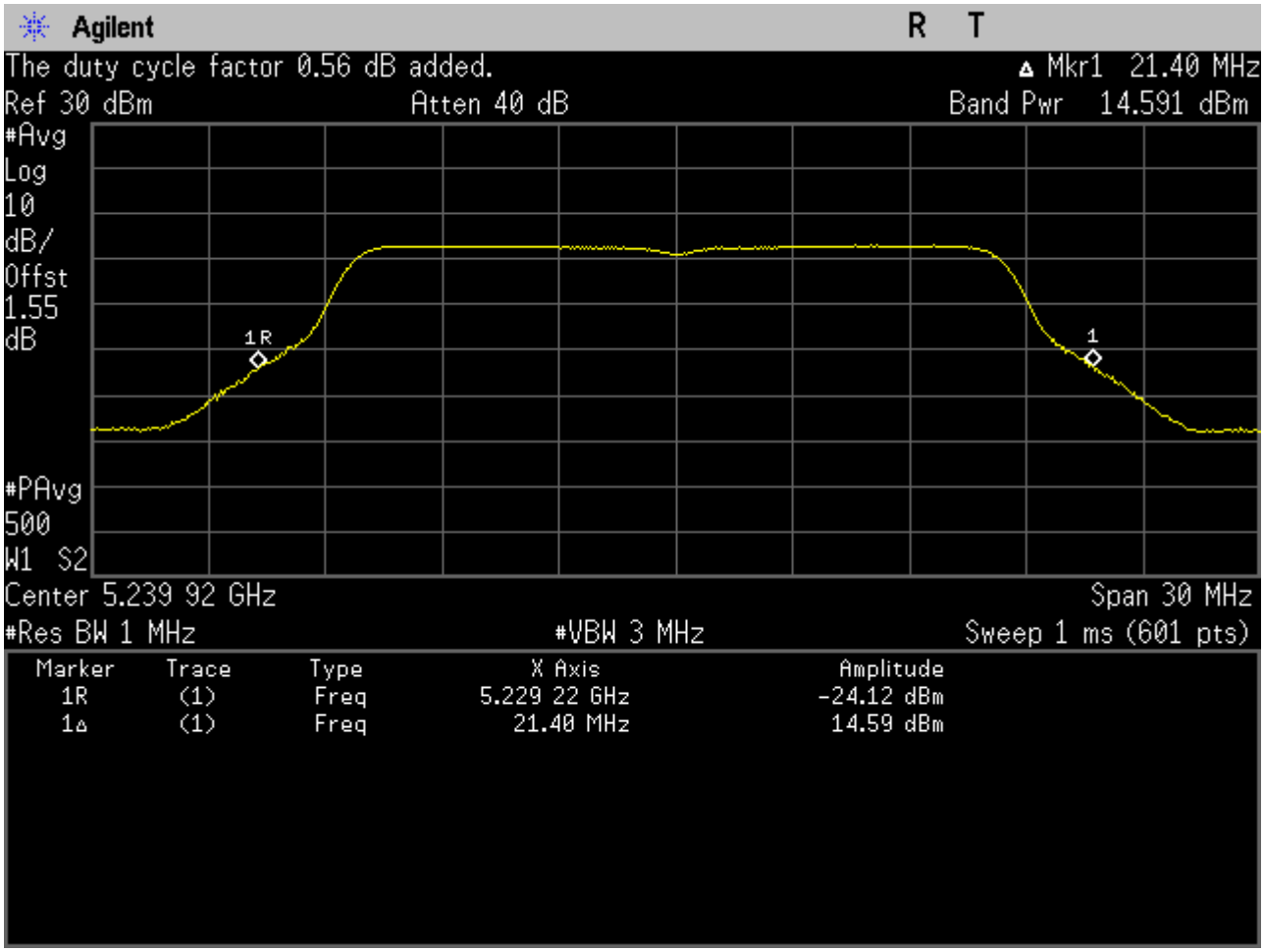
4.1 11A_36



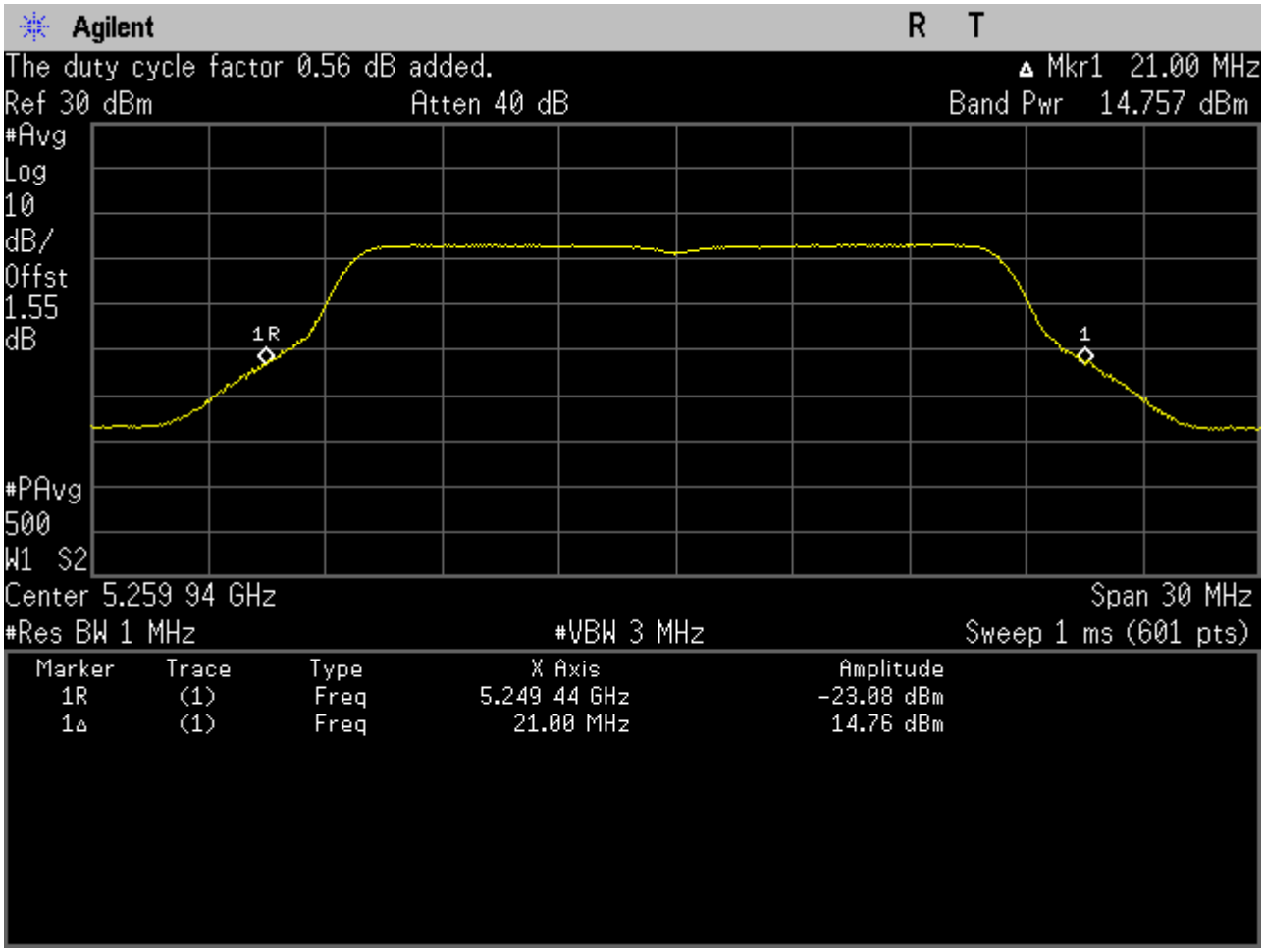
4.2 11A_40



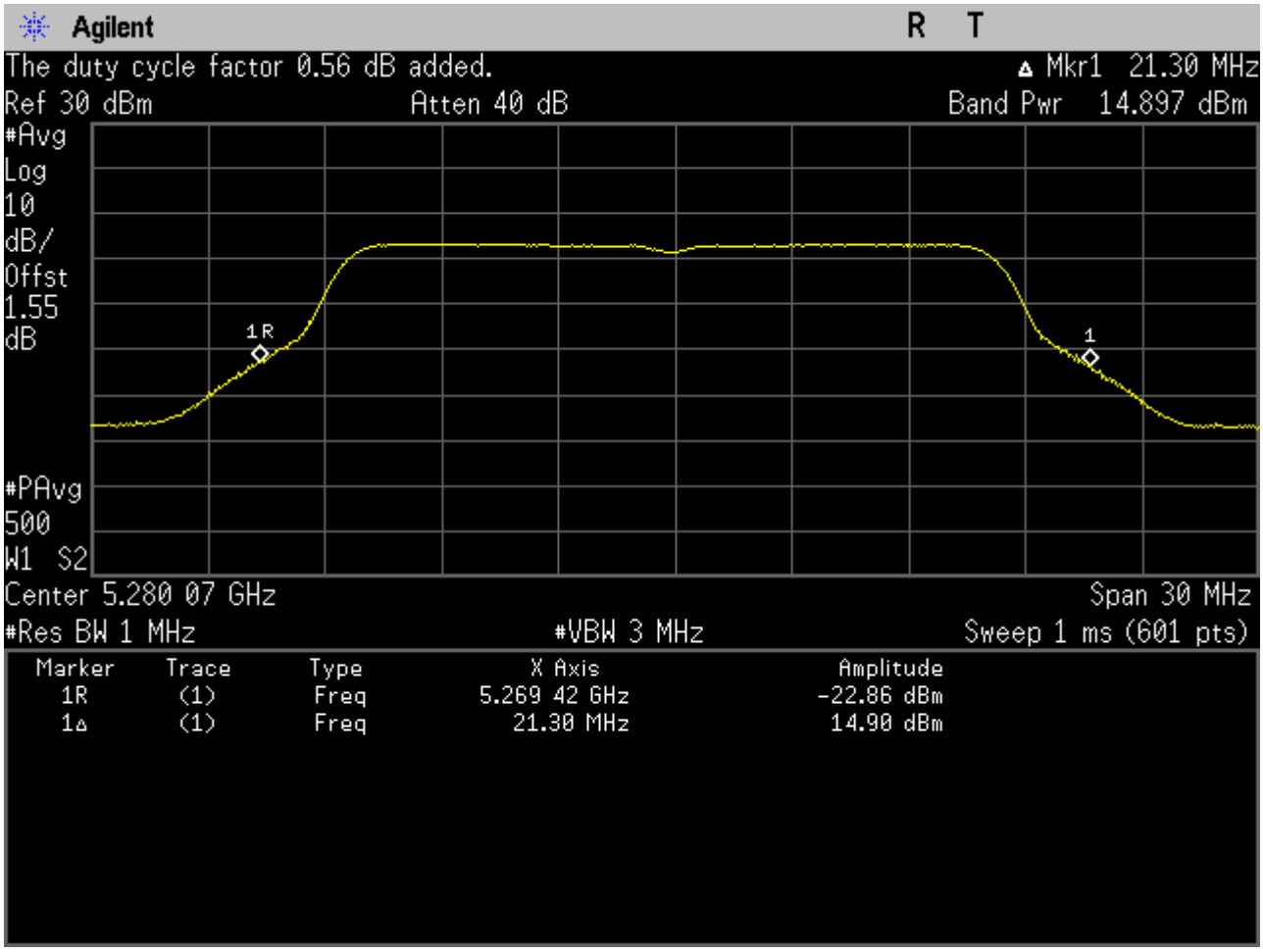
4.3 11A_48



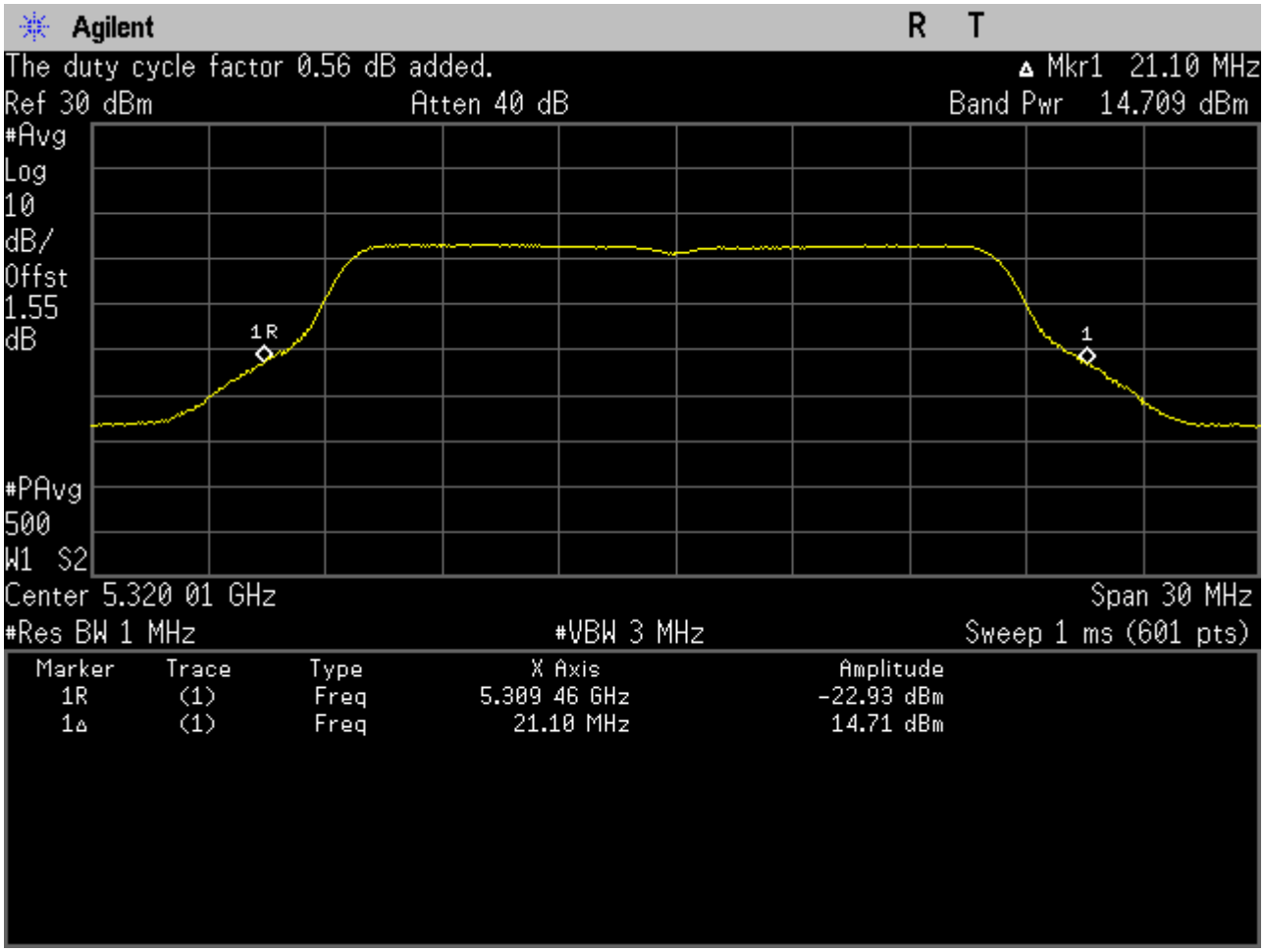
4.4 11A_52



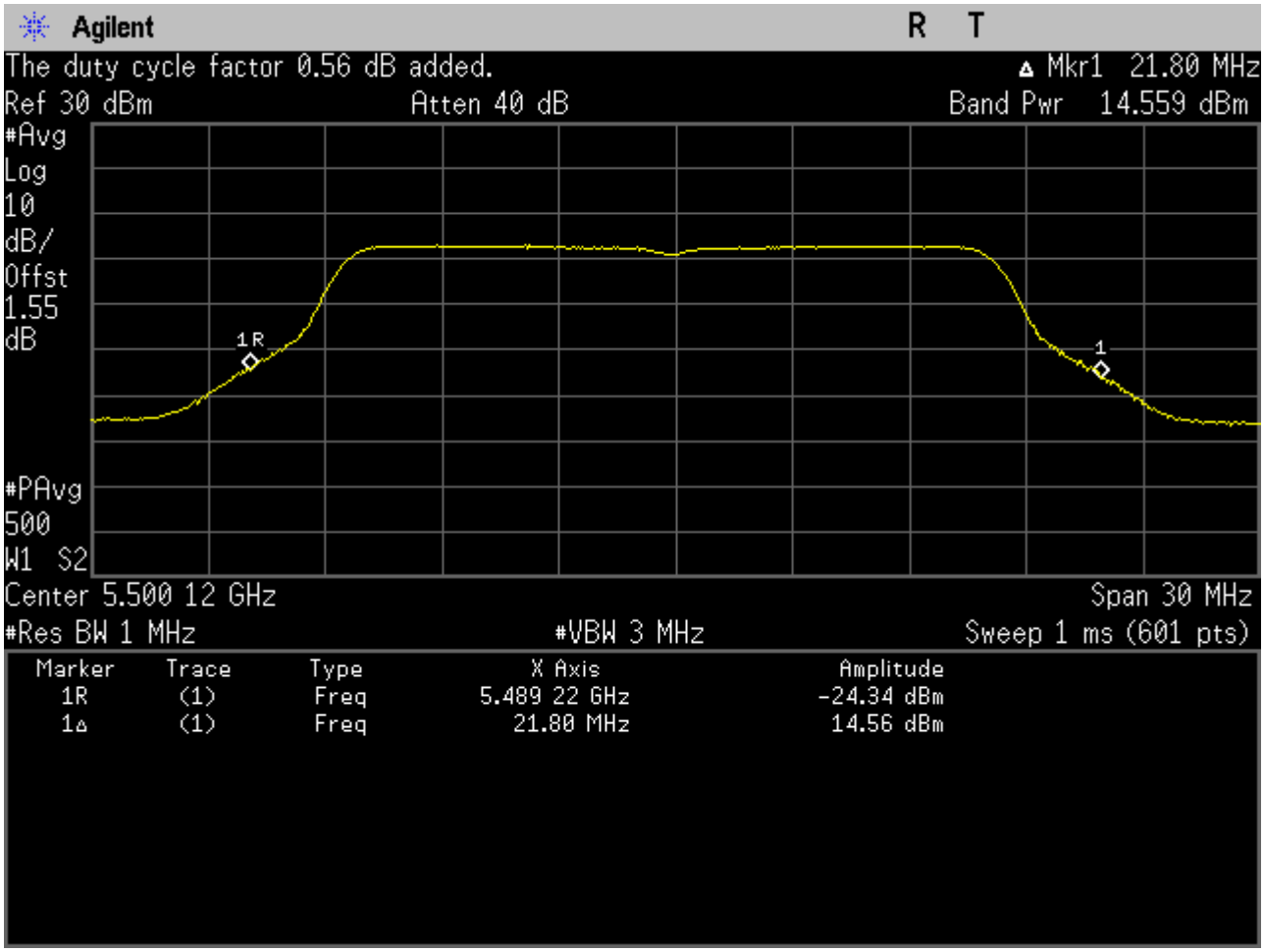
4.5 11A_56



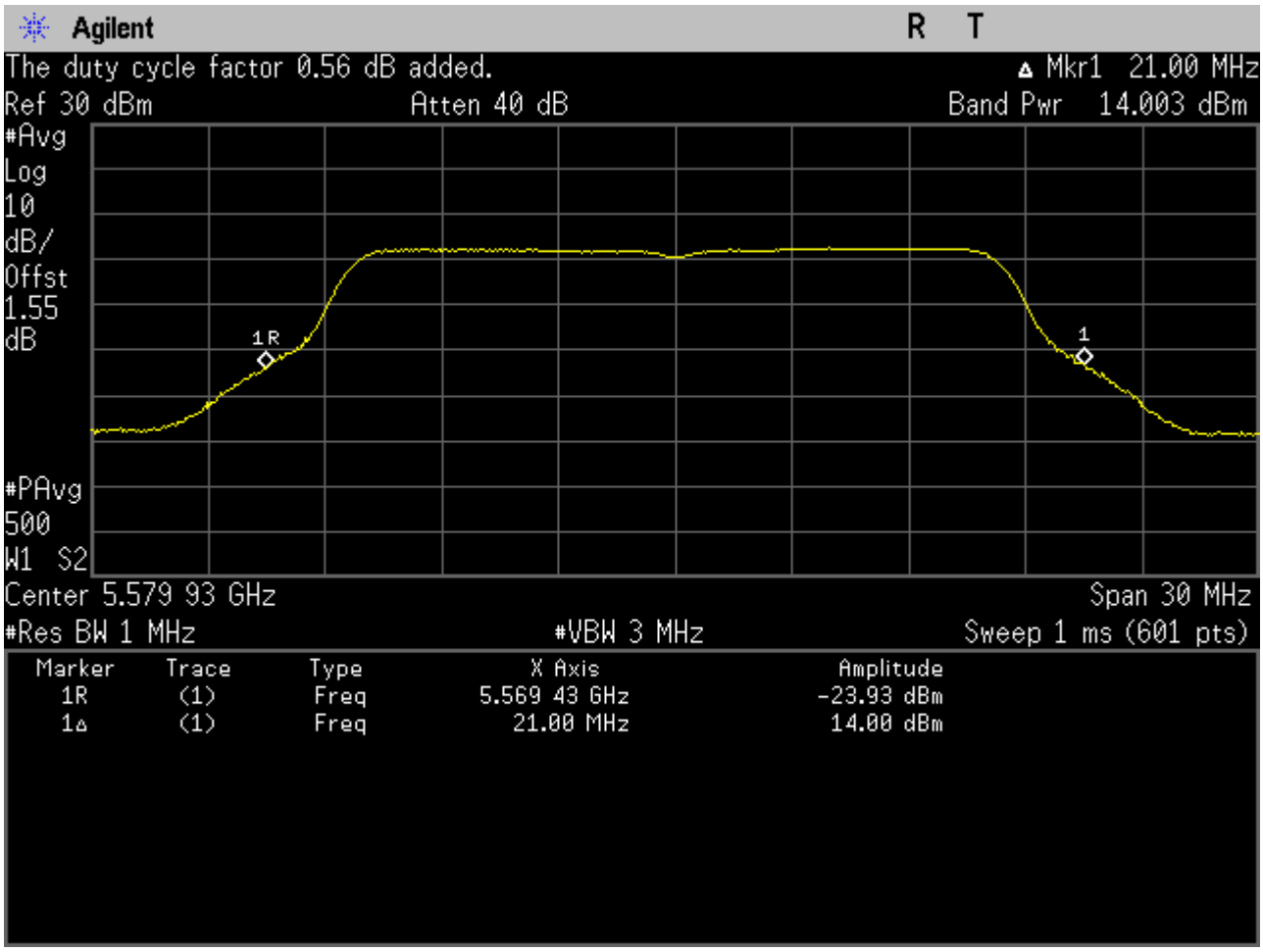
4.6 11A_64



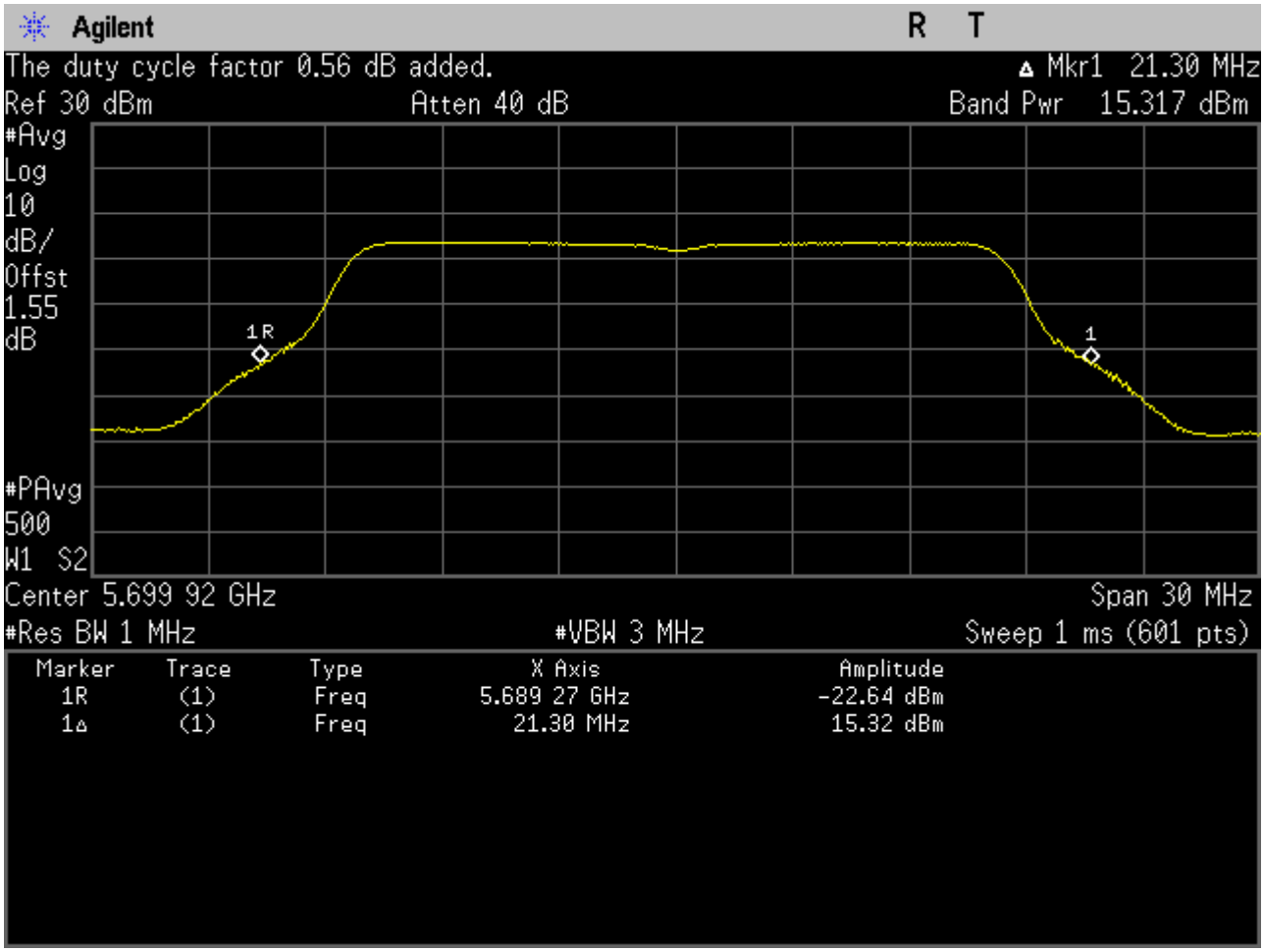
4.7 11A_100



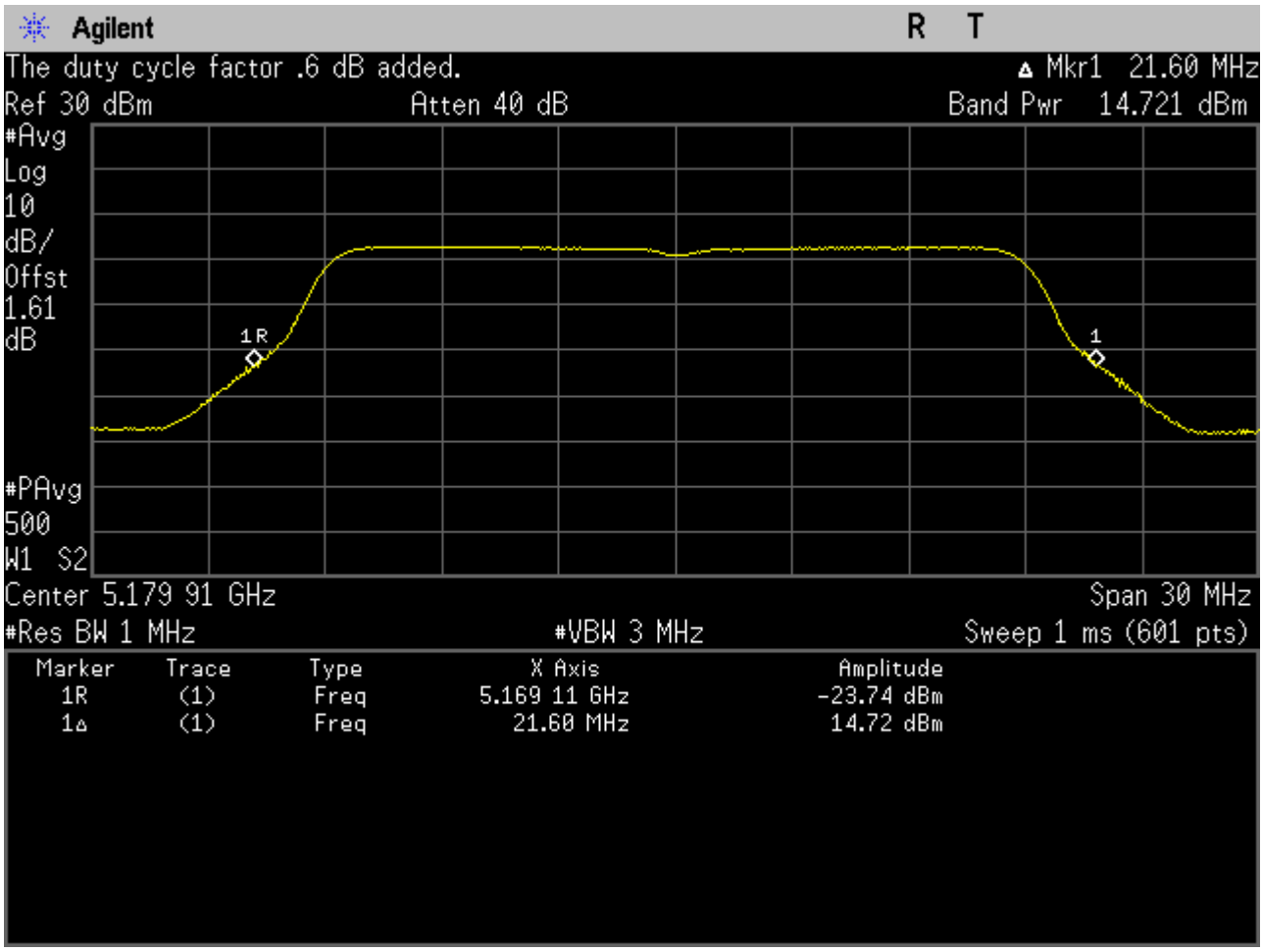
4.8 11A_116



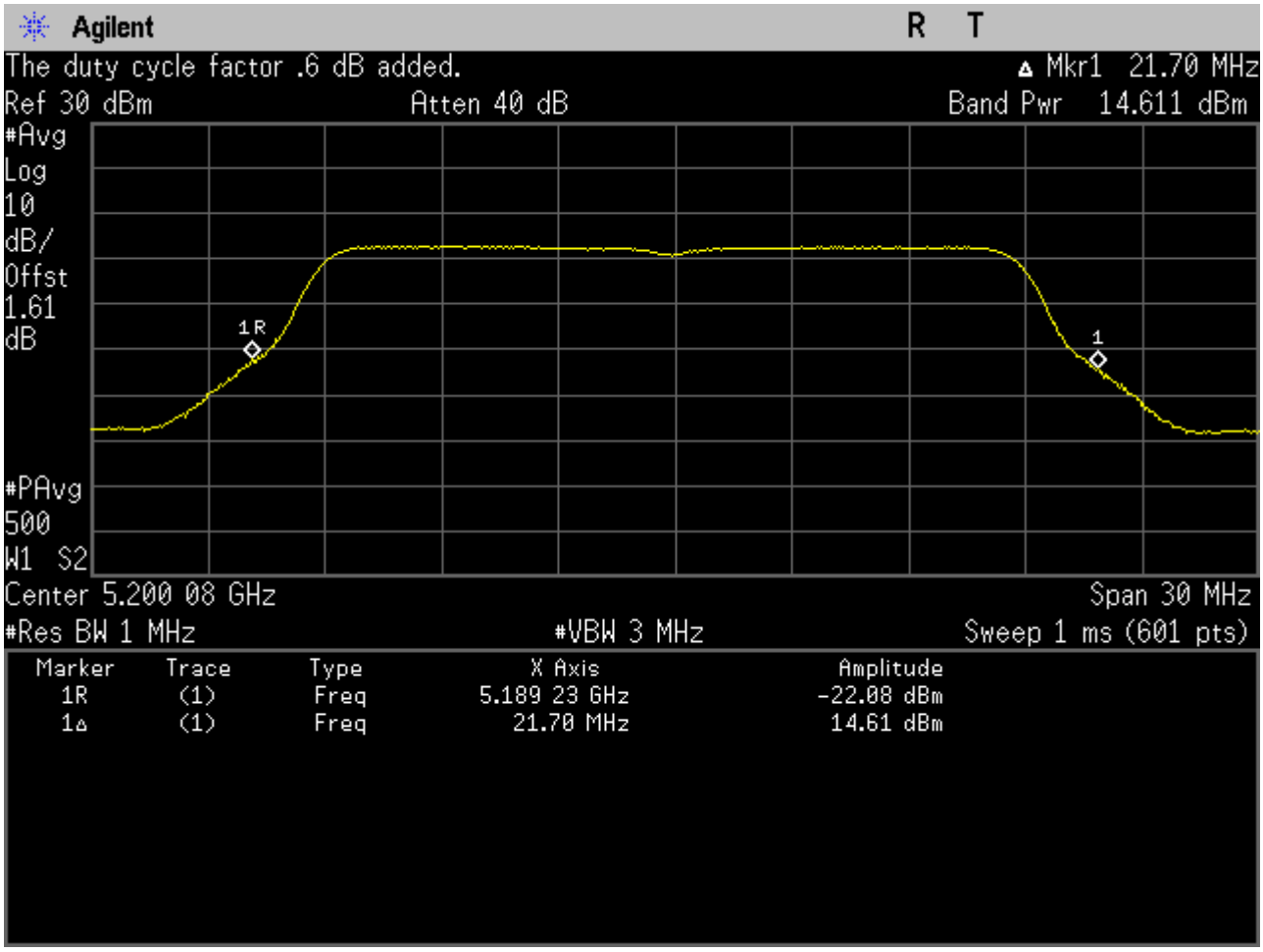
4.9 11A_140



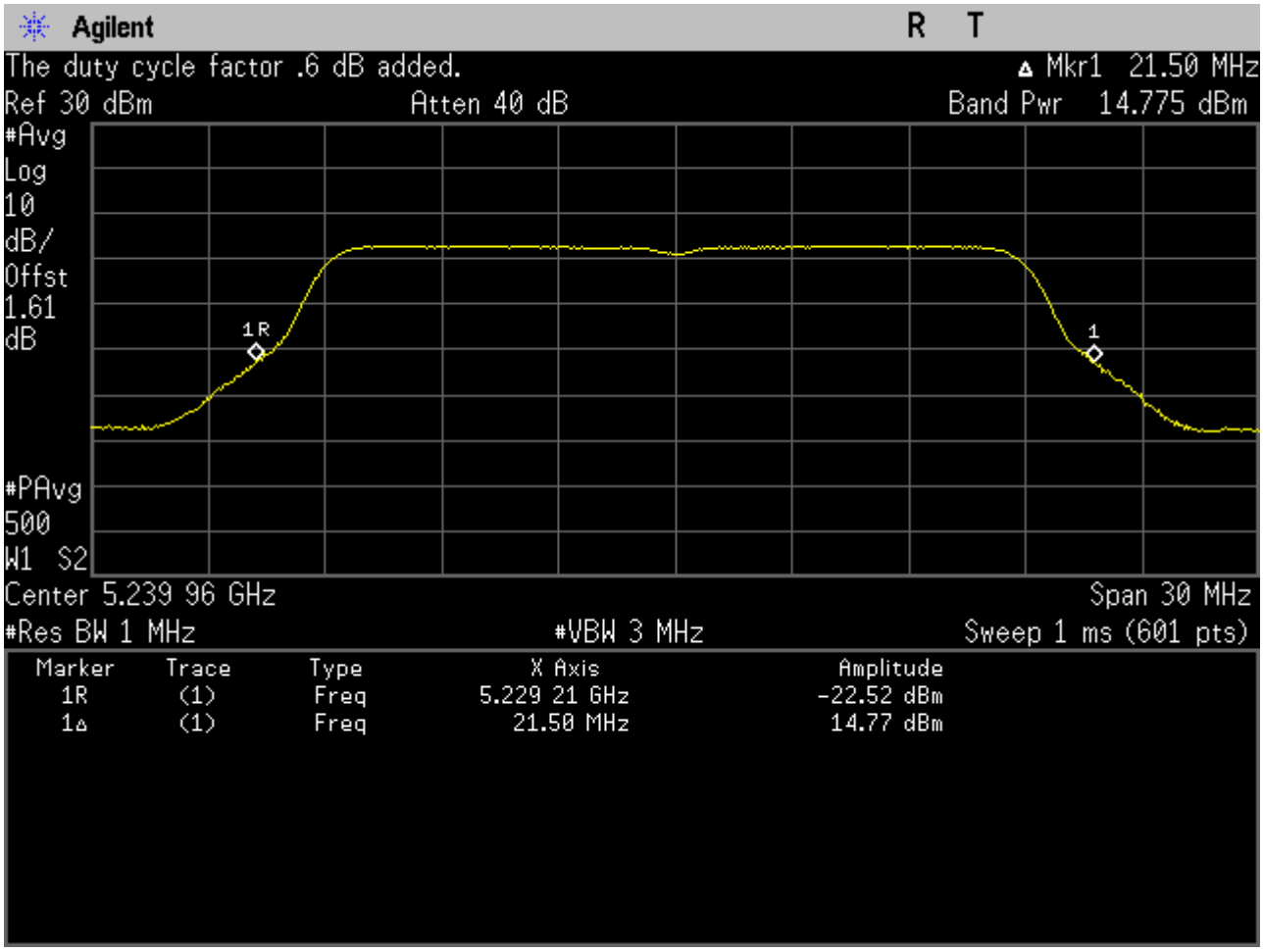
4.1011N20_36



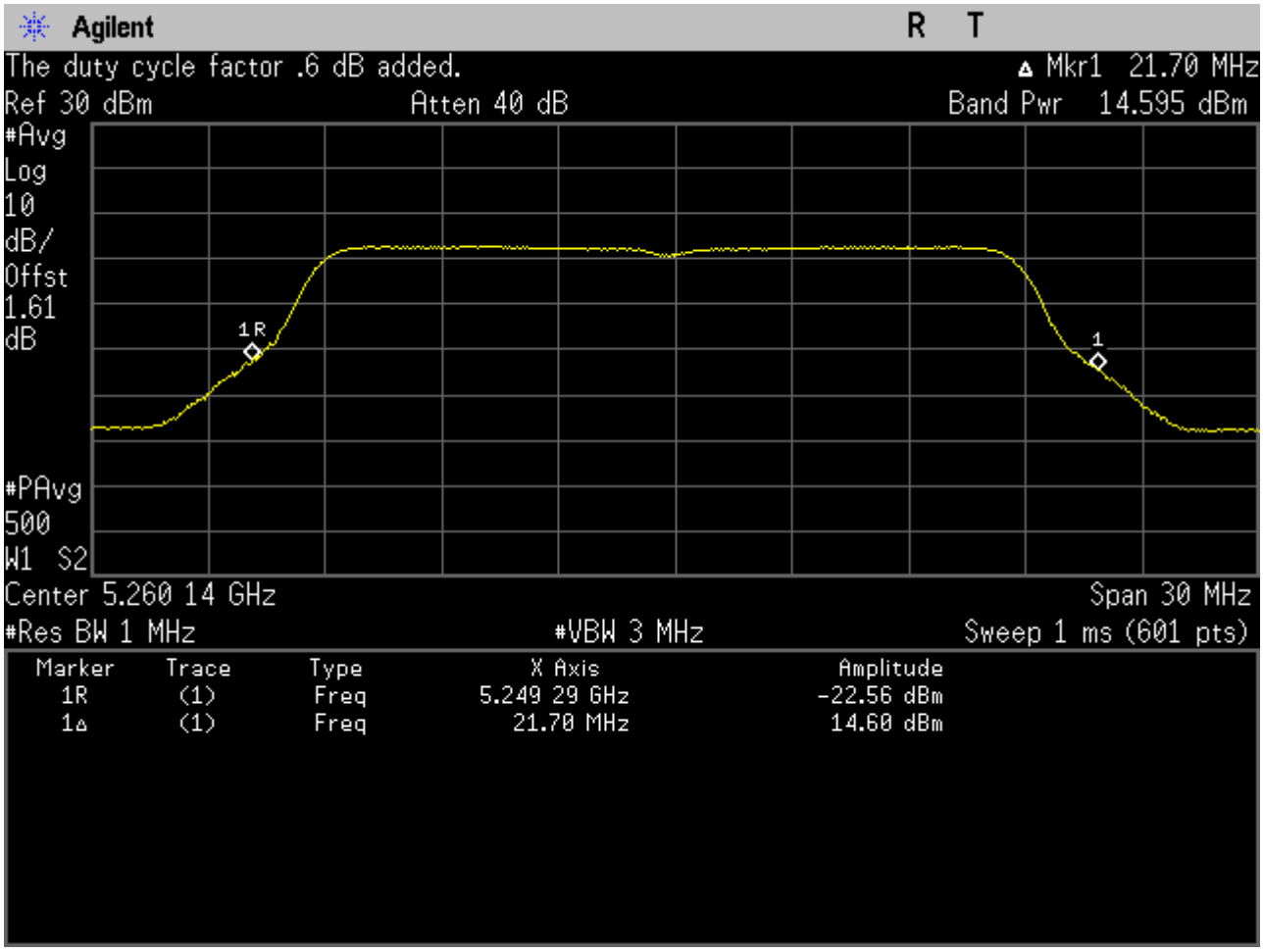
4.1111N20_40



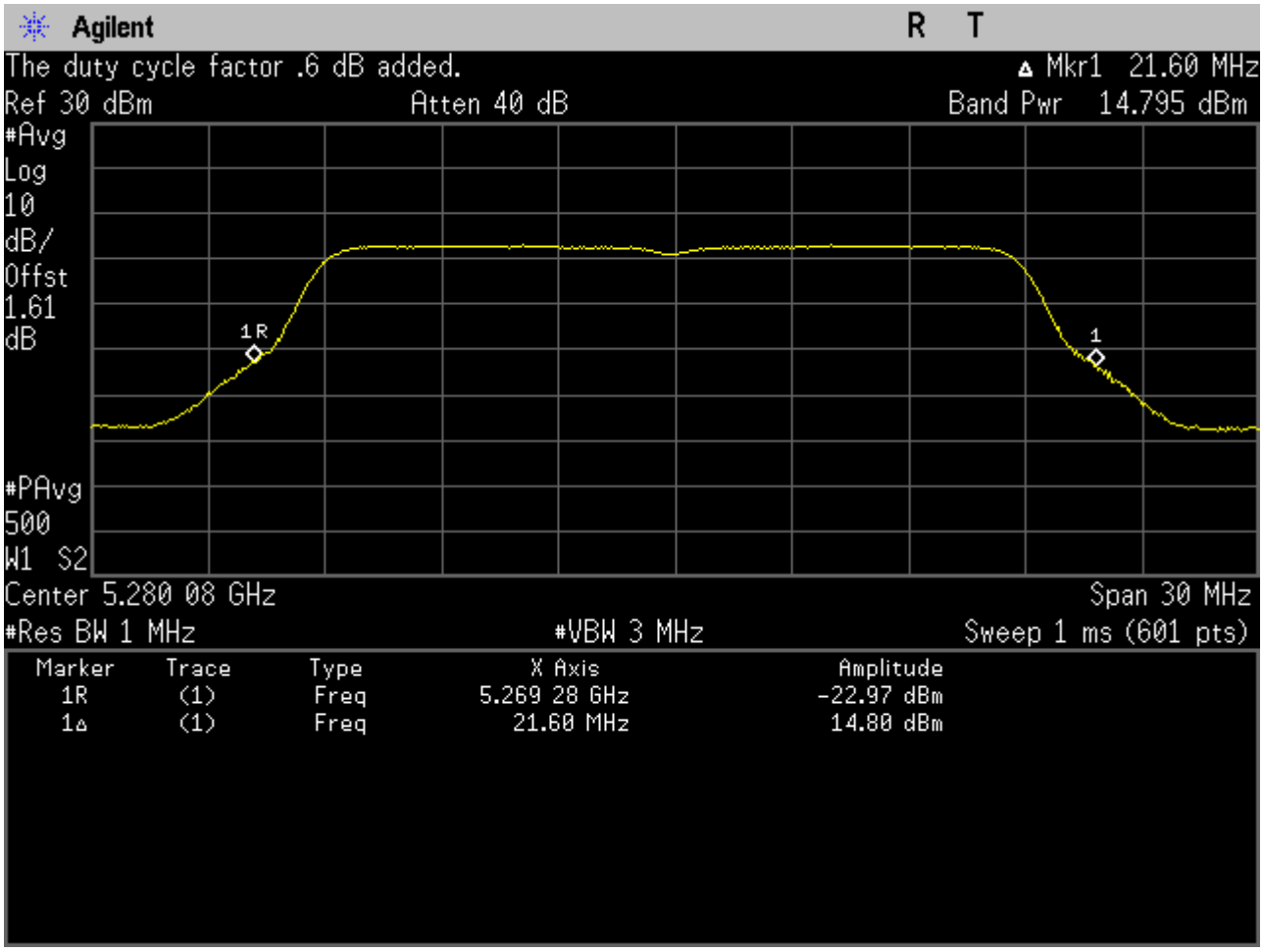
4.1211N20_48



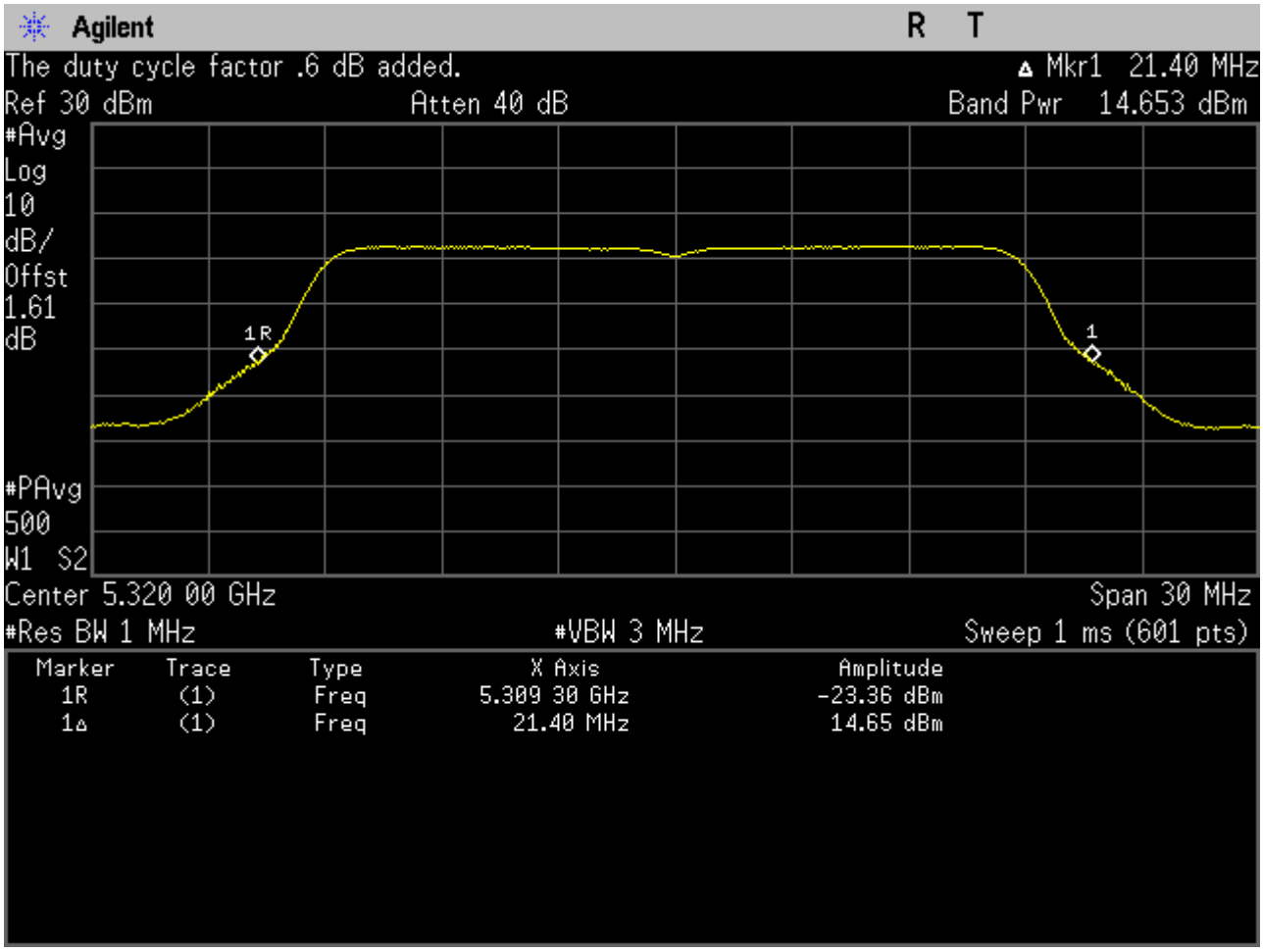
4.1311N20_52



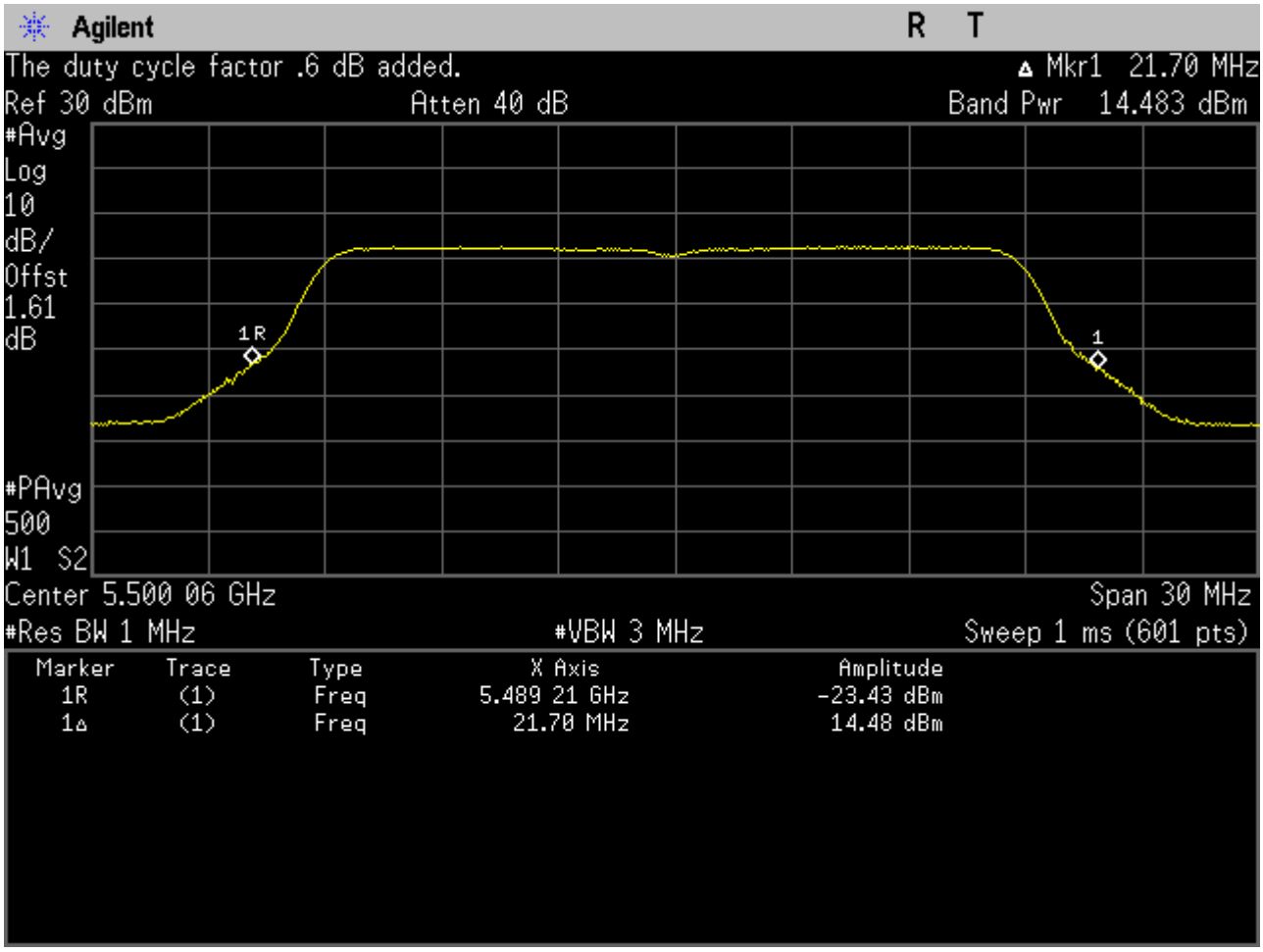
4.1411N20_56



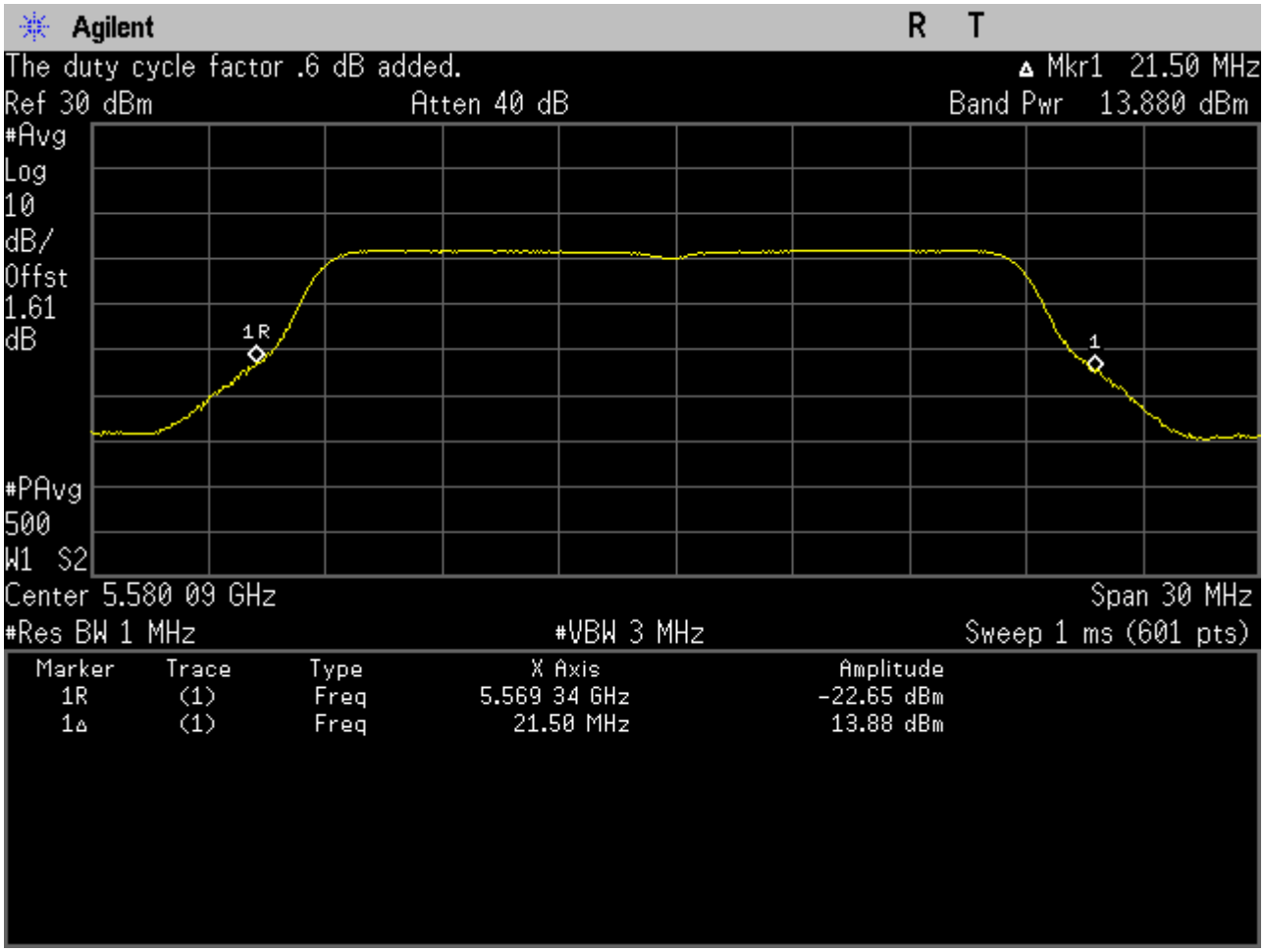
4.1511N20_64



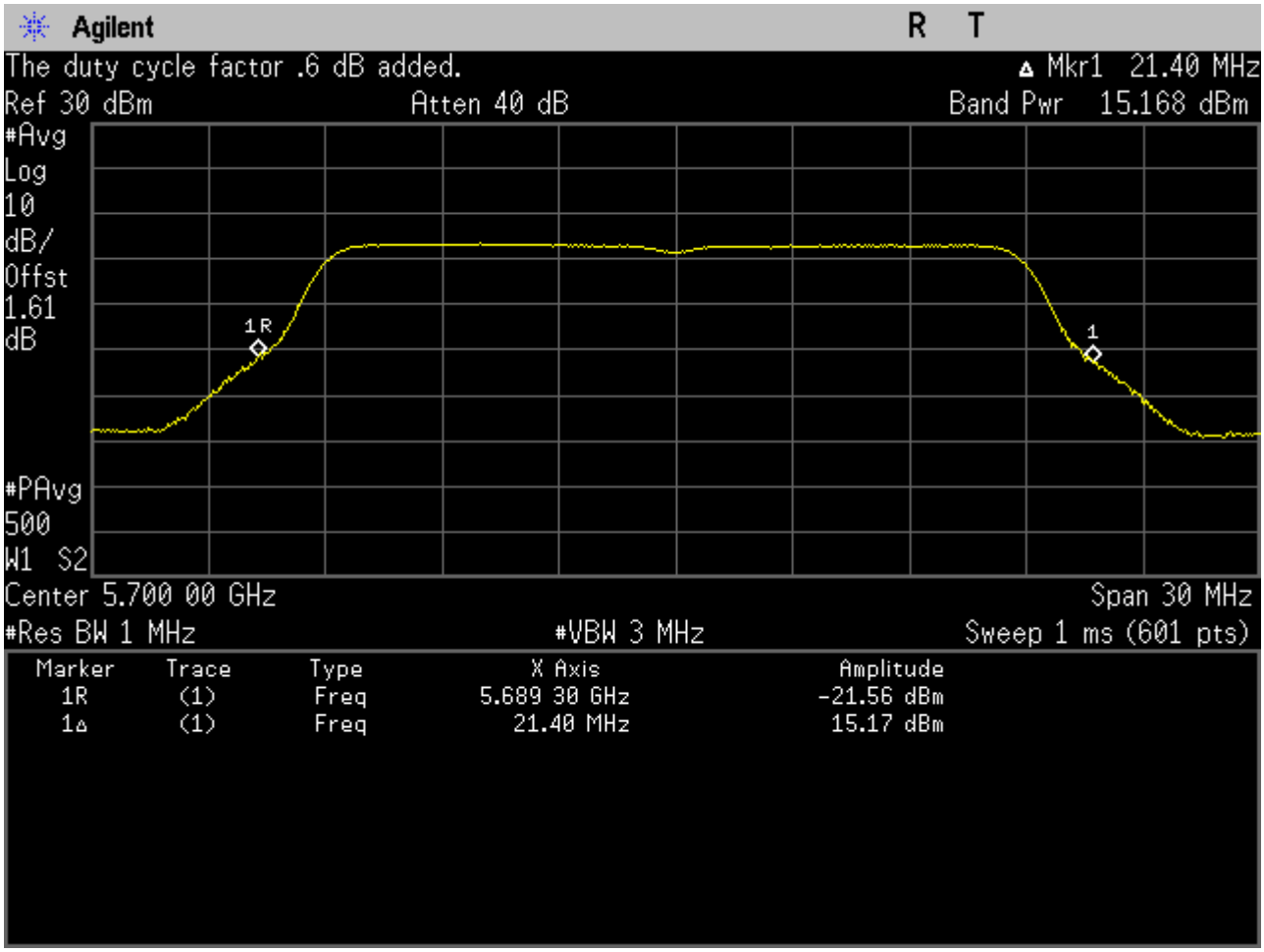
4.1611N20_100



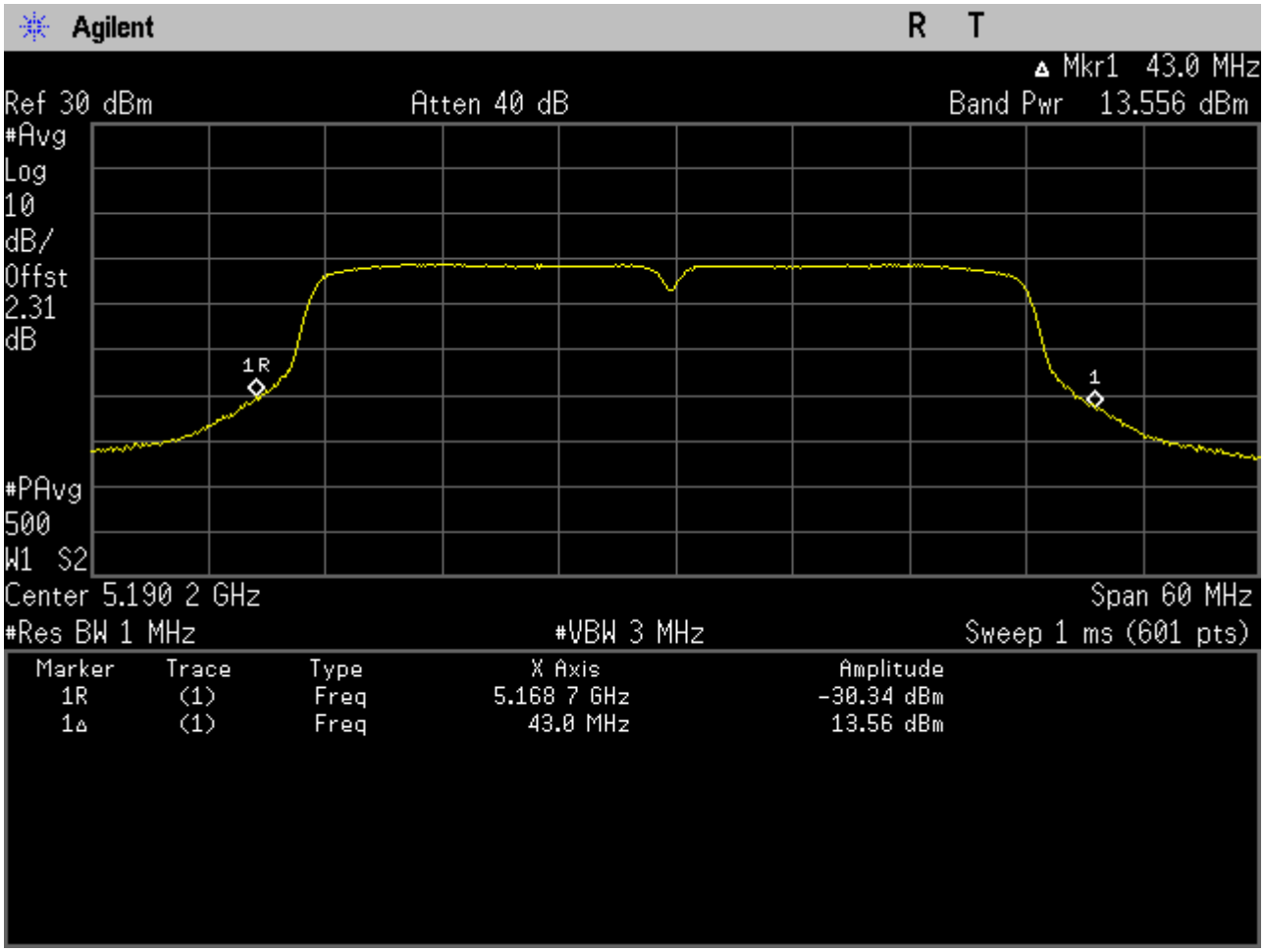
4.1711N20_116



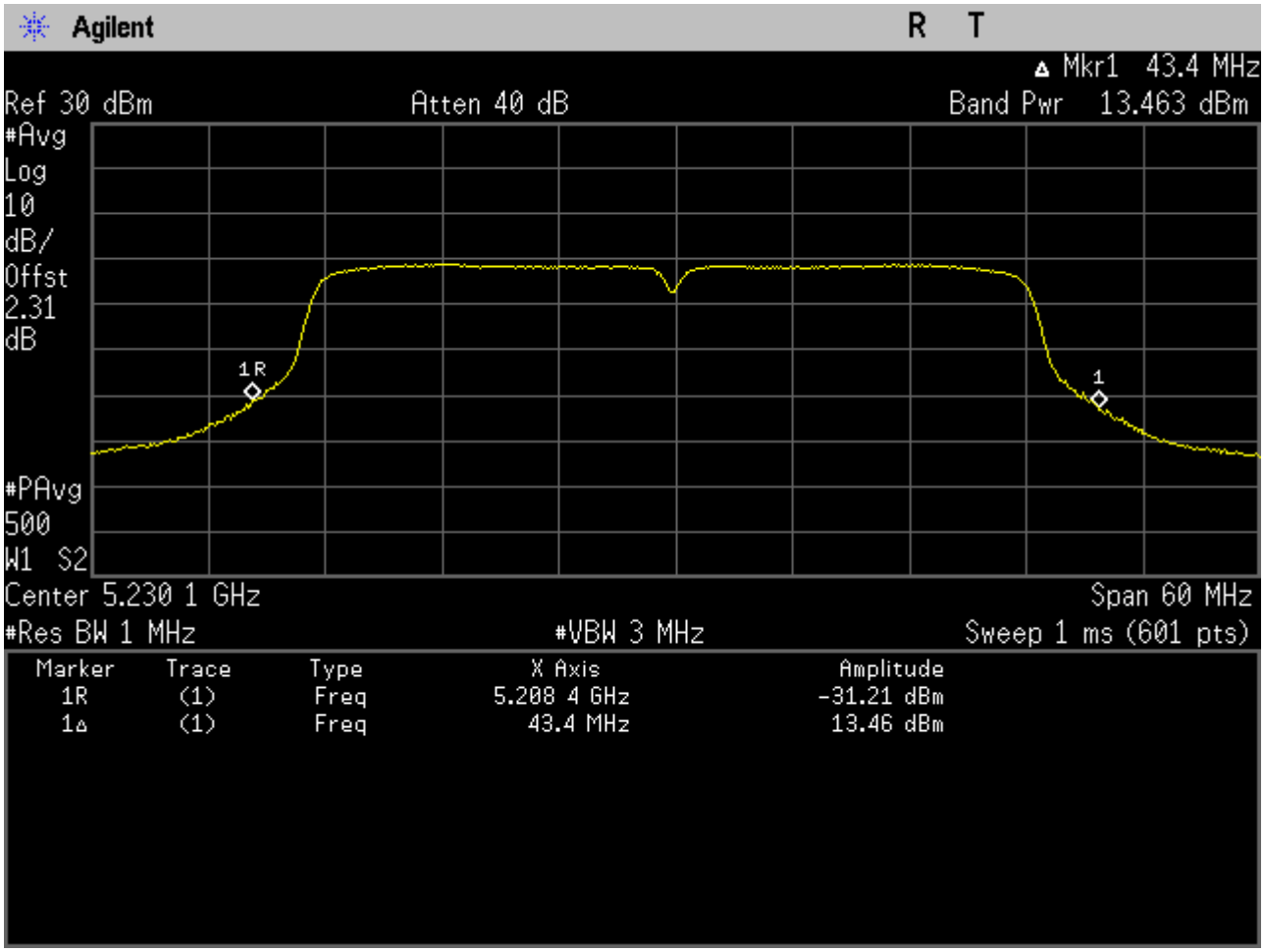
4.1811N20_140



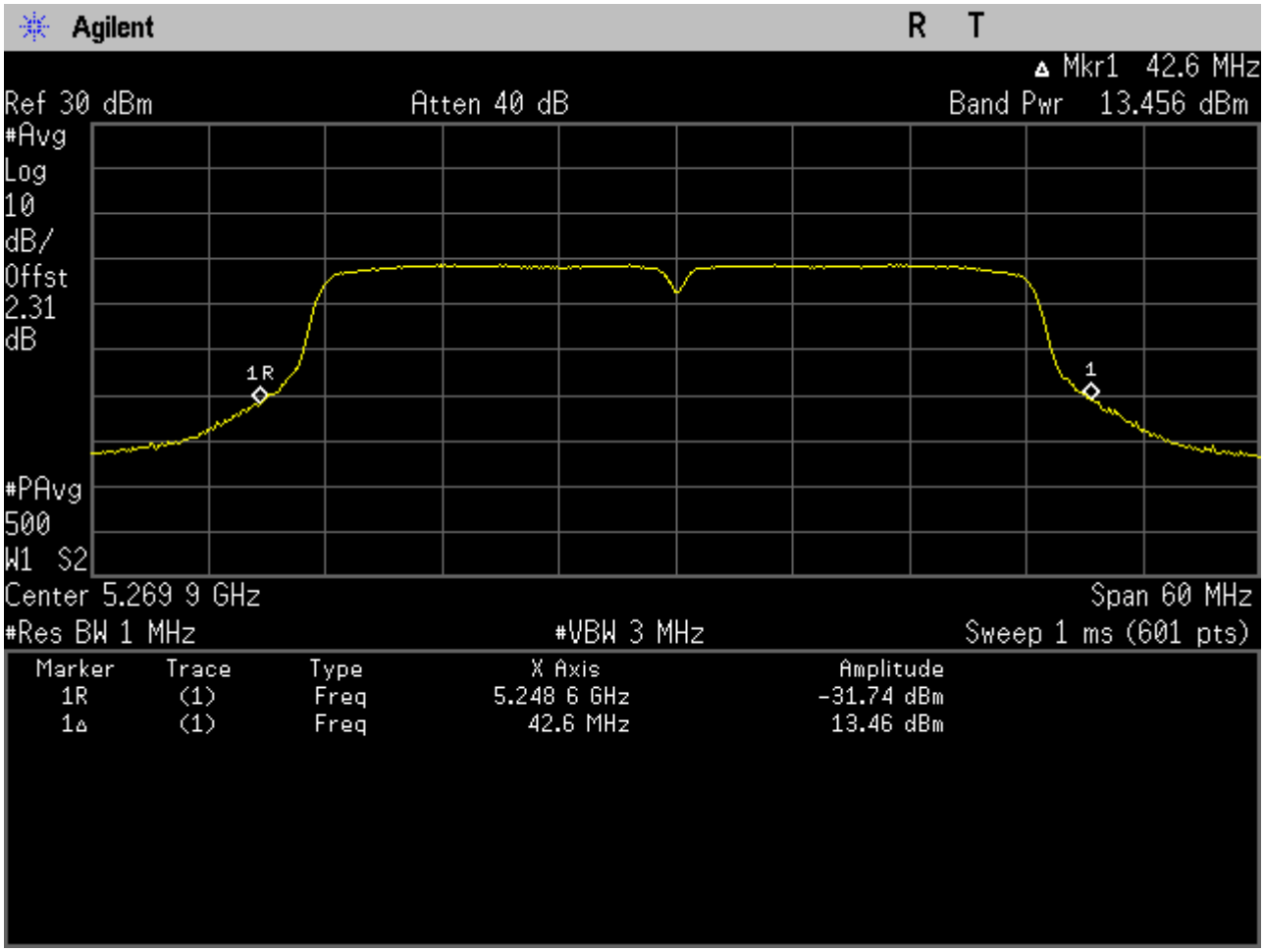
4.1911N40_38



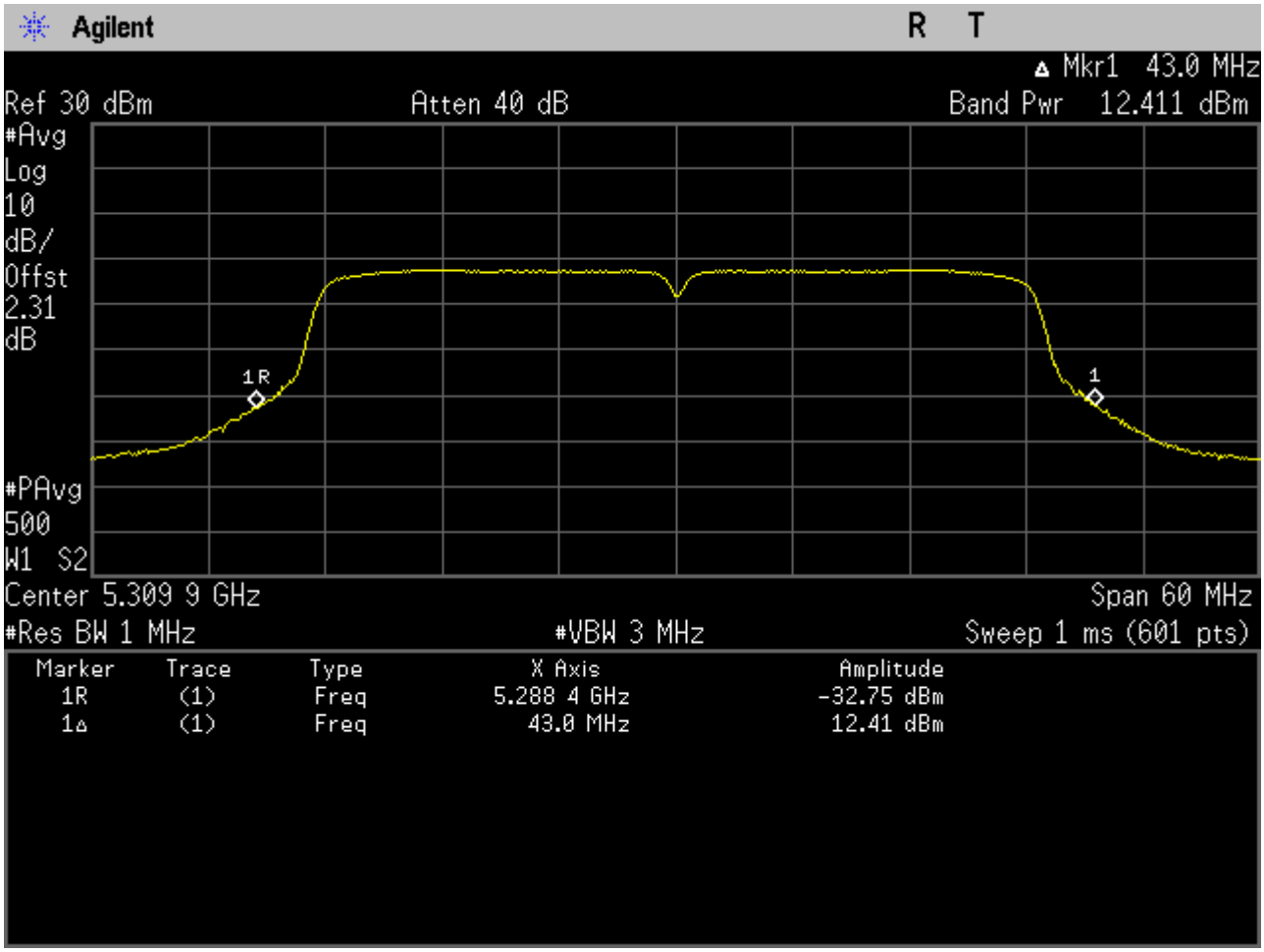
4.2011N40_46



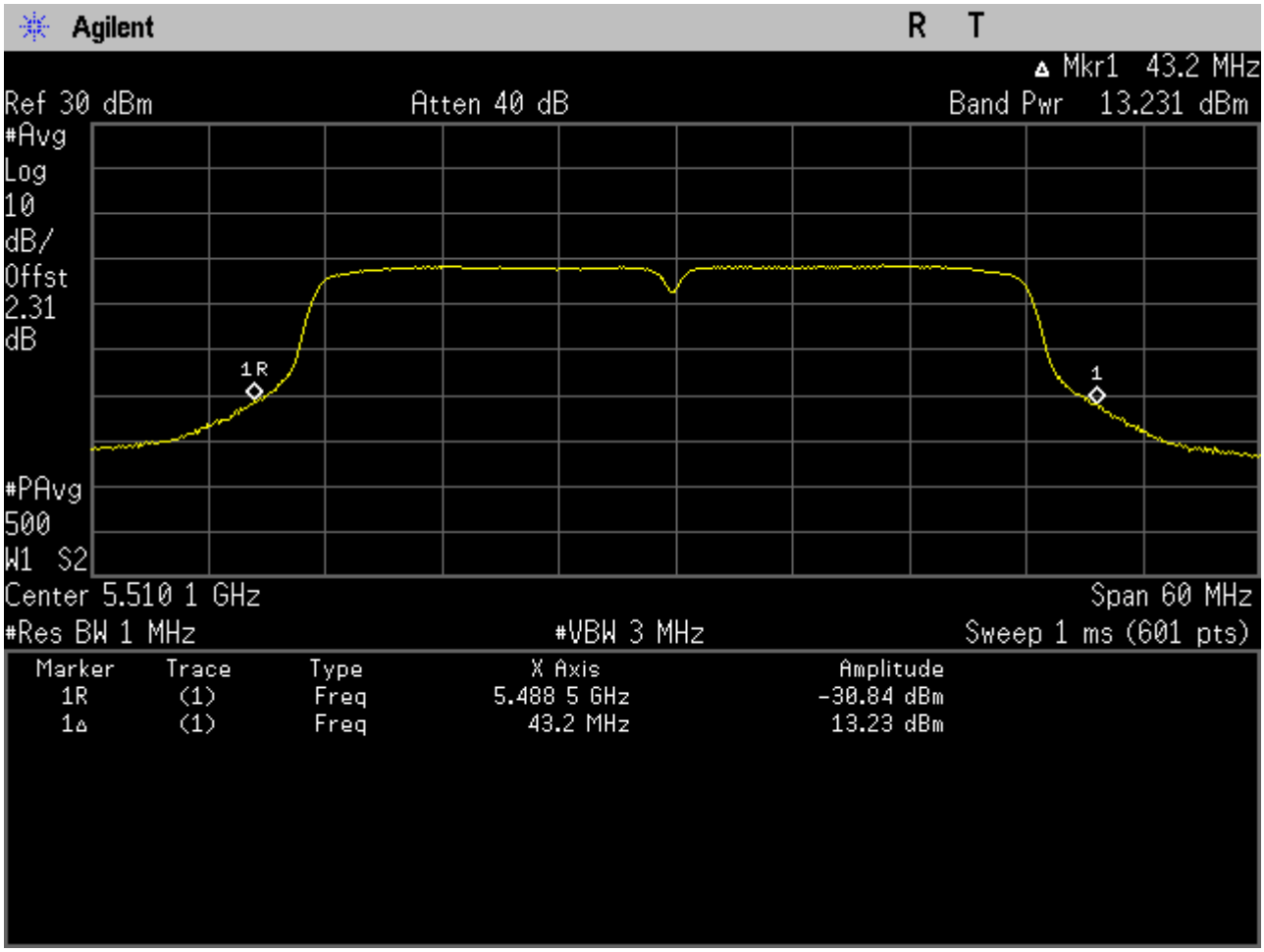
4.2111N40_54



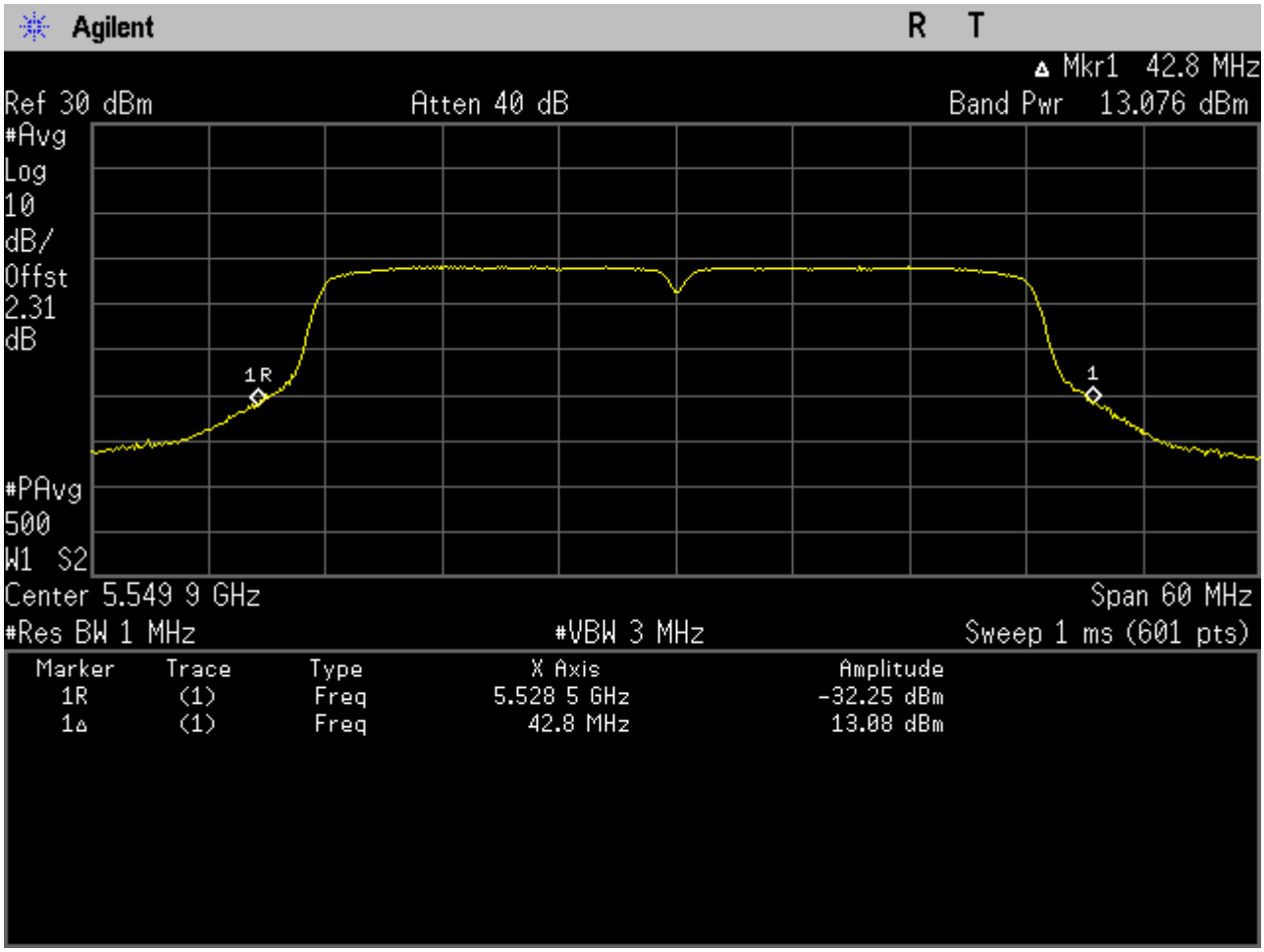
4.2211N40_62



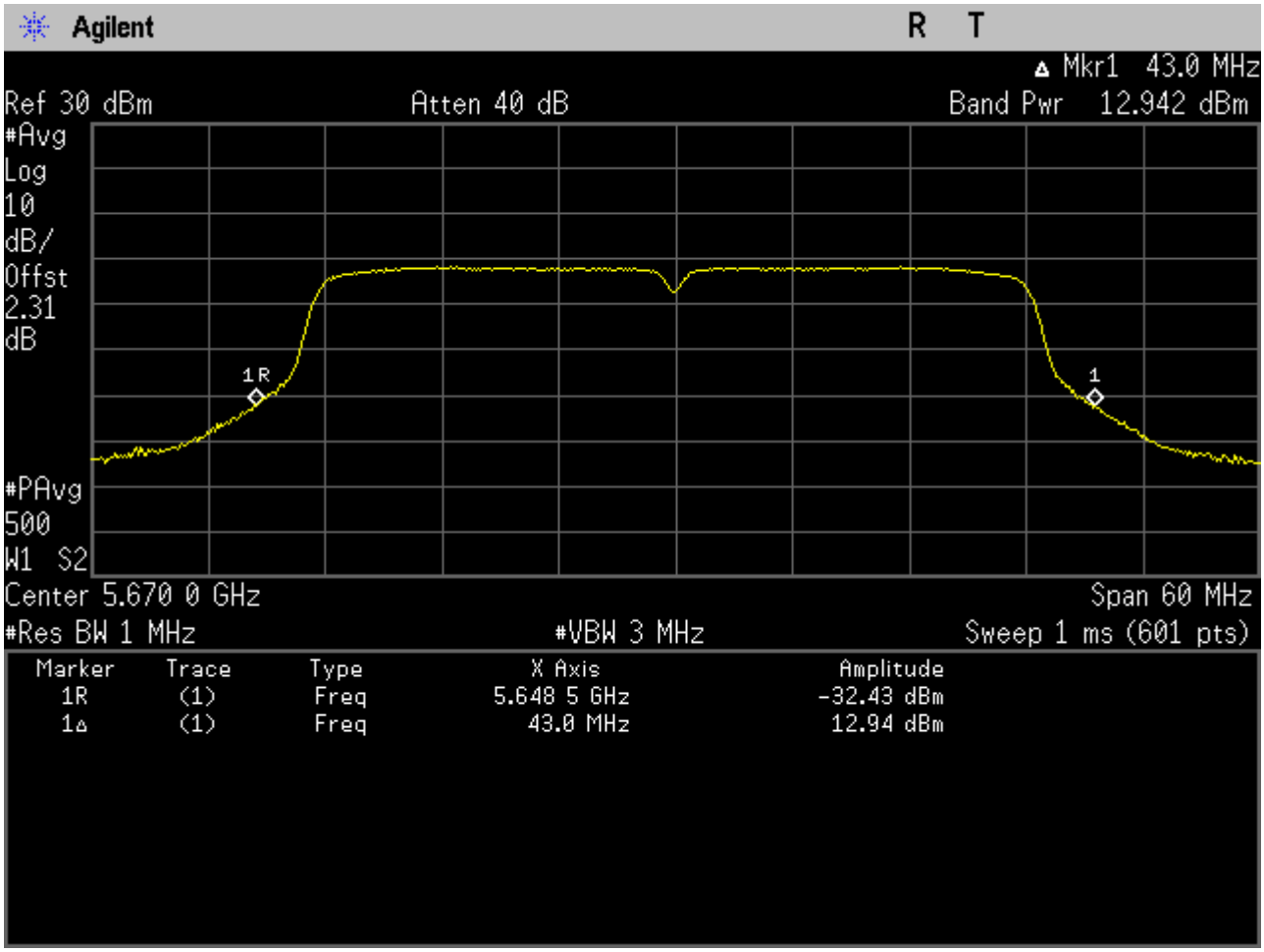
4.2311N40_102



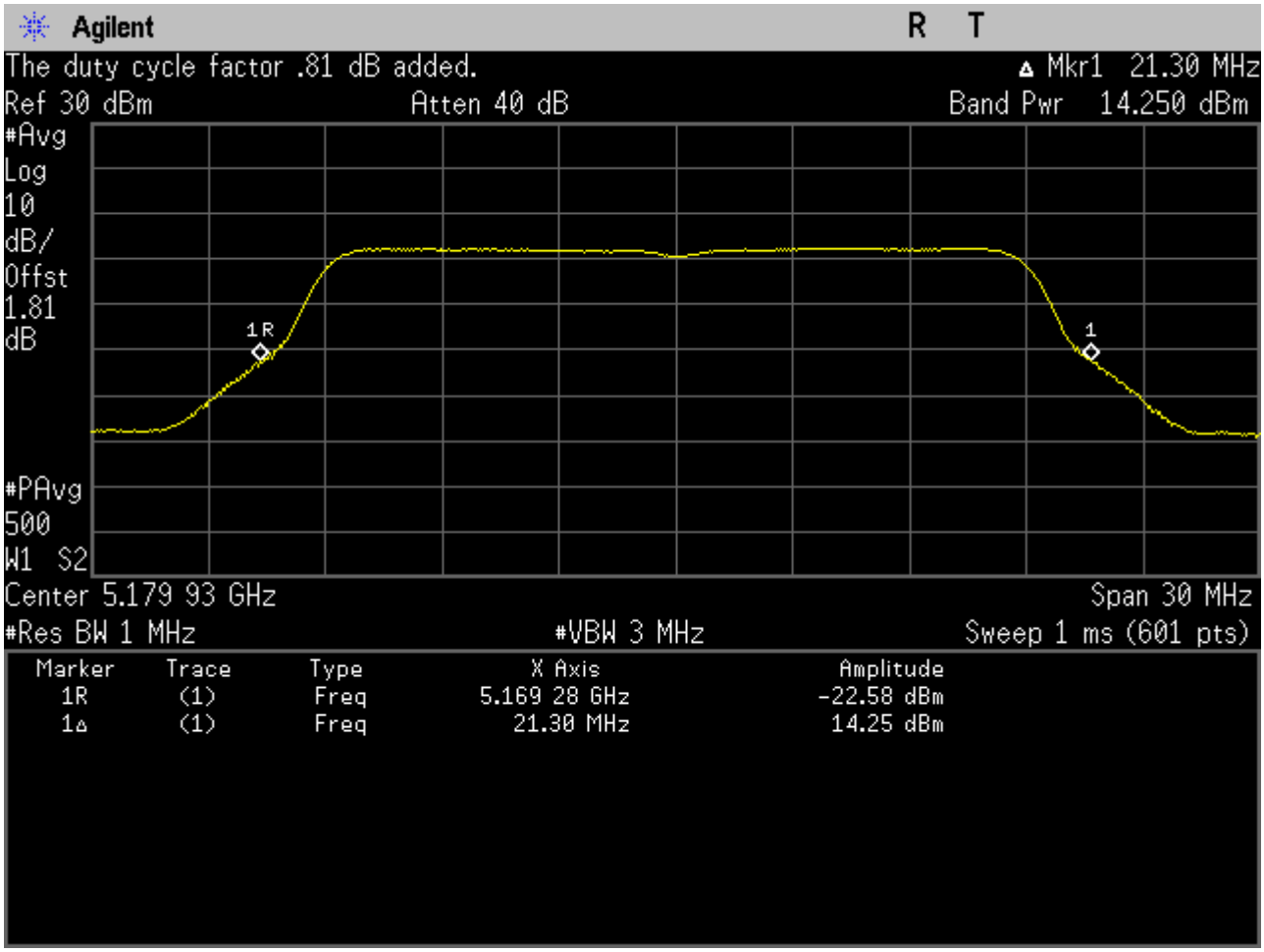
4.2411N40_110



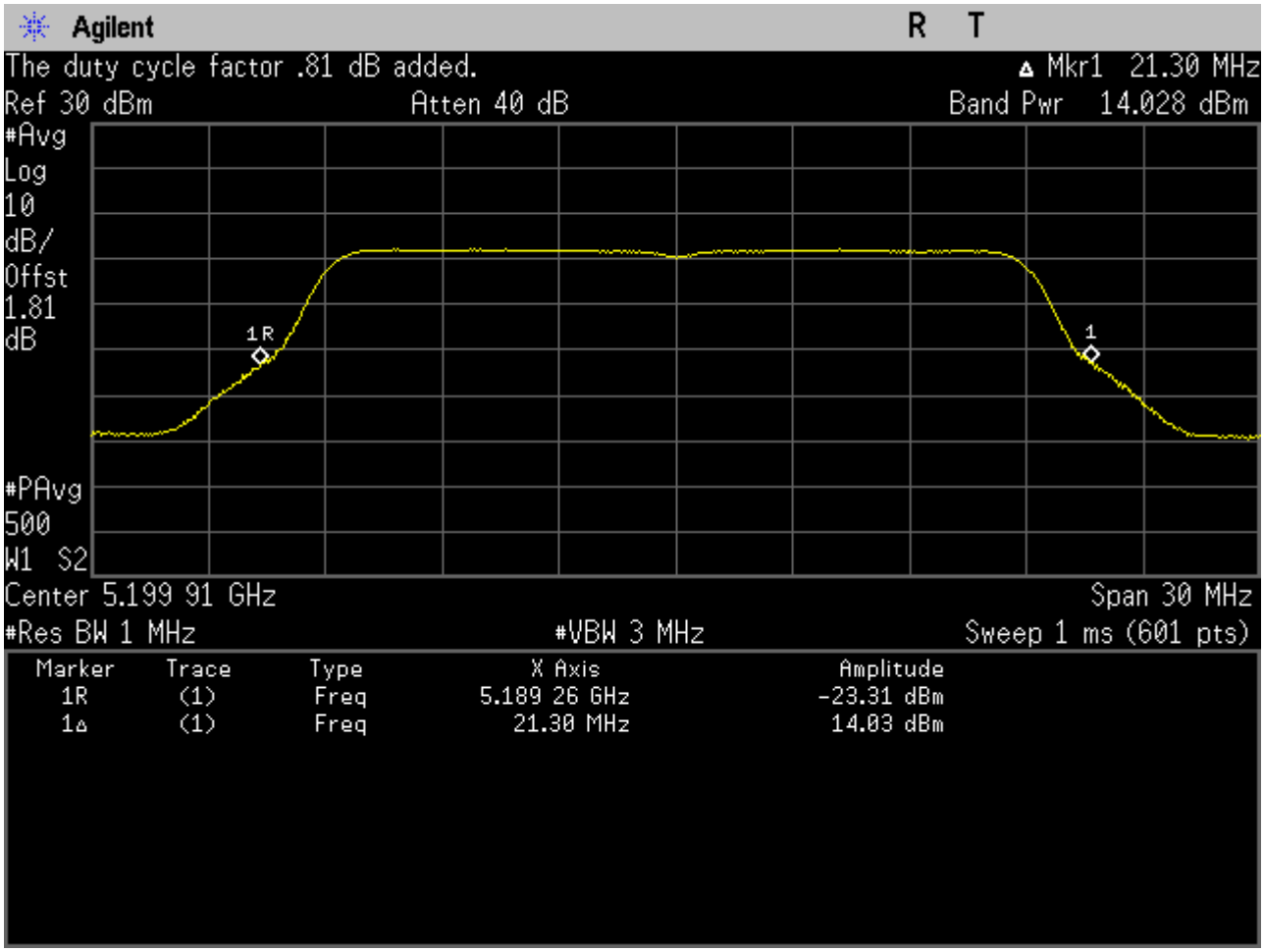
4.2511N40_134



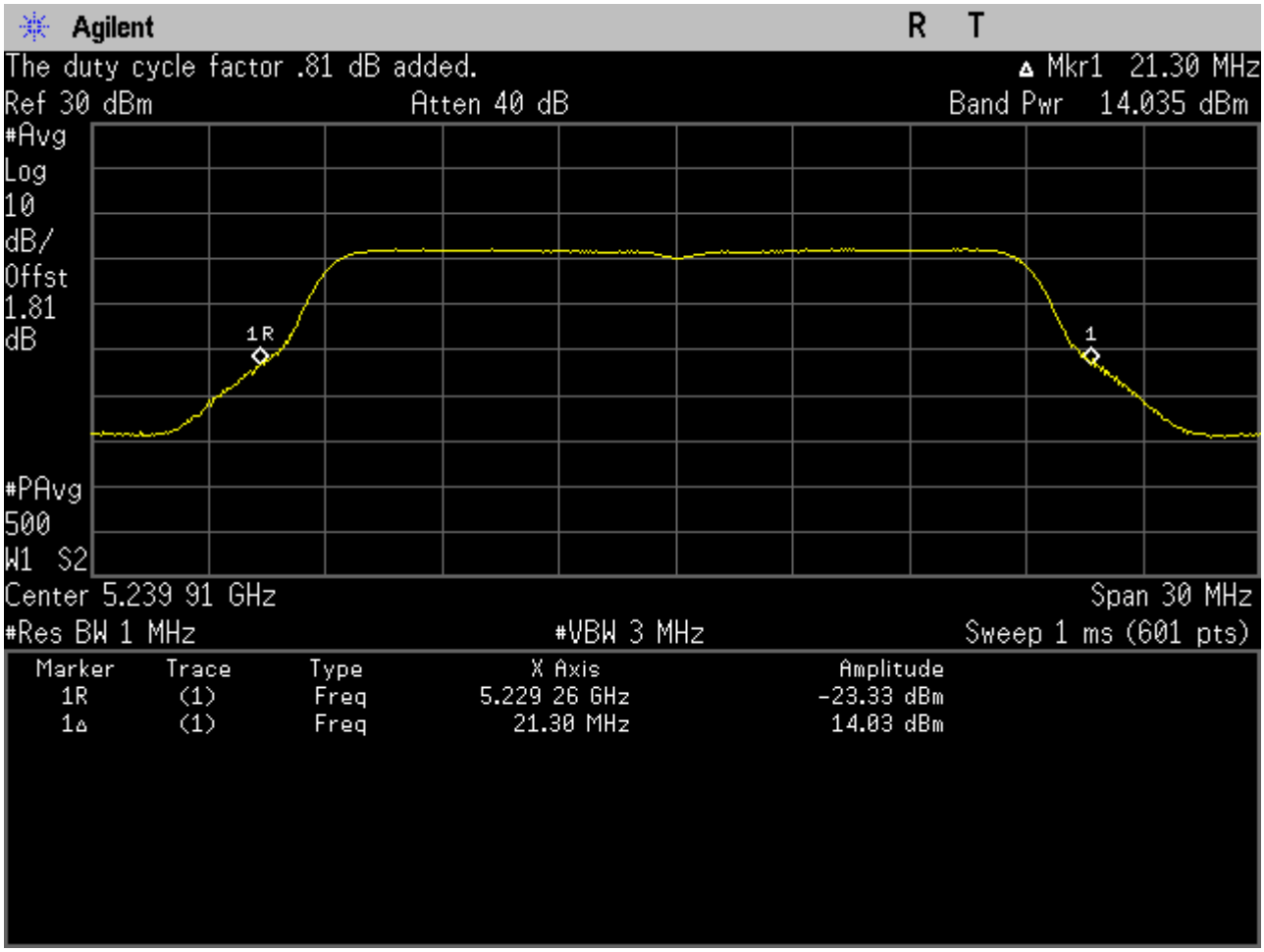
4.2611AC20_36



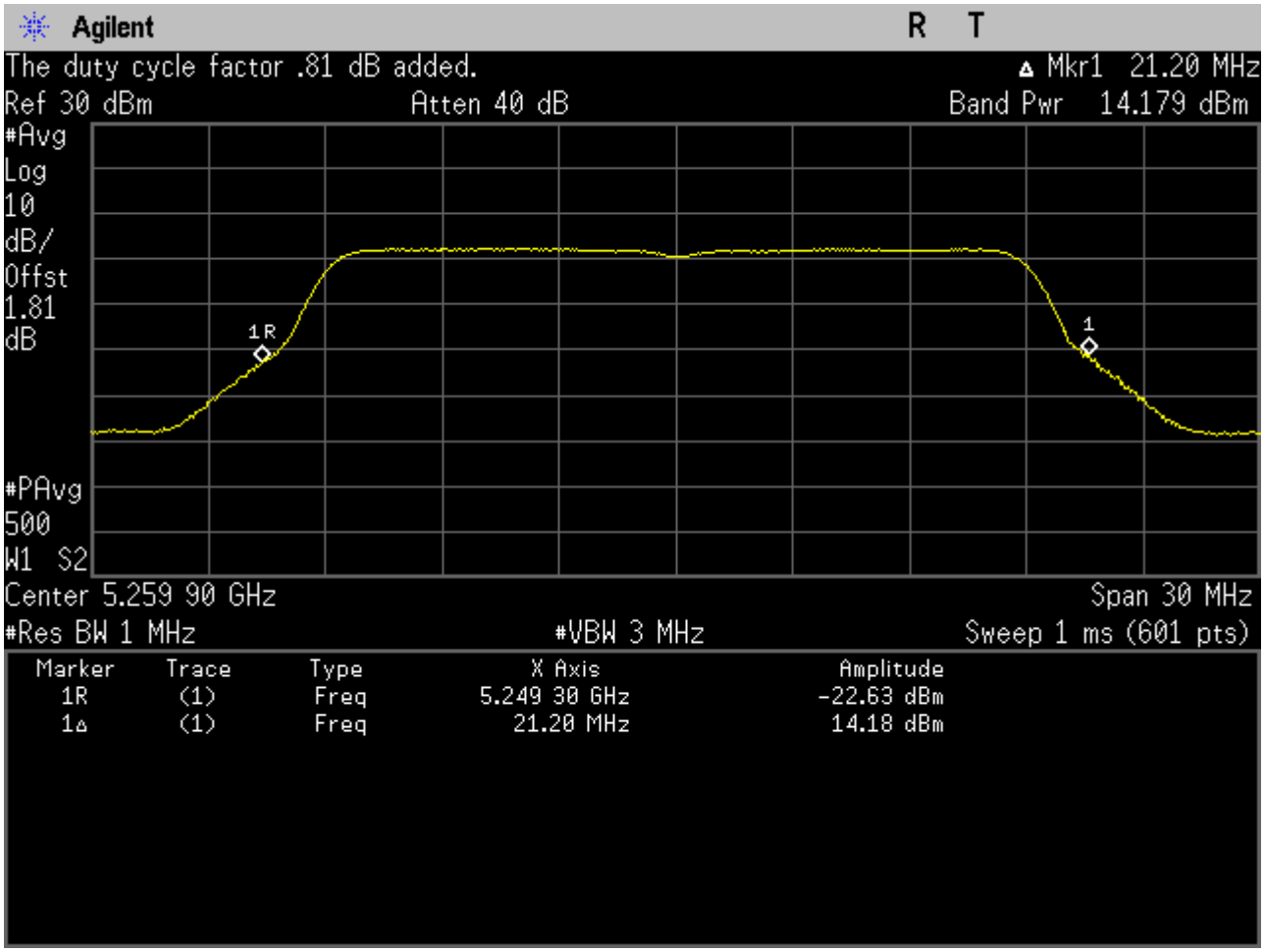
4.2711AC20_40



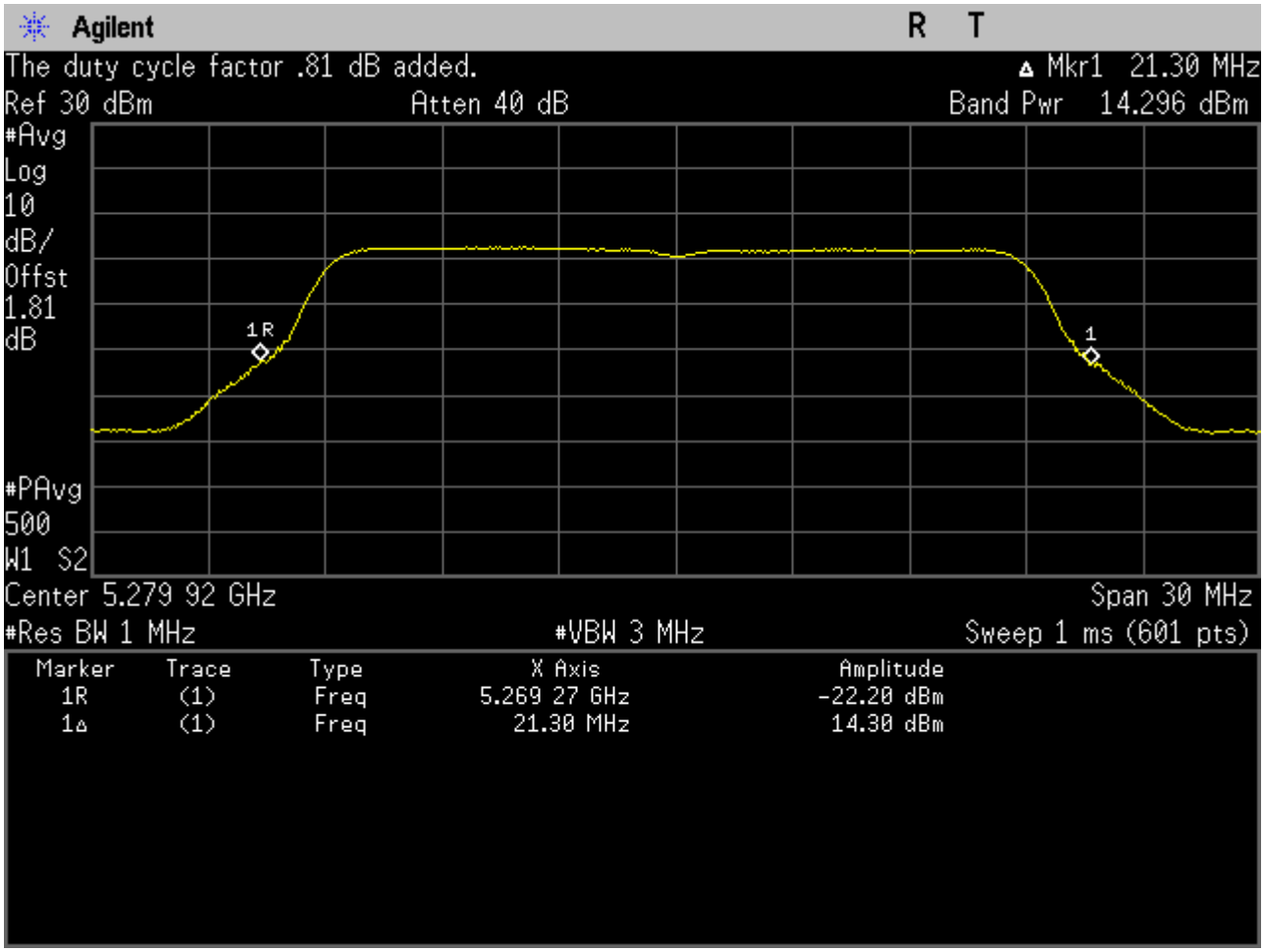
4.2811AC20_48



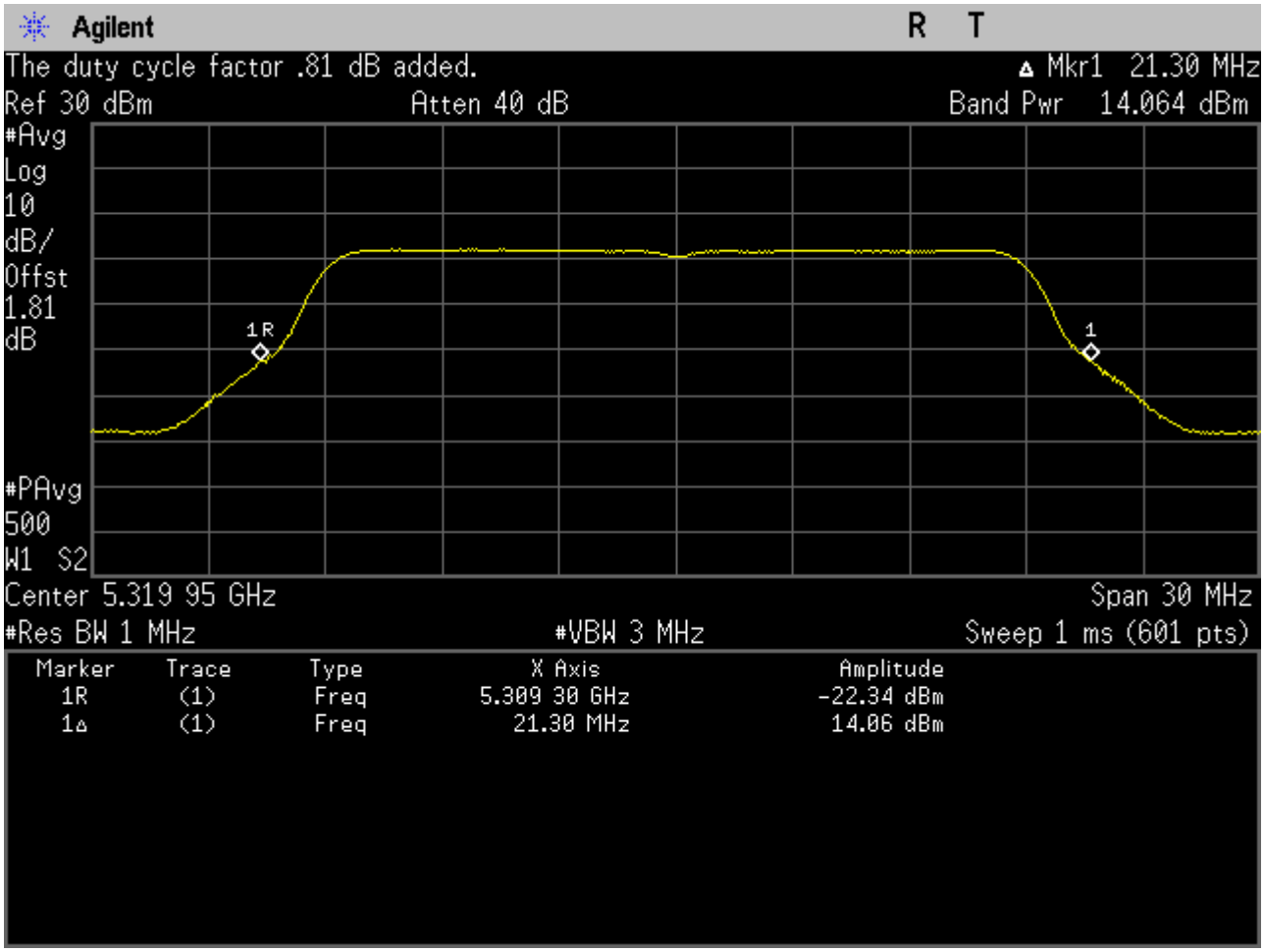
4.2911AC20_52



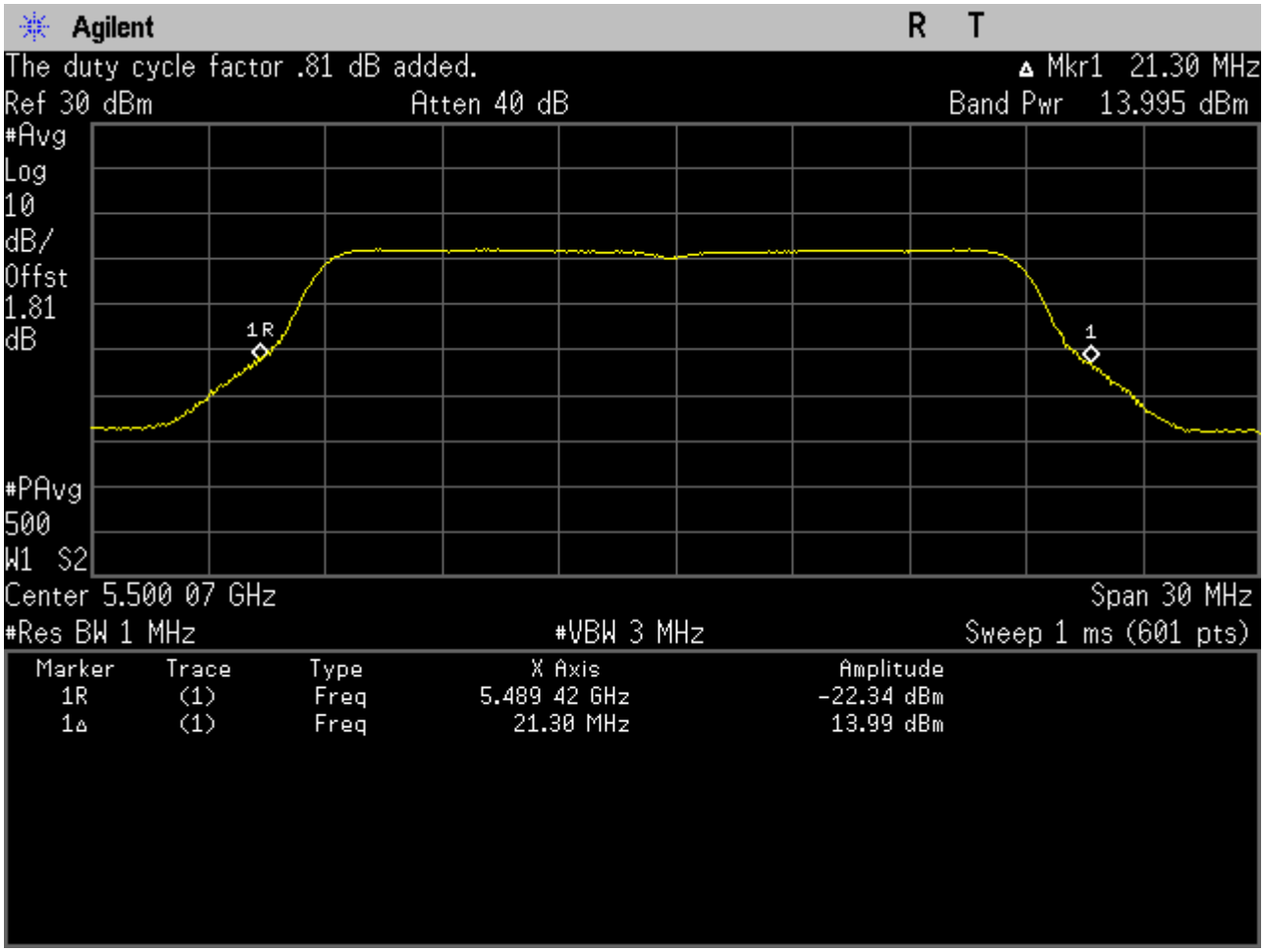
4.3011AC20_56



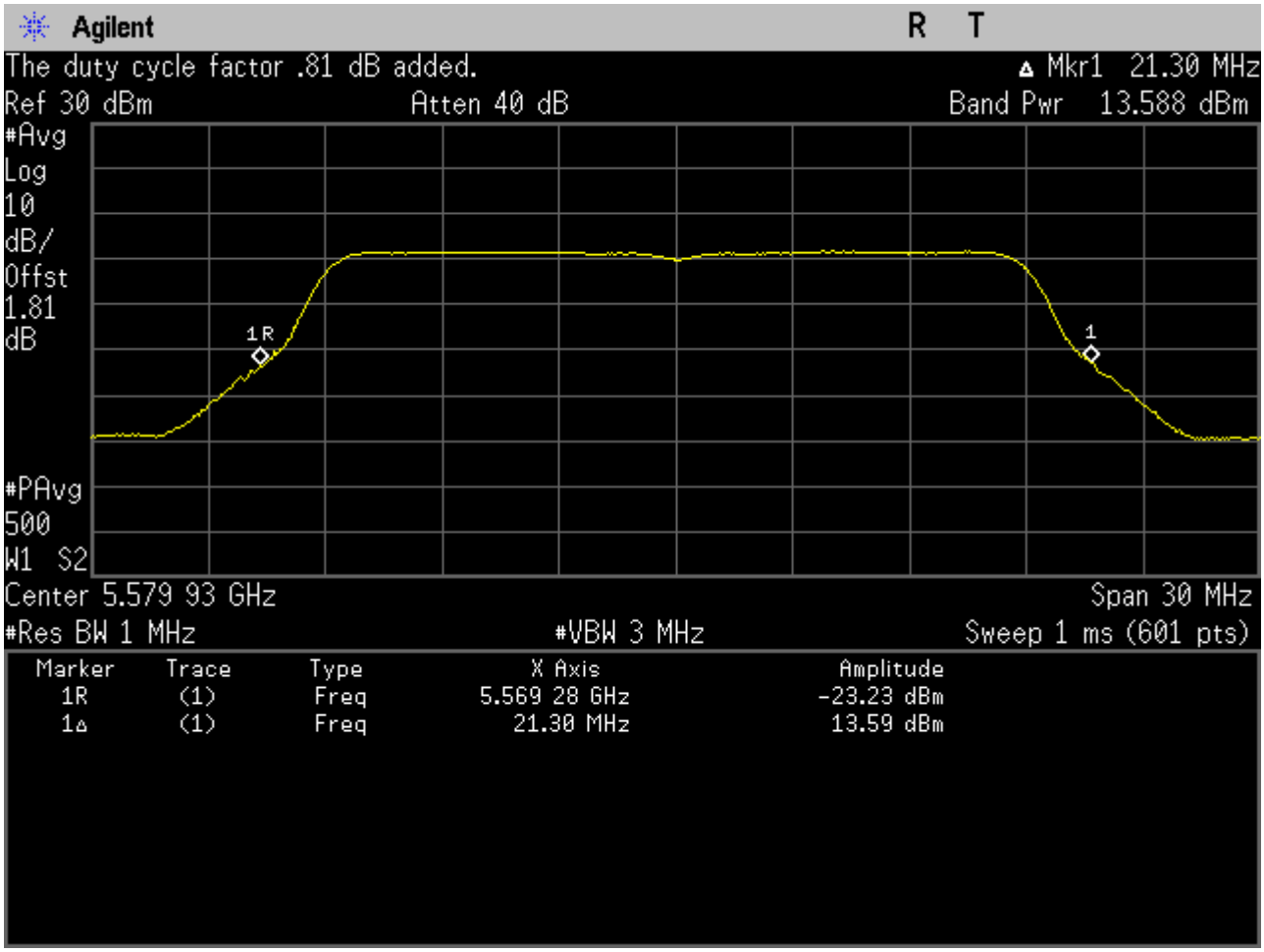
4.3111AC20_64



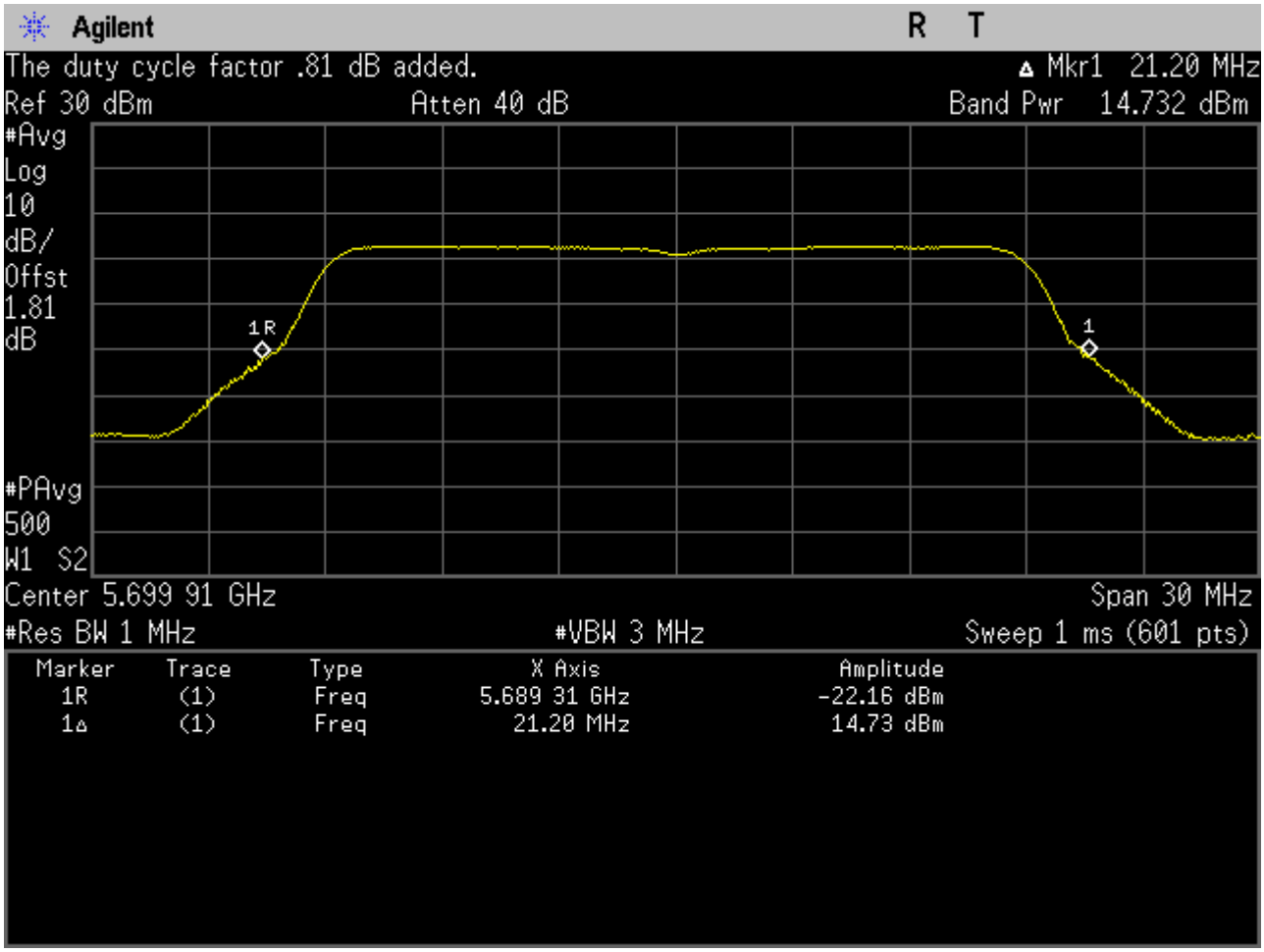
4.3211AC20_100



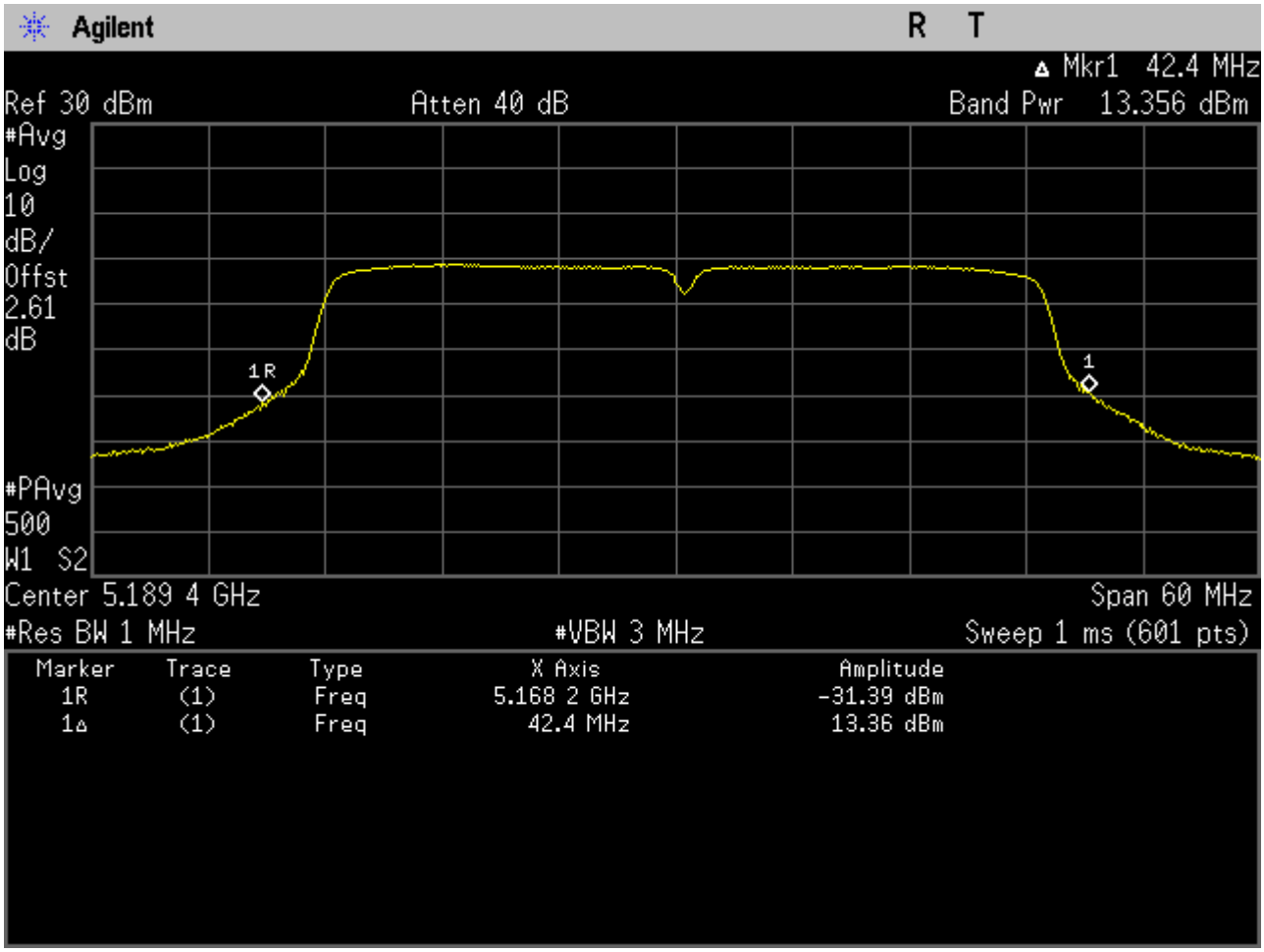
4.3311AC20_116



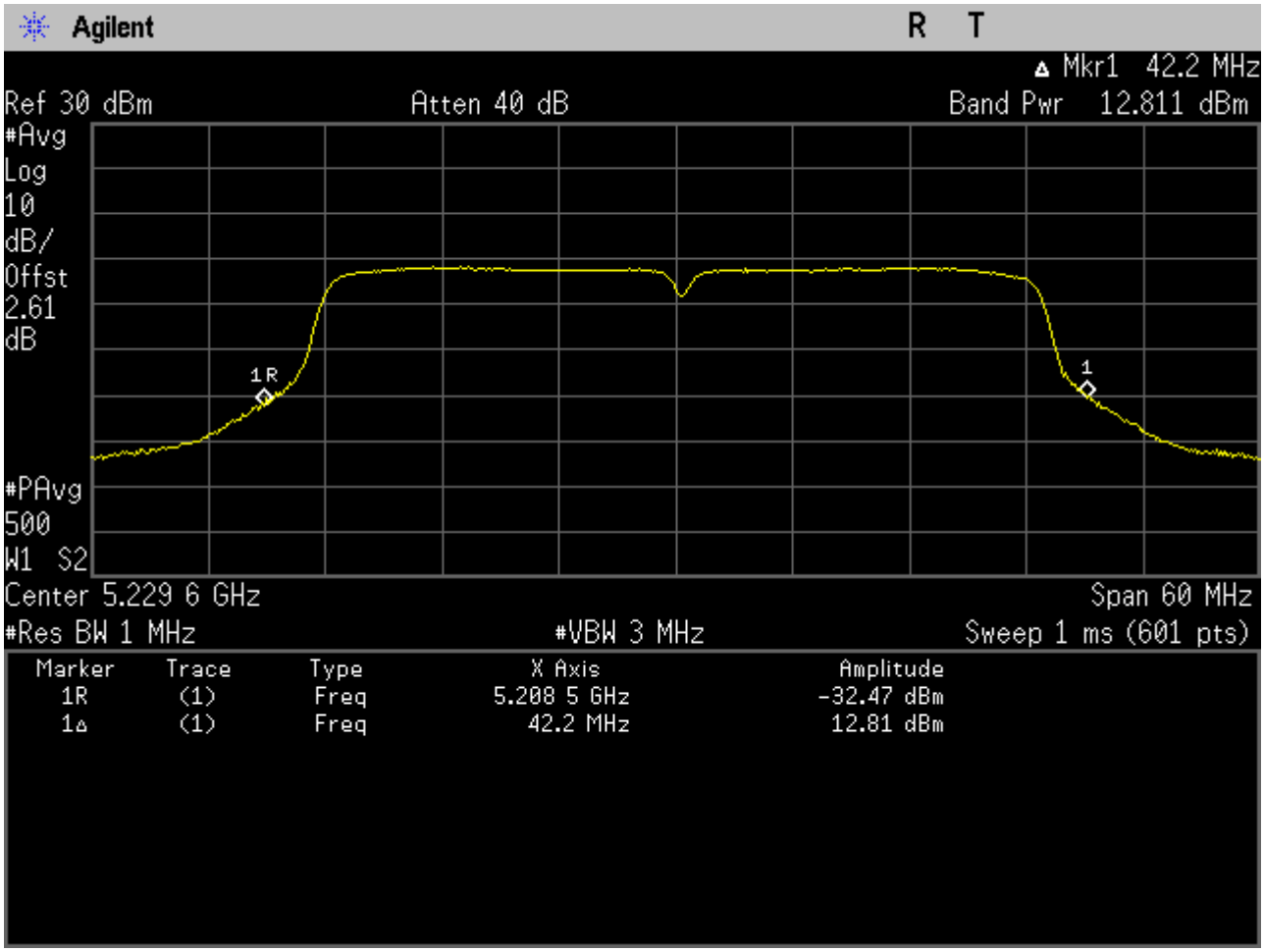
4.3411AC20_140



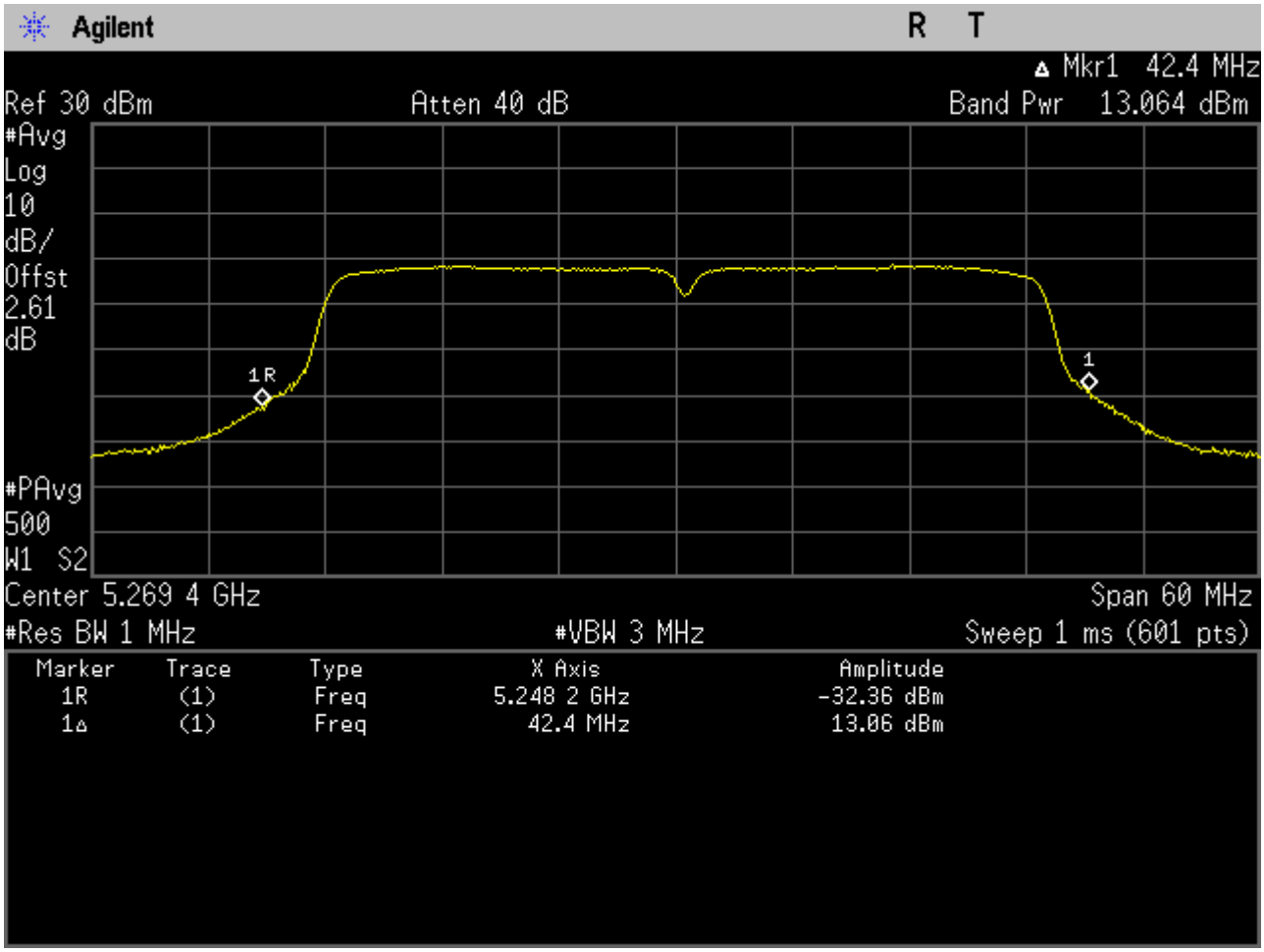
4.3511AC40_38



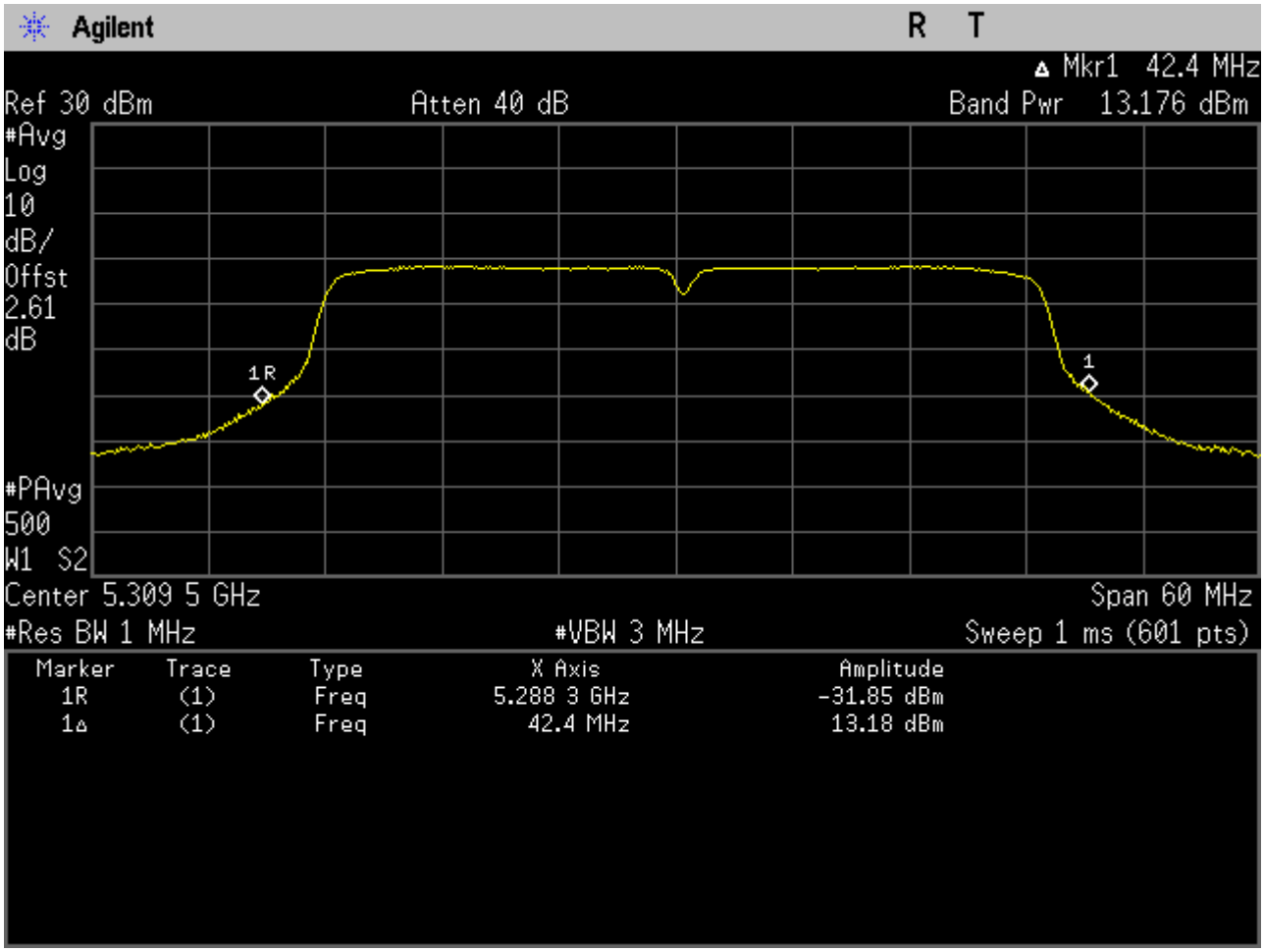
4.3611AC40_46



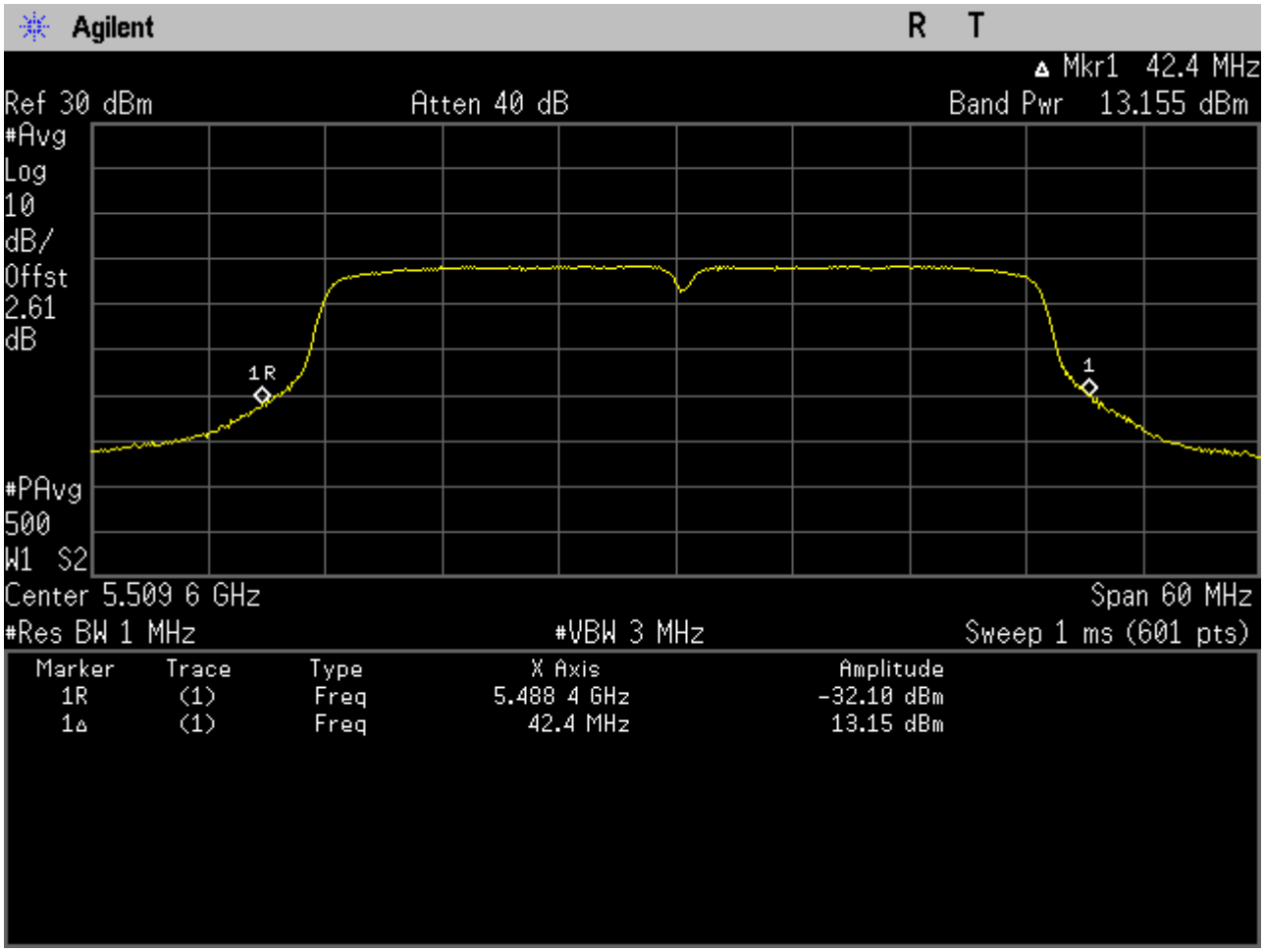
4.3711AC40_54



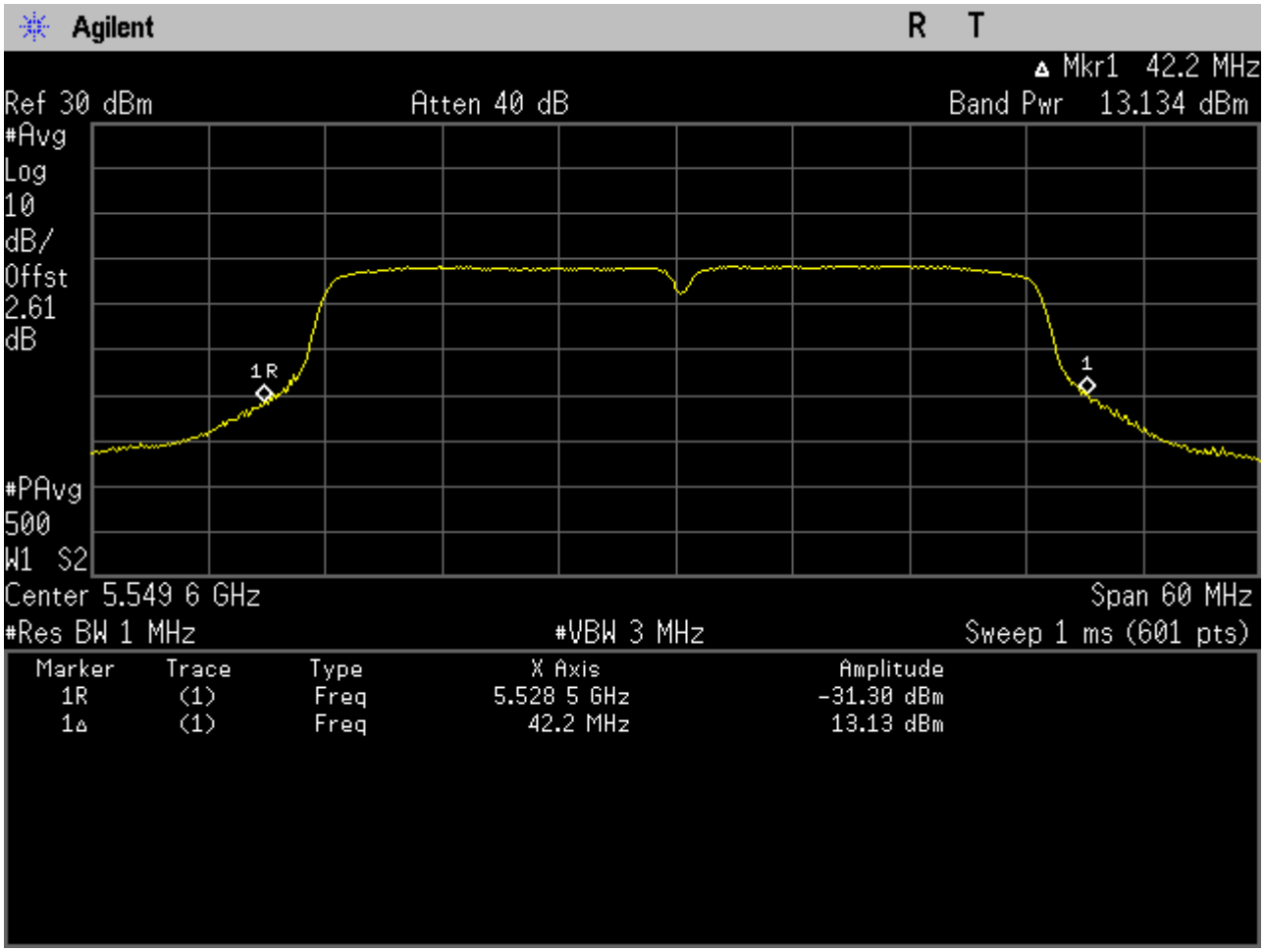
4.3811AC40_62



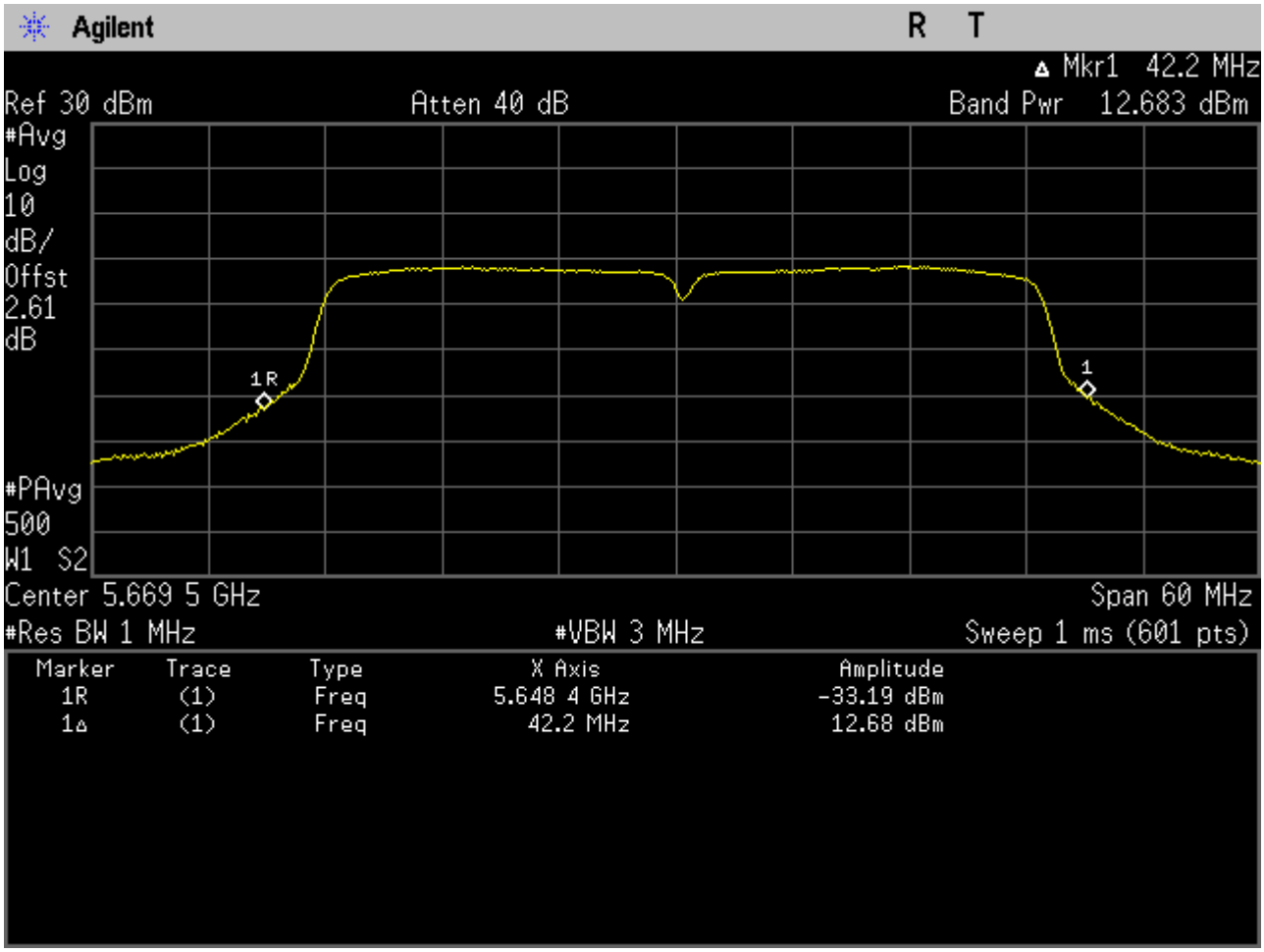
4.3911AC40_102



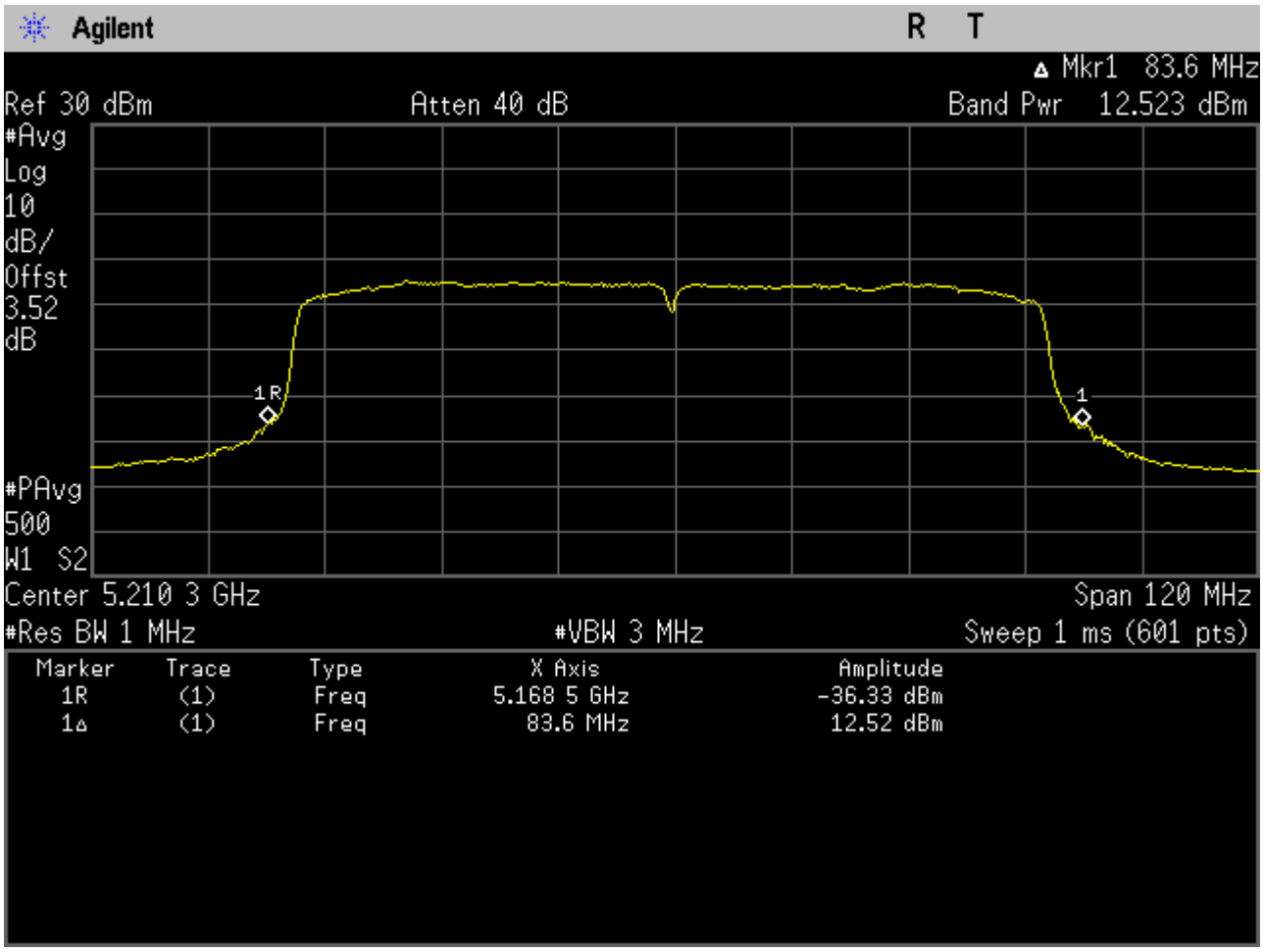
4.4011AC40_110



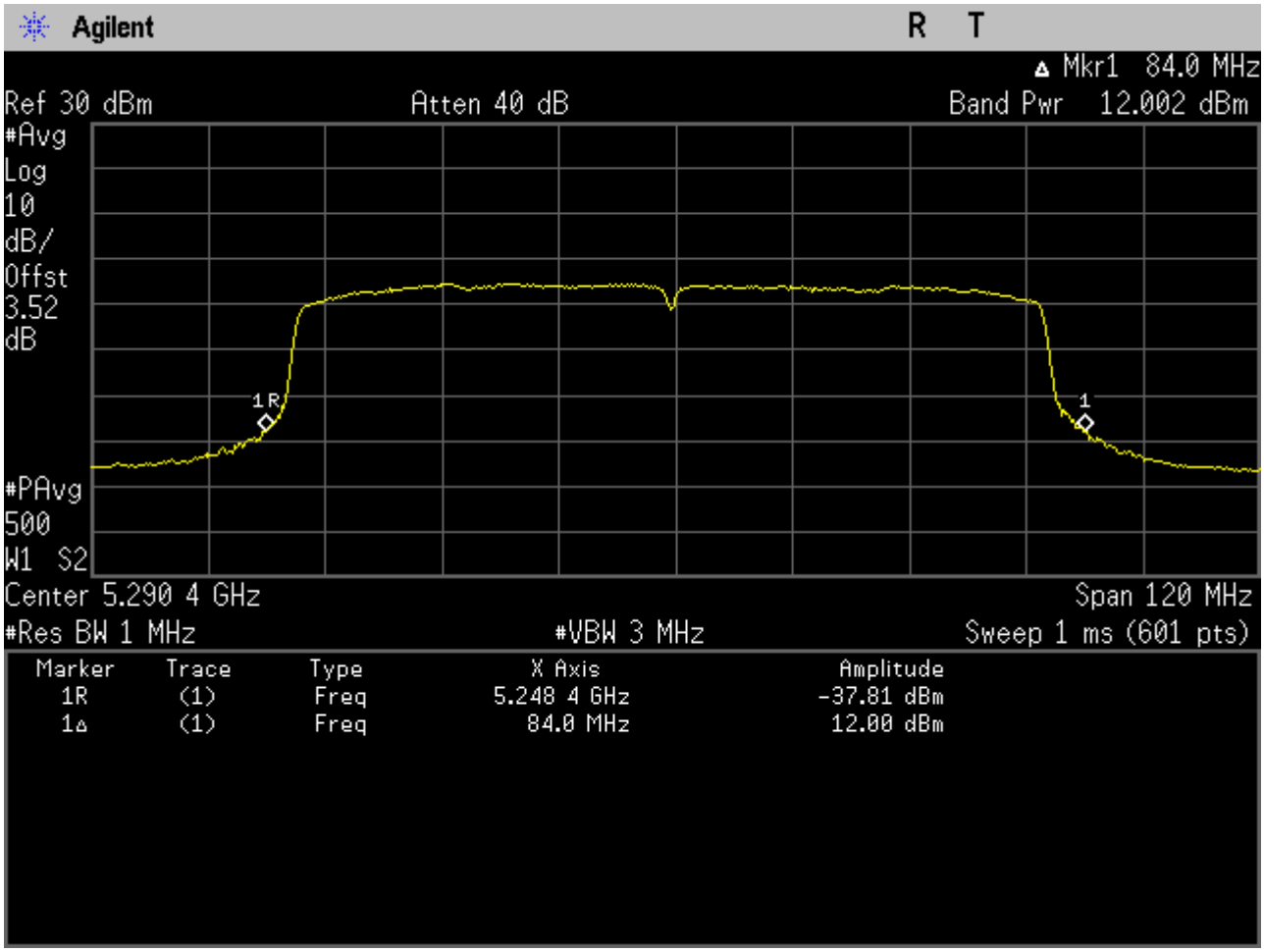
4.4111AC40_134



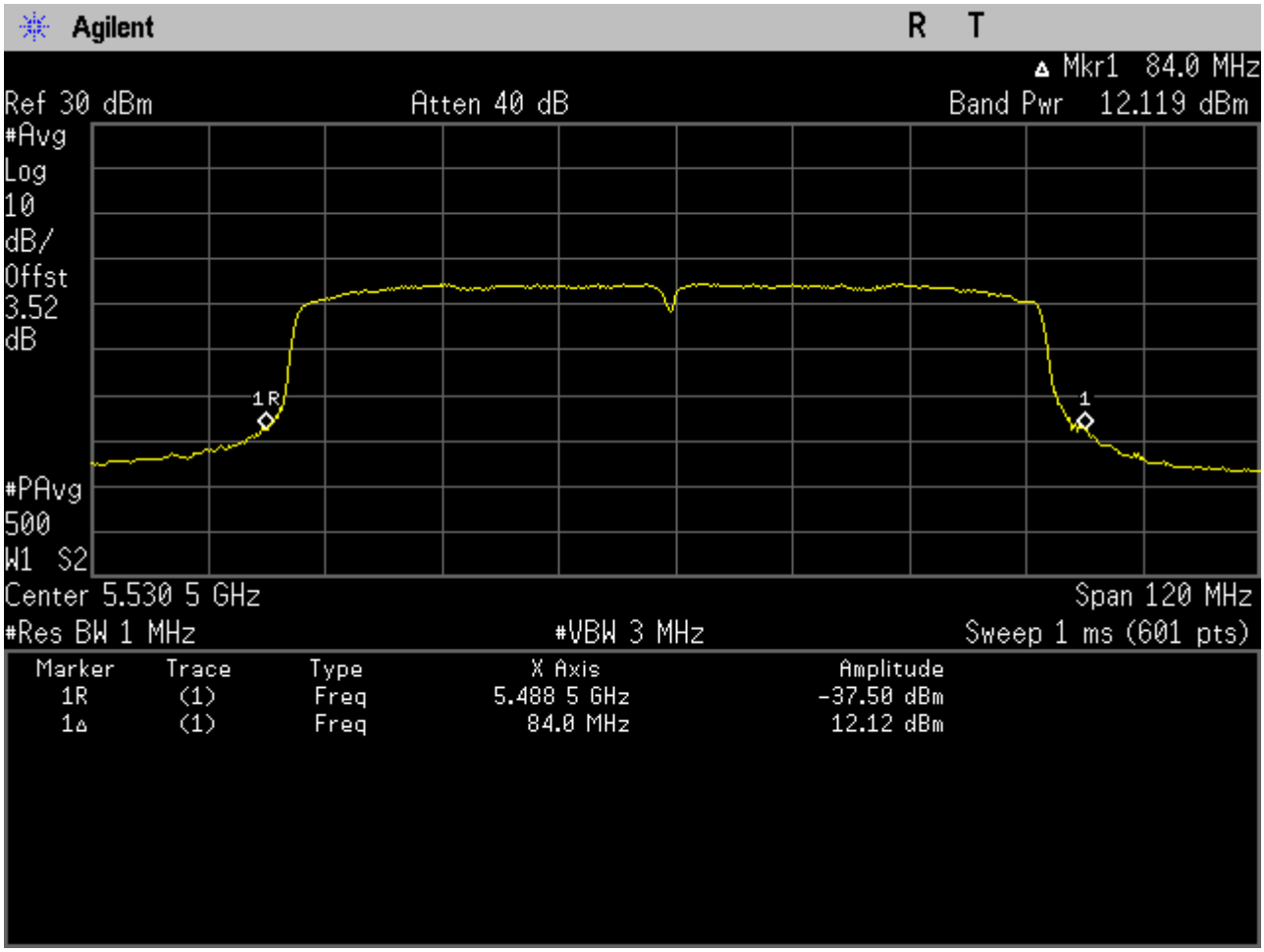
4.4211AC80_42



4.4311AC80_58



4.4411AC80_106



Appendix C: Peak Power Spectral Density Level

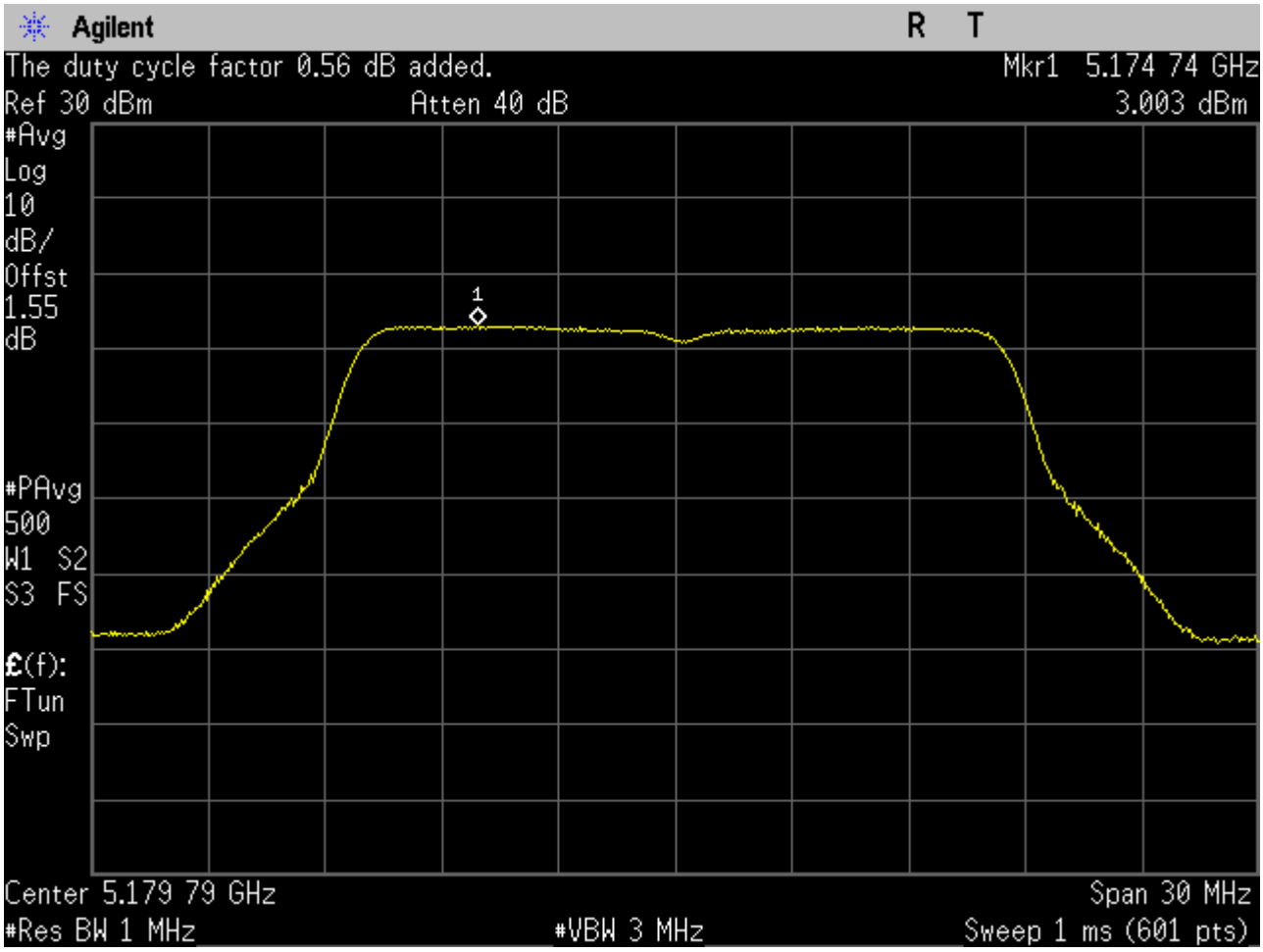
5 Result Table

Test Mode	Test Channel	Frequency[MHz]	Meas. Level [dBm/MHz]	Verdict
11A	36	5180	3.00	pass
11A	40	5200	2.77	pass
11A	48	5240	3.05	pass
11A	52	5260	3.20	pass
11A	56	5280	3.31	pass
11A	64	5320	3.18	pass
11A	100	5500	2.97	pass
11A	116	5580	2.52	pass
11A	140	5700	3.80	pass
11N20	36	5180	2.89	pass
11N20	40	5200	2.78	pass
11N20	48	5240	2.89	pass
11N20	52	5260	2.71	pass
11N20	56	5280	2.99	pass
11N20	64	5320	2.8	pass
11N20	100	5500	2.7	pass
11N20	116	5580	2.06	pass
11N20	140	5700	3.44	pass
11N40	38	5190	-1.03	pass
11N40	46	5230	-1.09	pass
11N40	54	5270	-1.26	pass
11N40	62	5310	-2.38	pass
11N40	102	5510	-1.37	pass
11N40	110	5550	-1.62	pass
11N40	134	5670	-1.68	pass
11AC20	36	5180	2.39	pass
11AC20	40	5200	2.12	pass
11AC20	48	5240	2.23	pass
11AC20	52	5260	2.43	pass
11AC20	56	5280	2.65	pass
11AC20	64	5320	2.17	pass
11AC20	100	5500	2.20	pass
11AC20	116	5580	1.79	pass
11AC20	140	5700	2.90	pass
11AC40	38	5190	-1.14	pass
11AC40	46	5230	-1.74	pass

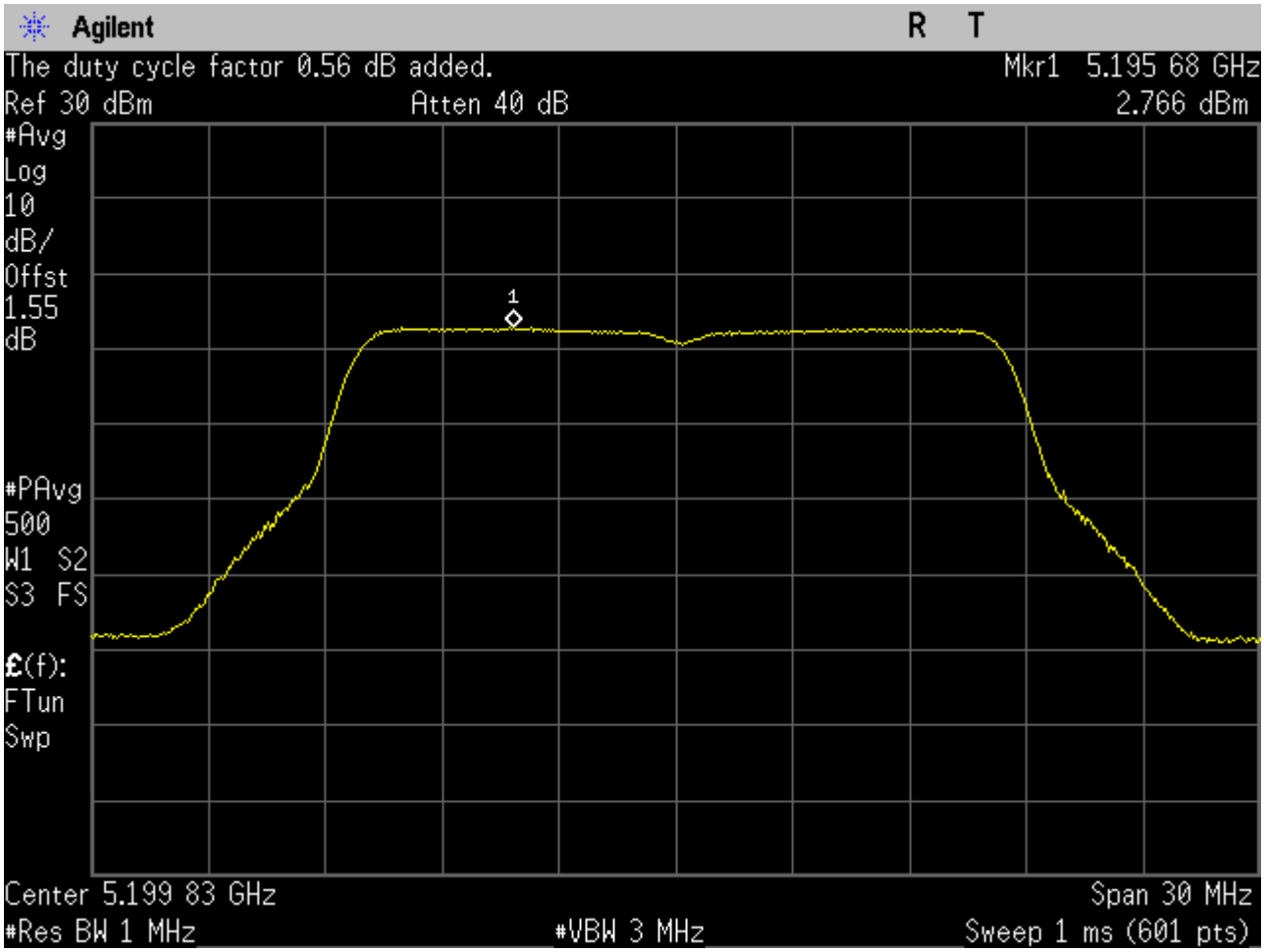
Test Mode	Test Channel	Frequency[MHz]	Meas. Level [dBm/MHz]	Verdict
11AC40	54	5270	-1.36	pass
11AC40	62	5310	-1.44	pass
11AC40	102	5510	-1.48	pass
11AC40	110	5550	-1.52	pass
11AC40	134	5670	-1.67	pass
11AC80	42	5210	-4.7	pass
11AC80	58	5290	-5.35	pass
11AC80	106	5530	-5.35	pass

6 Test Plot

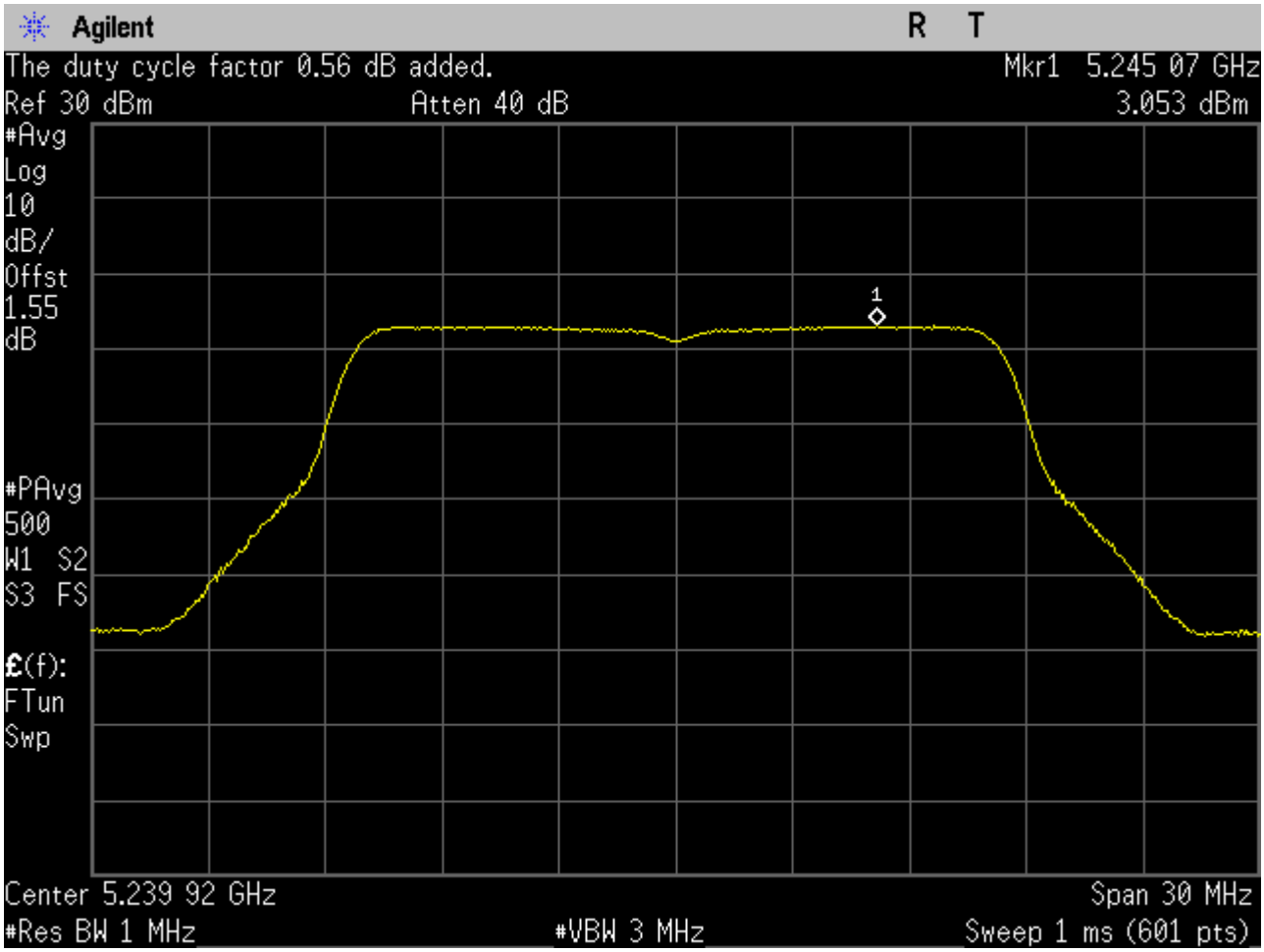
6.1 11A_36



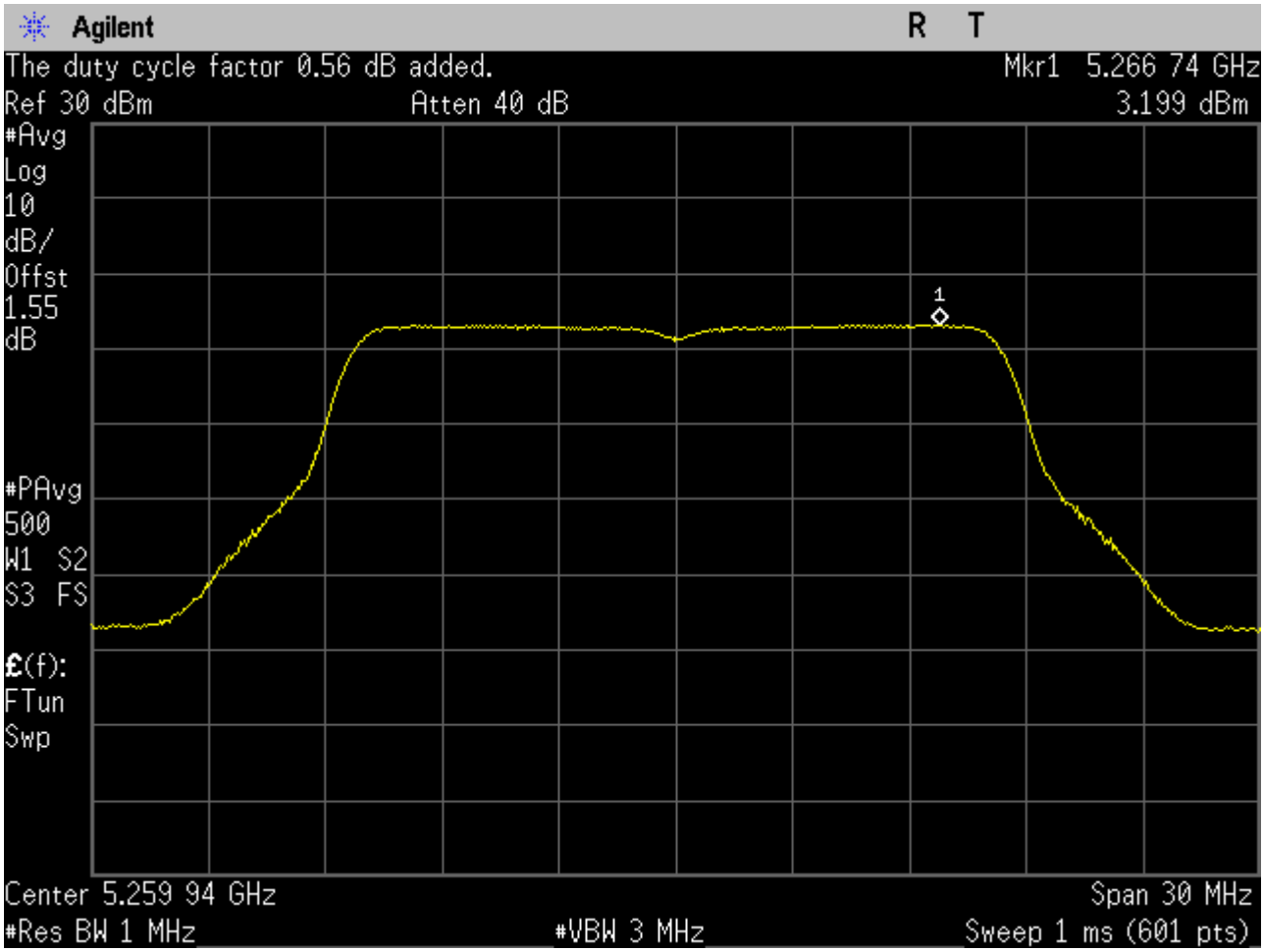
6.2 11A_40



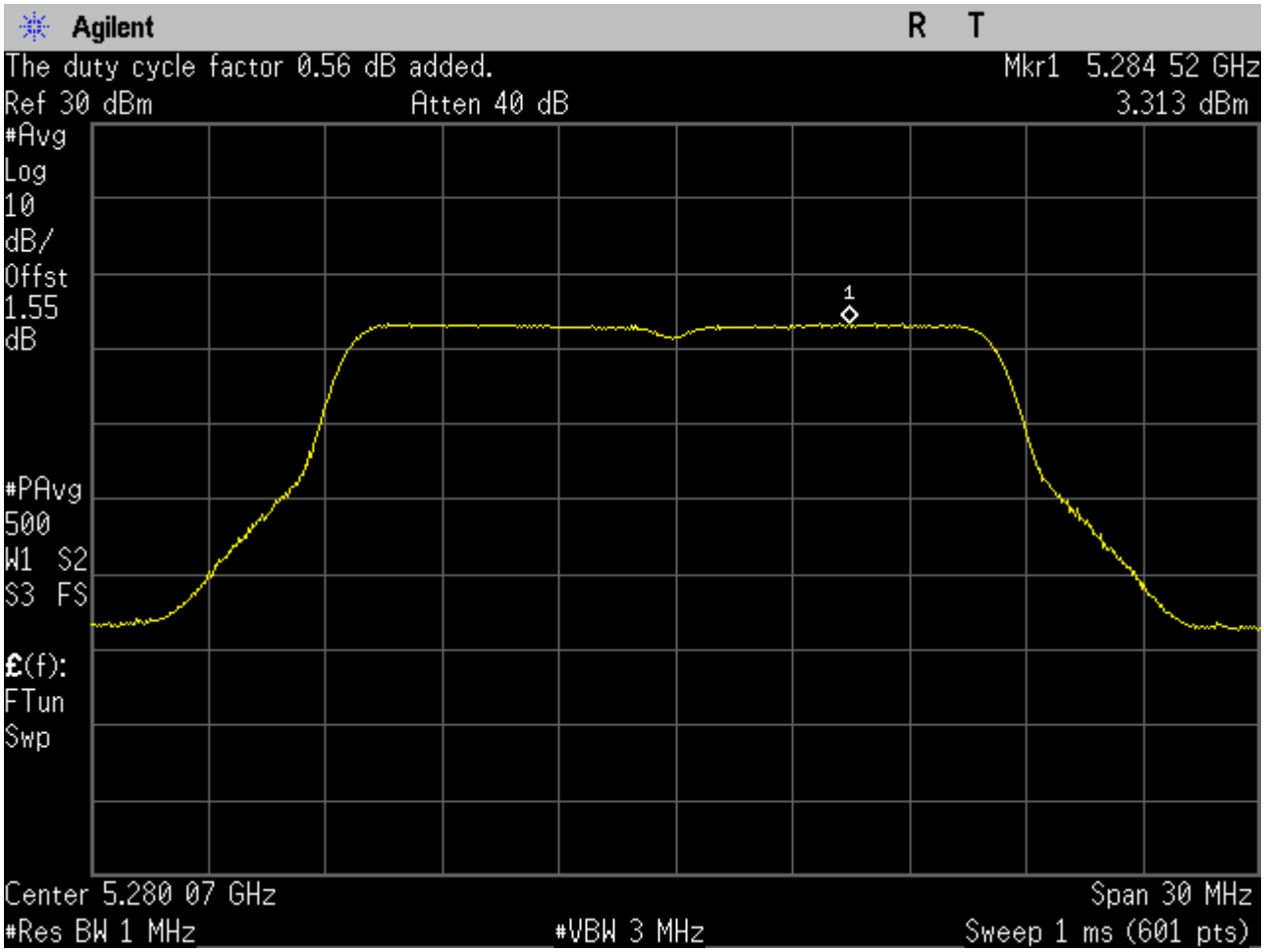
6.3 11A_48



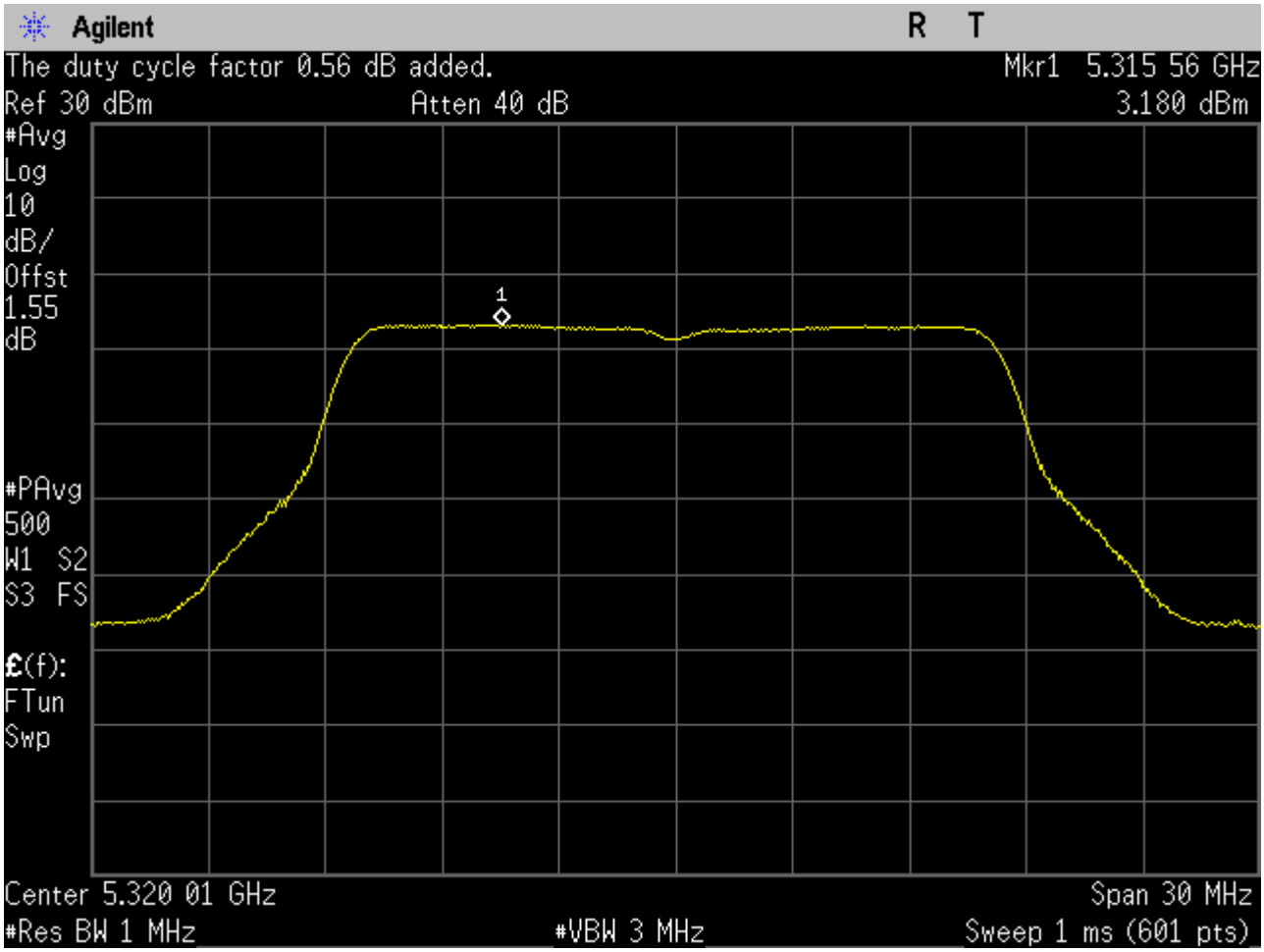
6.4 11A_52



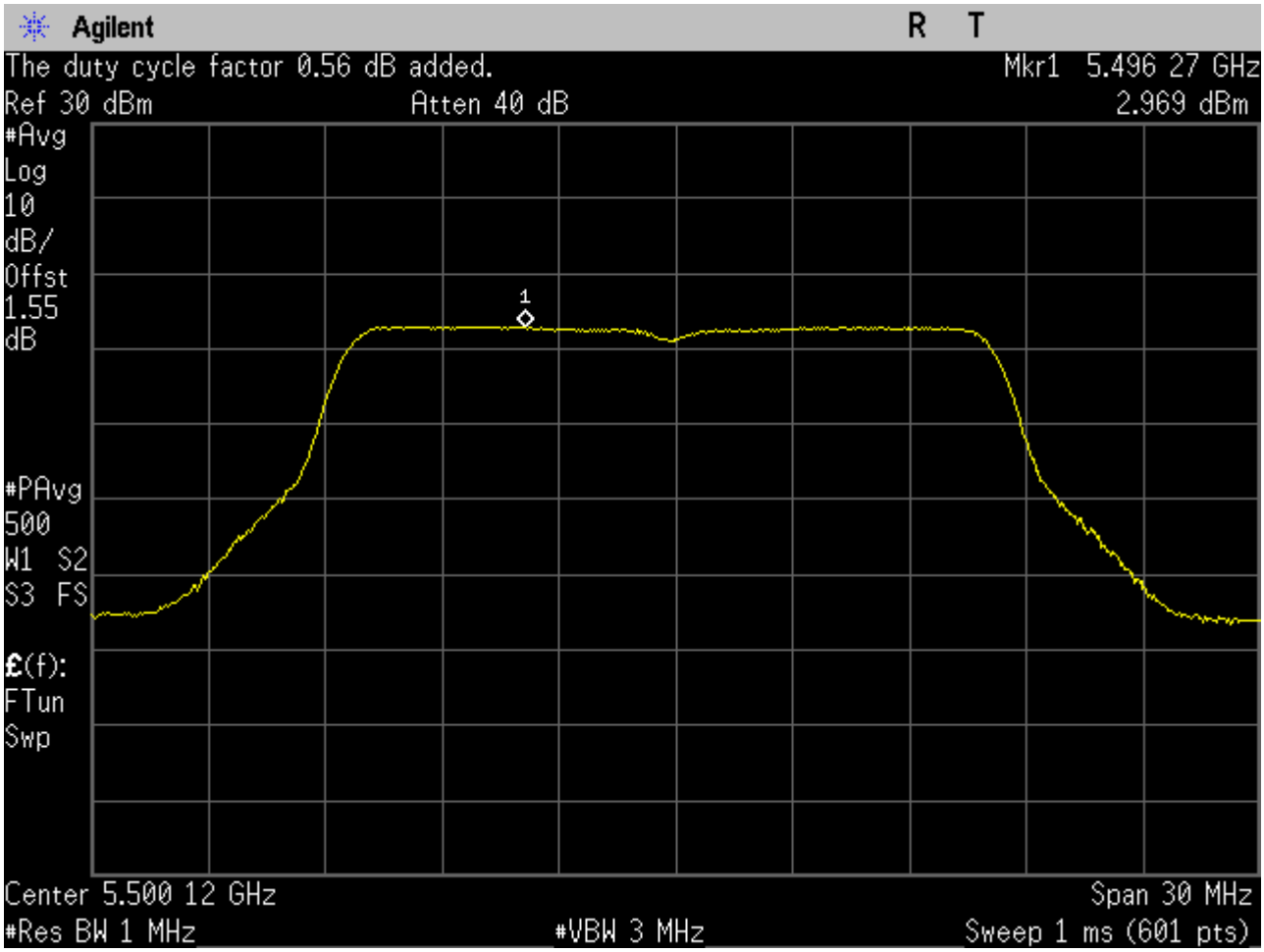
6.5 11A_56



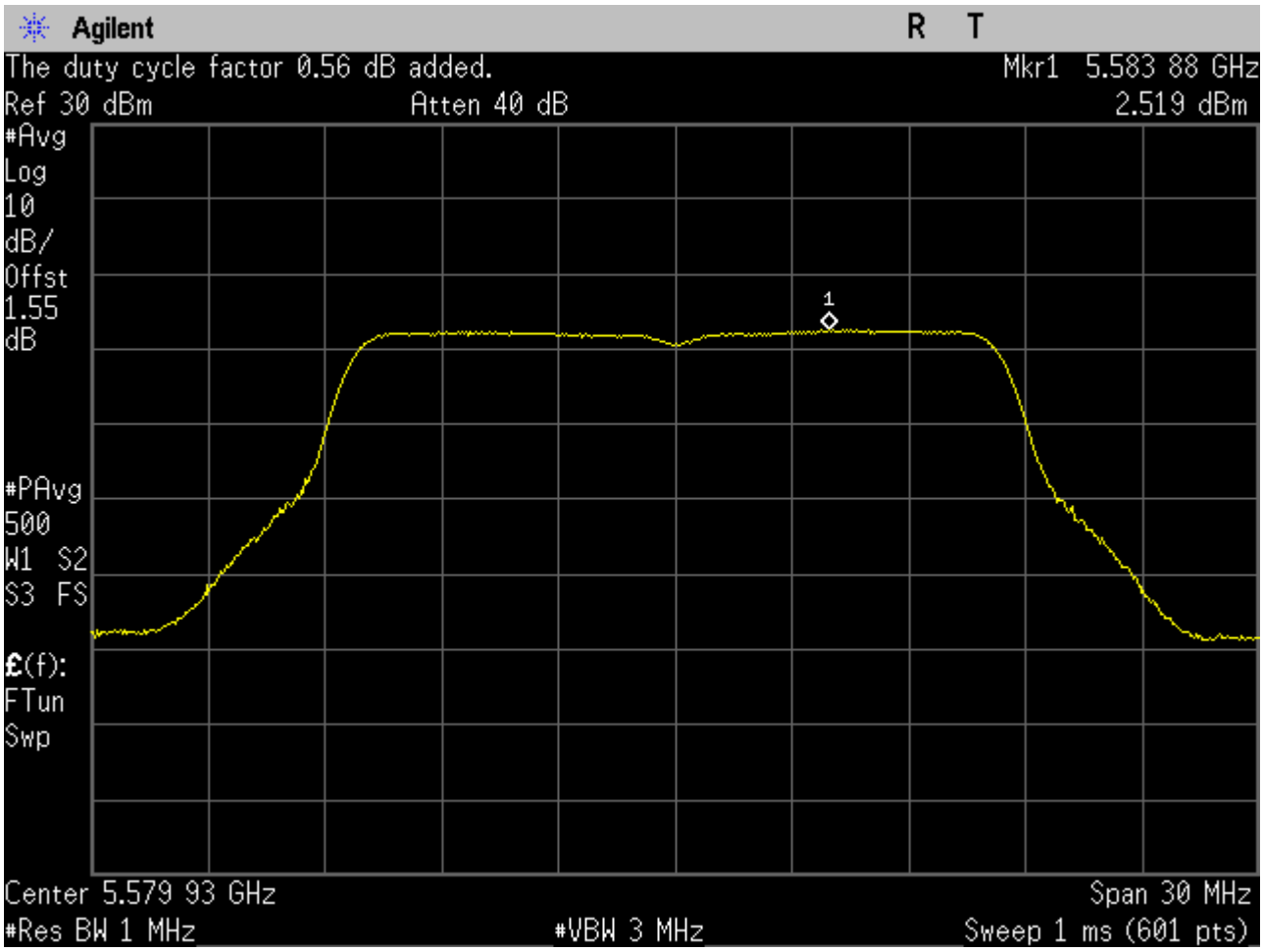
6.6 11A_64



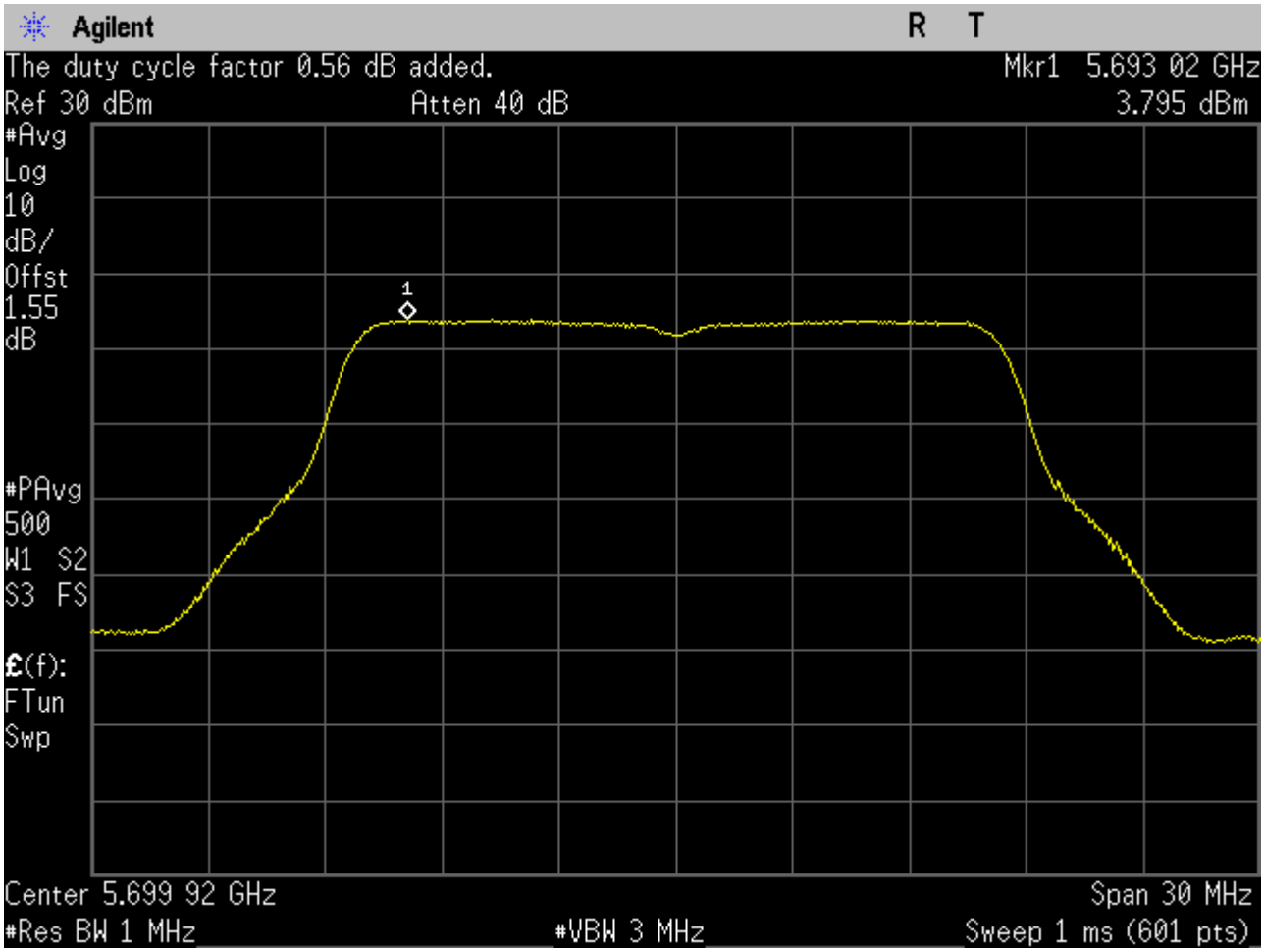
6.7 11A_100



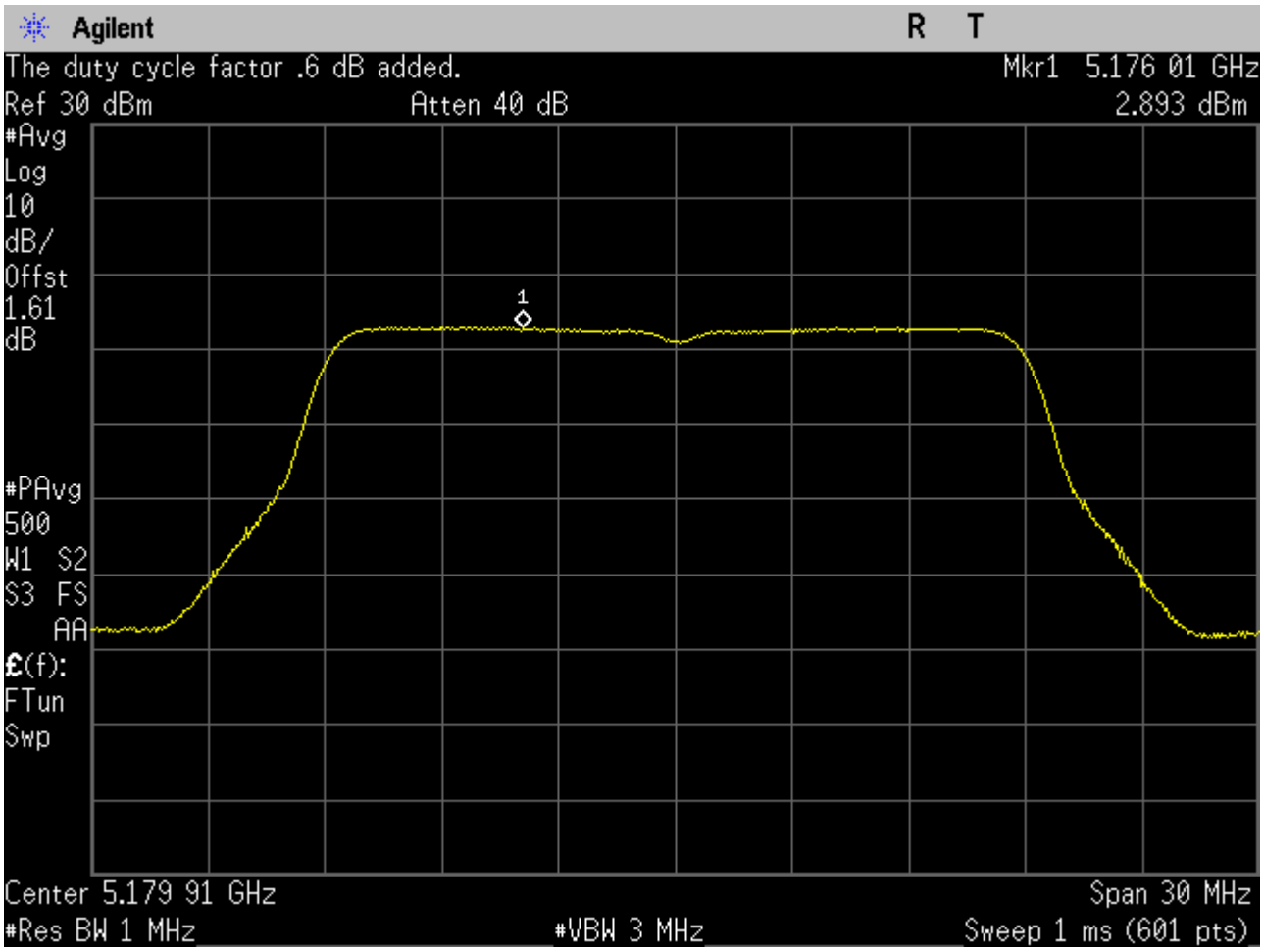
6.8 11A_116



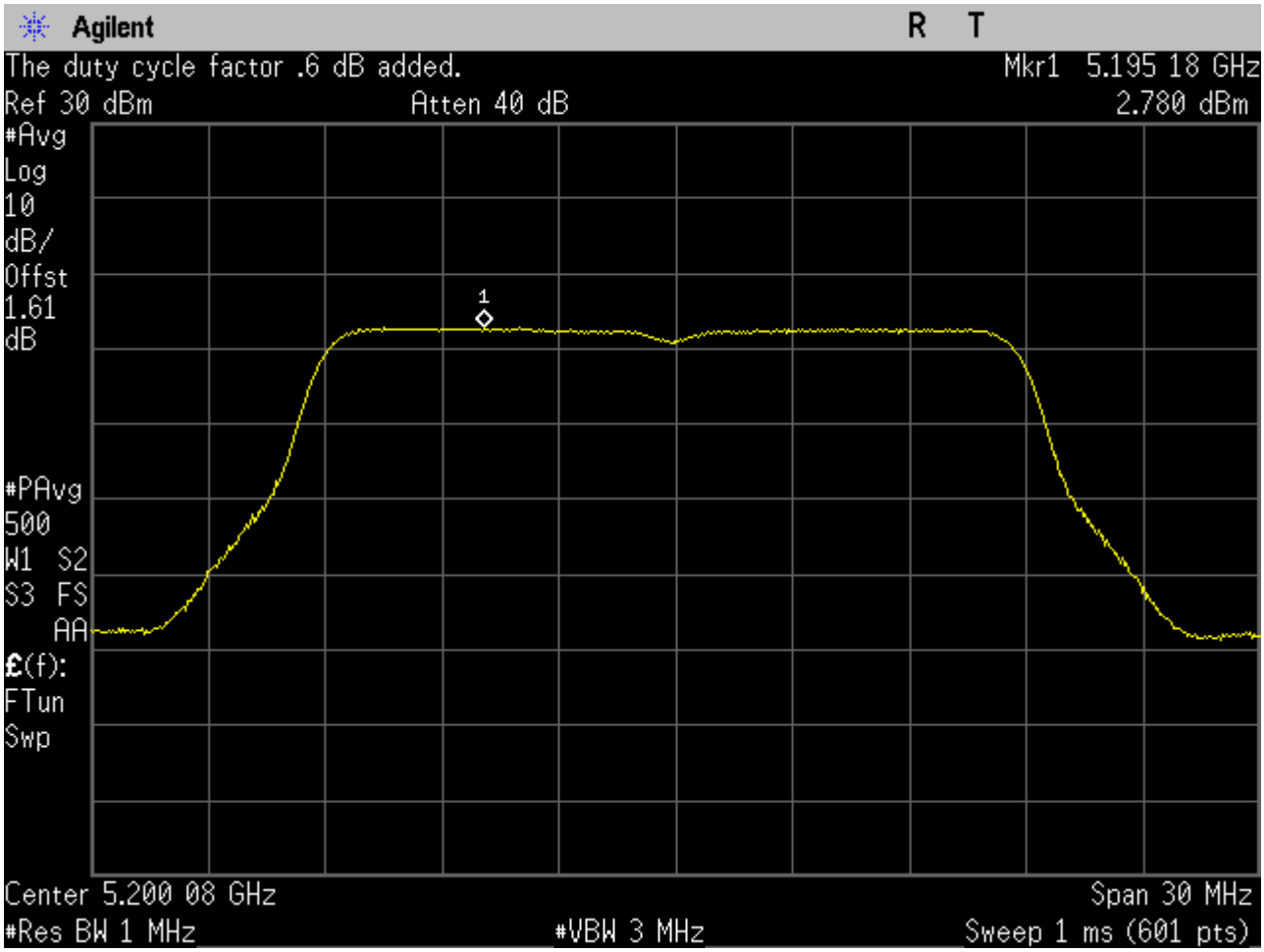
6.9 11A_140



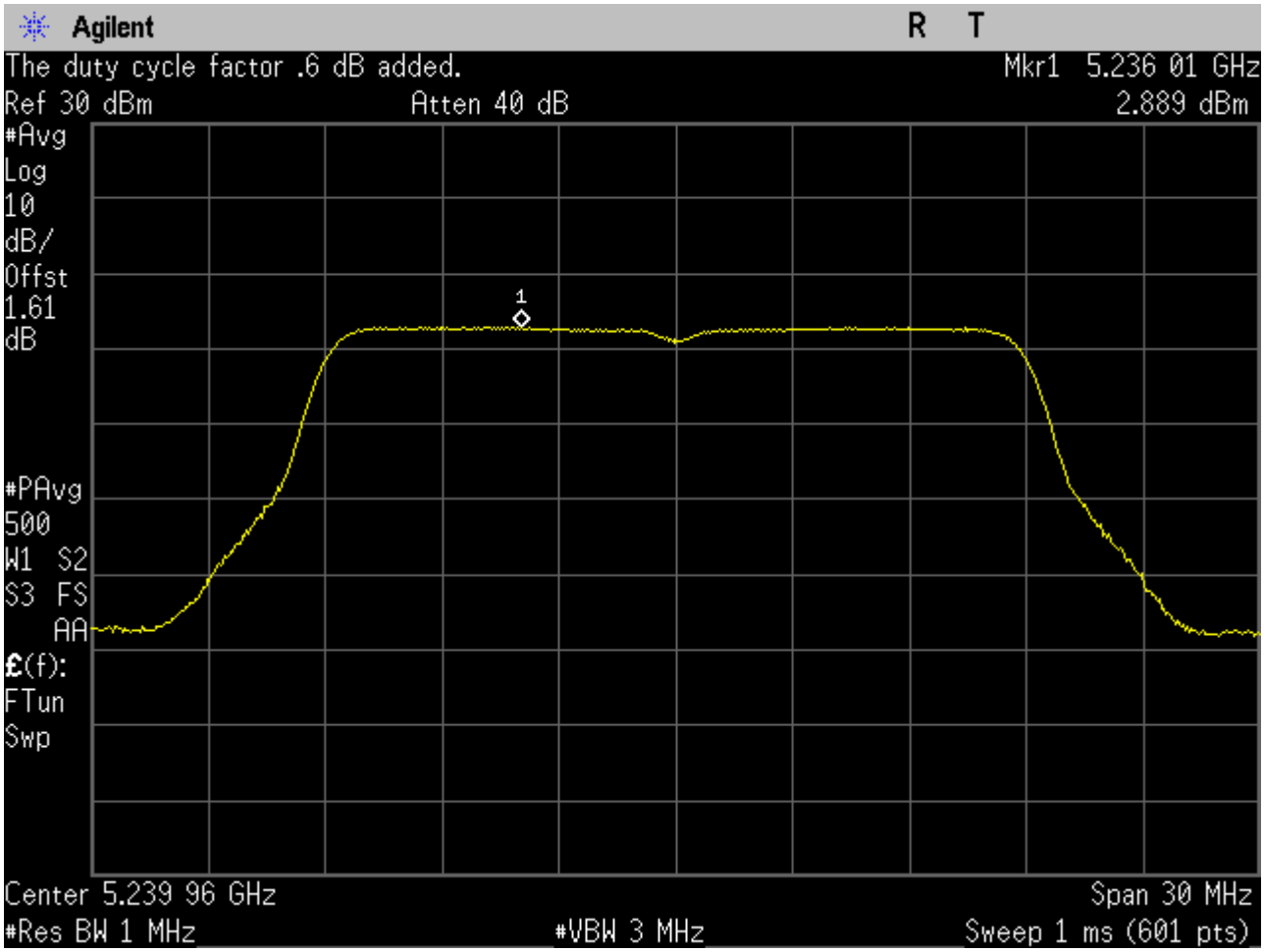
6.1011N20_36



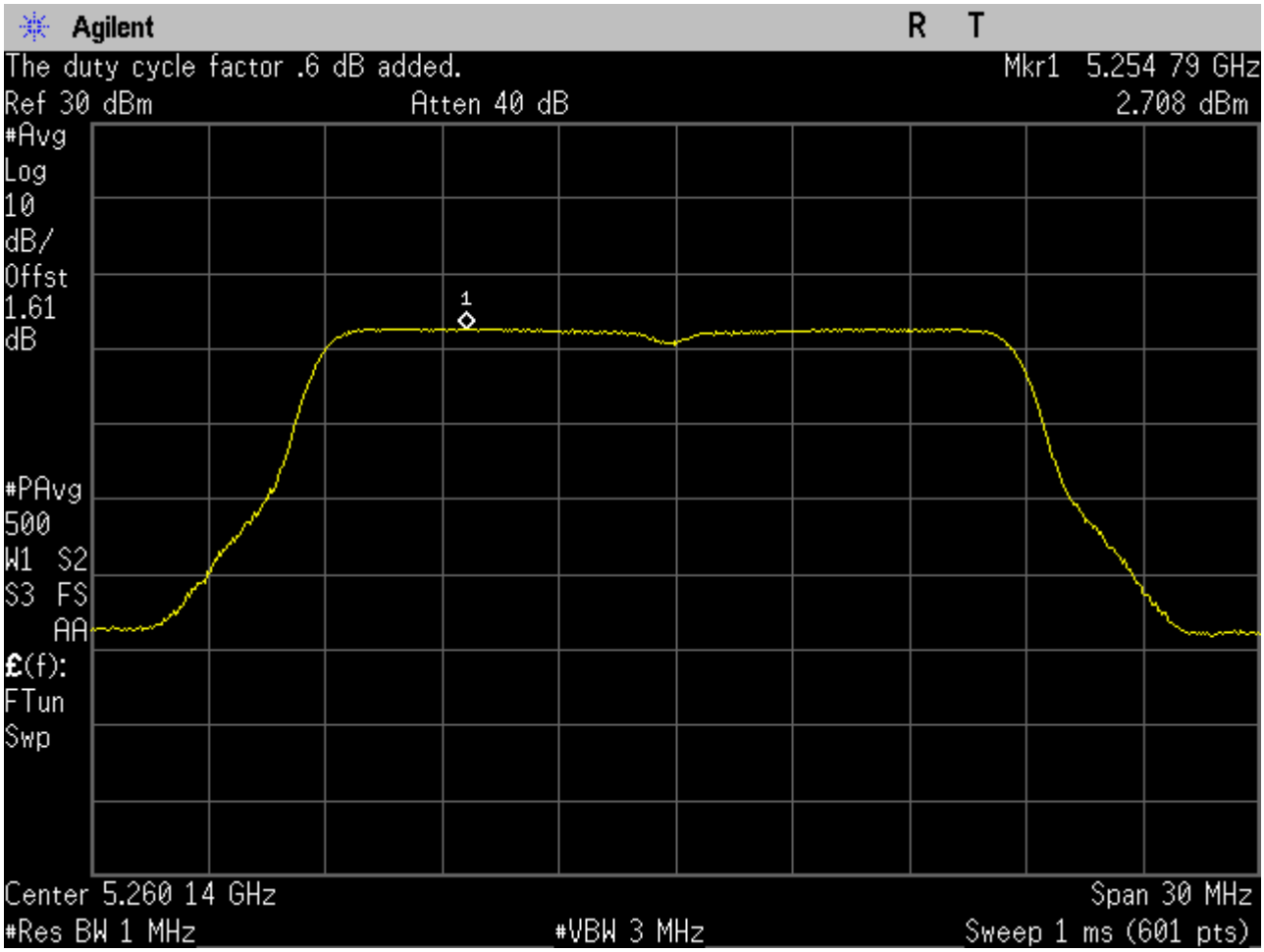
6.1111N20_40



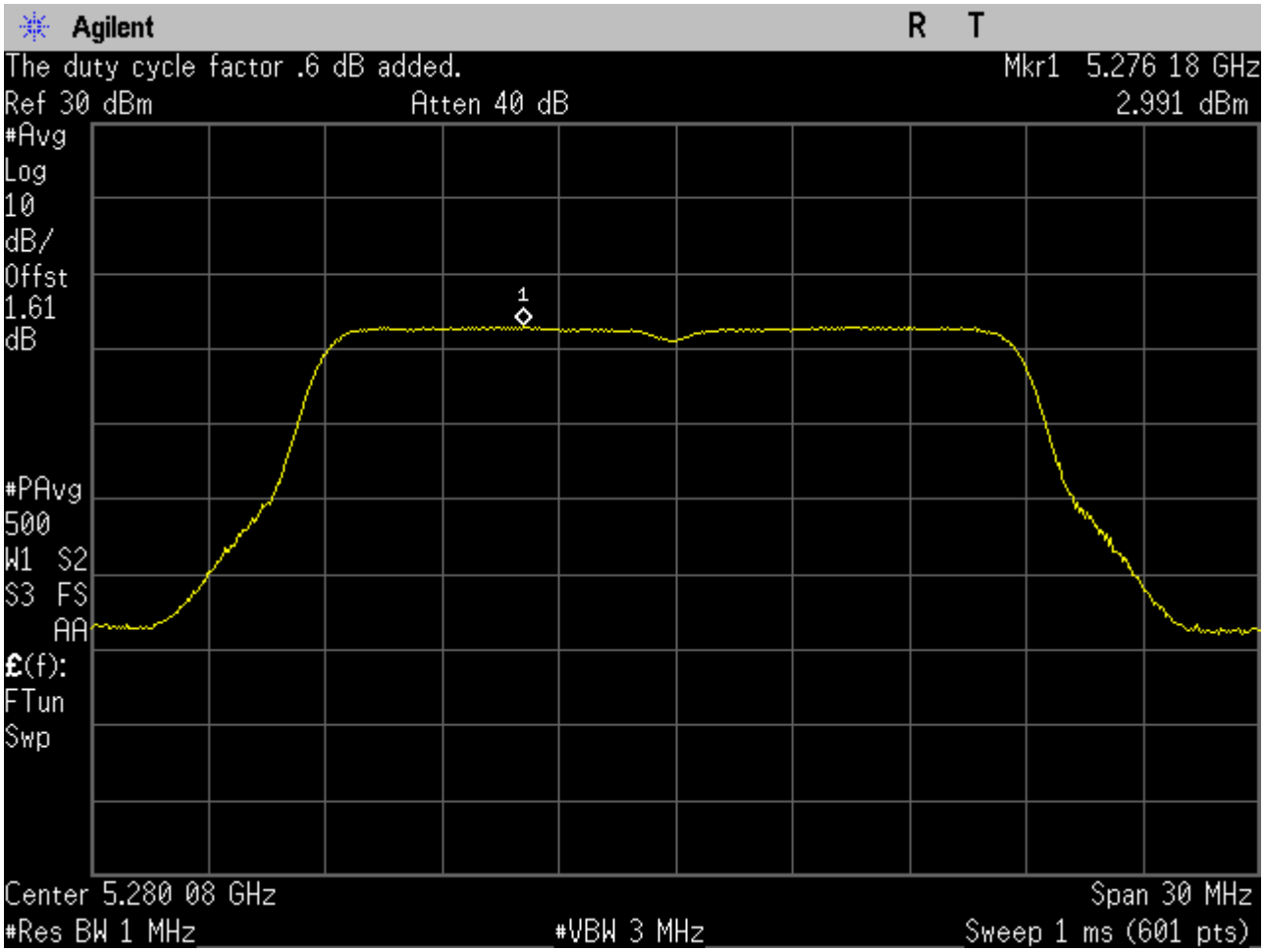
6.1211N20_48



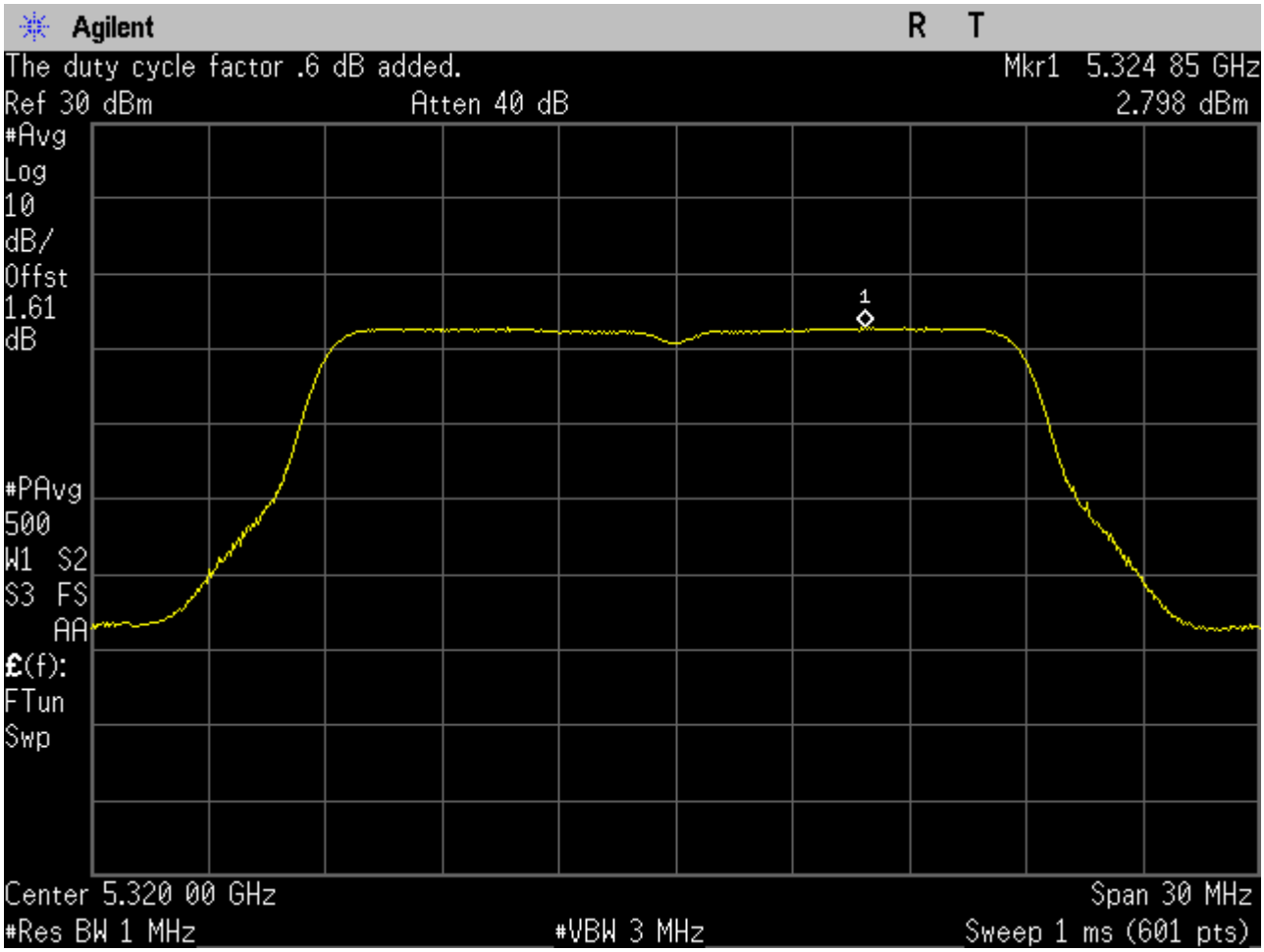
6.1311N20_52



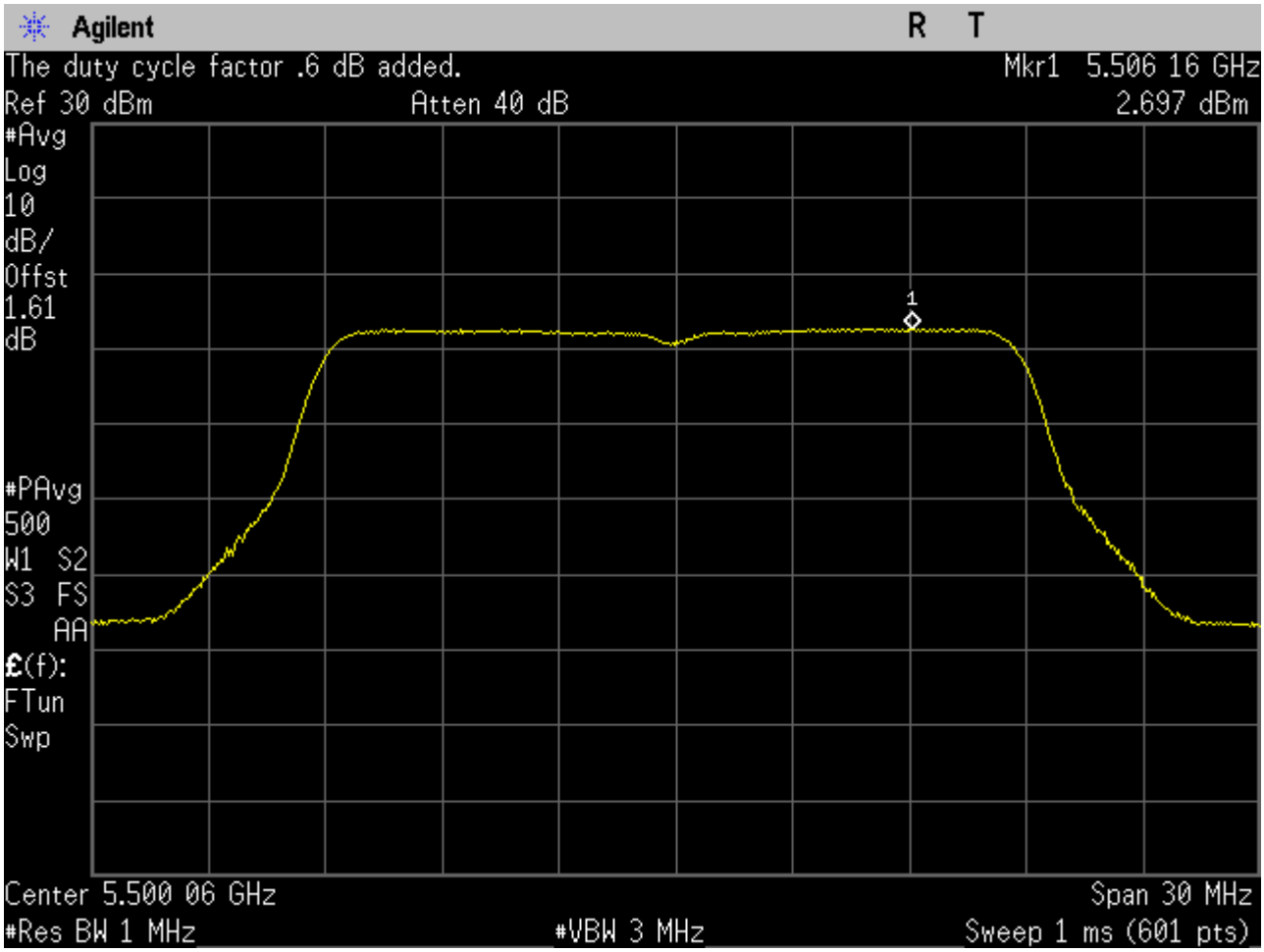
6.1411N20_56



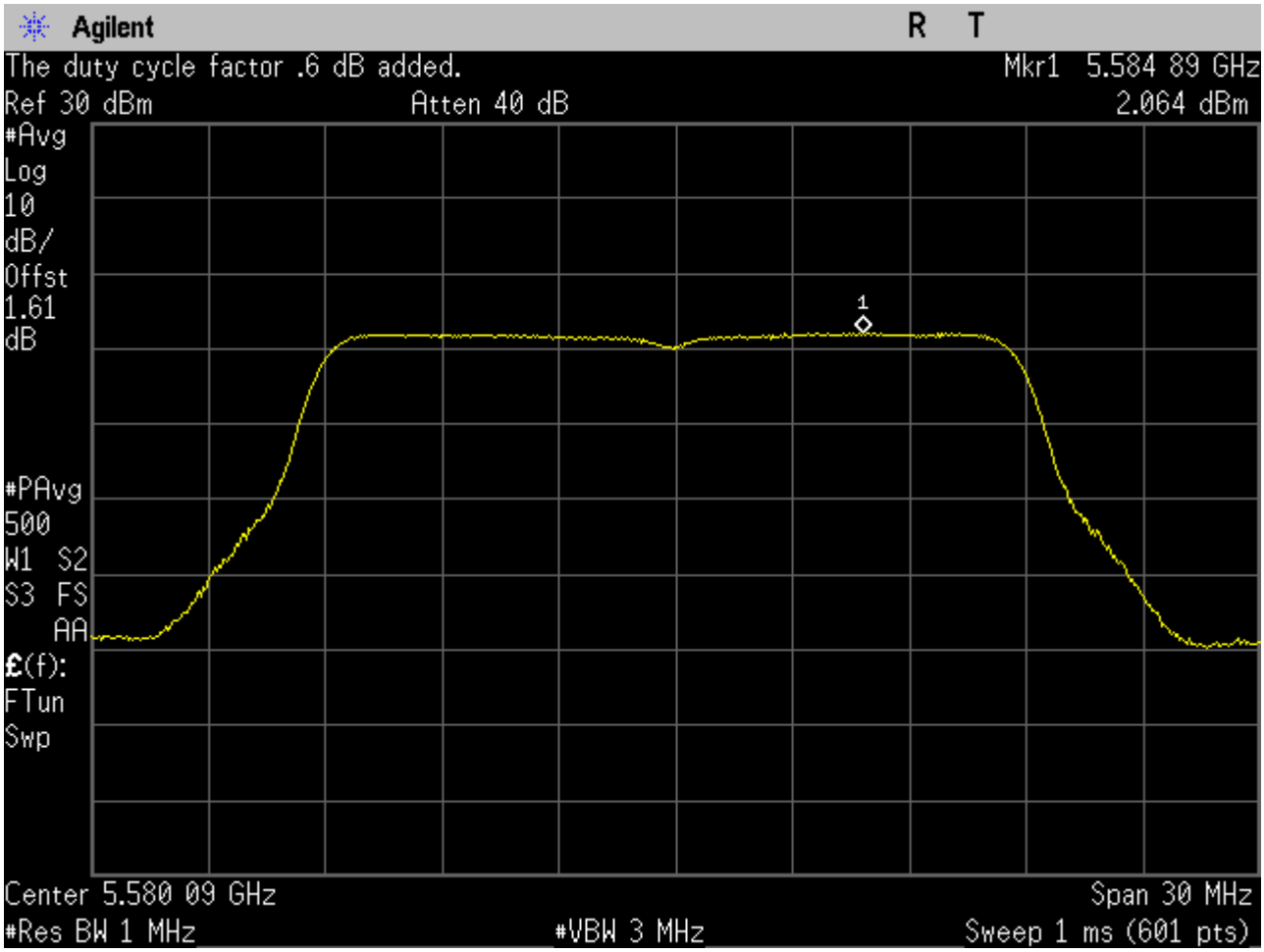
6.1511N20_64



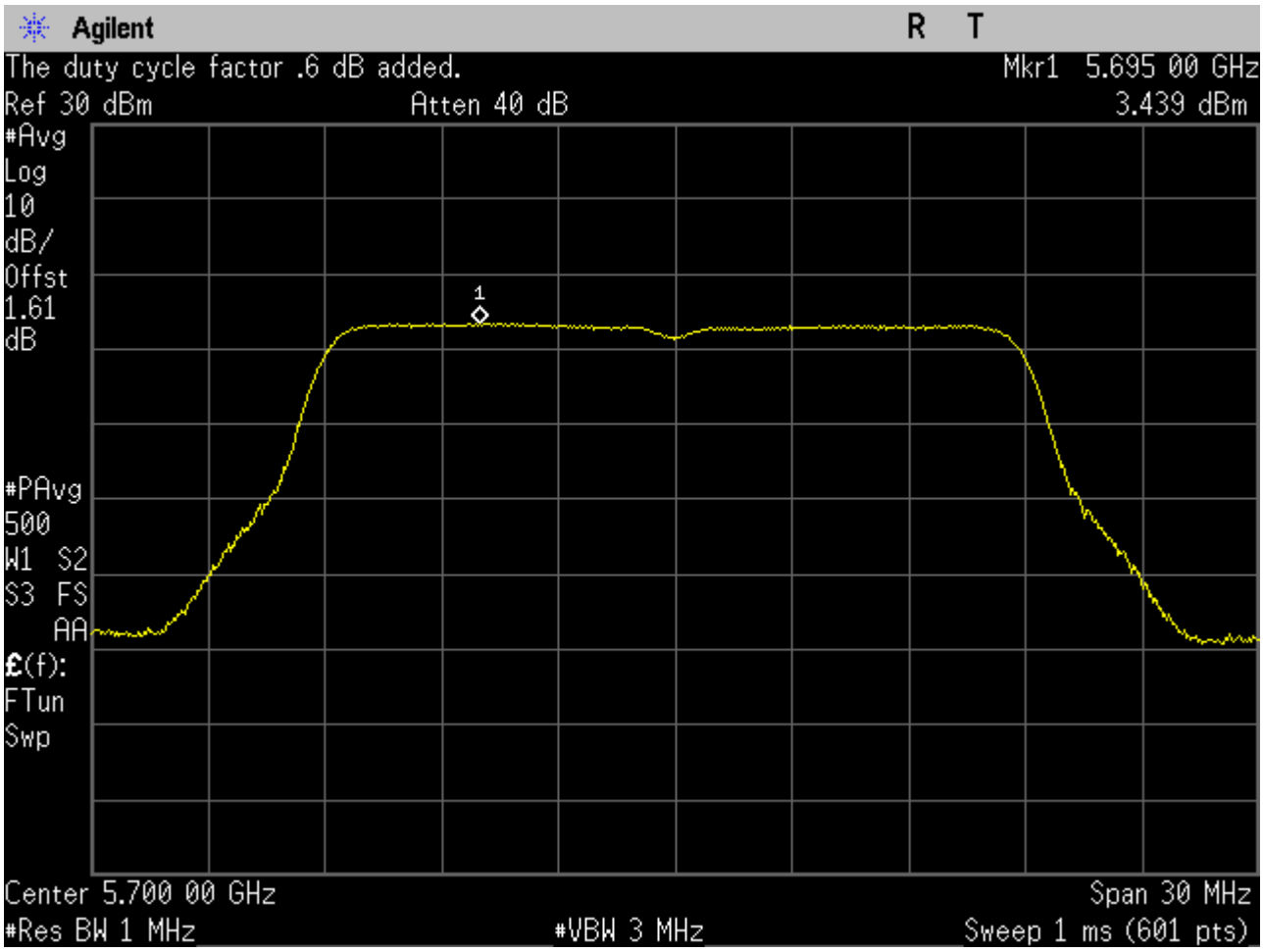
6.1611N20_100



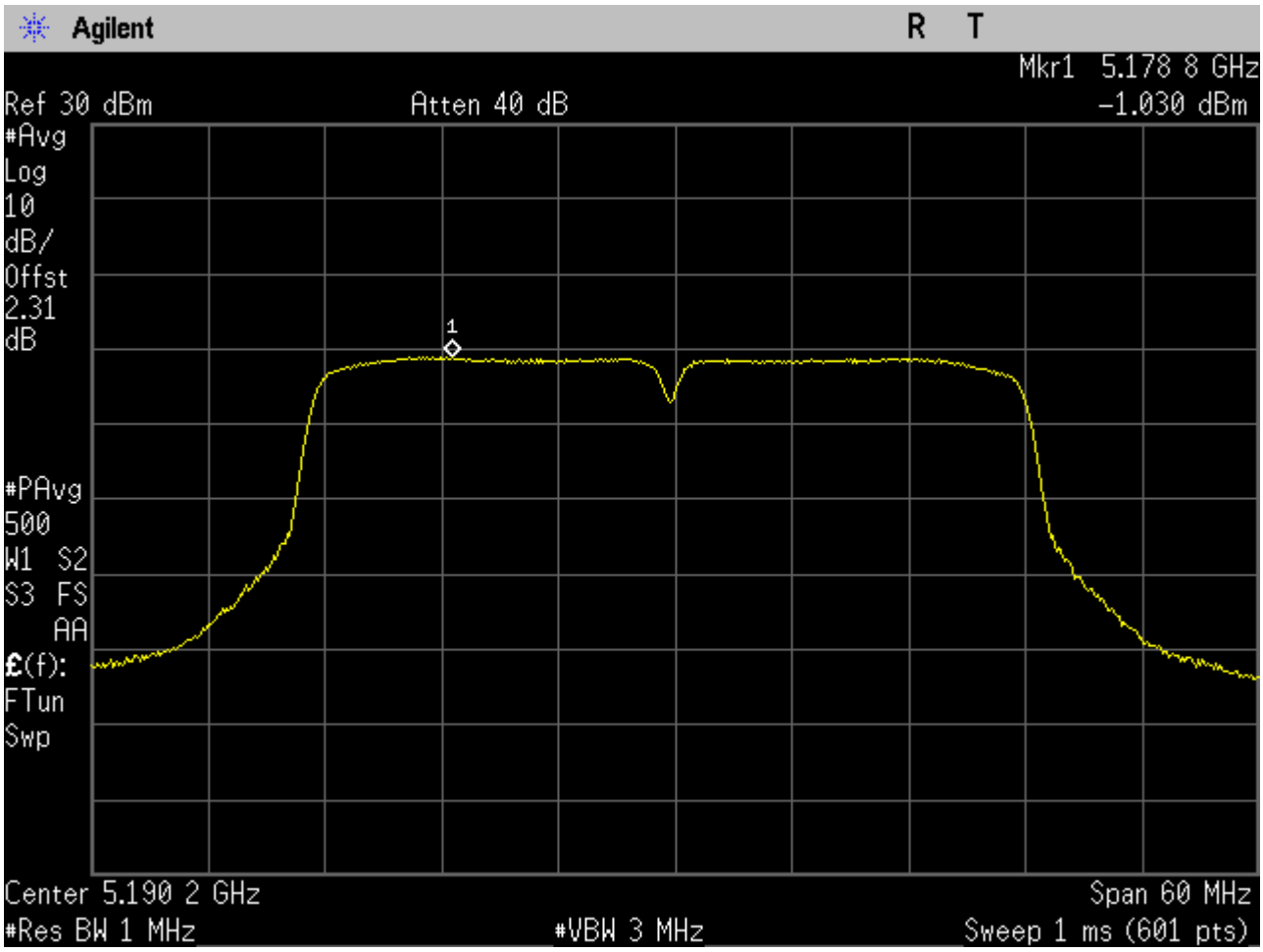
6.1711N20_116



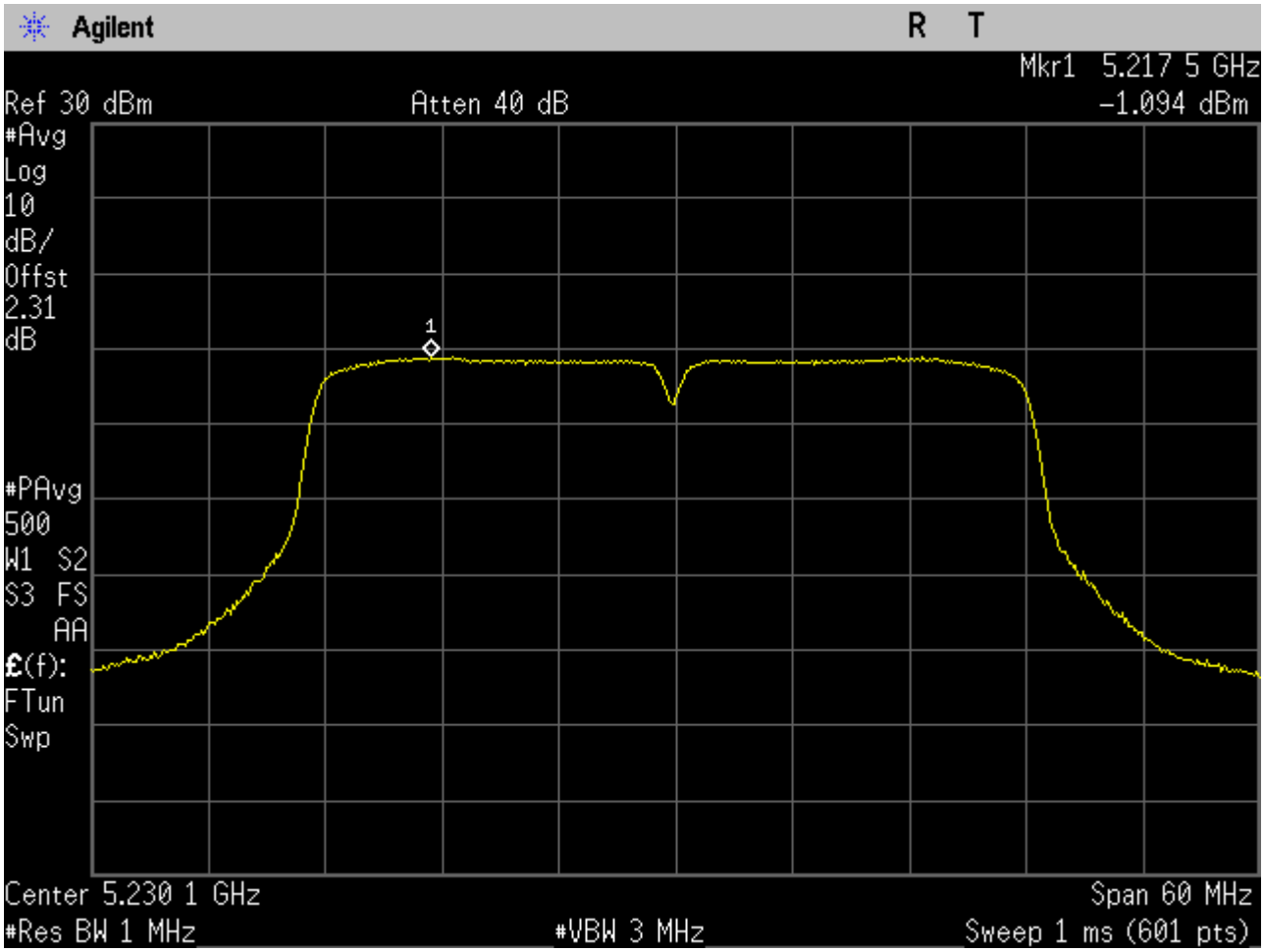
6.1811N20_140



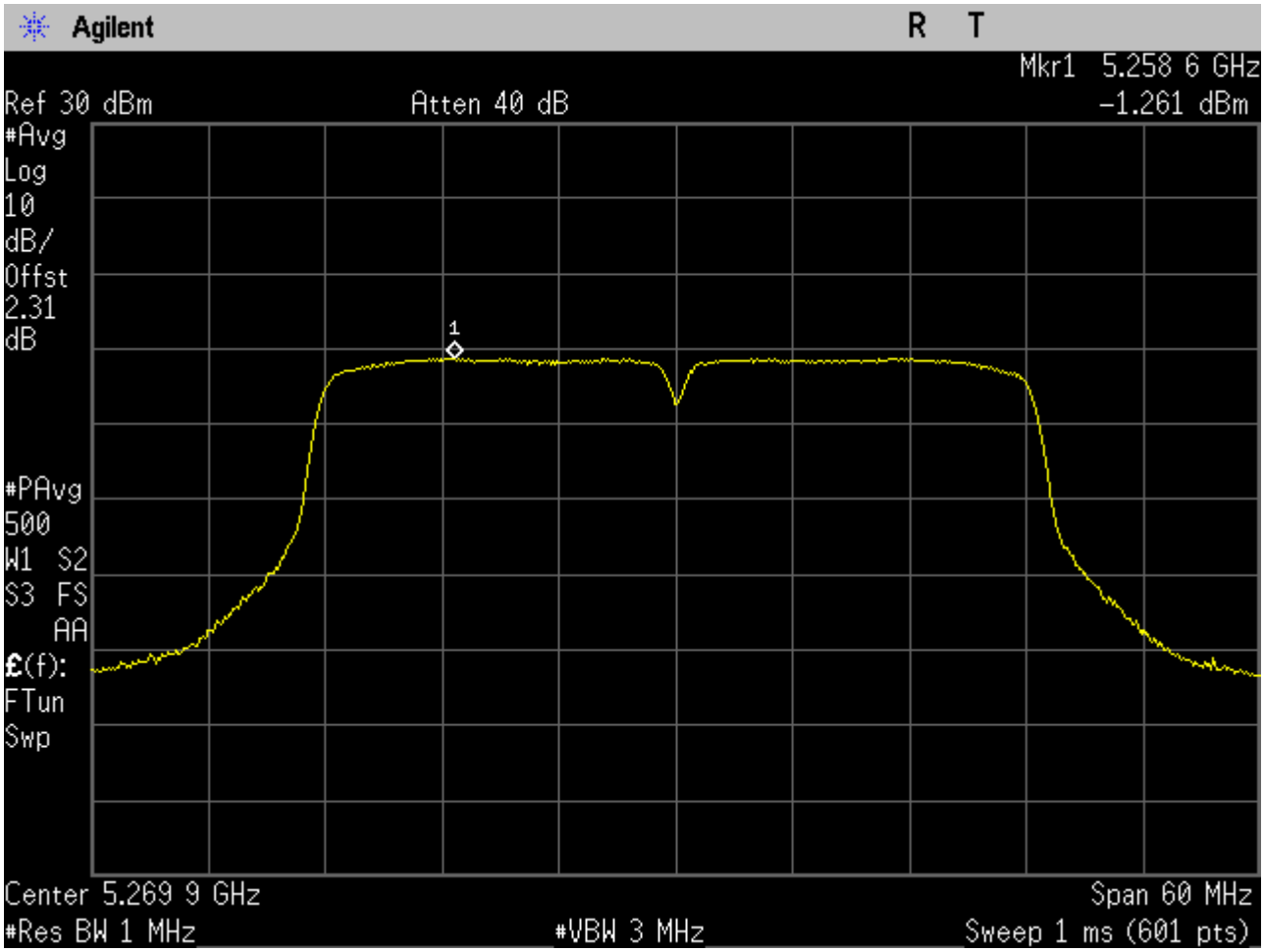
6.1911N40_38



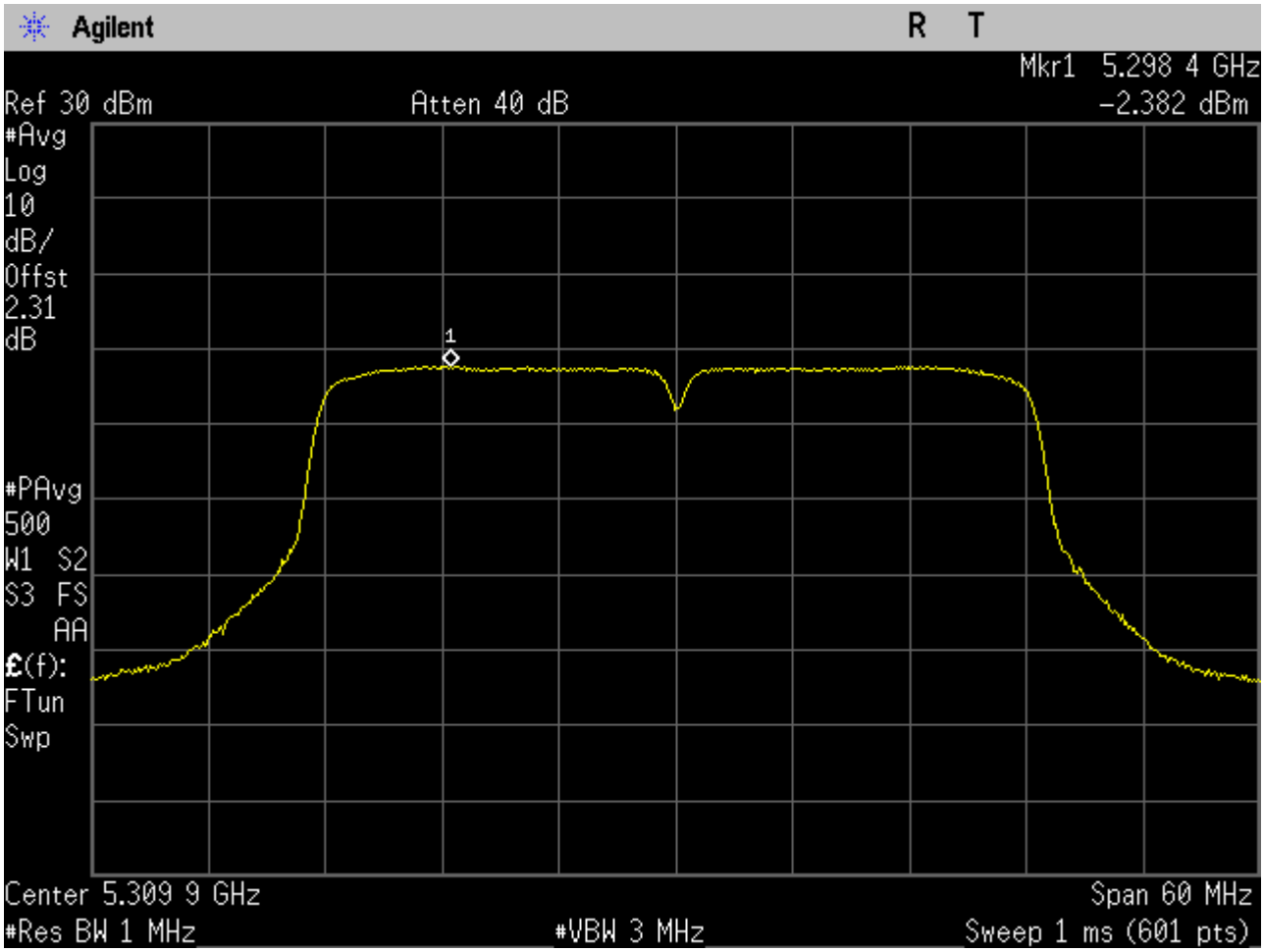
6.2011N40_46



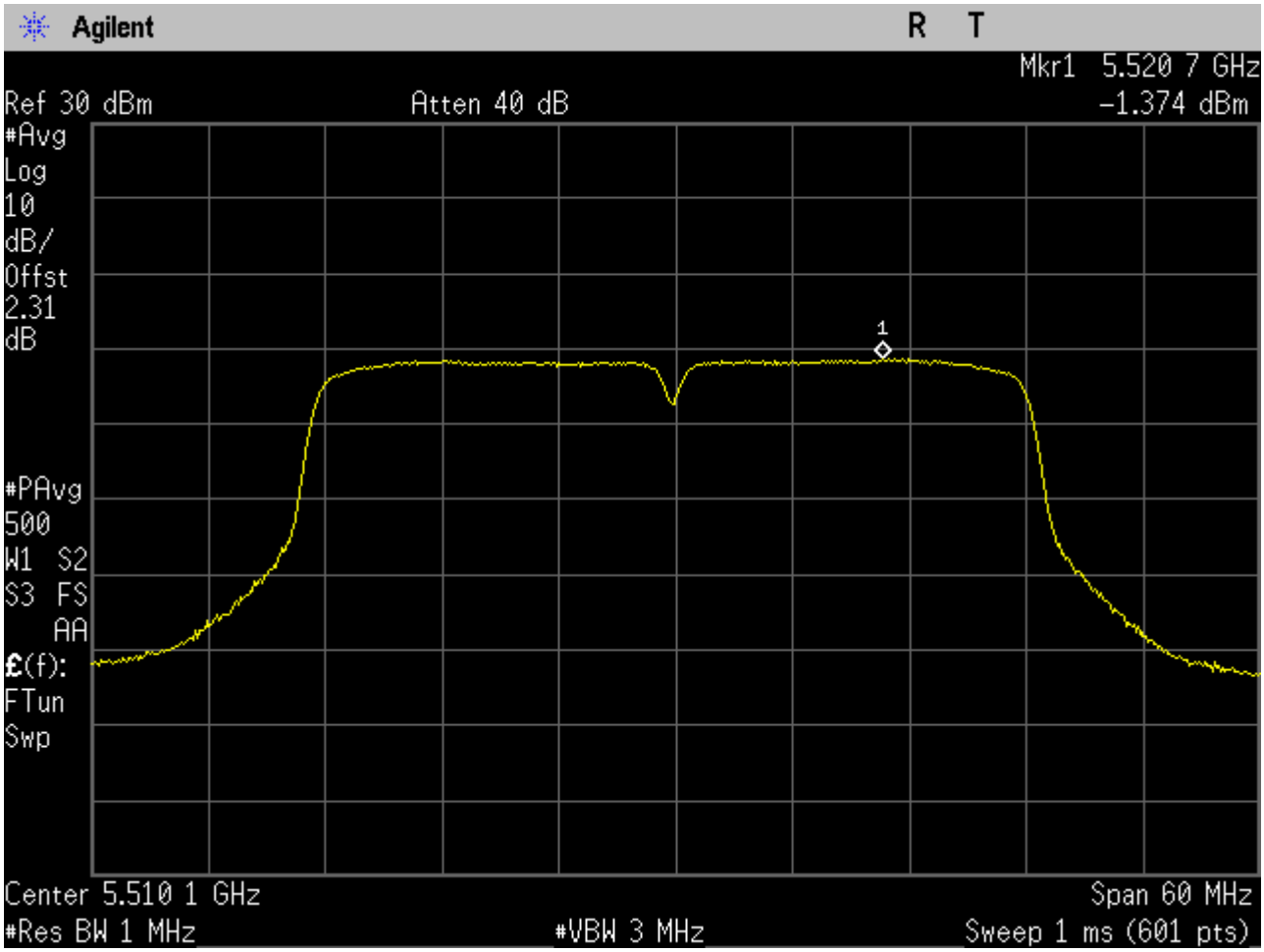
6.2111N40_54



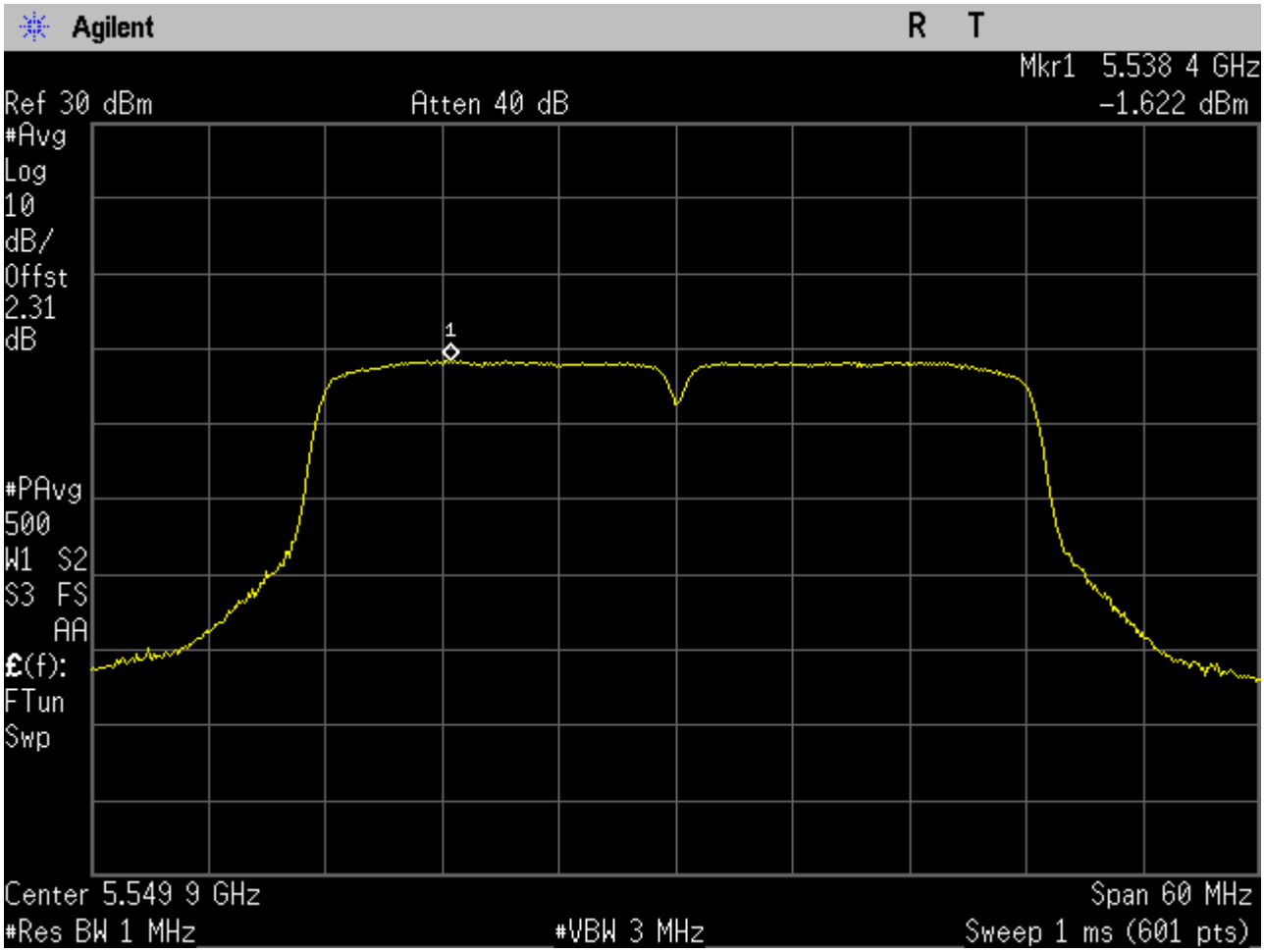
6.2211N40_62



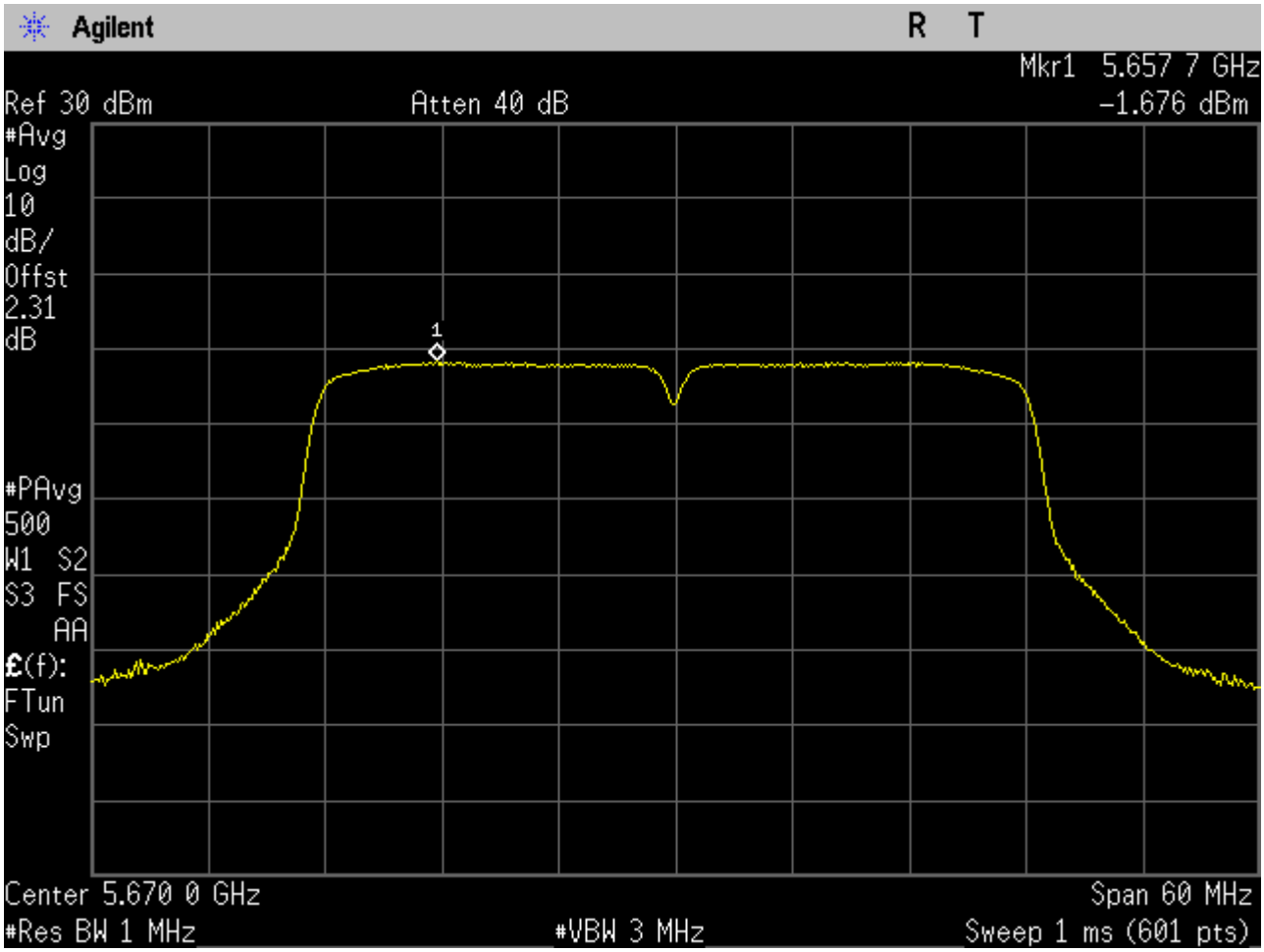
6.2311N40_102



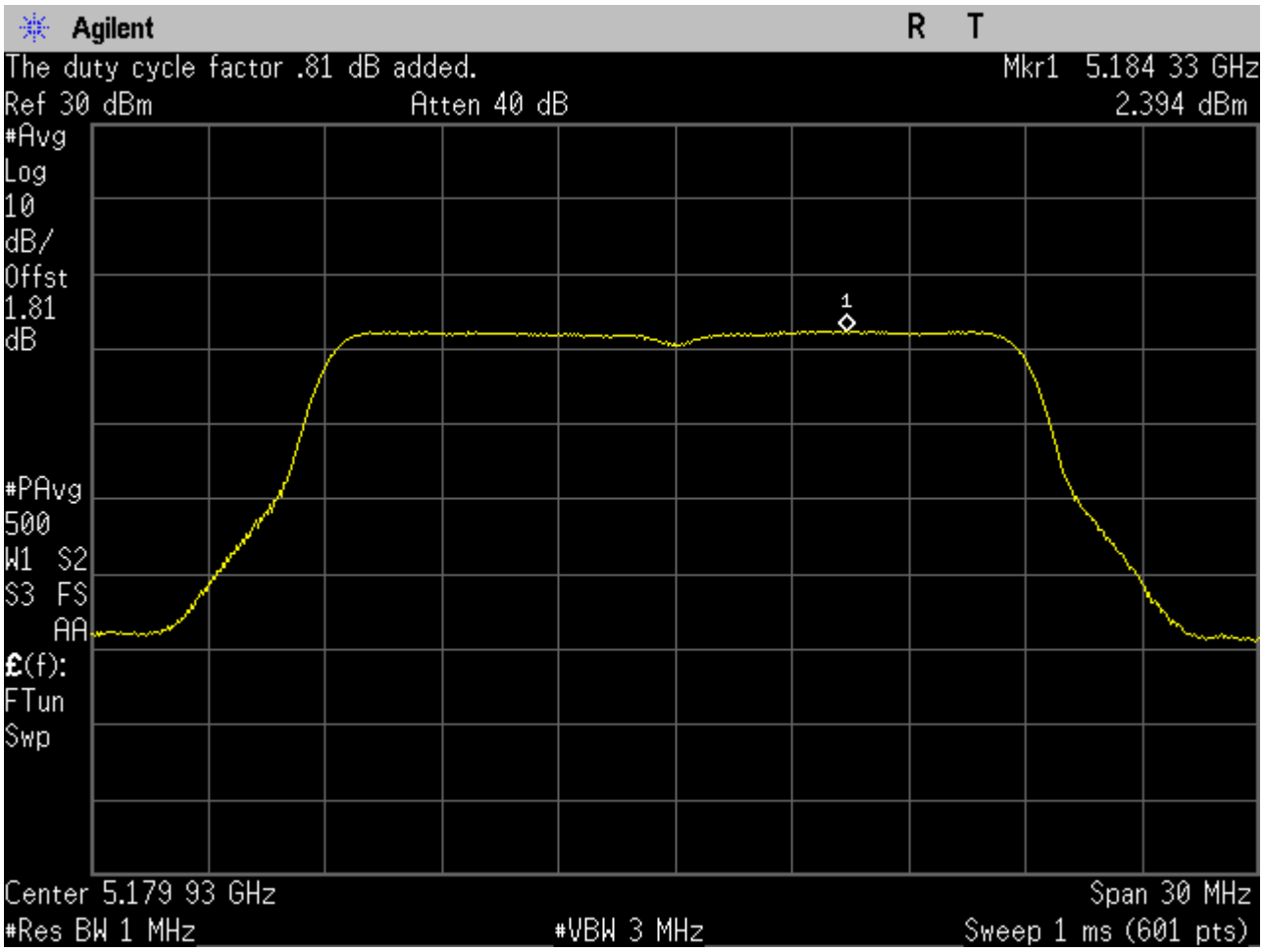
6.2411N40_110



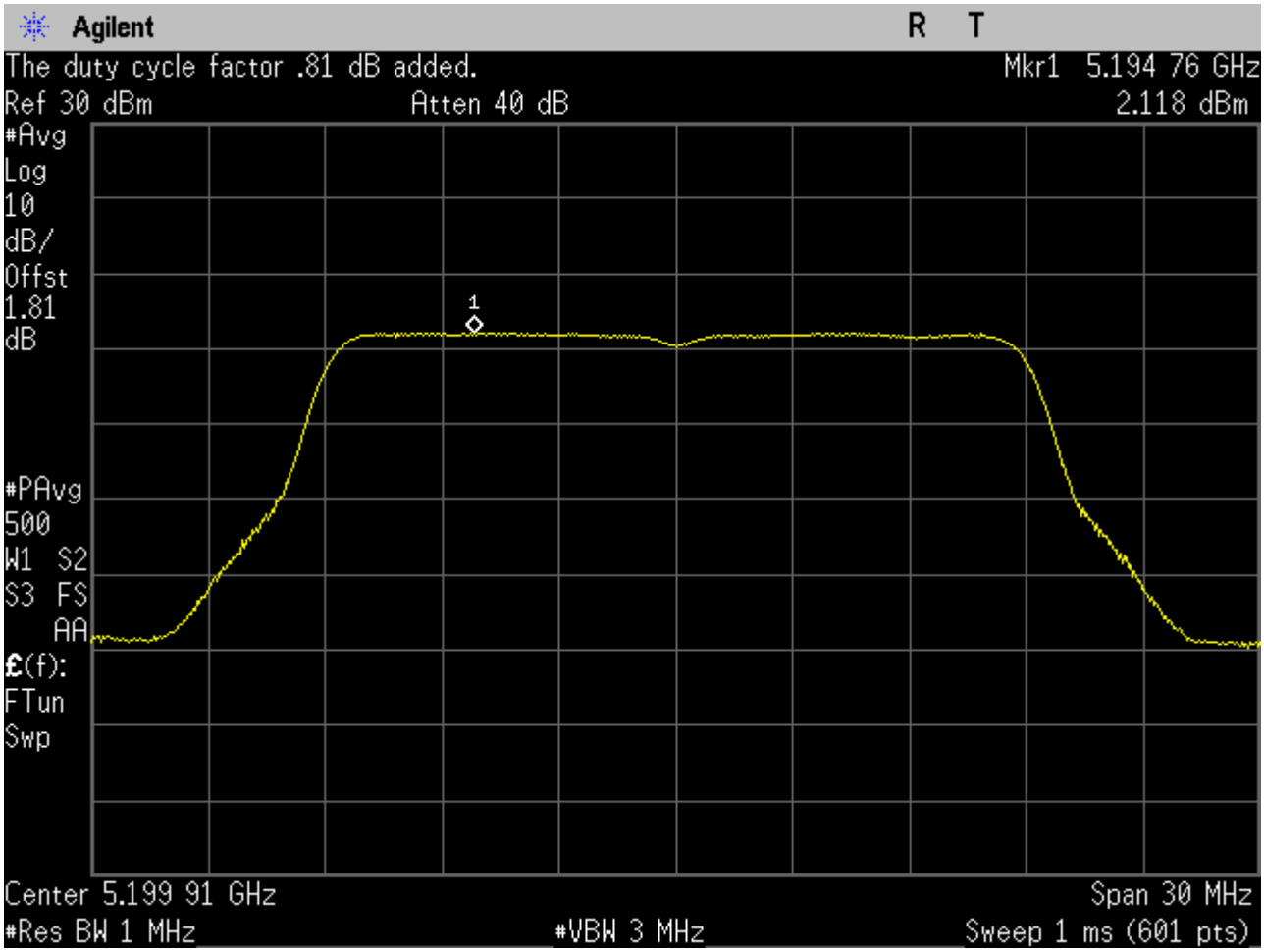
6.2511N40_134



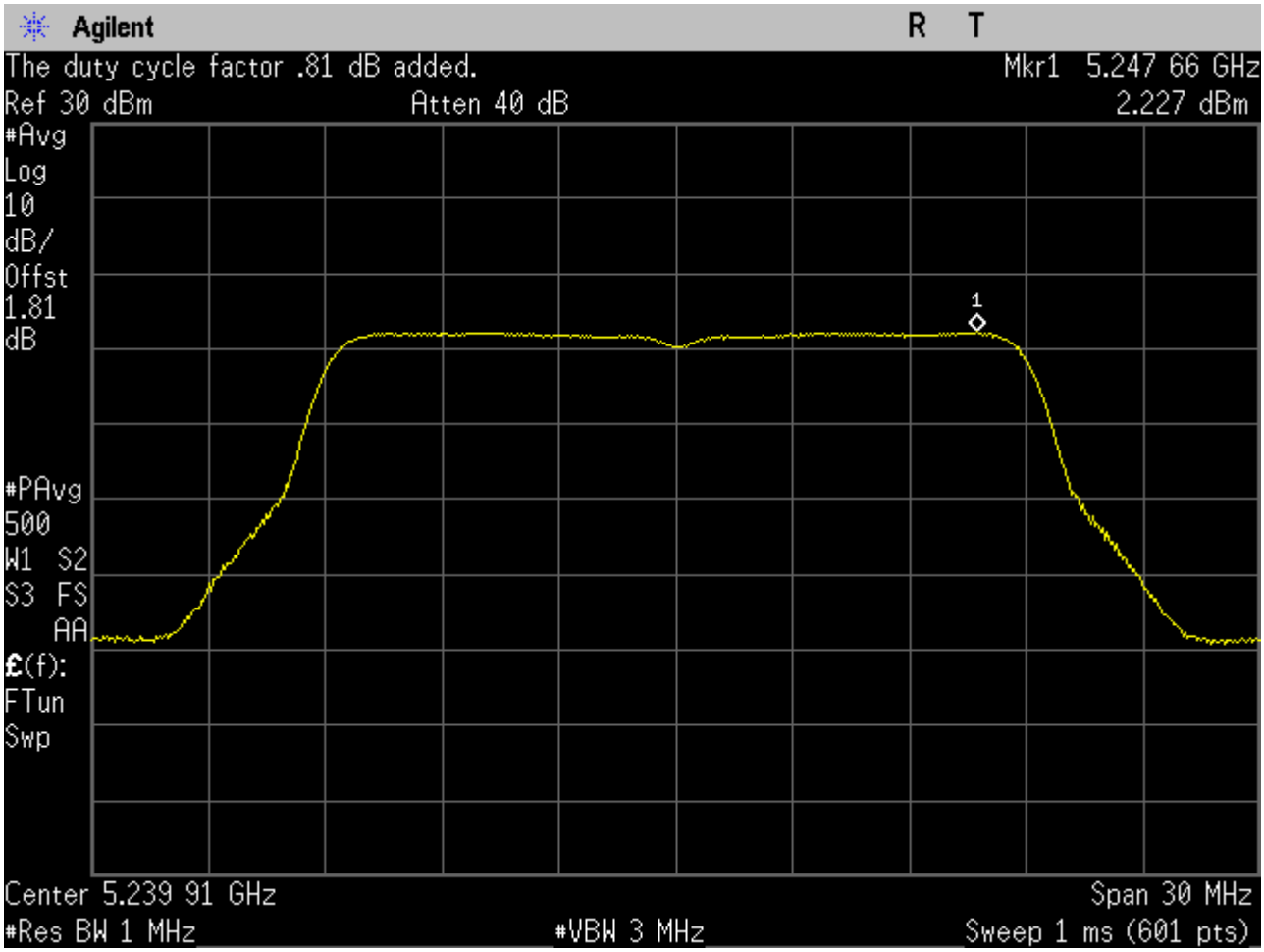
6.2611AC20_36



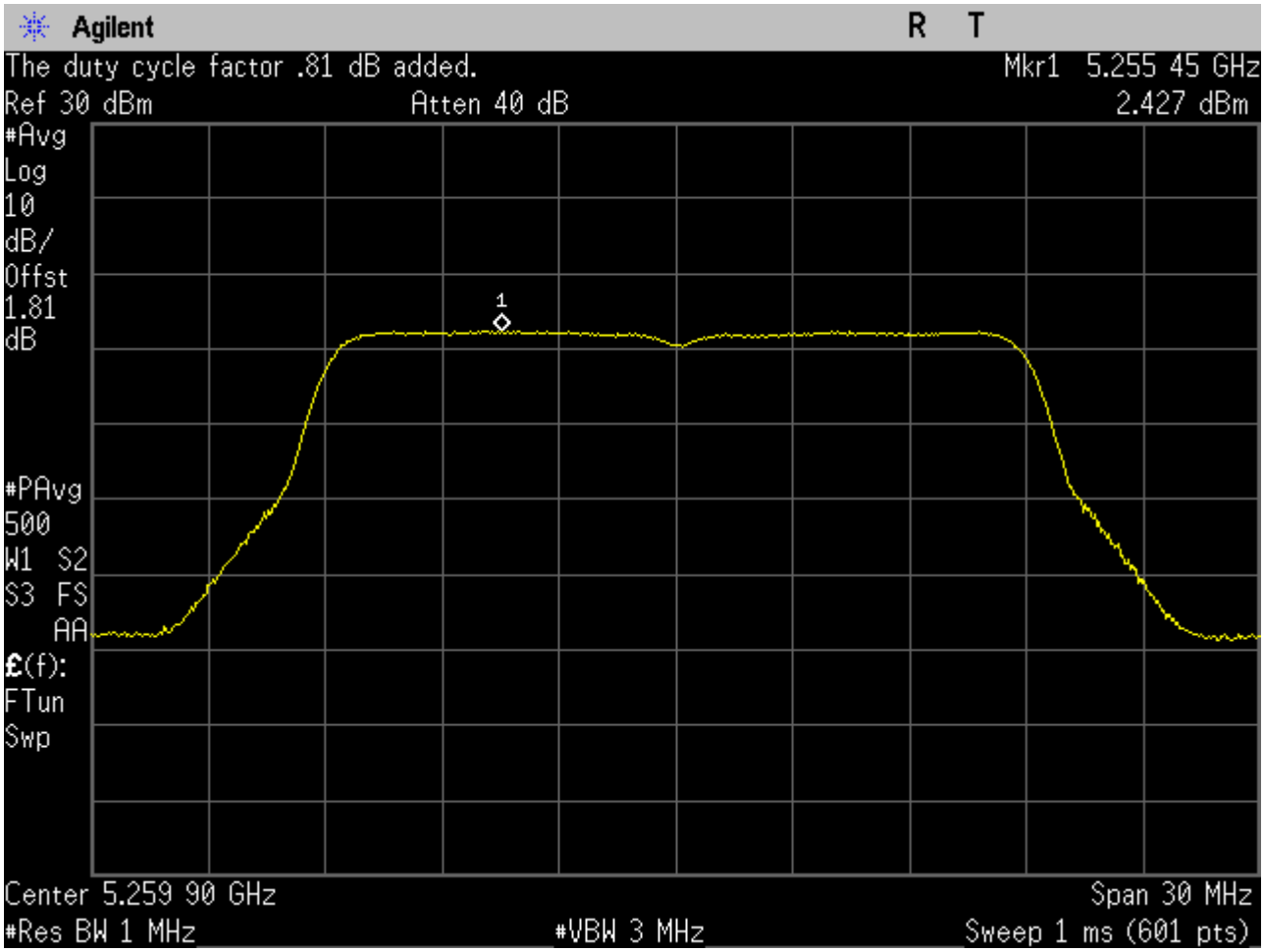
6.2711AC20_40



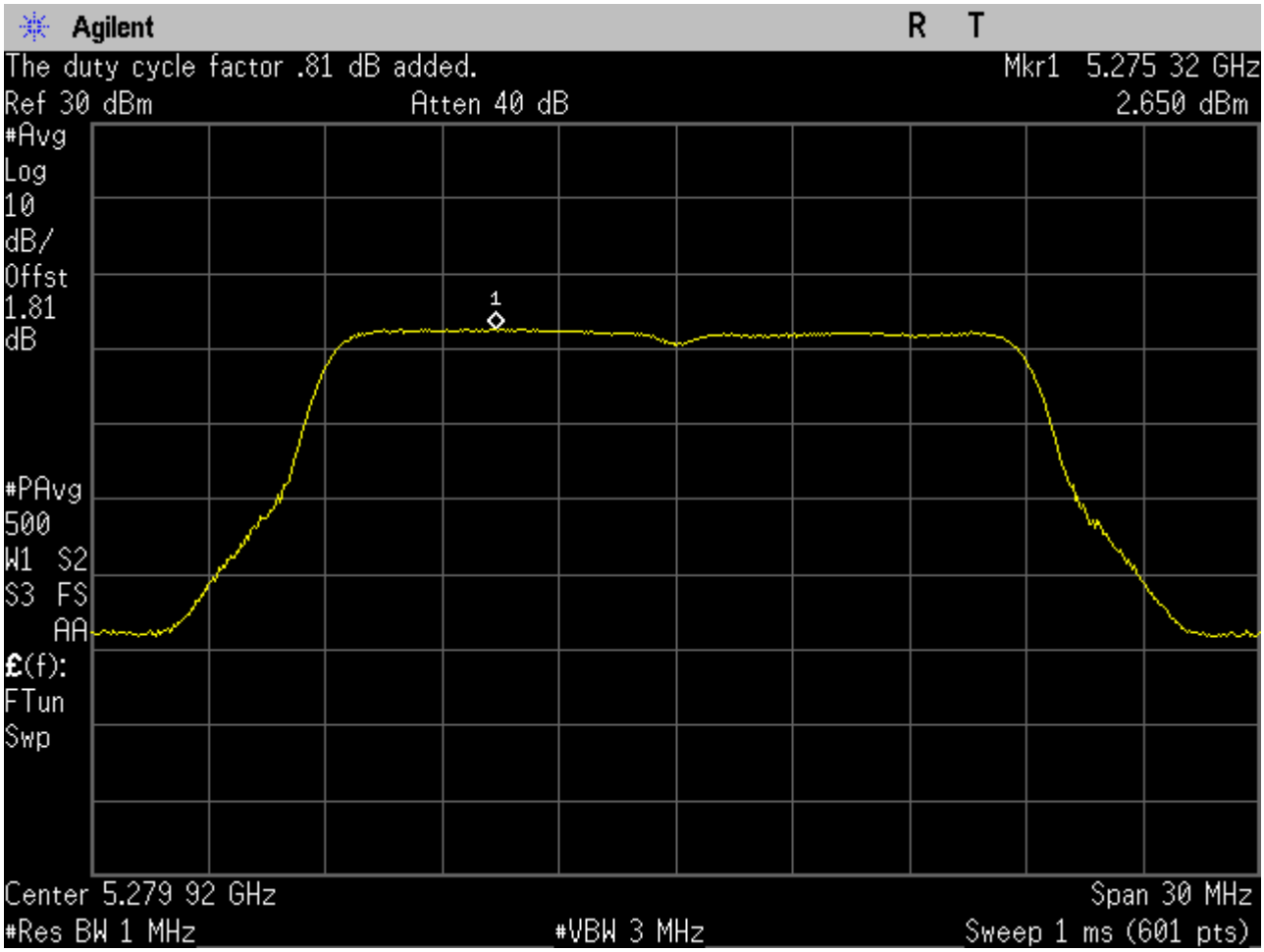
6.2811AC20_48



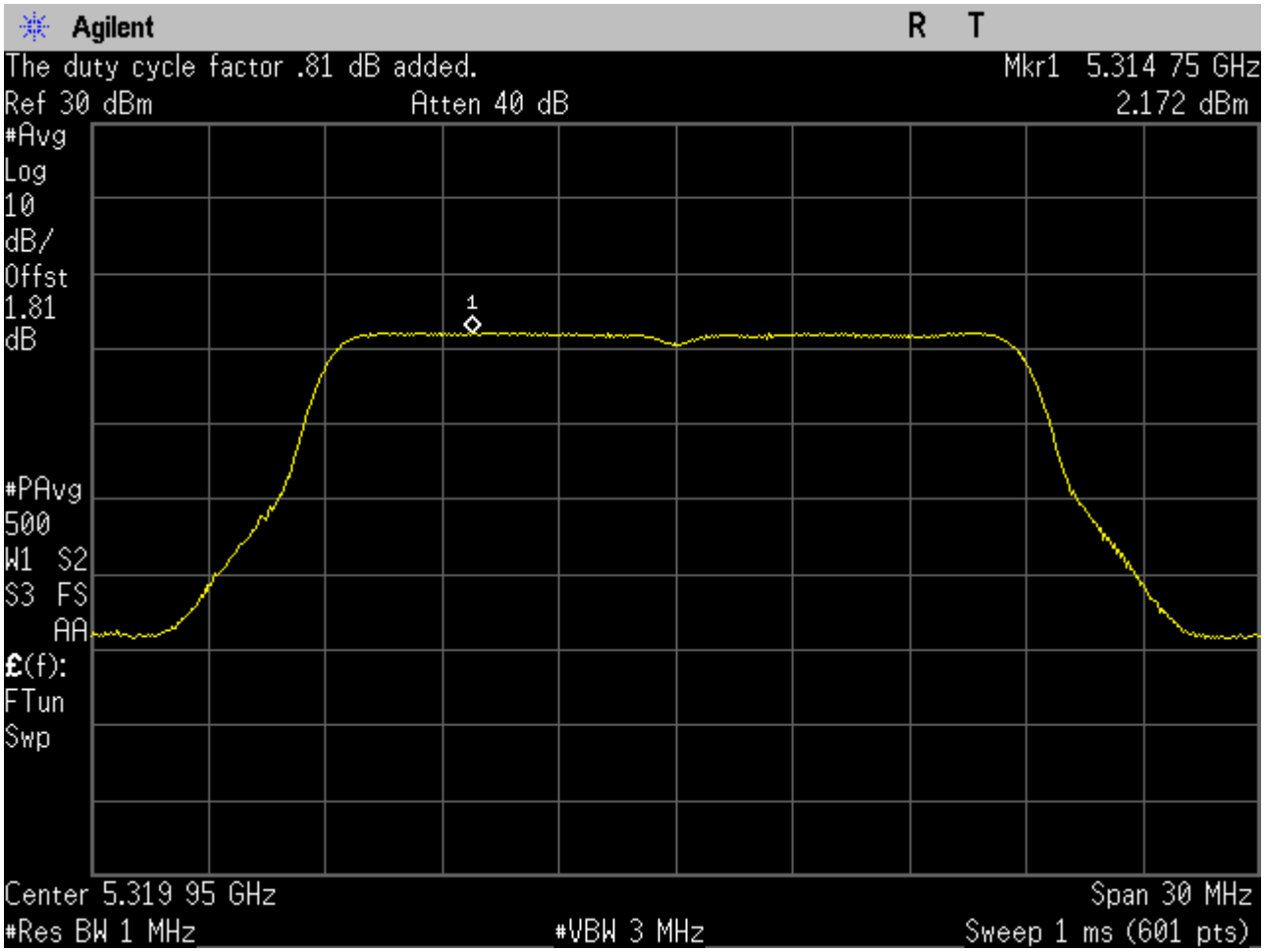
6.2911AC20_52



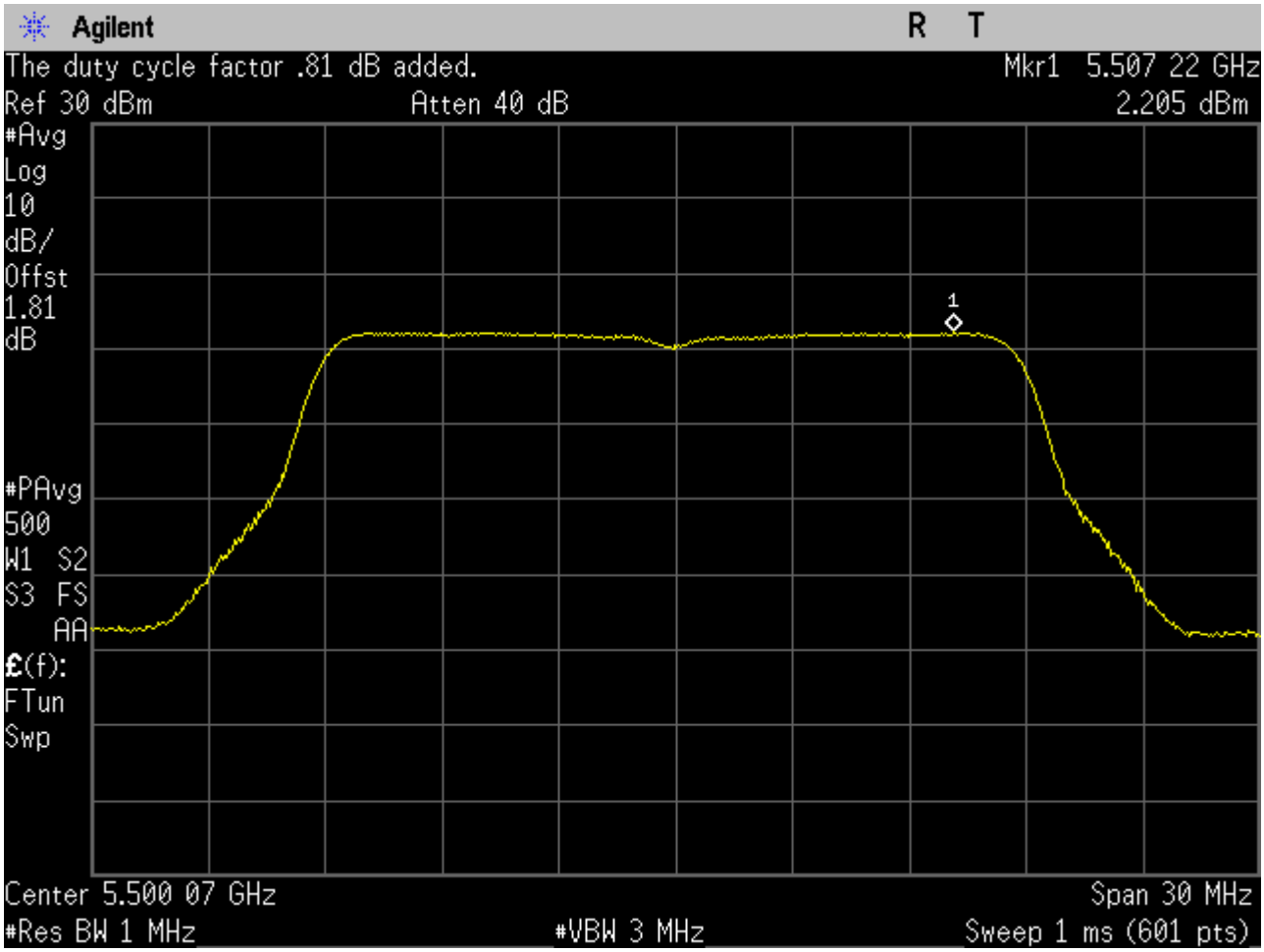
6.3011AC20_56



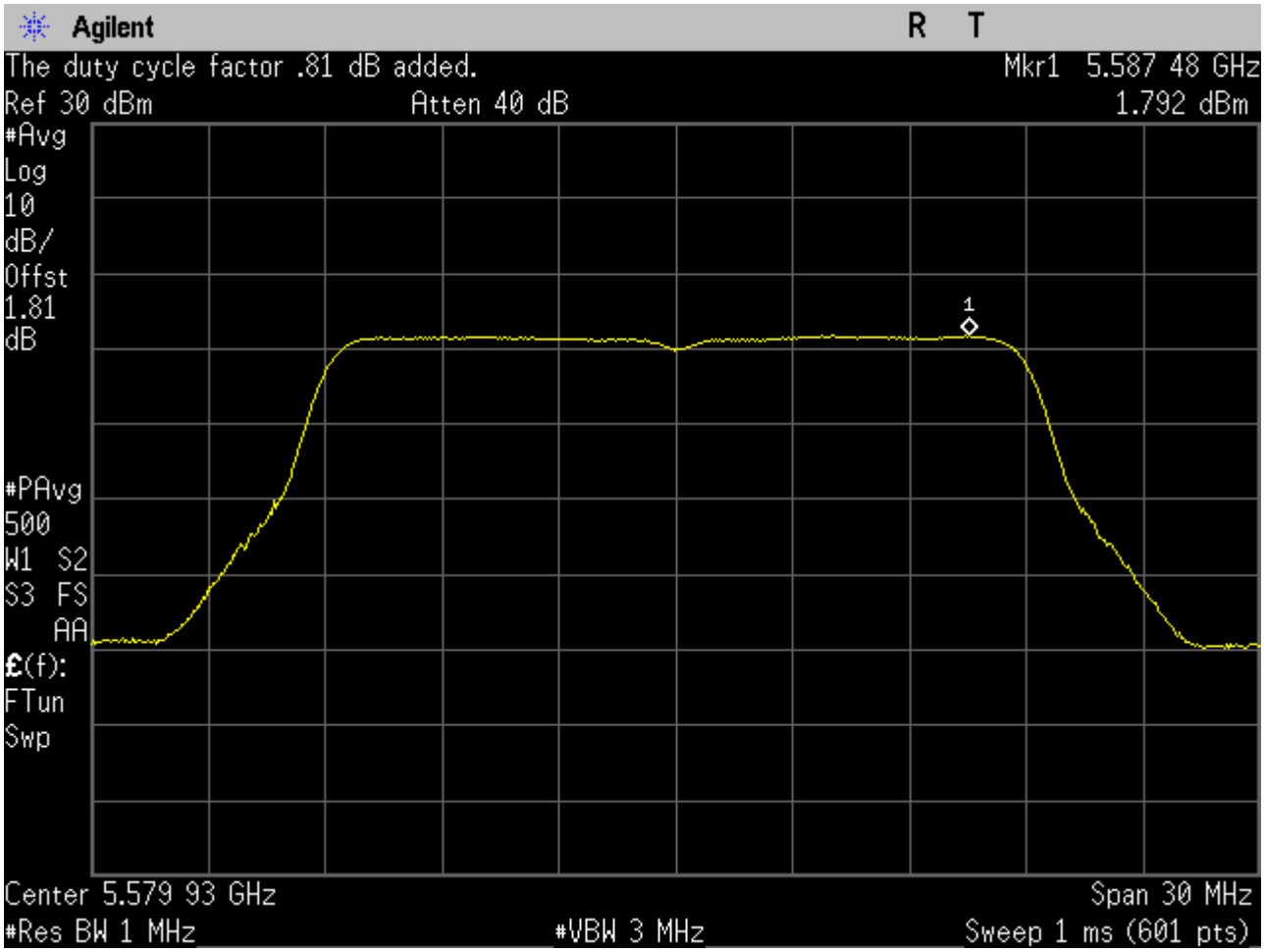
6.3111AC20_64



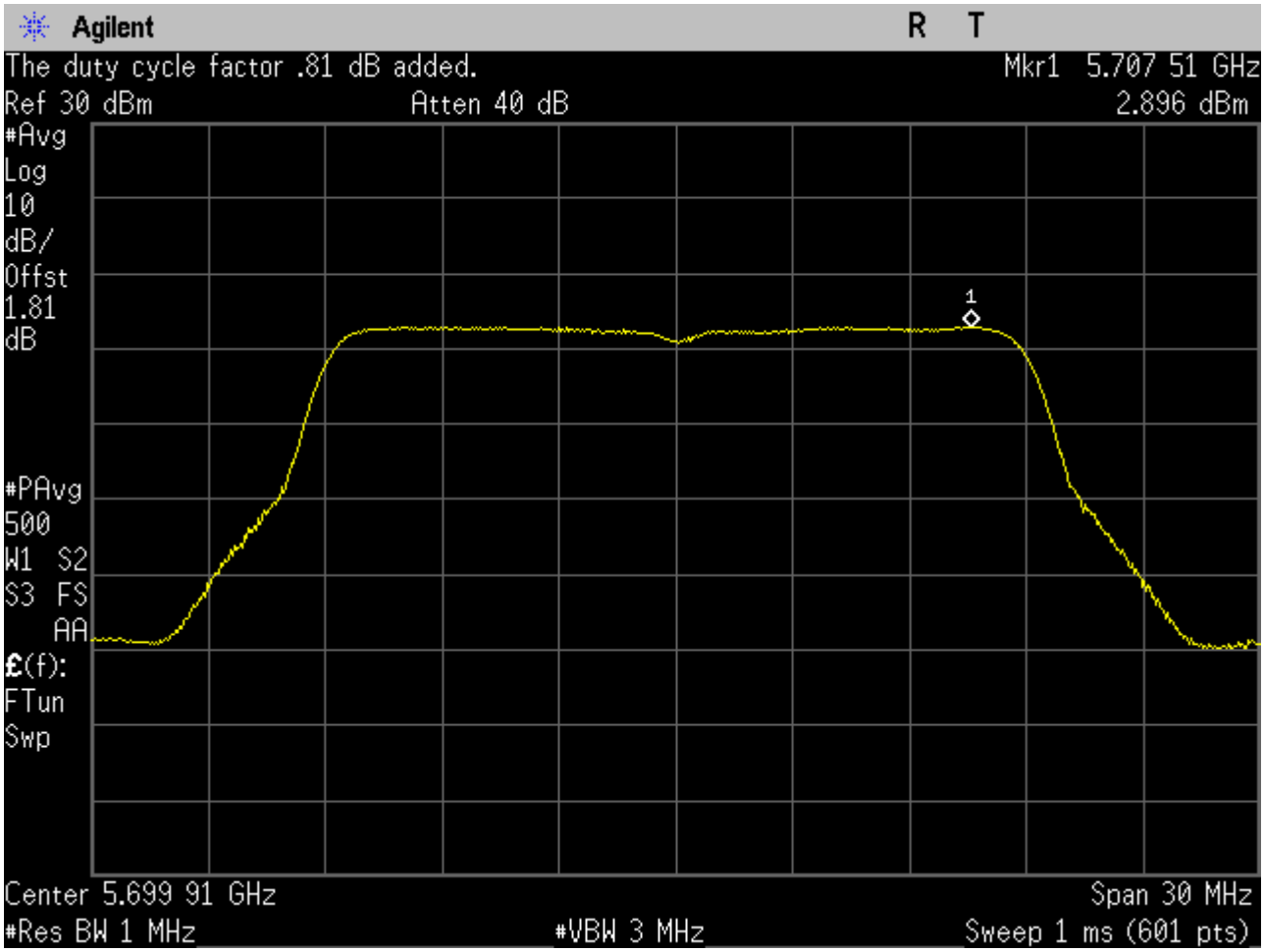
6.3211AC20_100



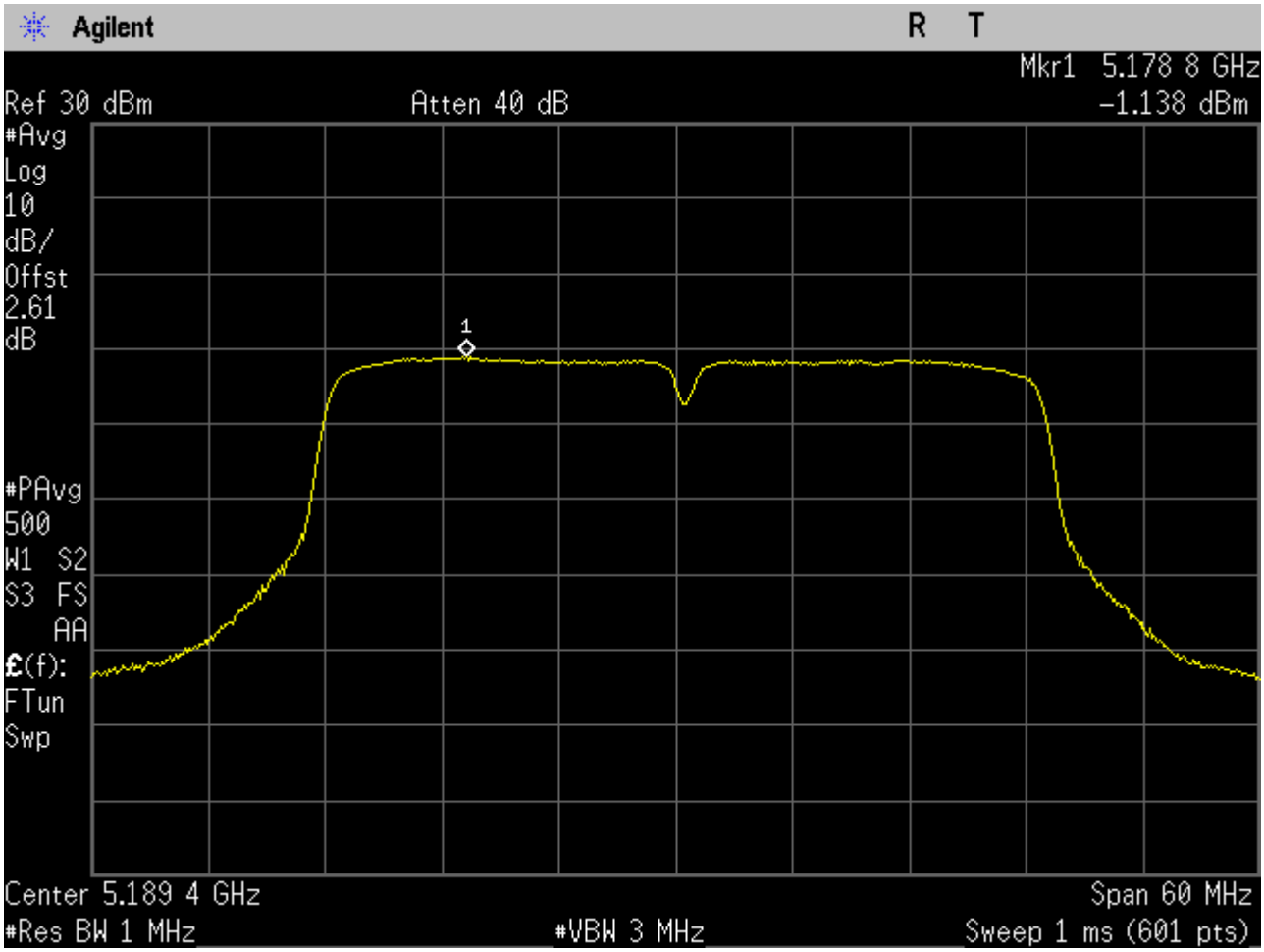
6.3311AC20_116



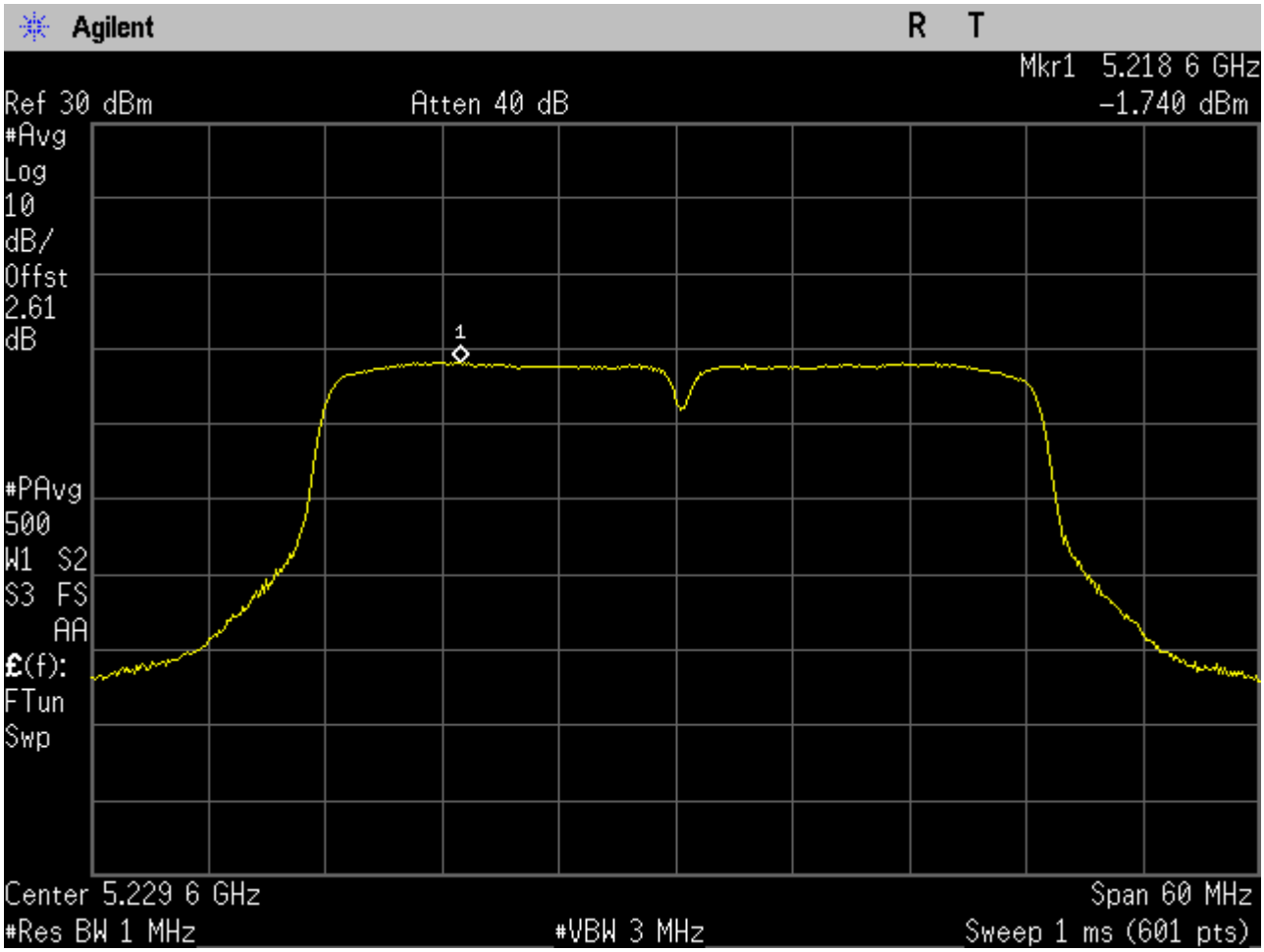
6.3411AC20_140



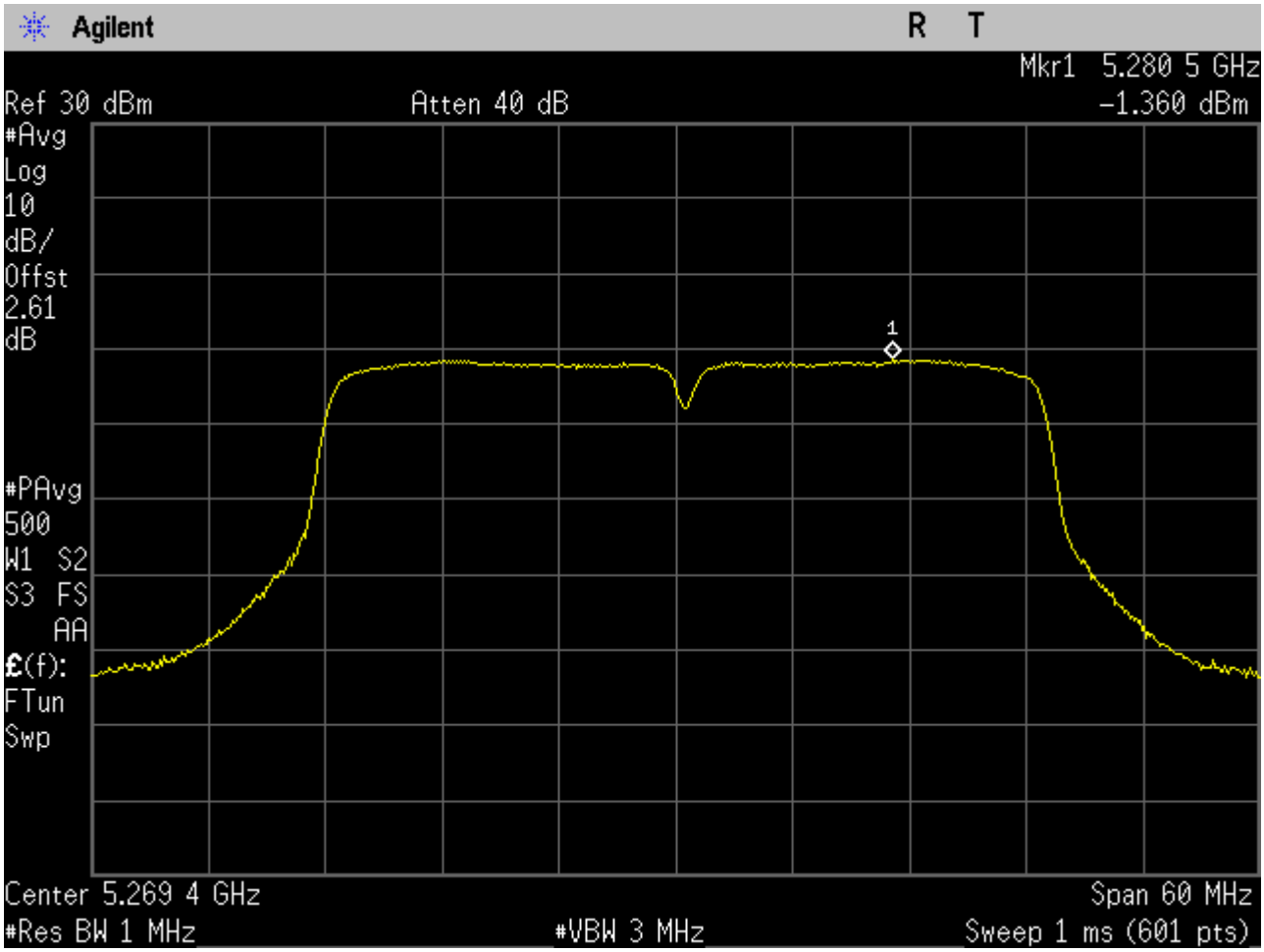
6.3511AC40_38



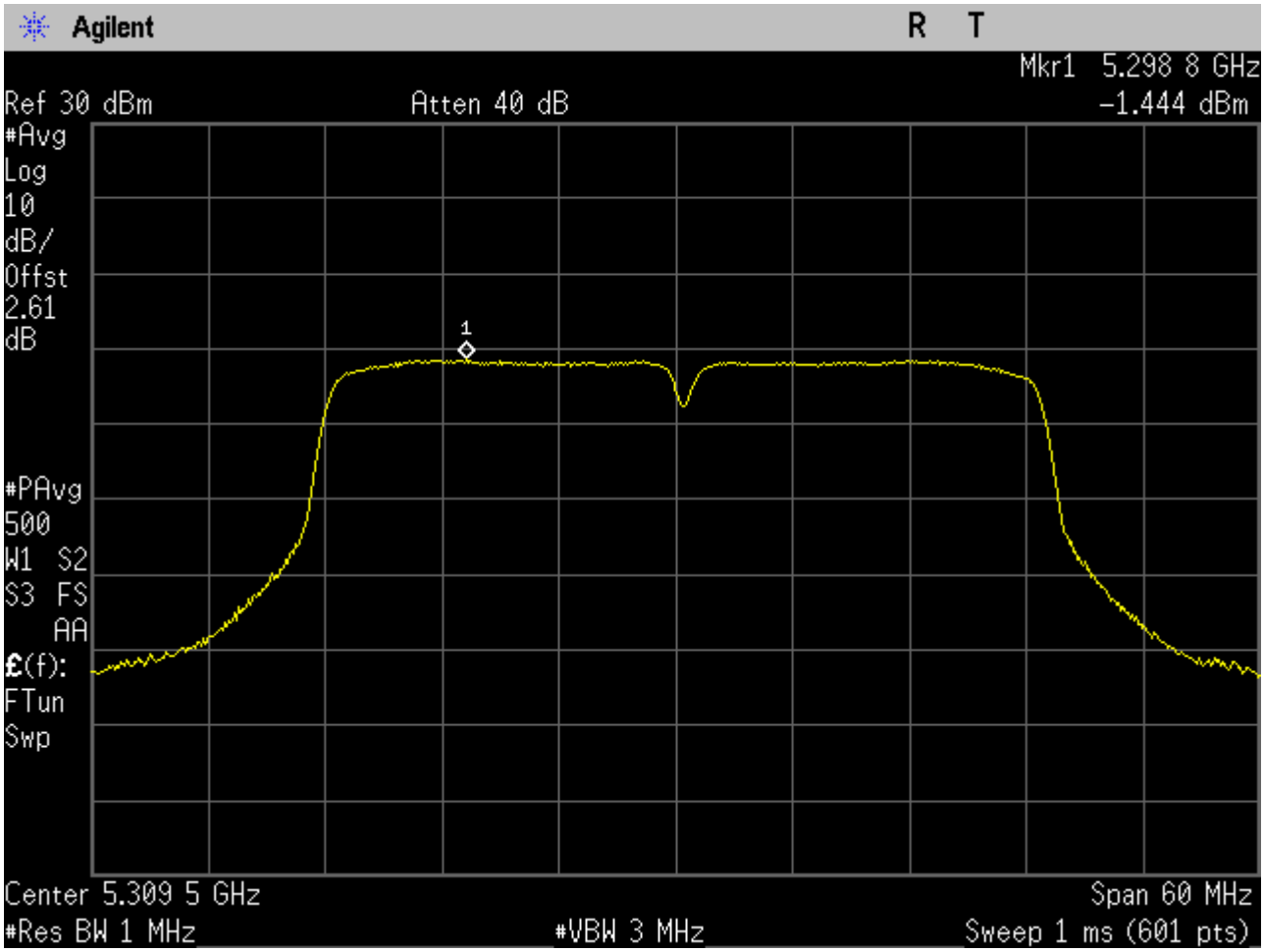
6.3611AC40_46



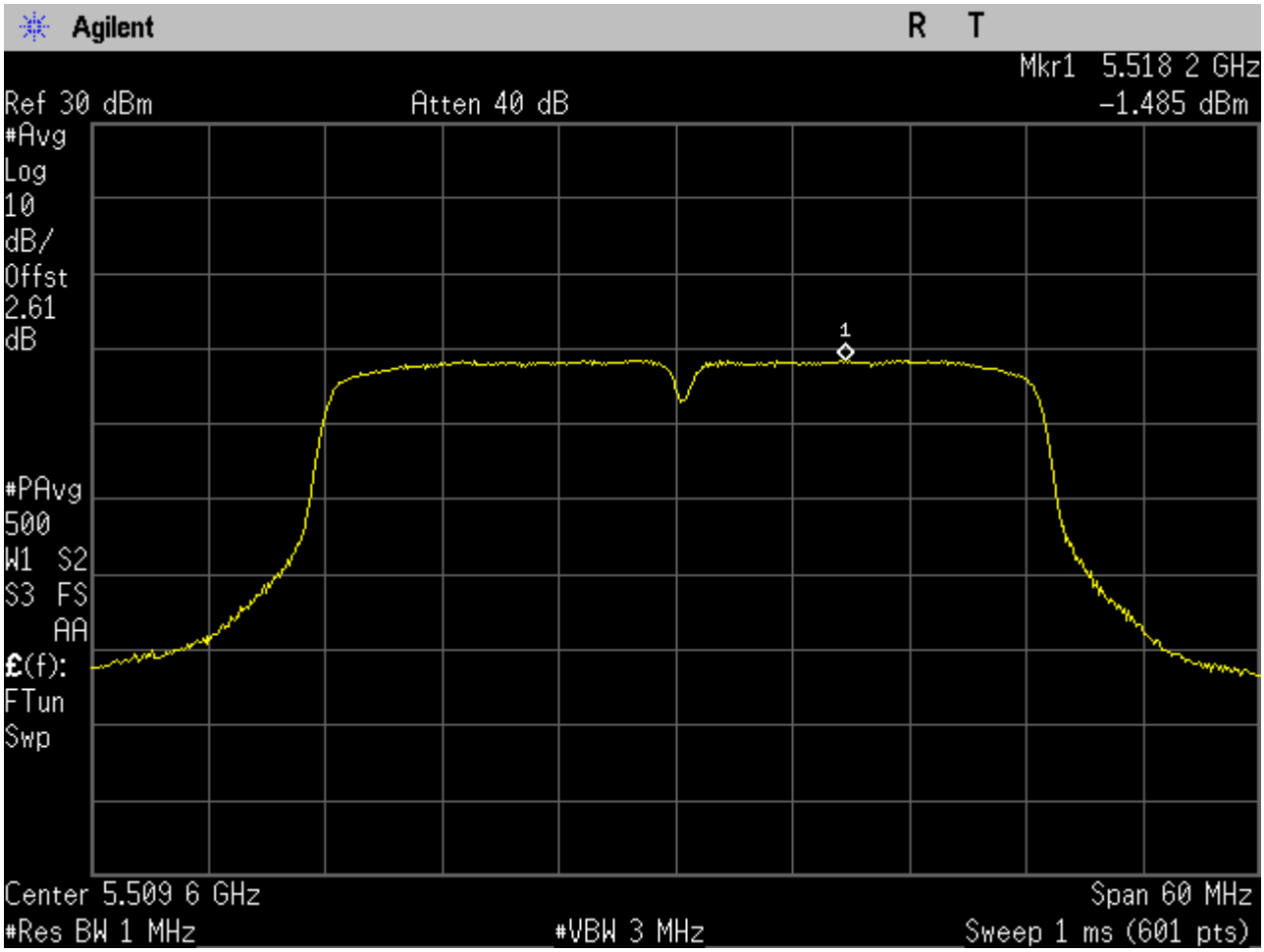
6.3711AC40_54



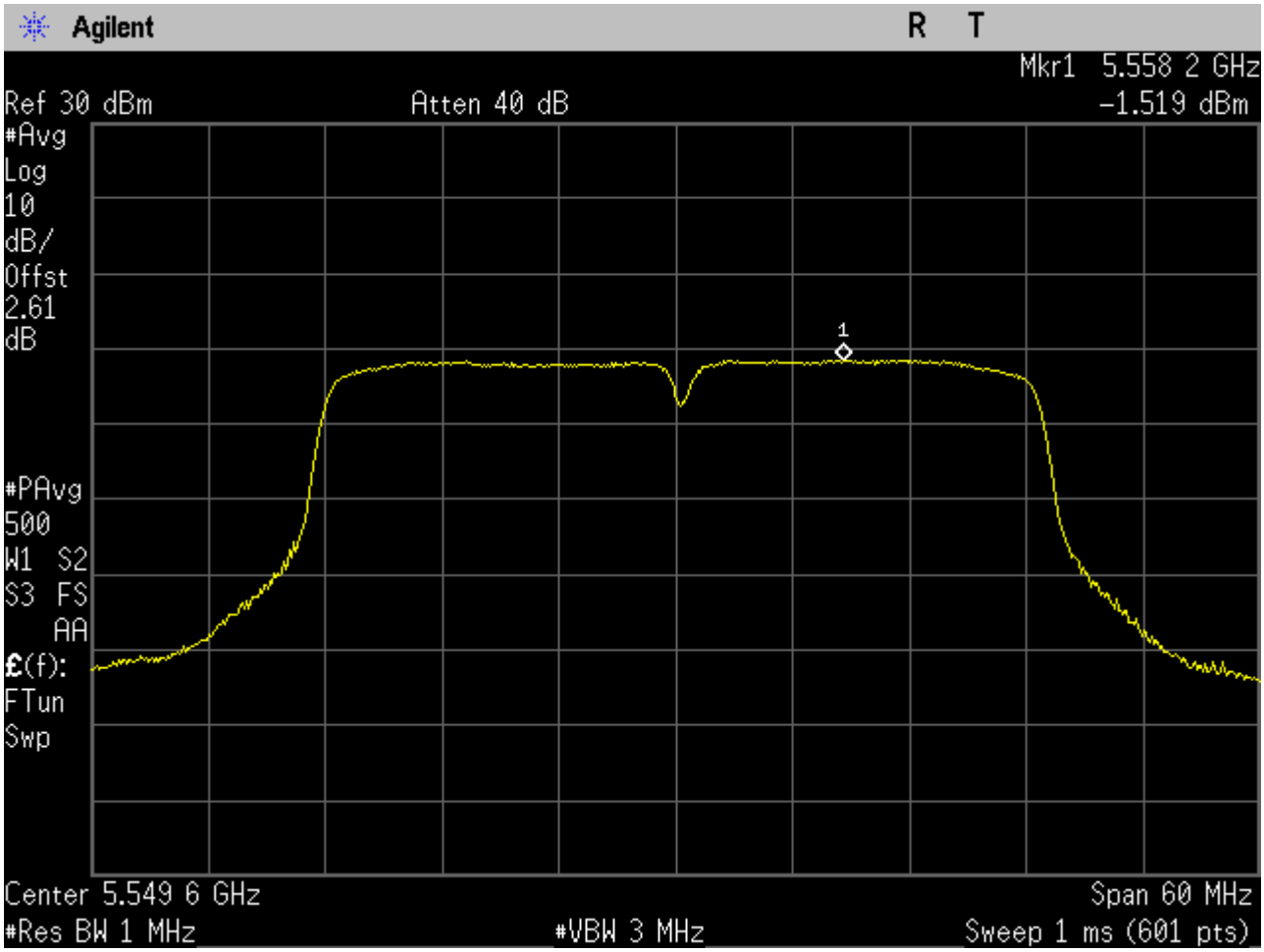
6.3811AC40_62



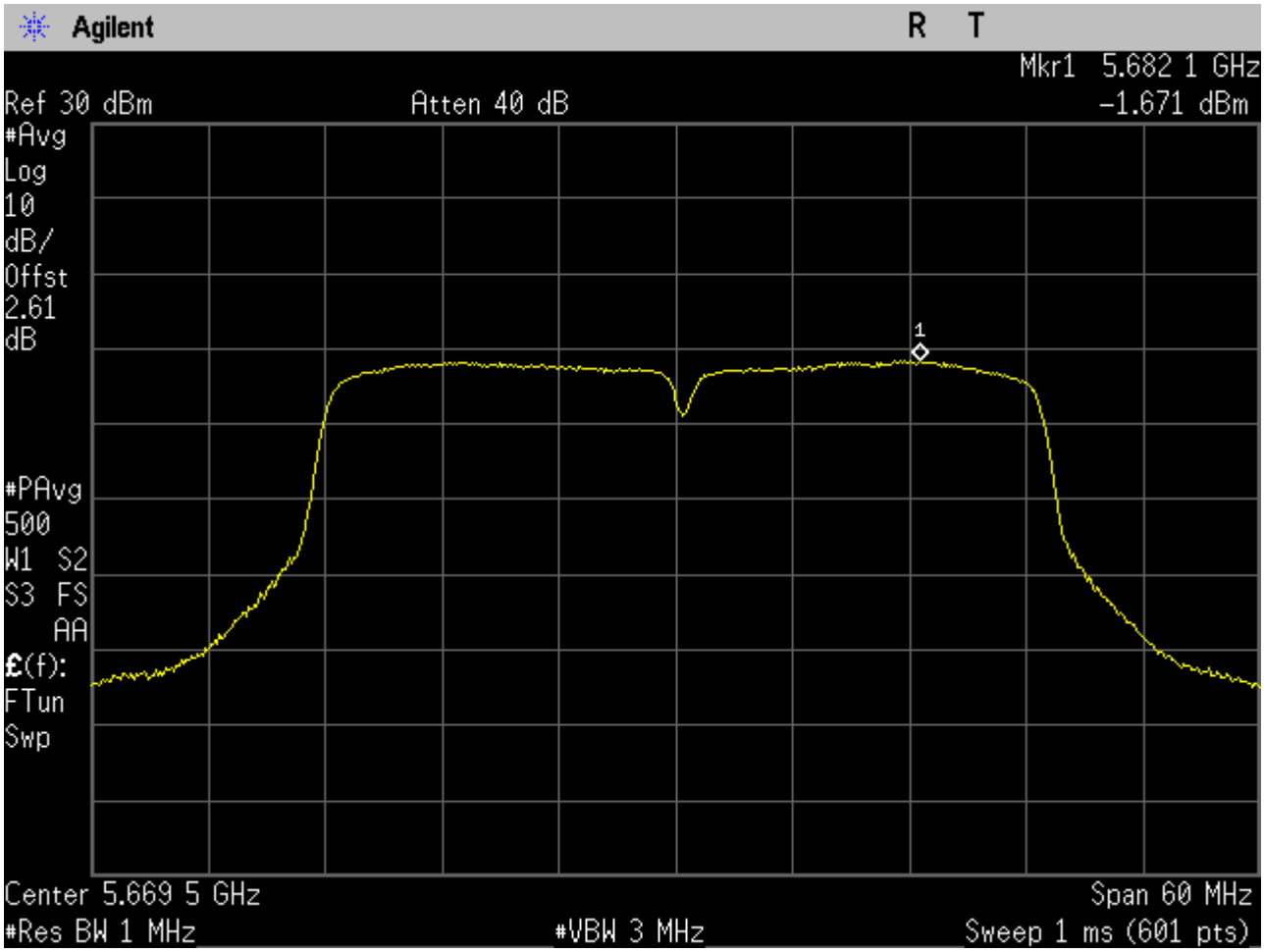
6.3911AC40_102



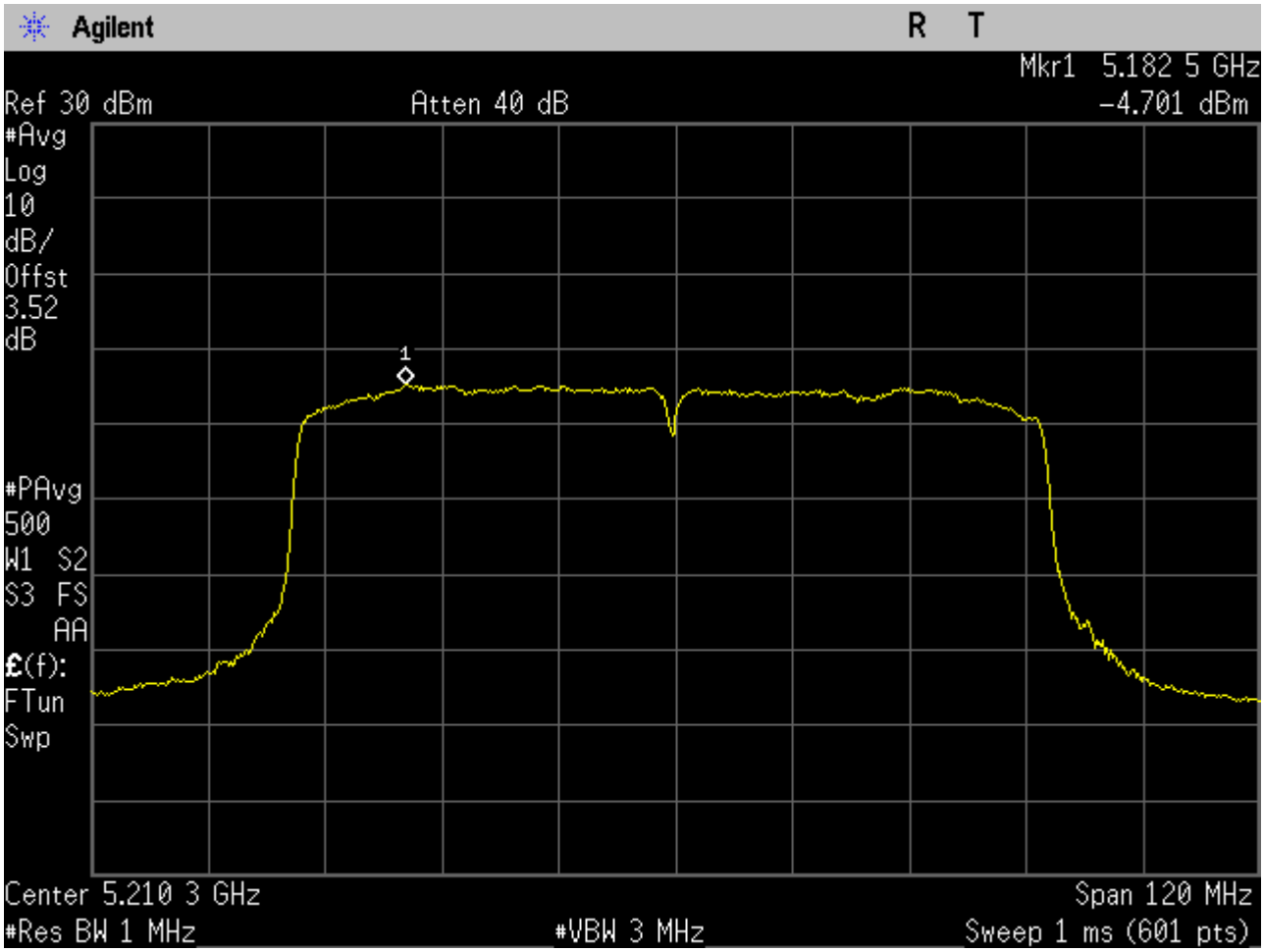
6.4011AC40_110



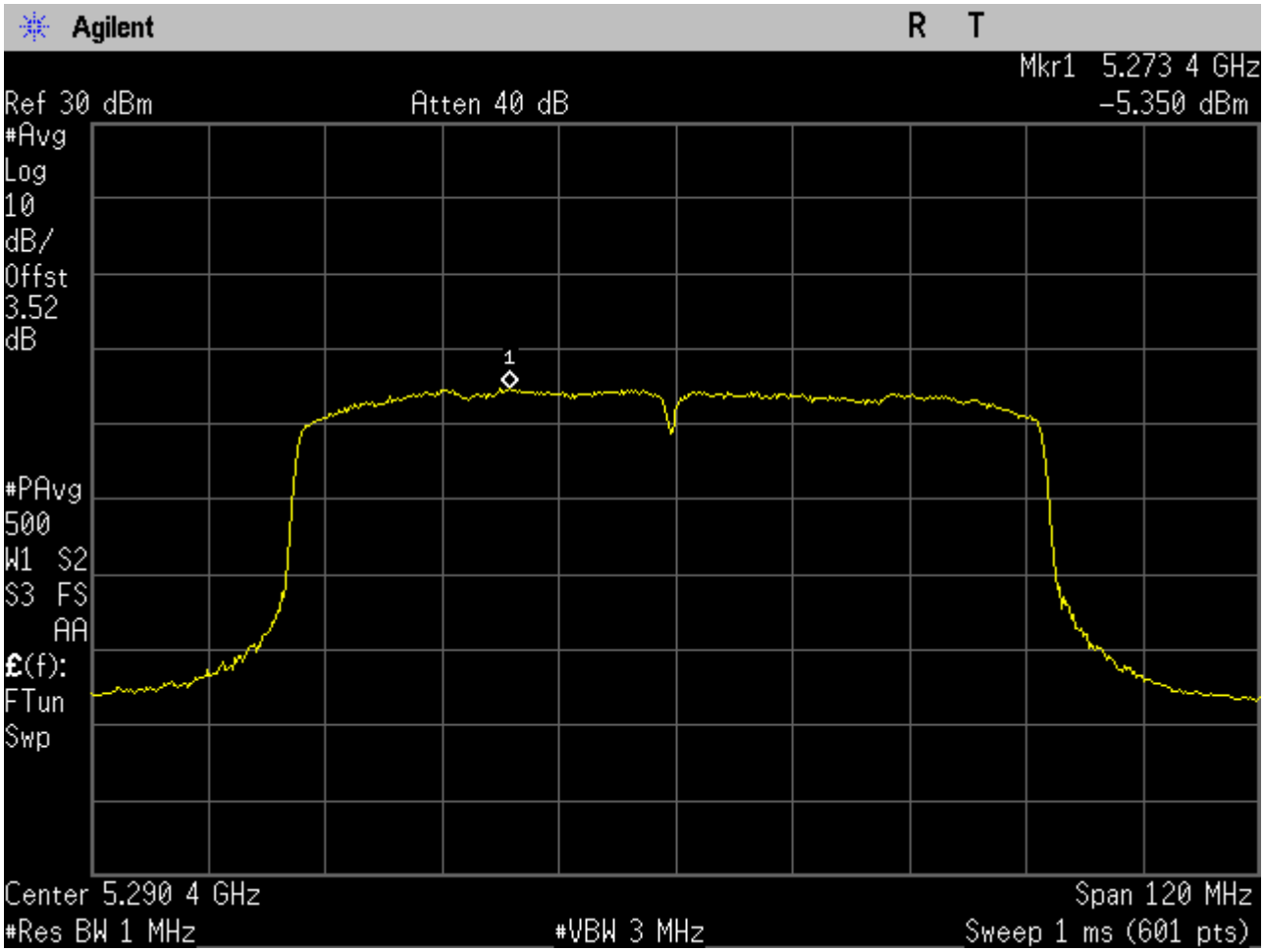
6.4111AC40_134



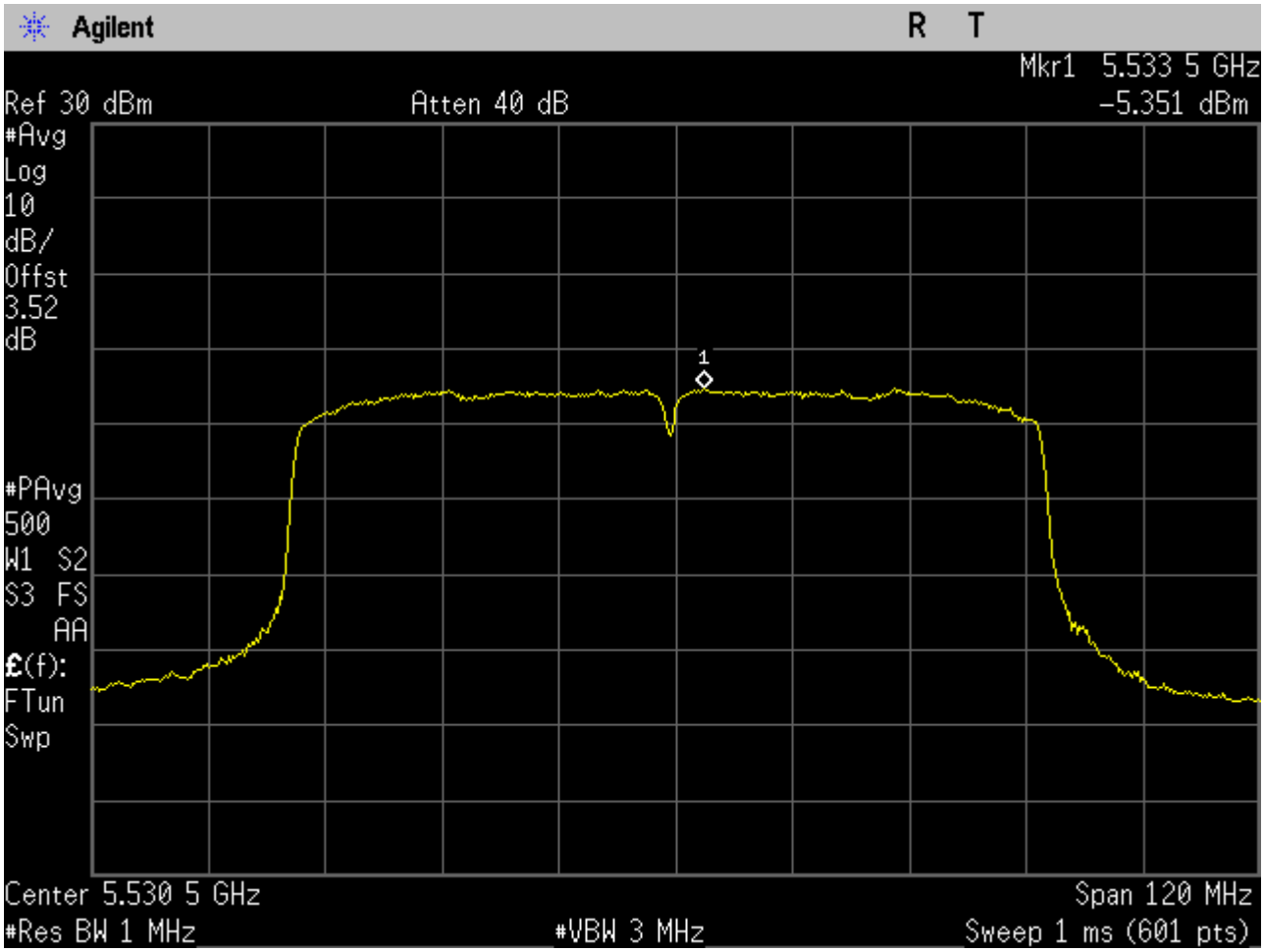
6.4211AC80_42



6.4311AC80_58



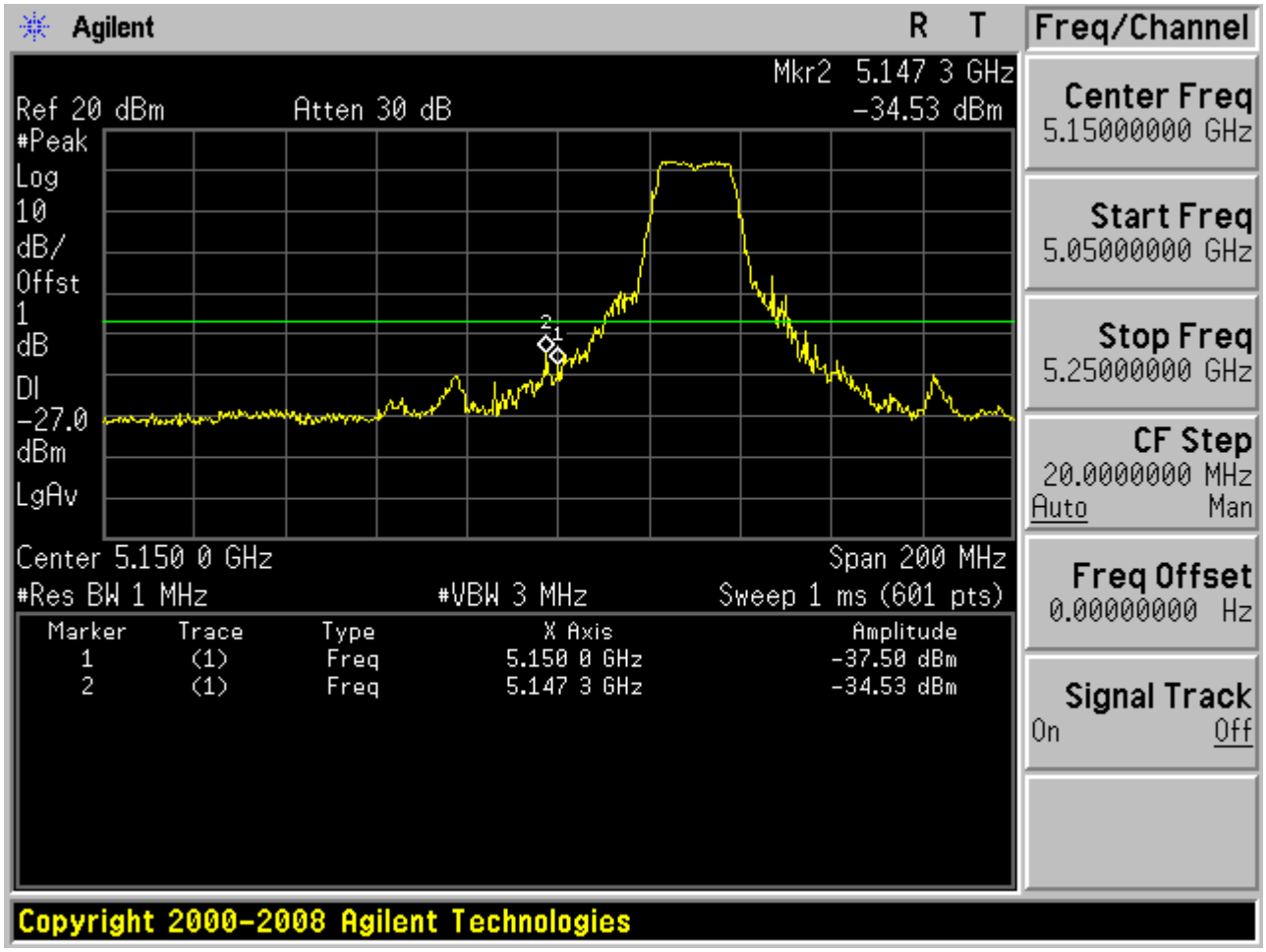
6.4411AC80_106



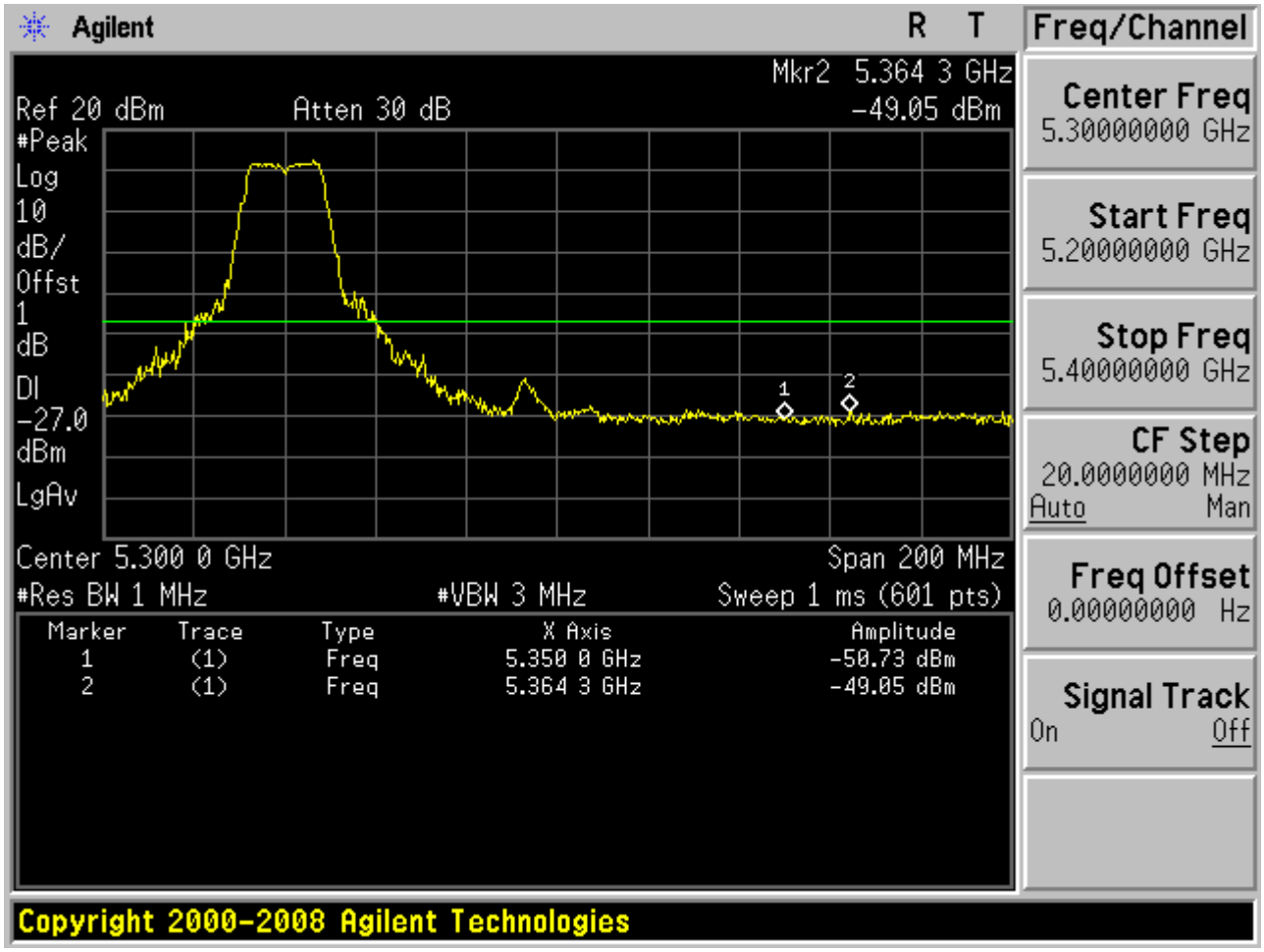
Appendix D: Unwanted Emissions into Non-Restricted Frequency Bands

7 Test Plot

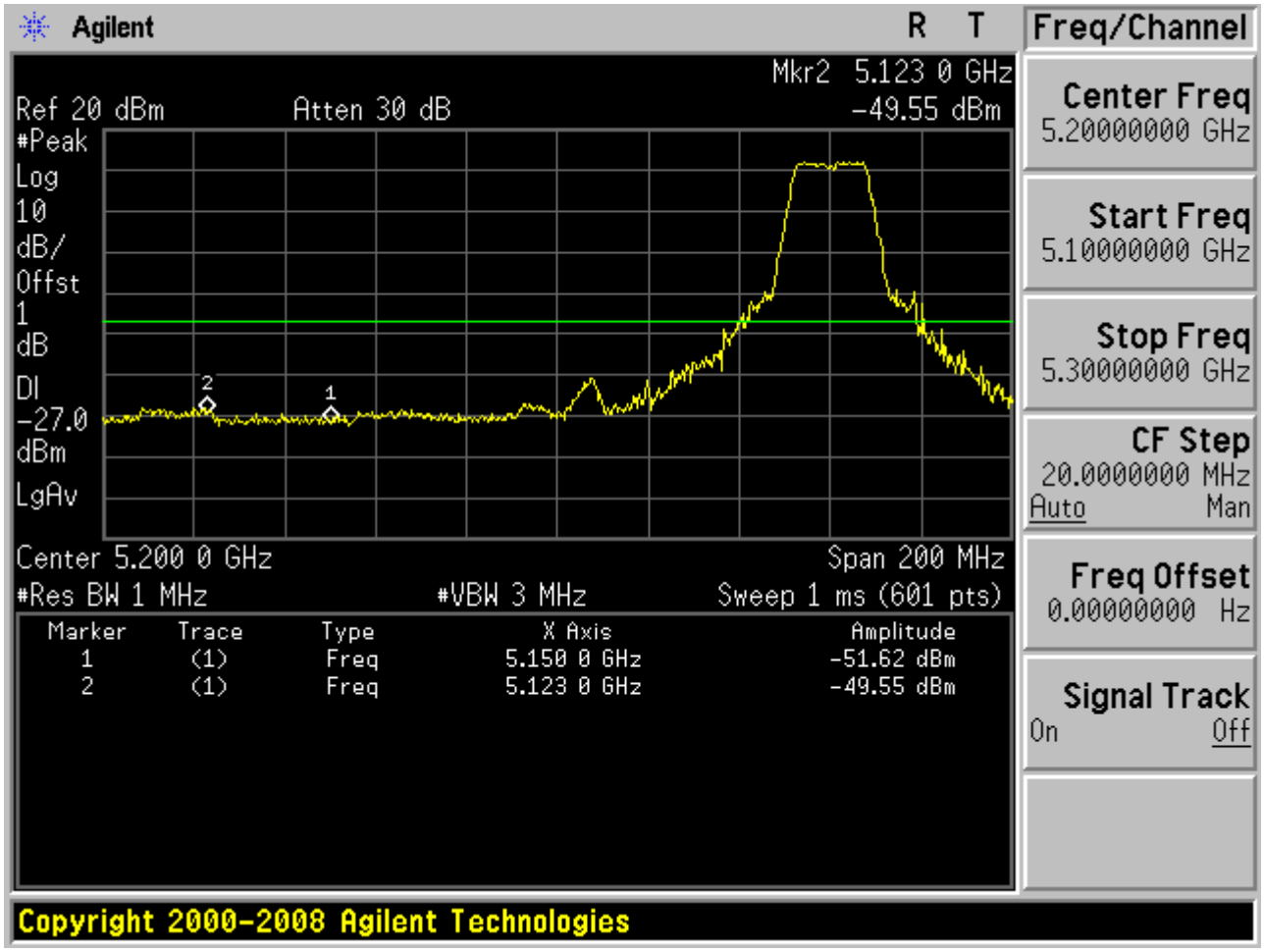
7.1 11A_36



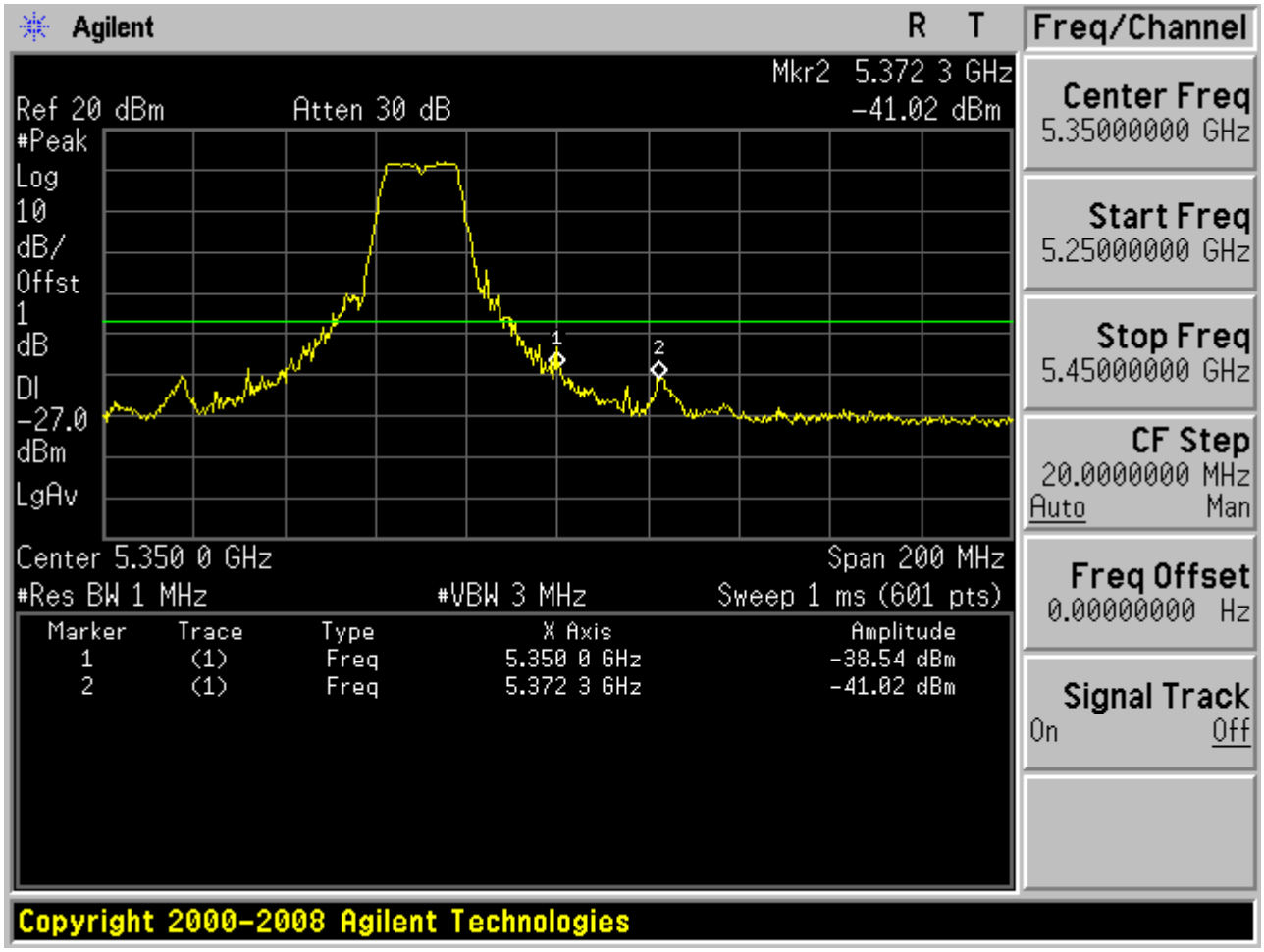
7.2 11A_48



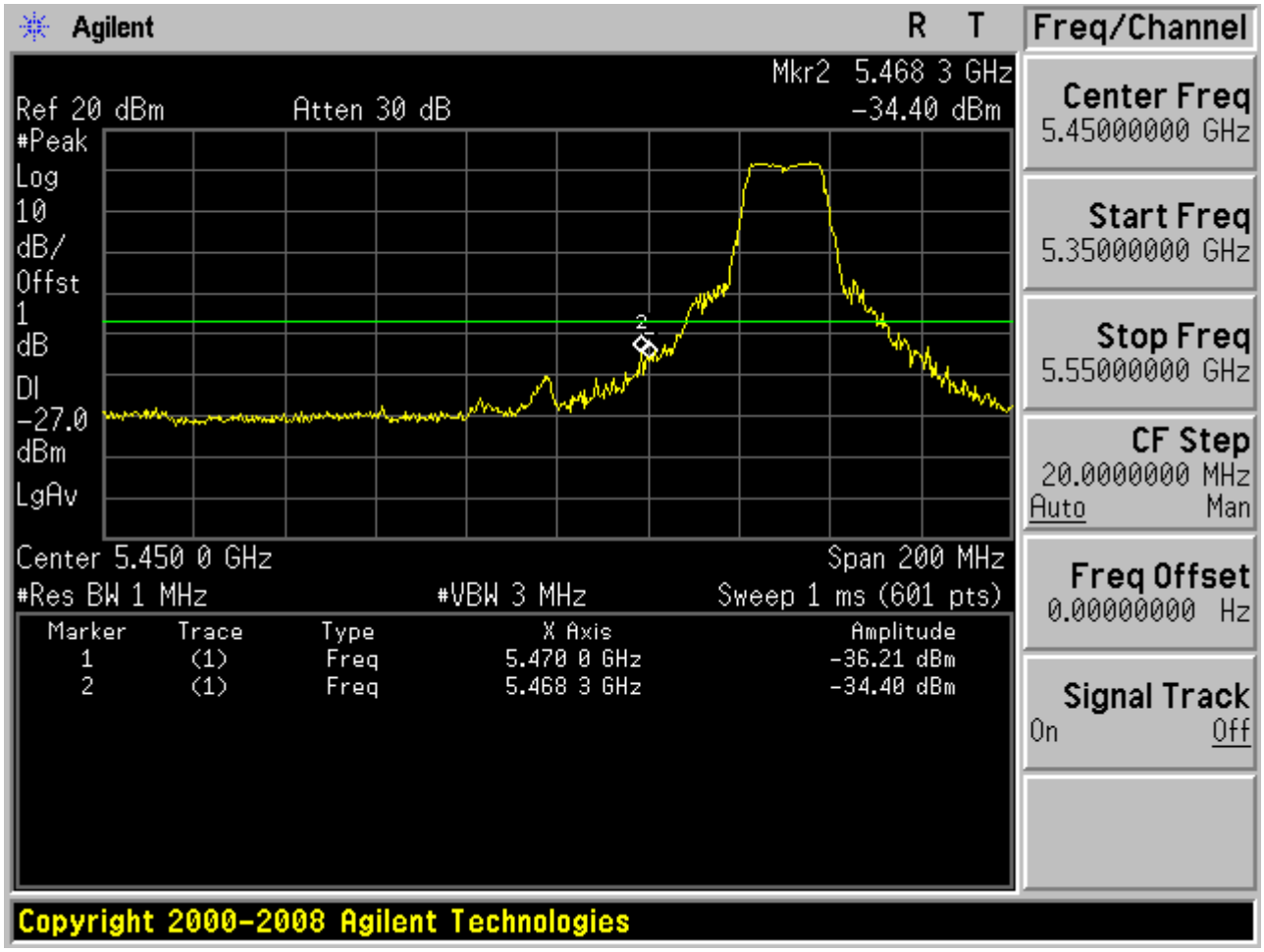
7.3 11A_52



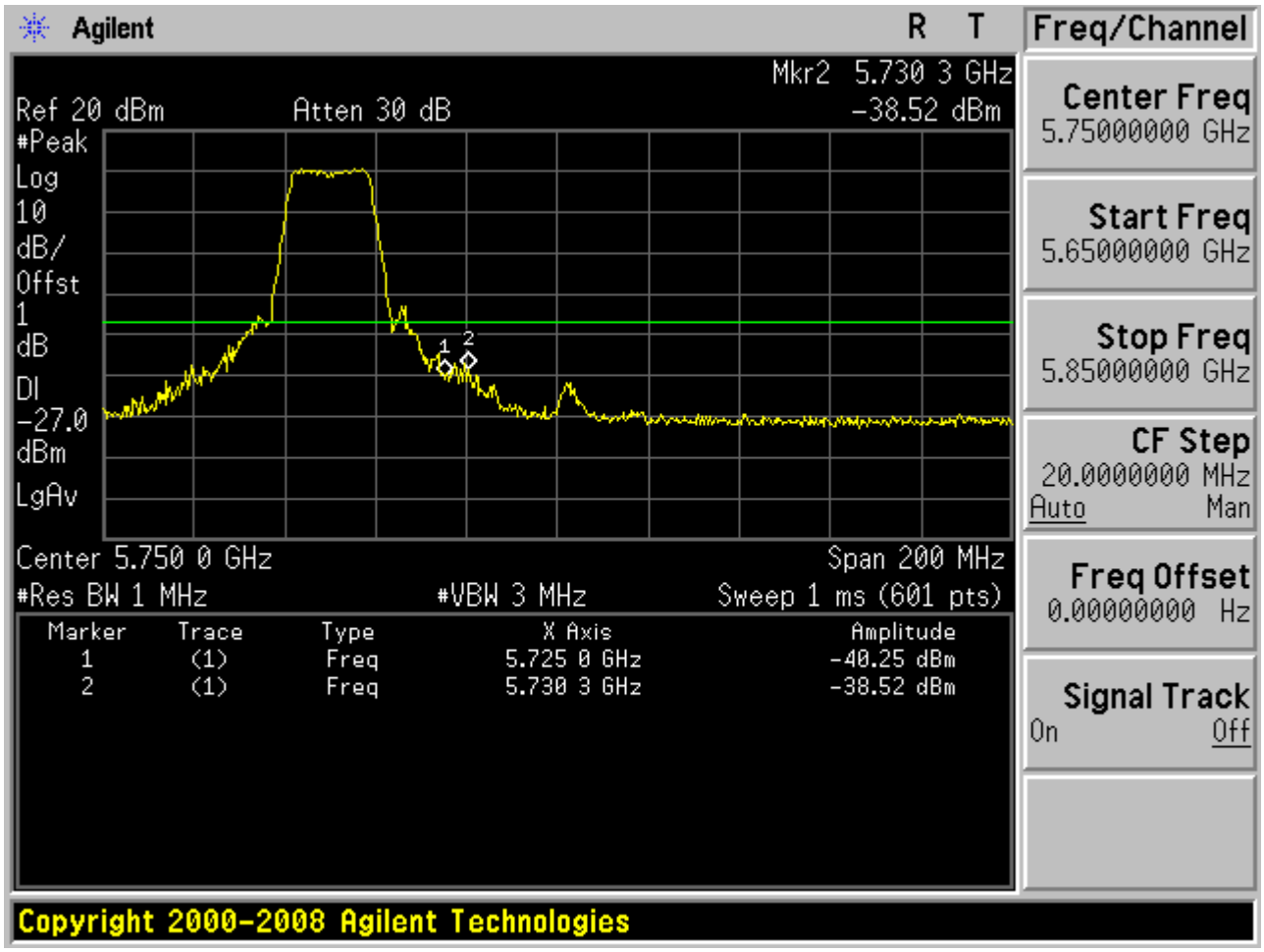
7.4 11A_64



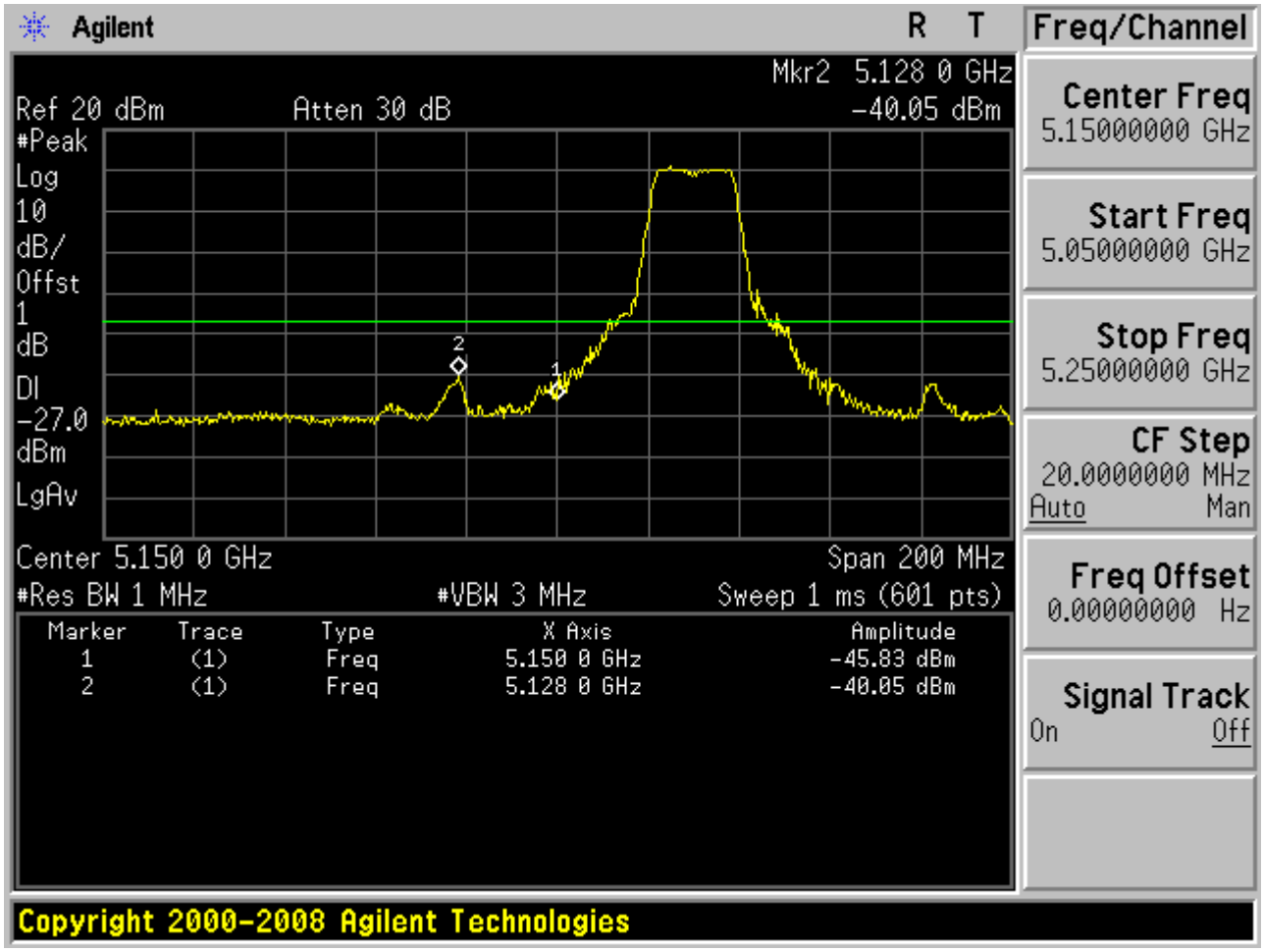
7.5 11A_100



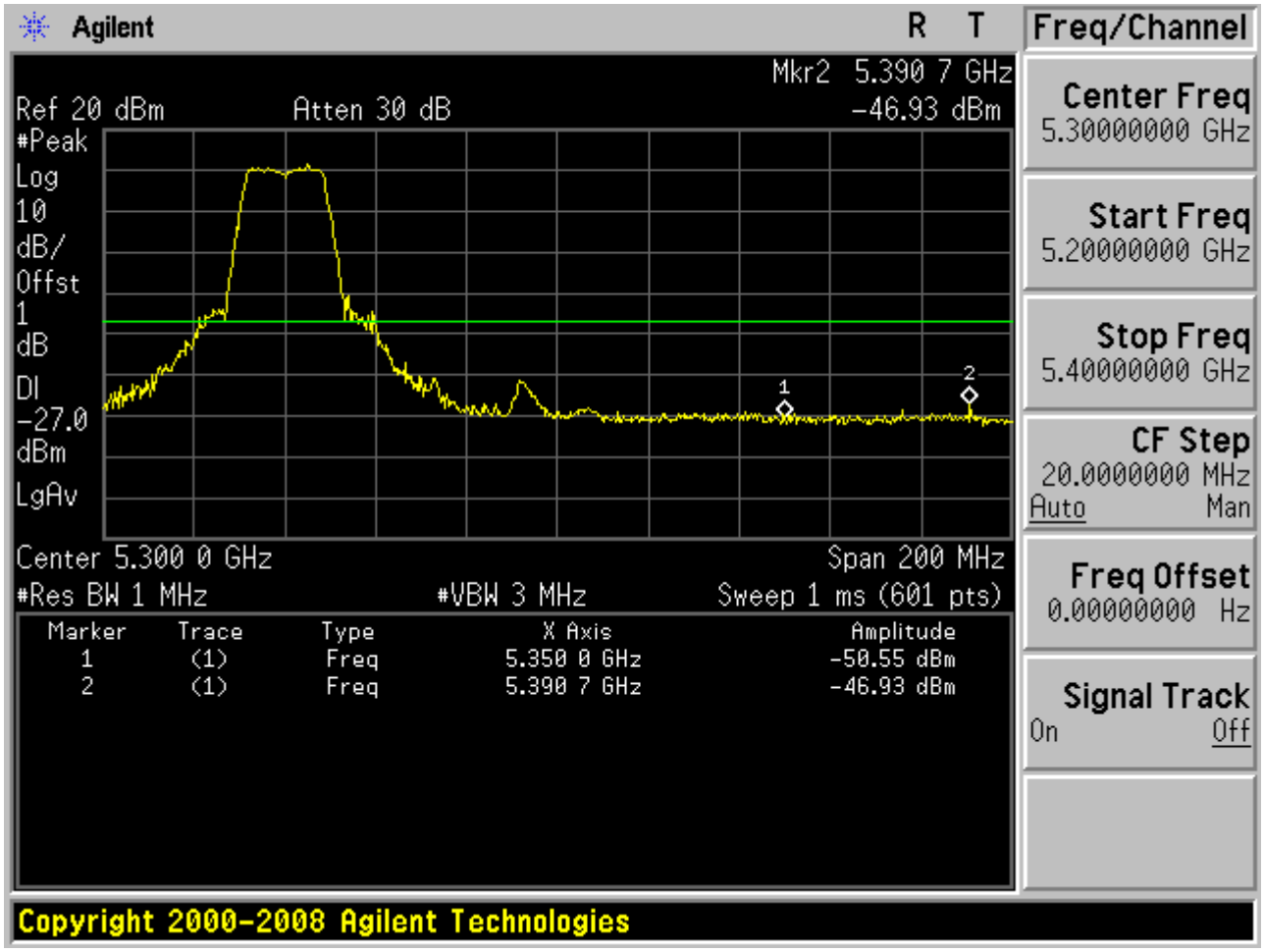
7.6 11A_140



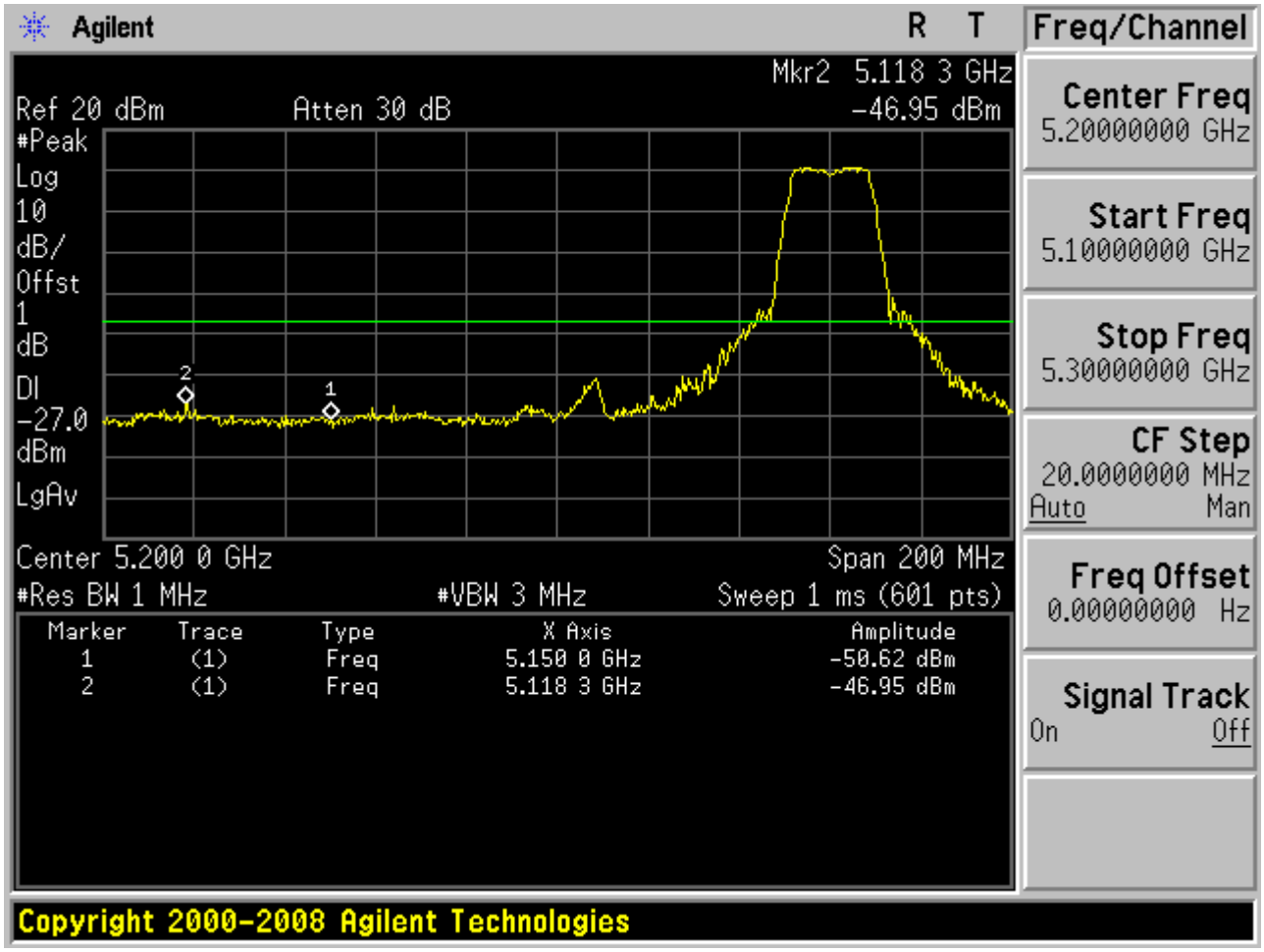
7.7 11N20_36



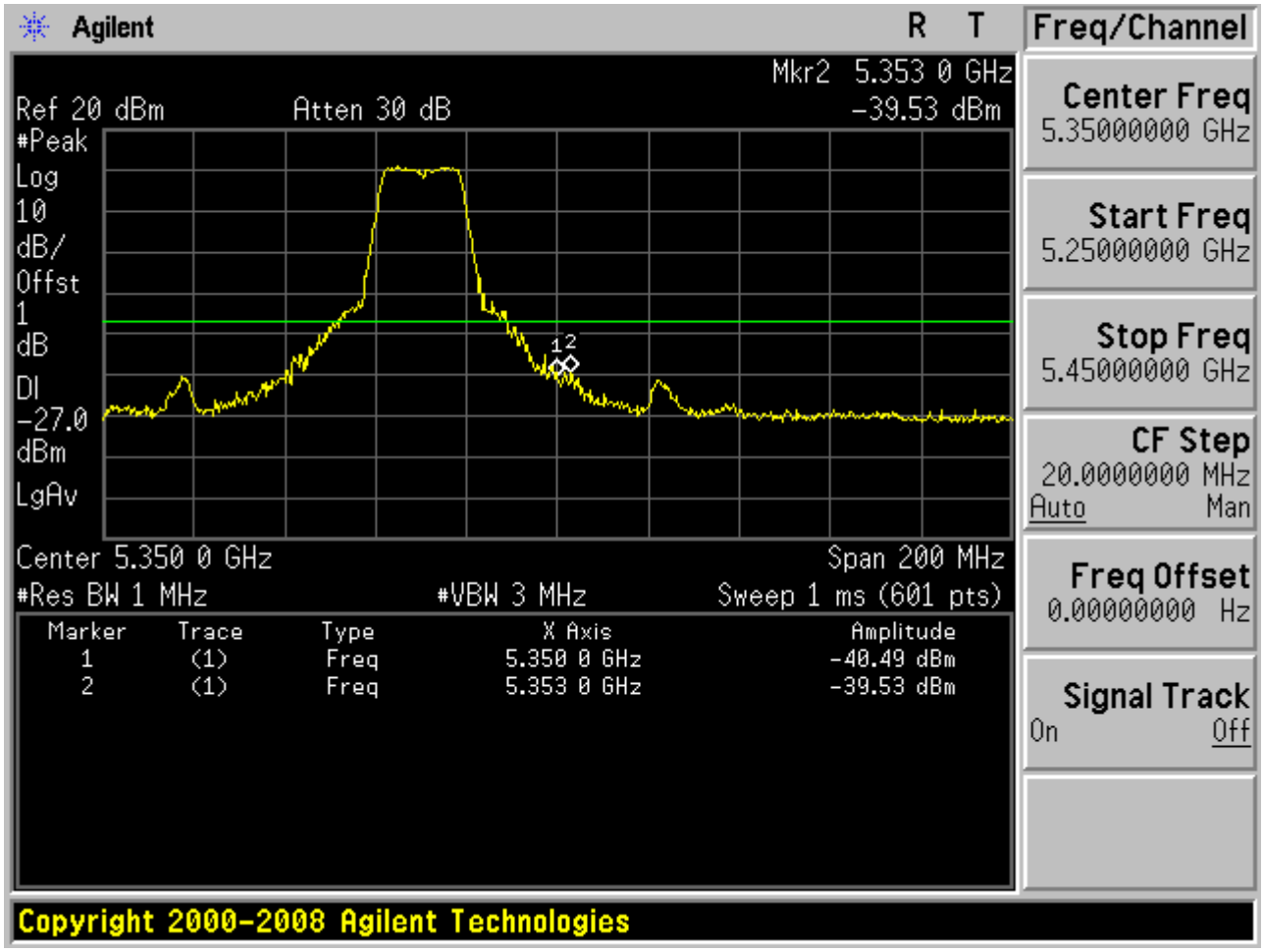
7.8 11N20_48



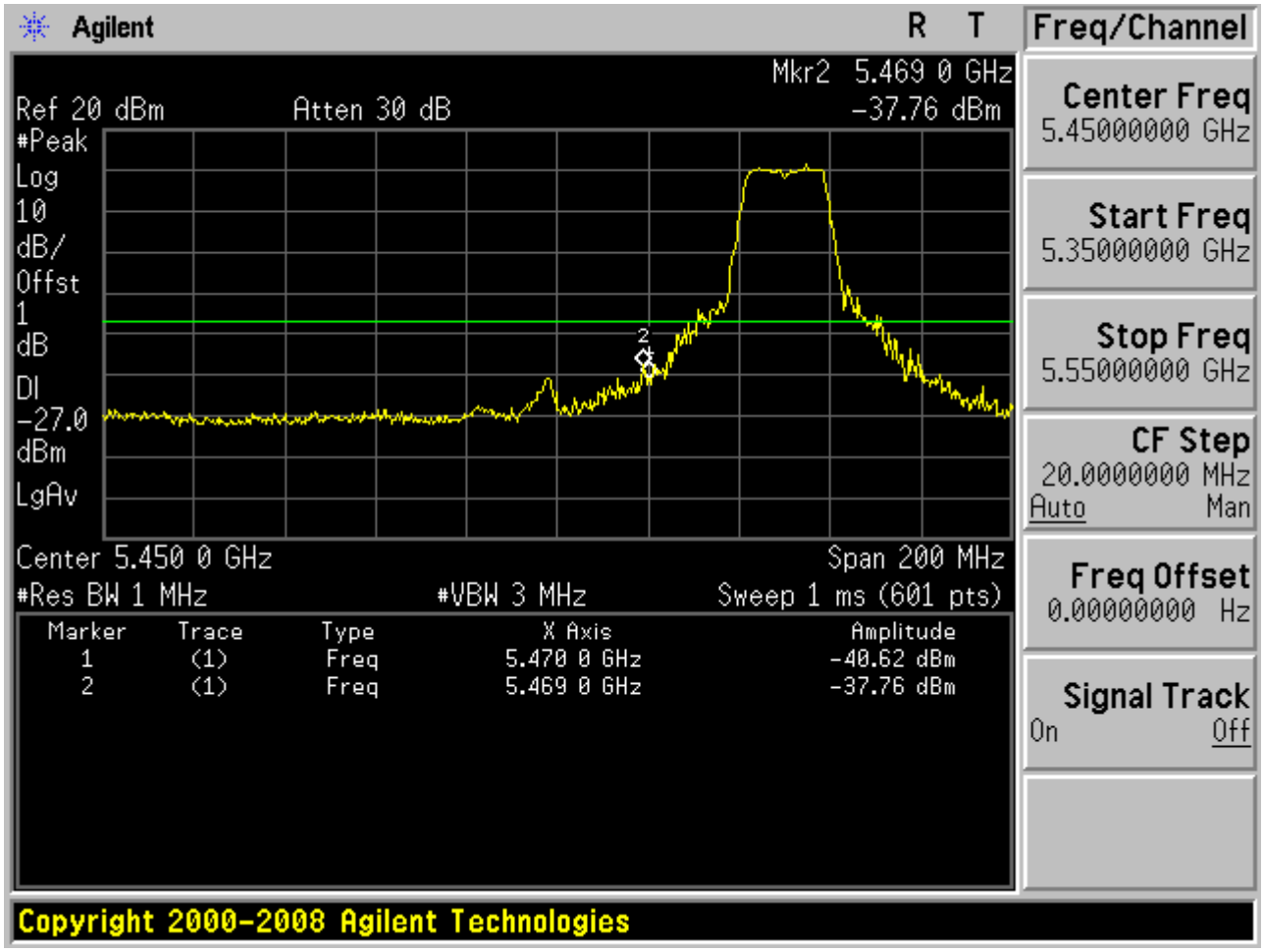
7.9 11N20_52



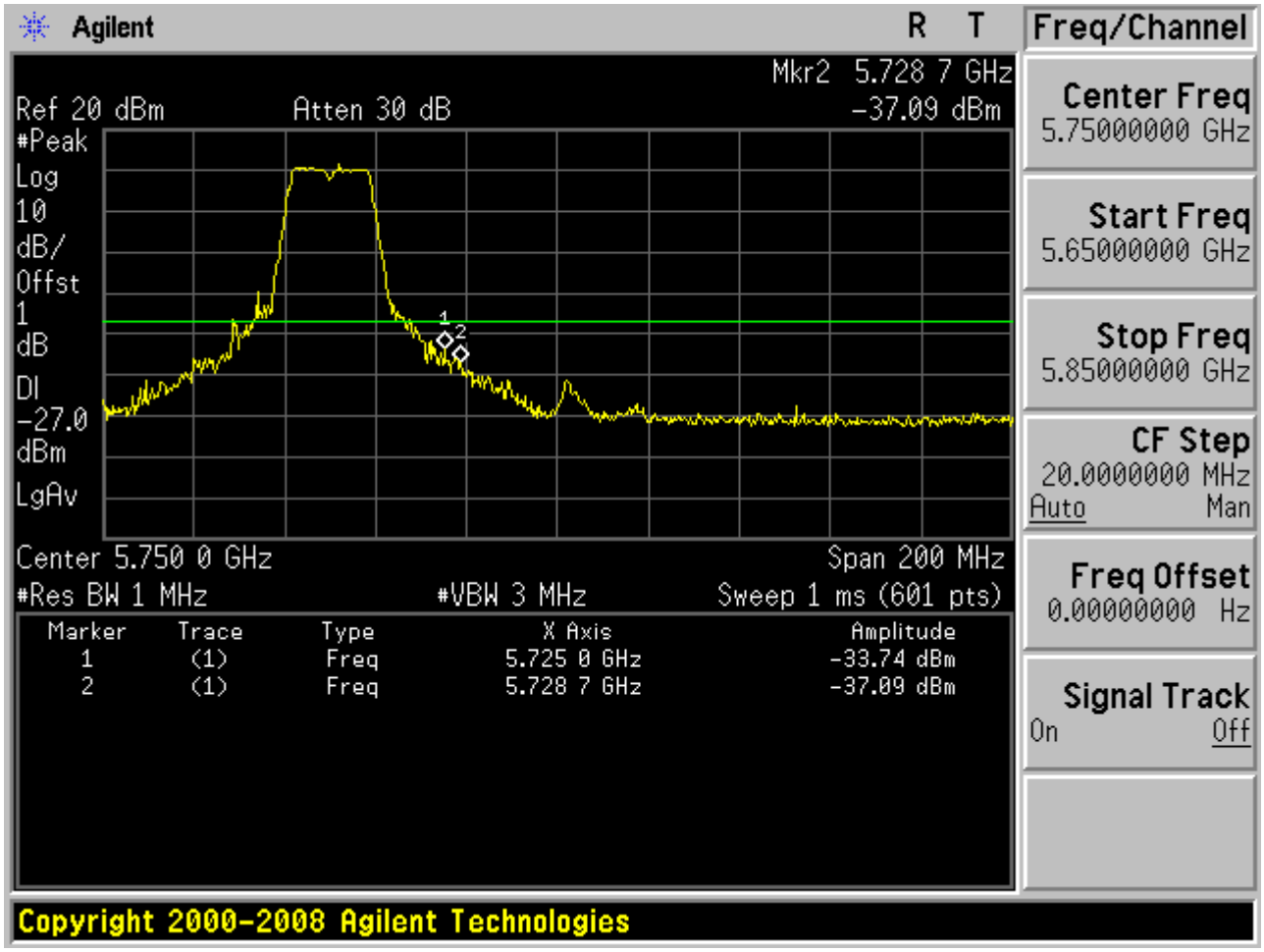
7.1011N20_64



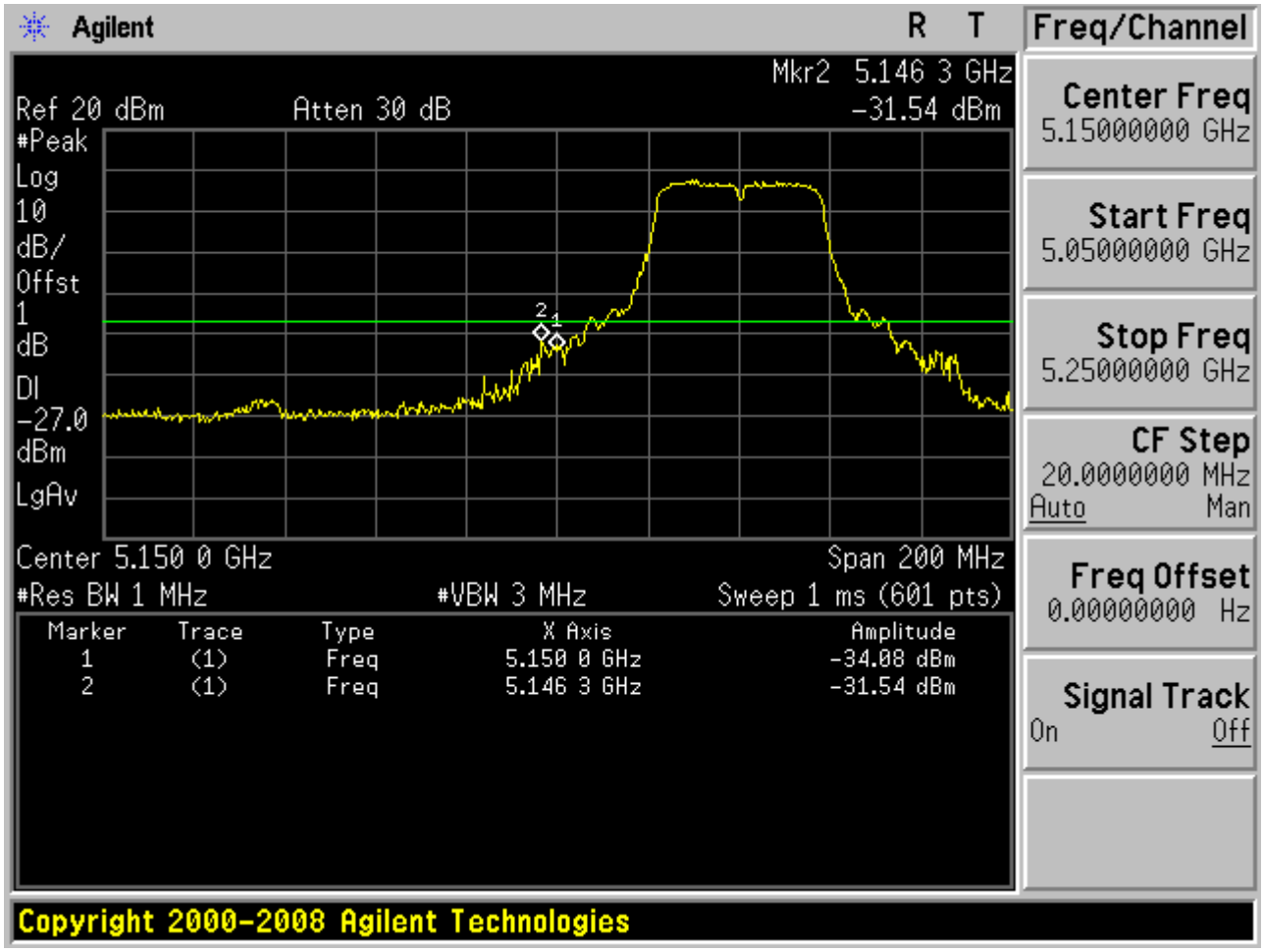
7.1111N20_100



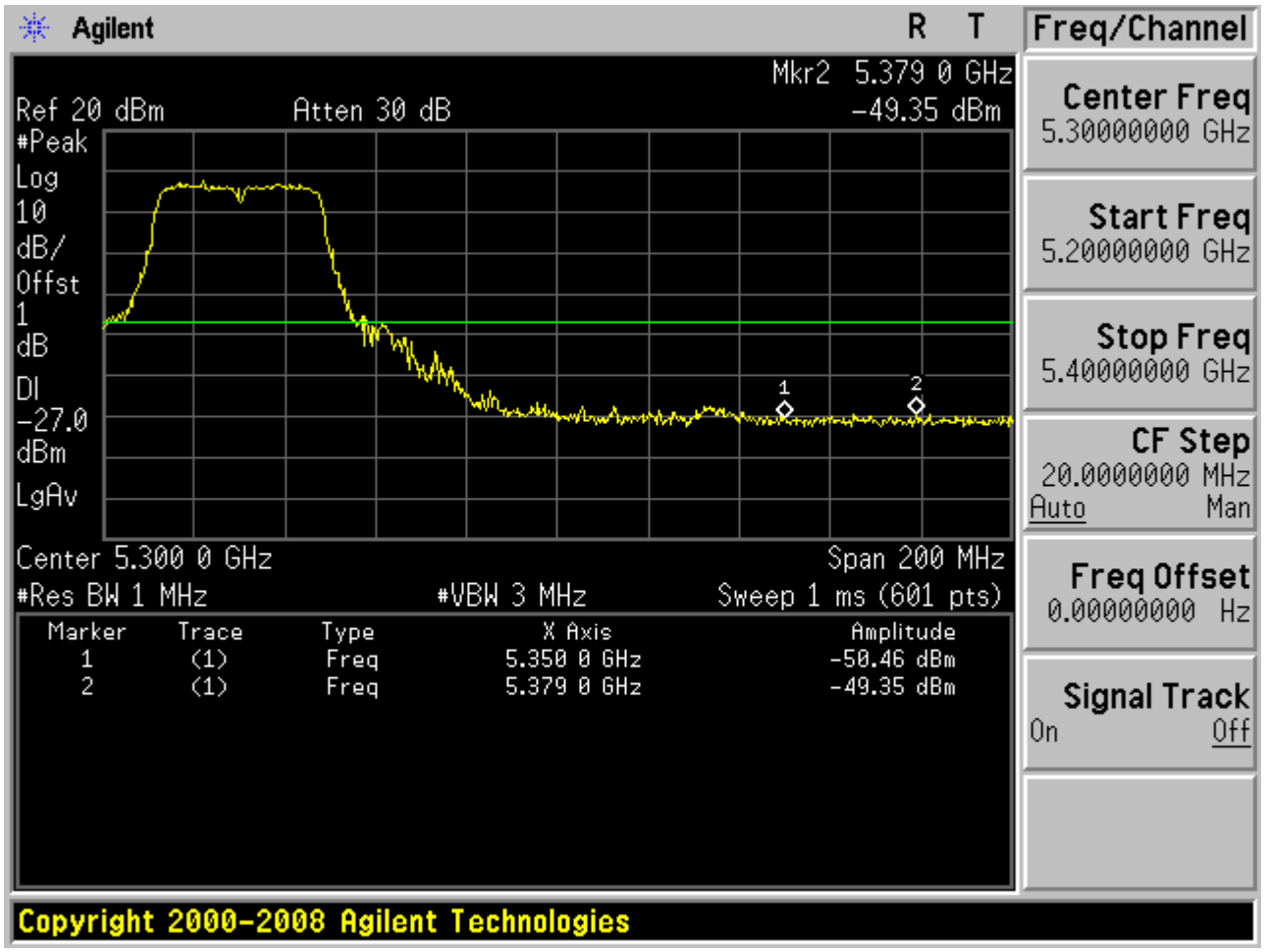
7.1211N20_140



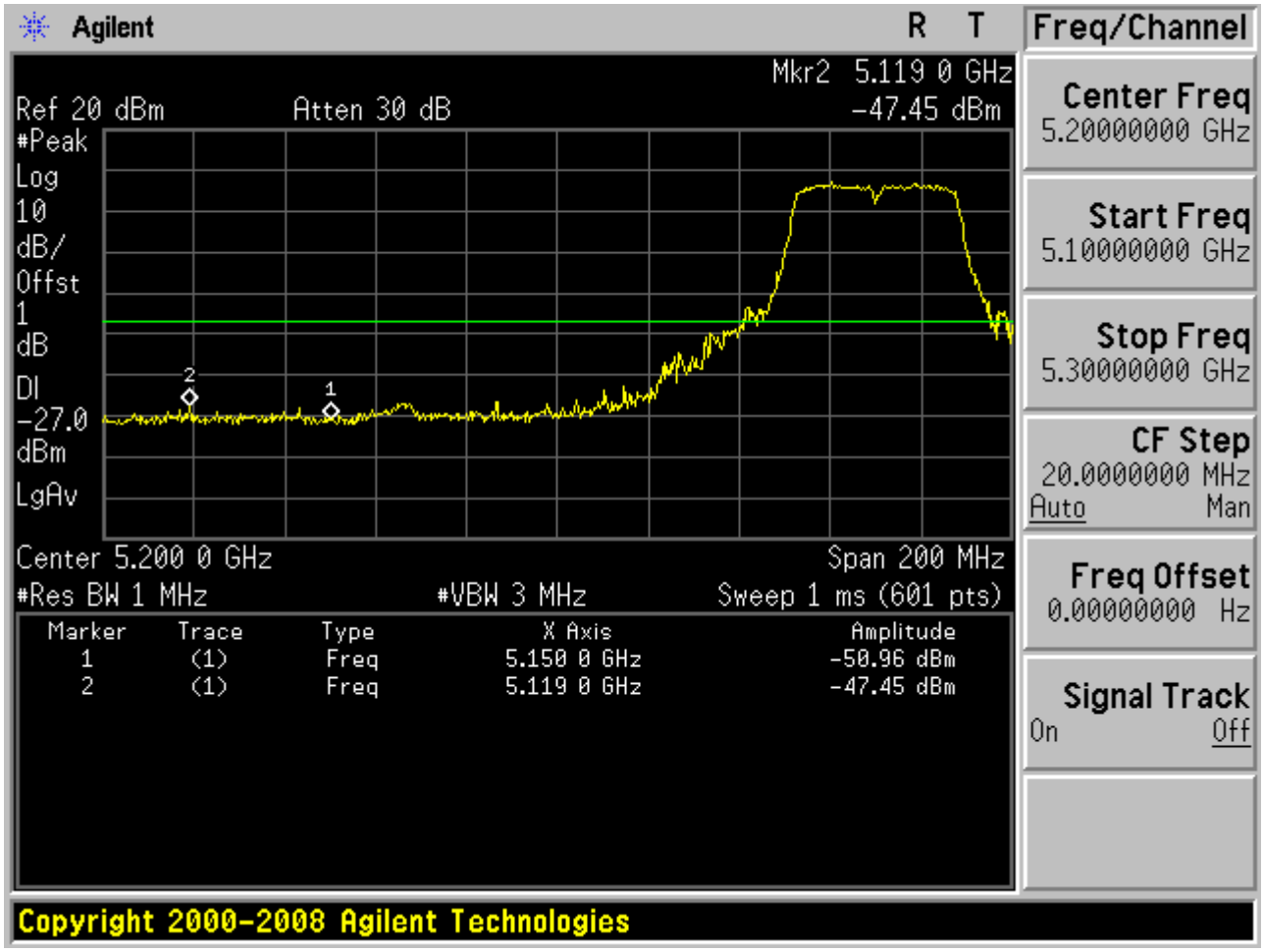
7.1311N40_38



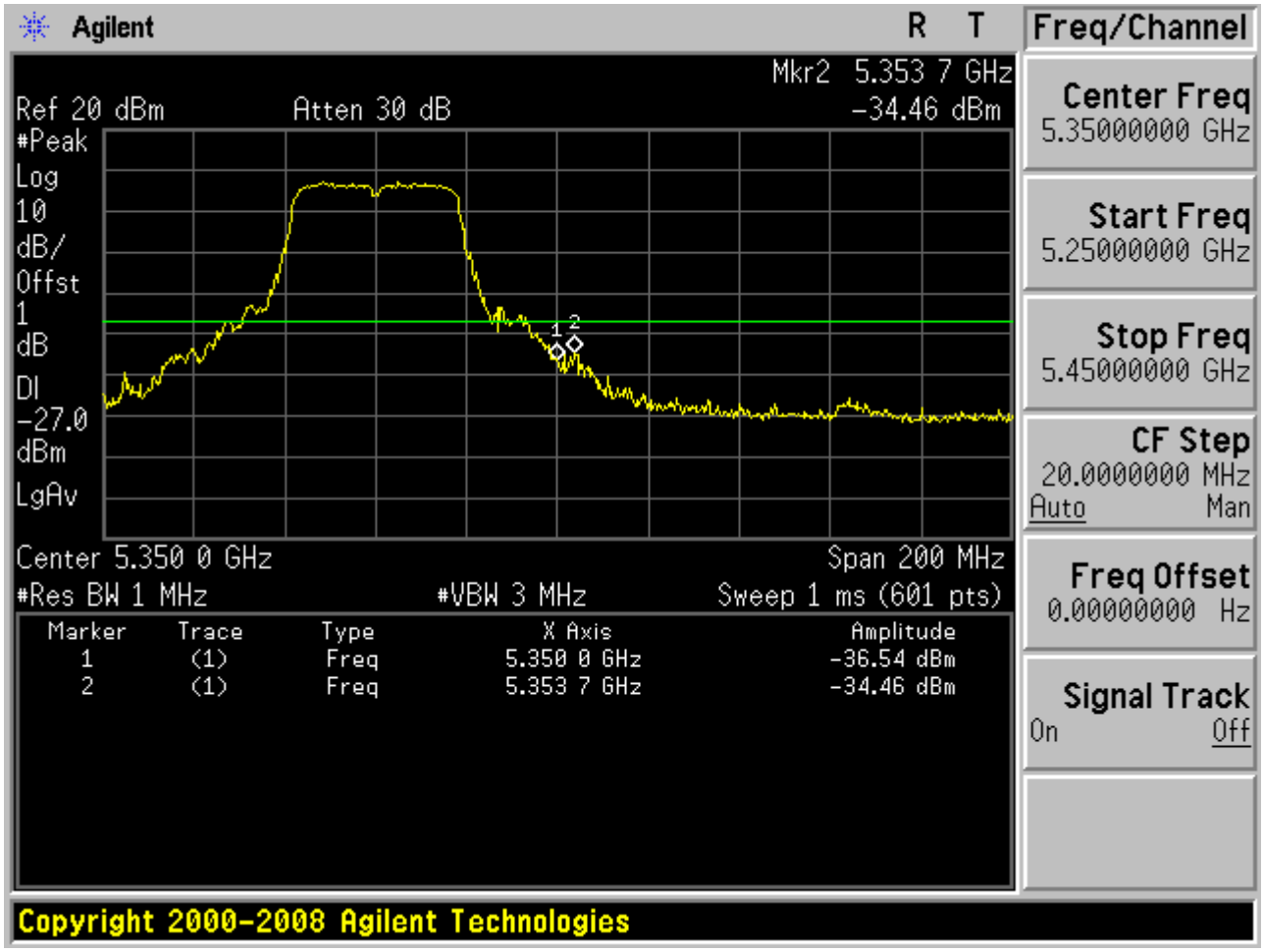
7.1411N40_46



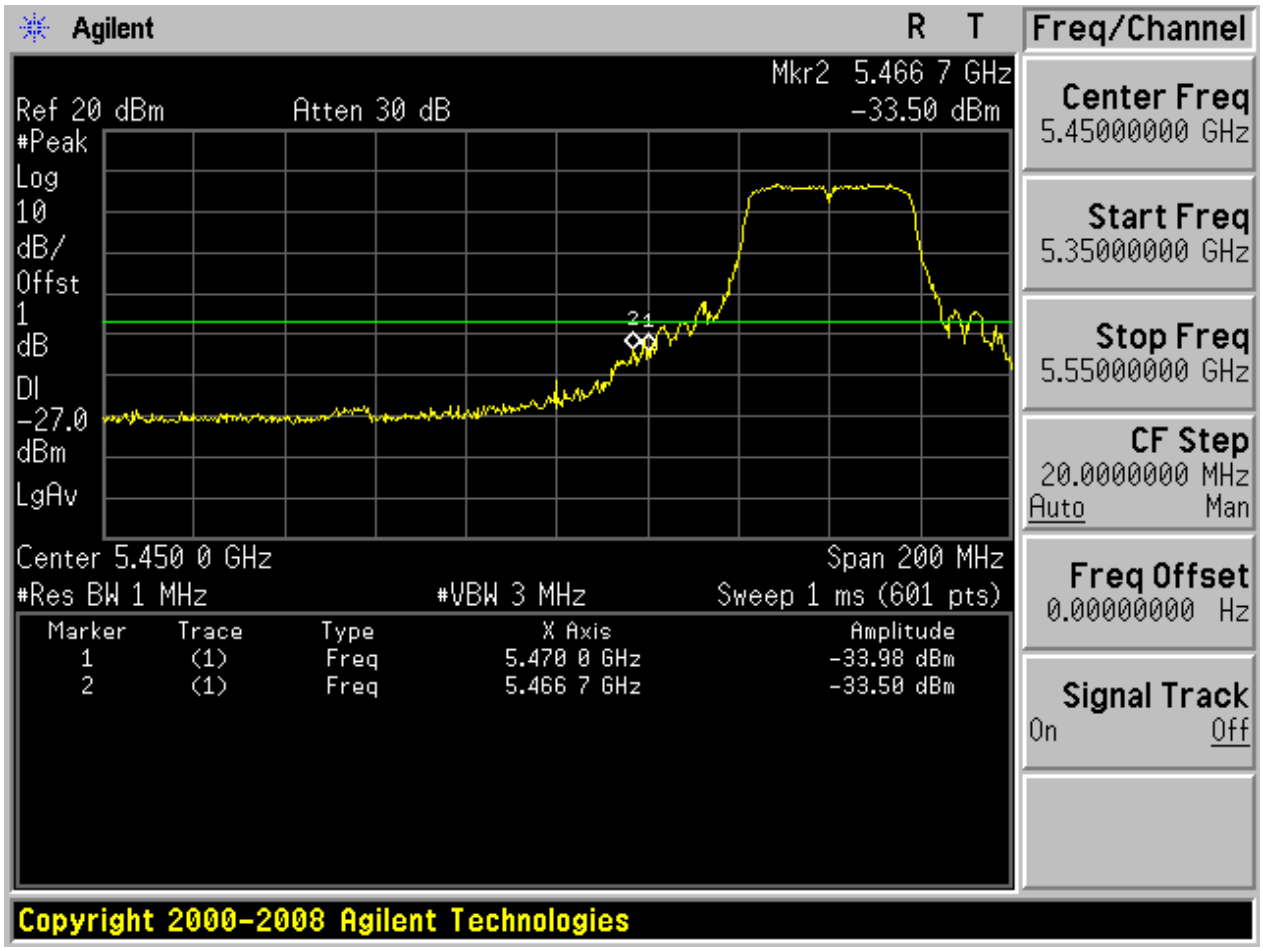
7.1511N40_54



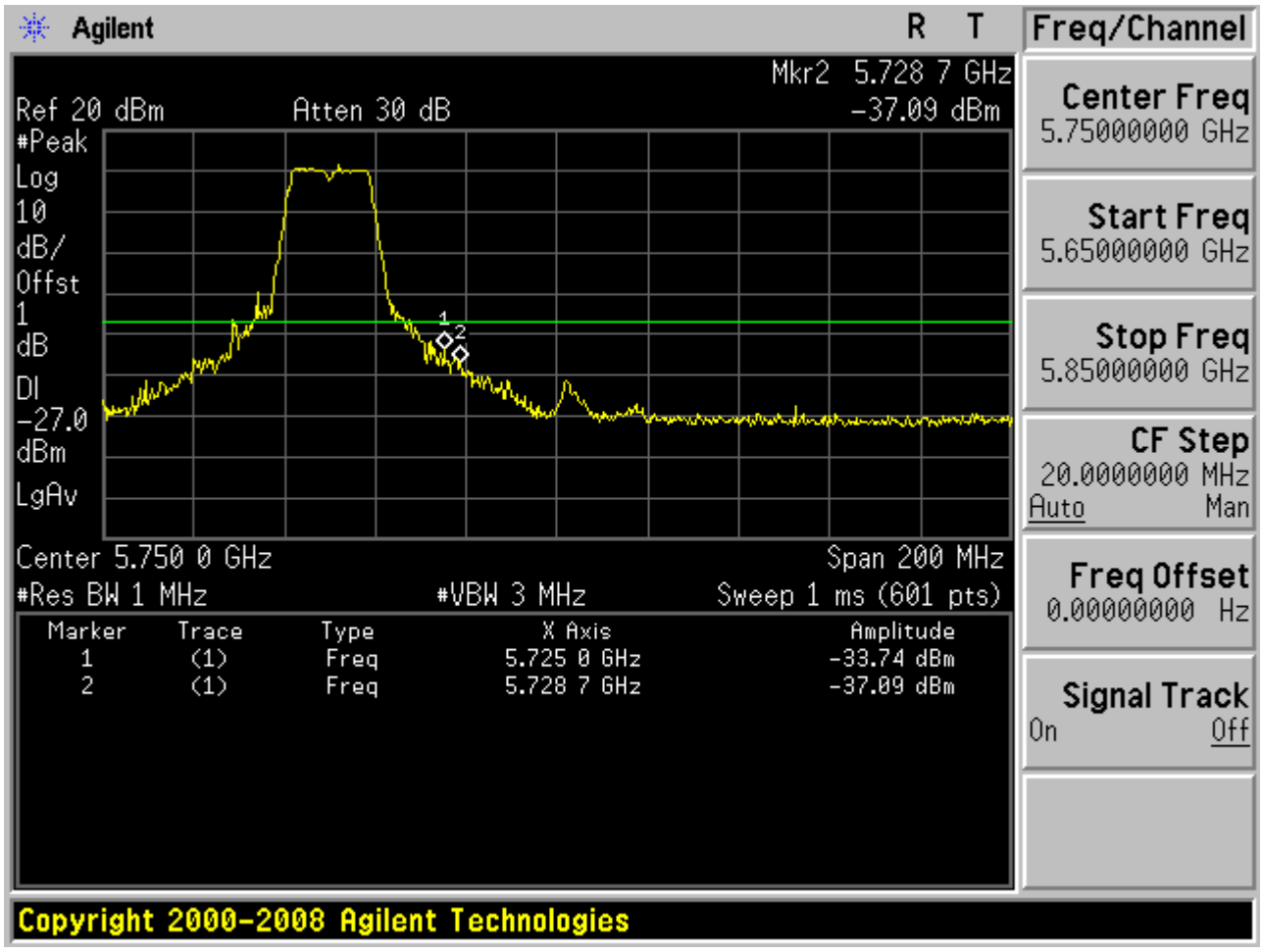
7.1611N40_62



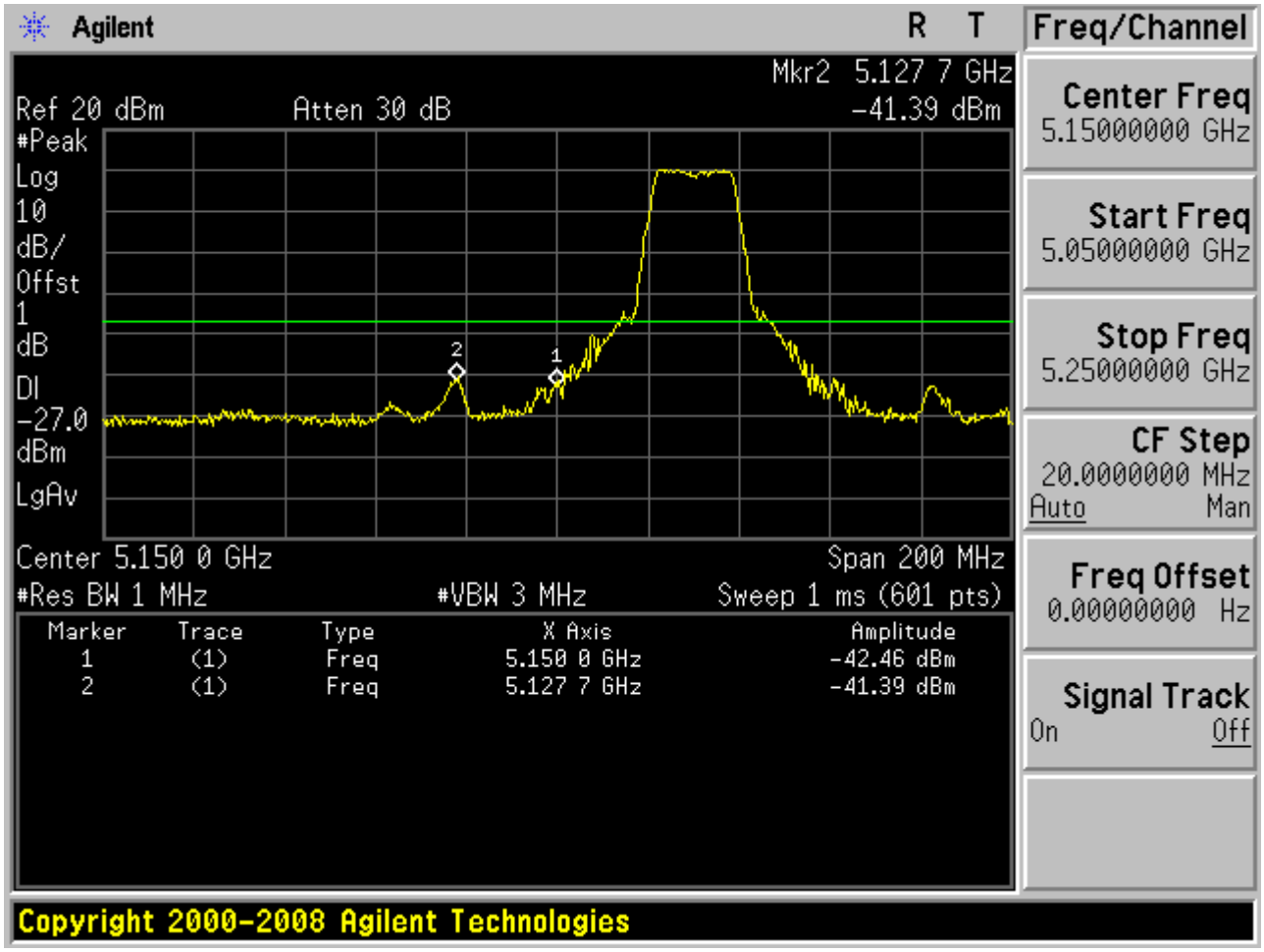
7.1711N40_102



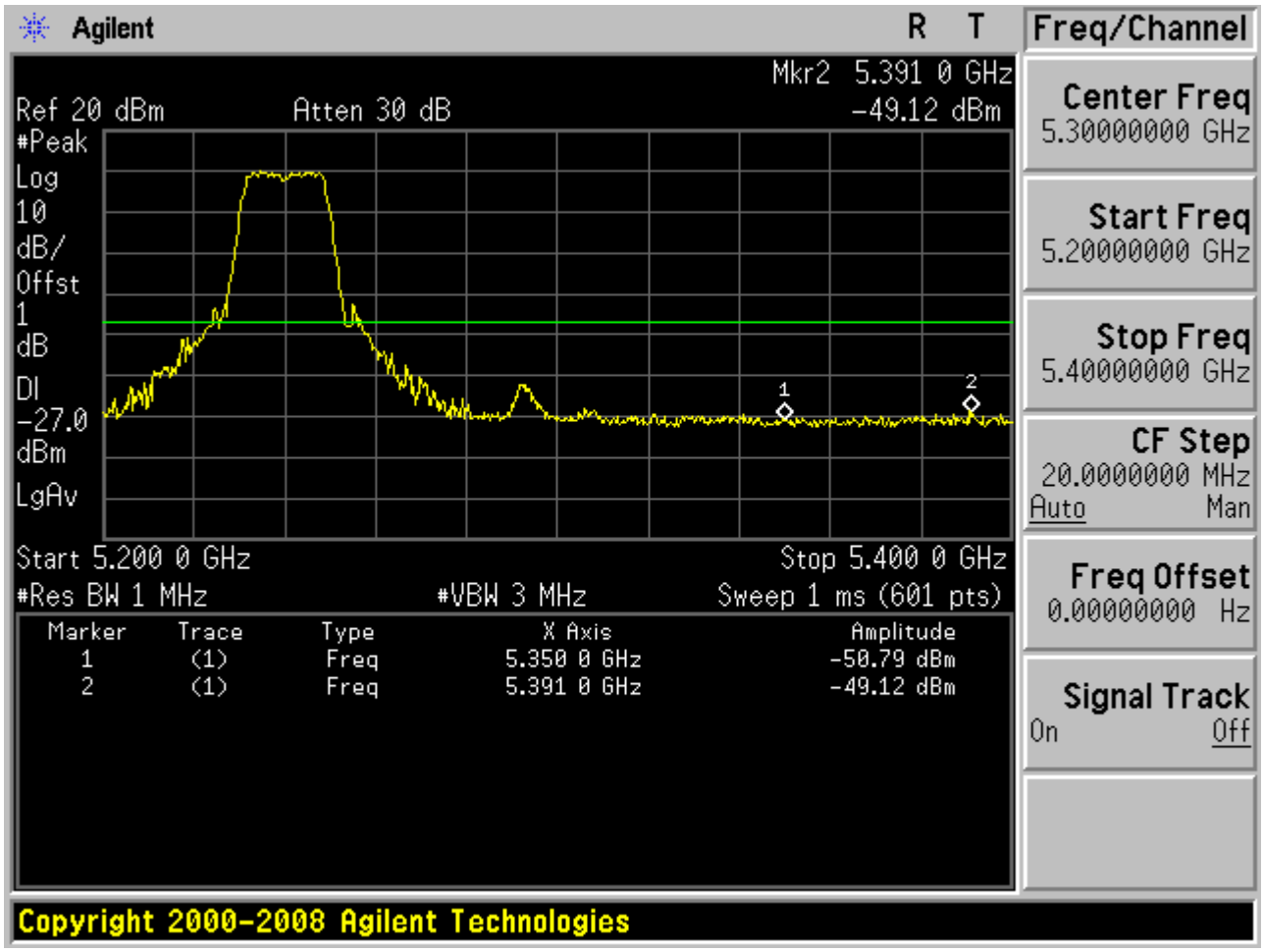
7.1811N40_134



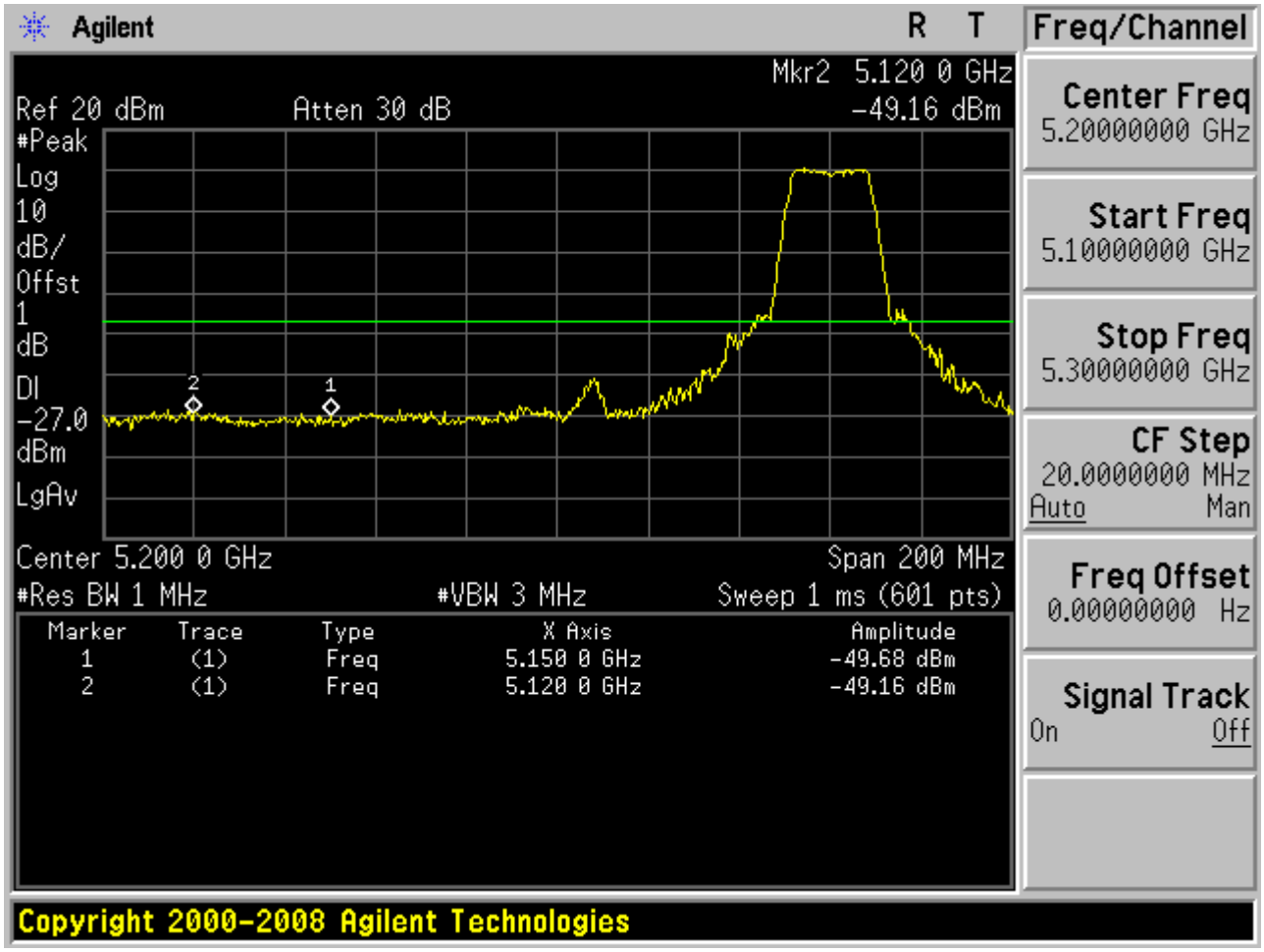
7.1911AC20_36



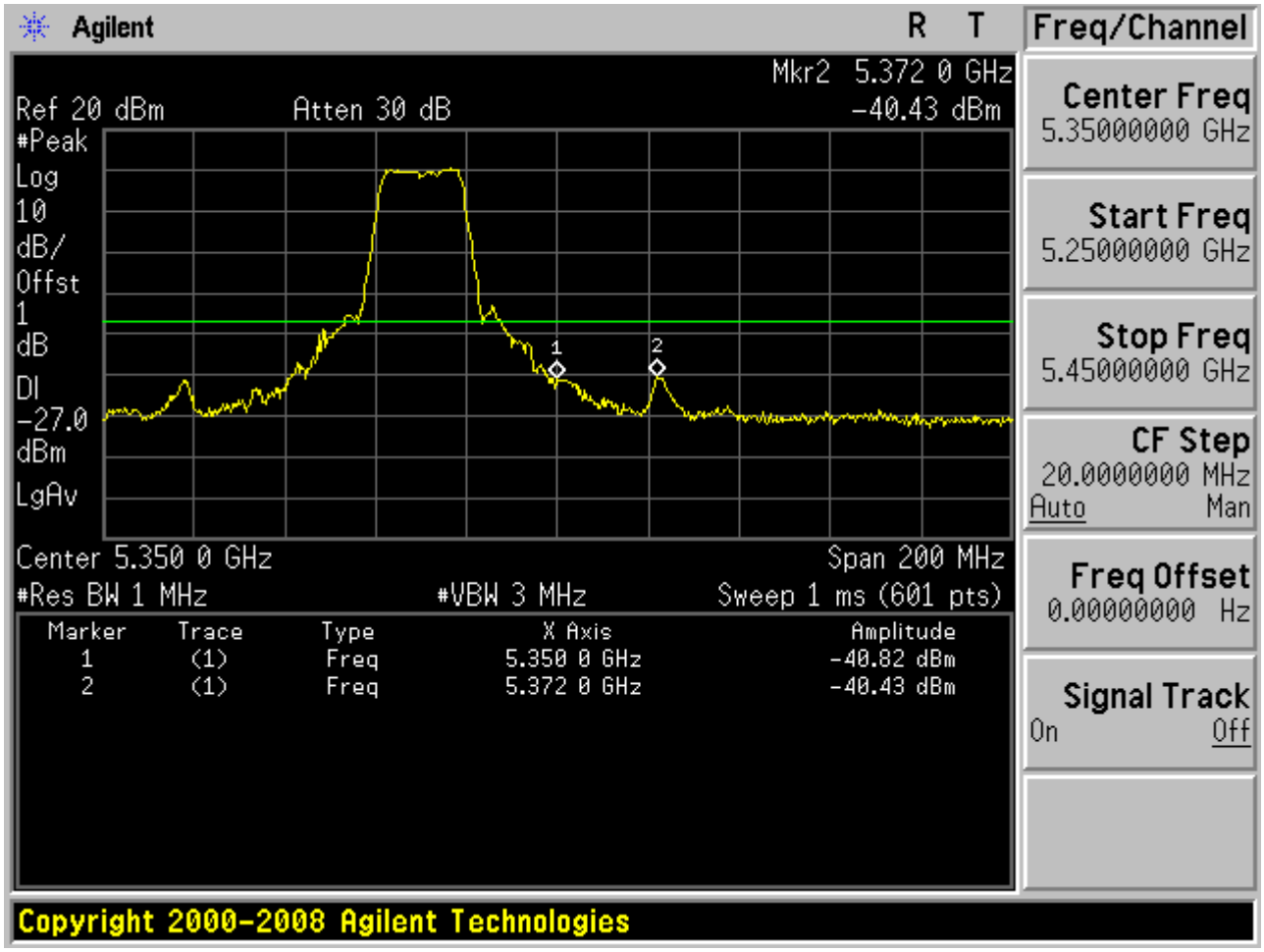
7.2011AC20_48



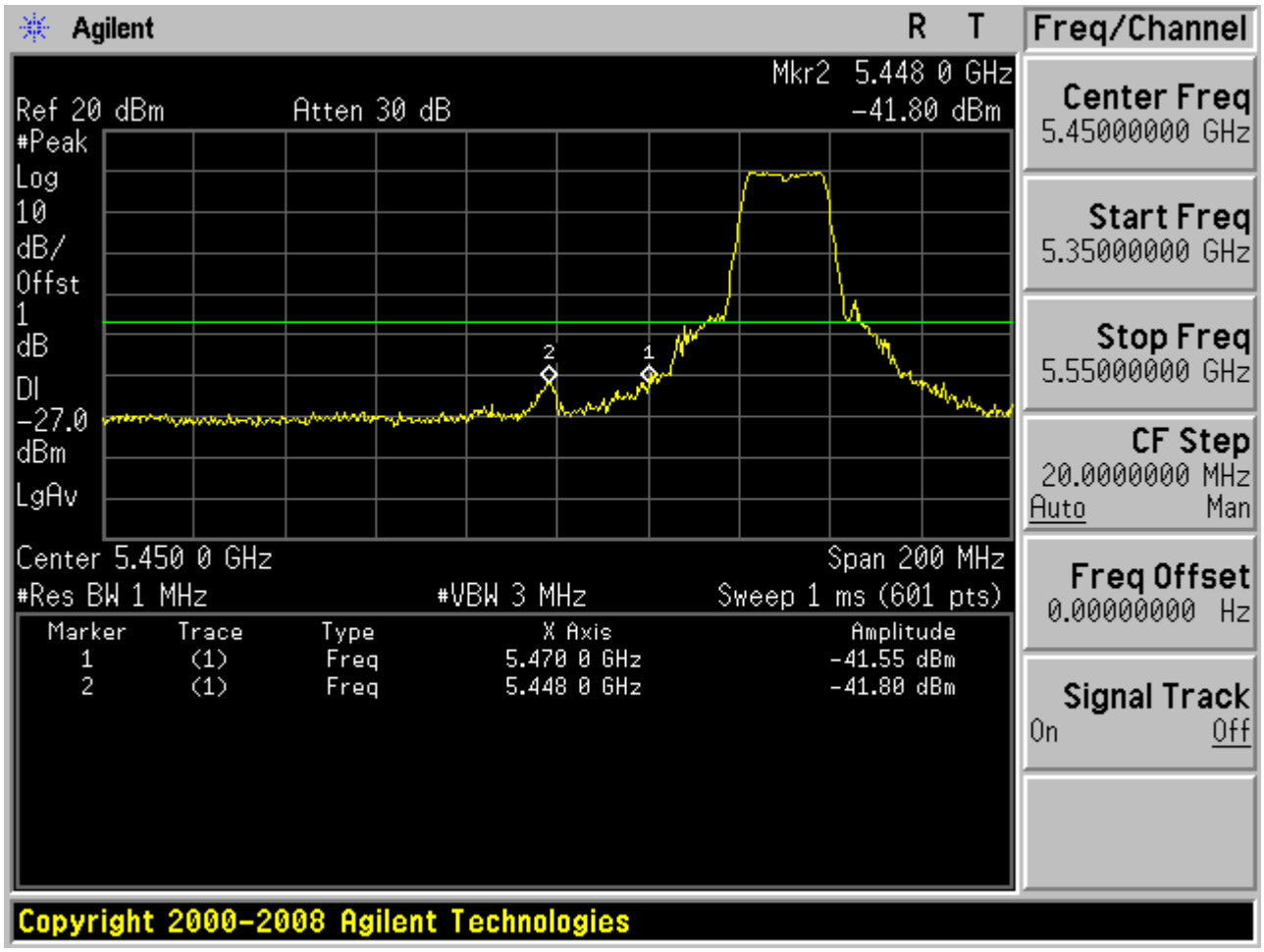
7.2111AC20_52



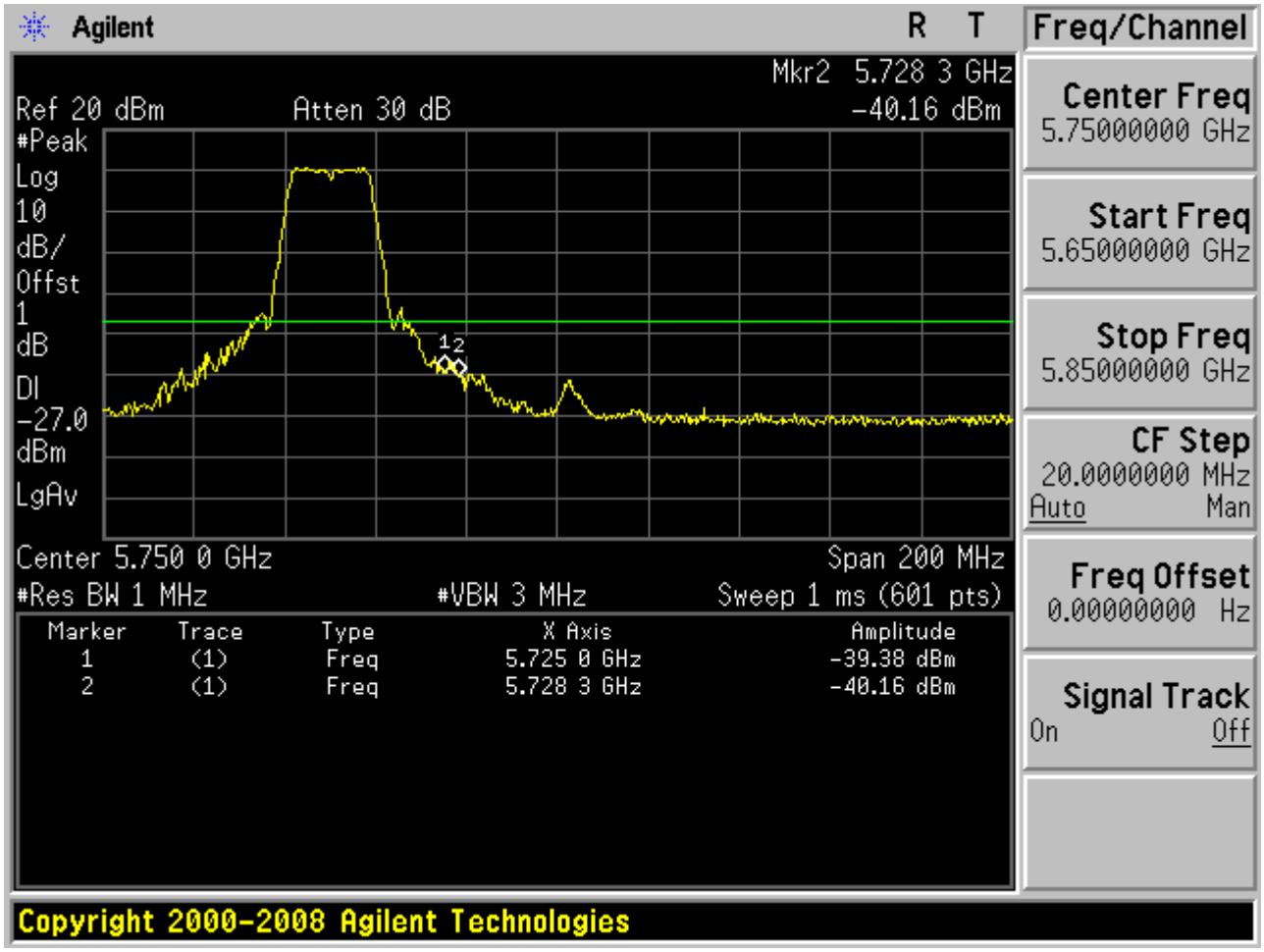
7.2211AC20_64



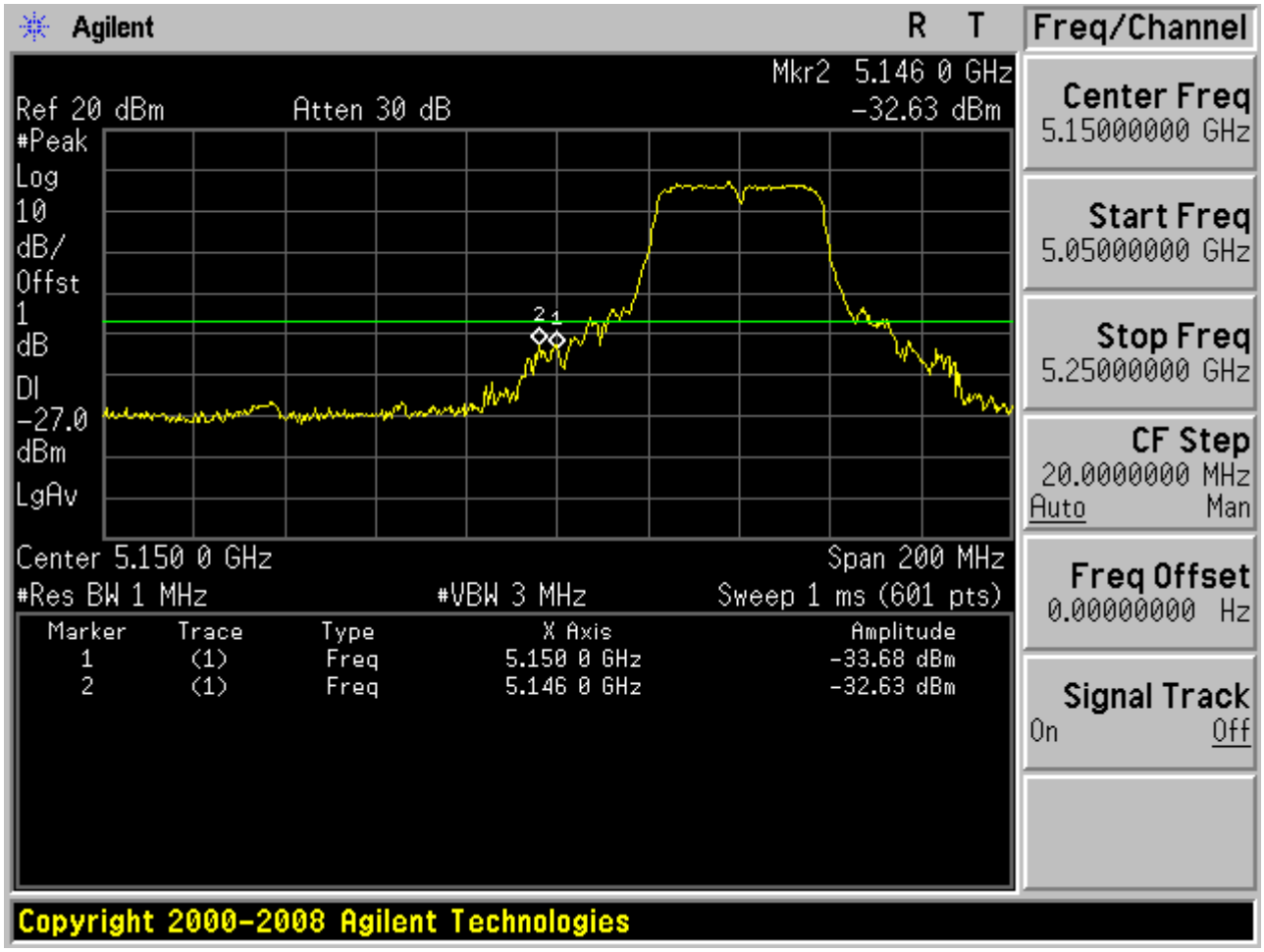
7.2311AC20_100



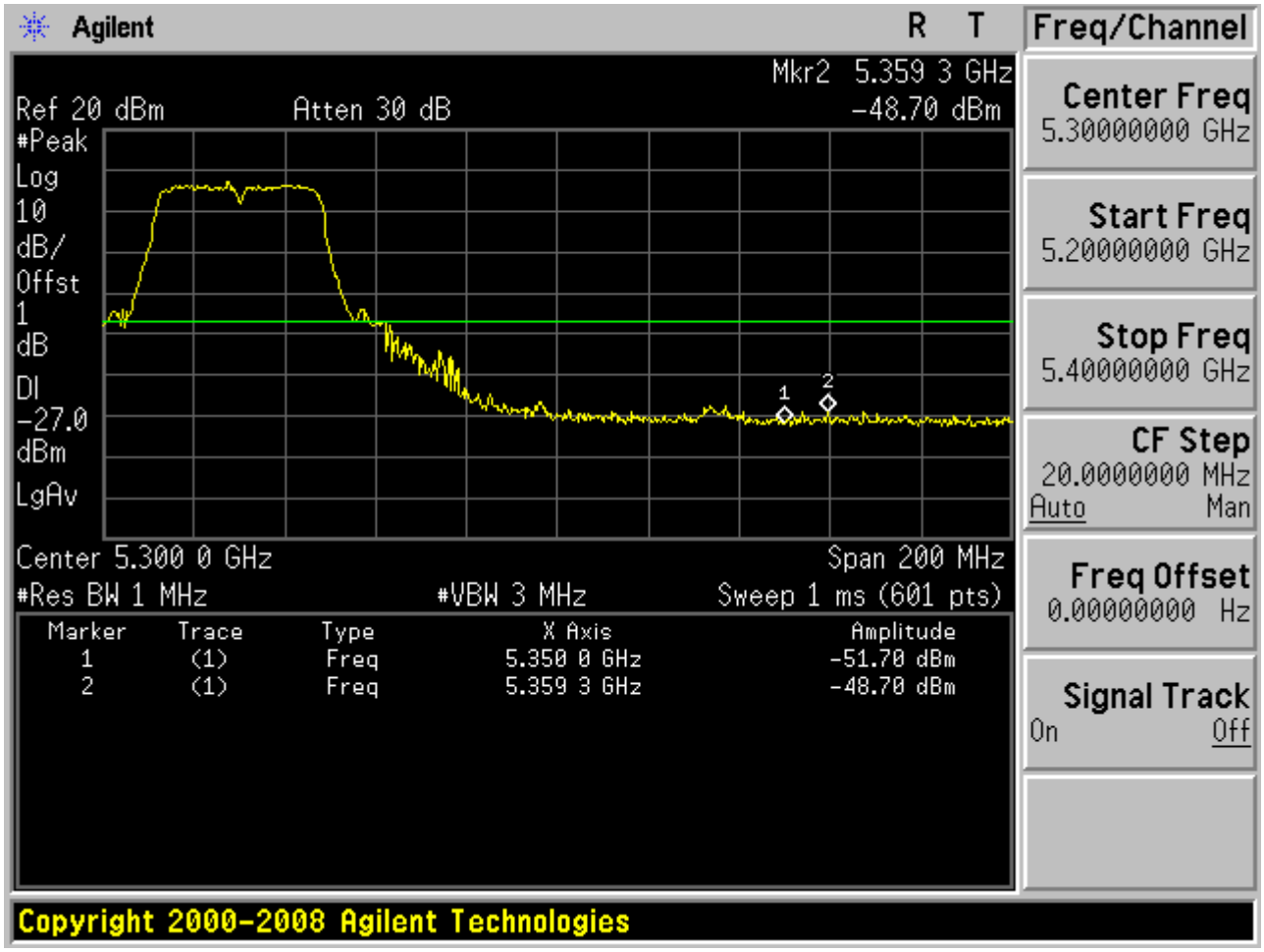
7.2411AC20_140



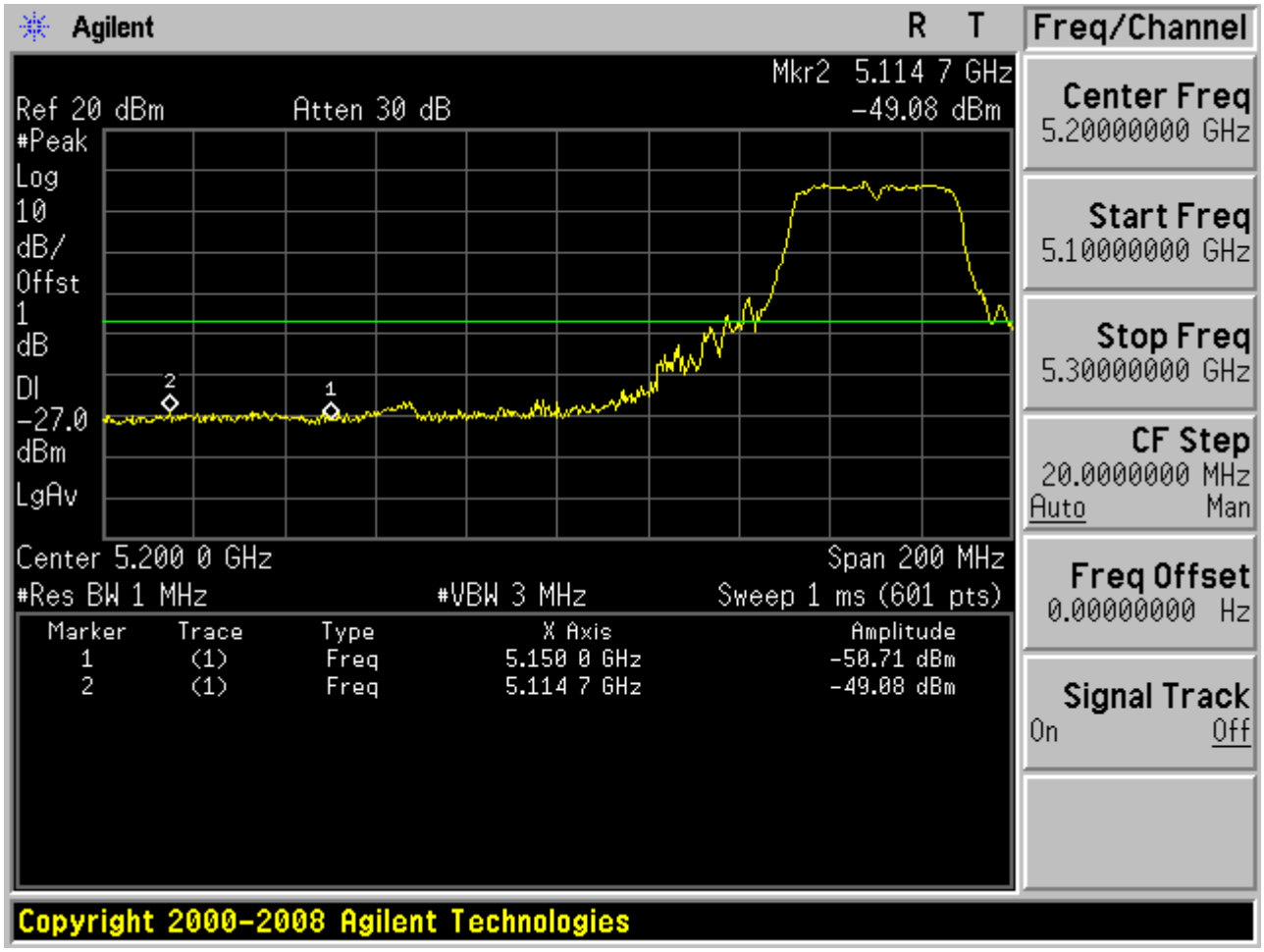
7.2511AC40_38



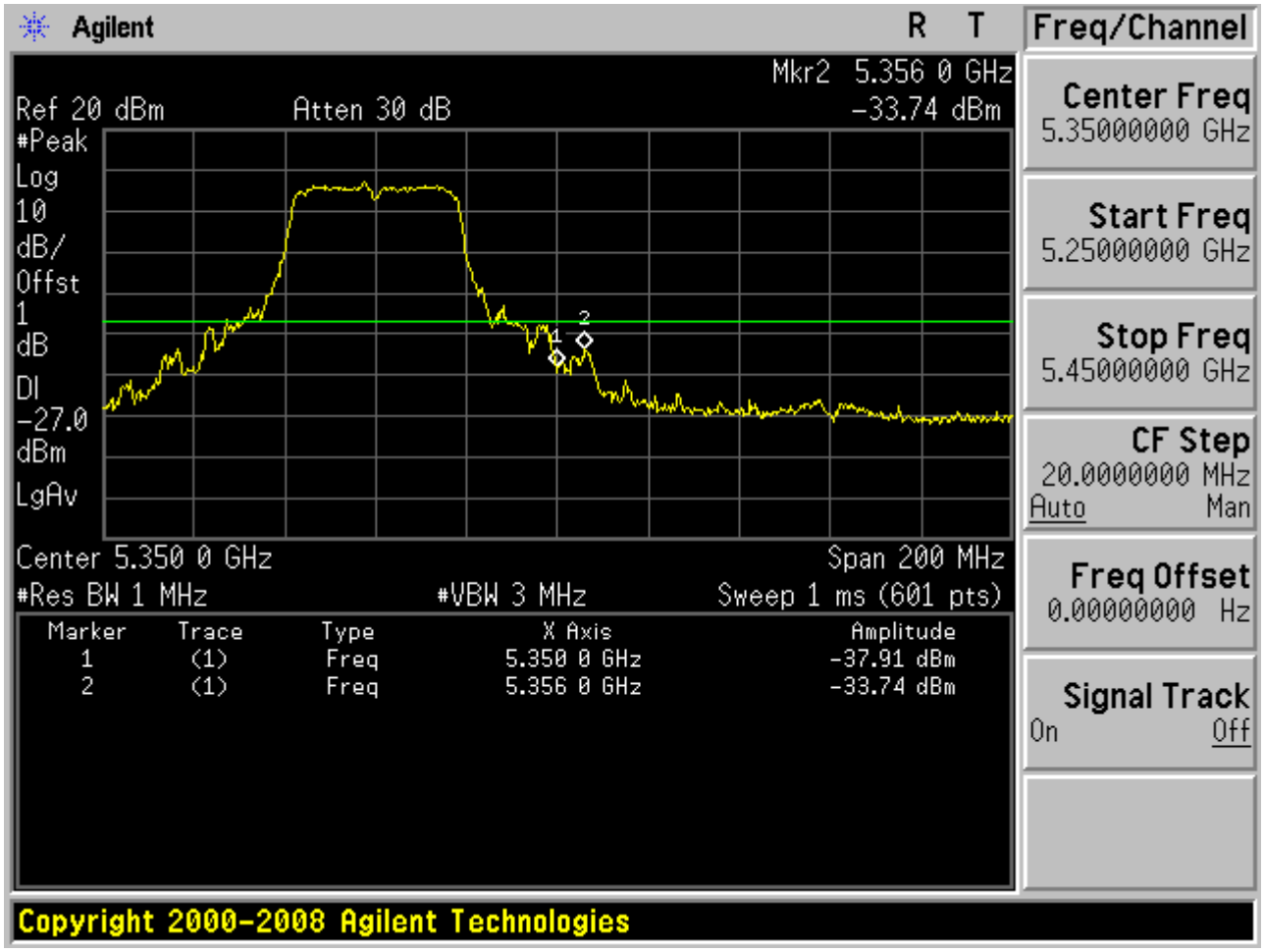
7.2611AC40_46



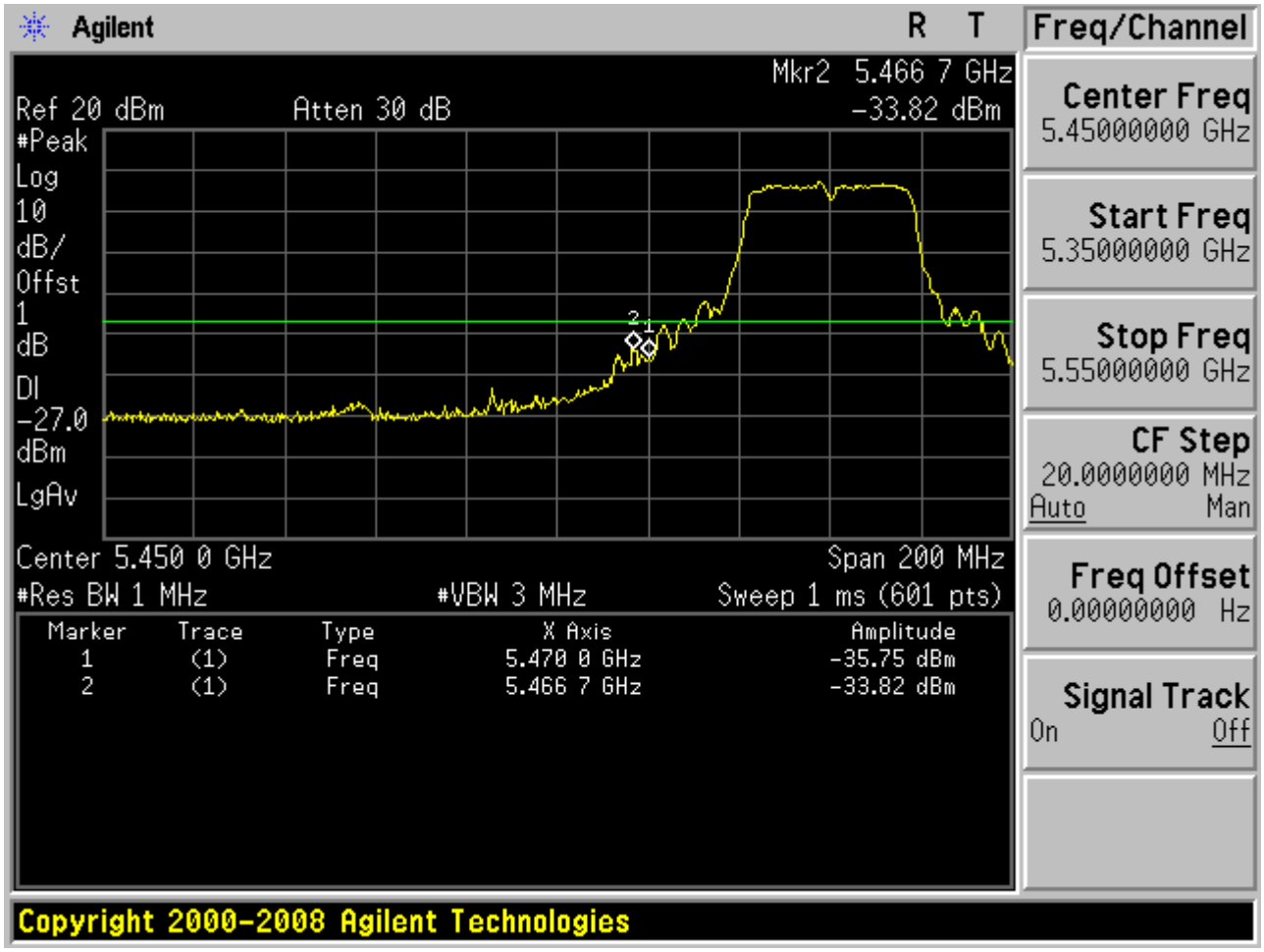
7.2711AC40_54



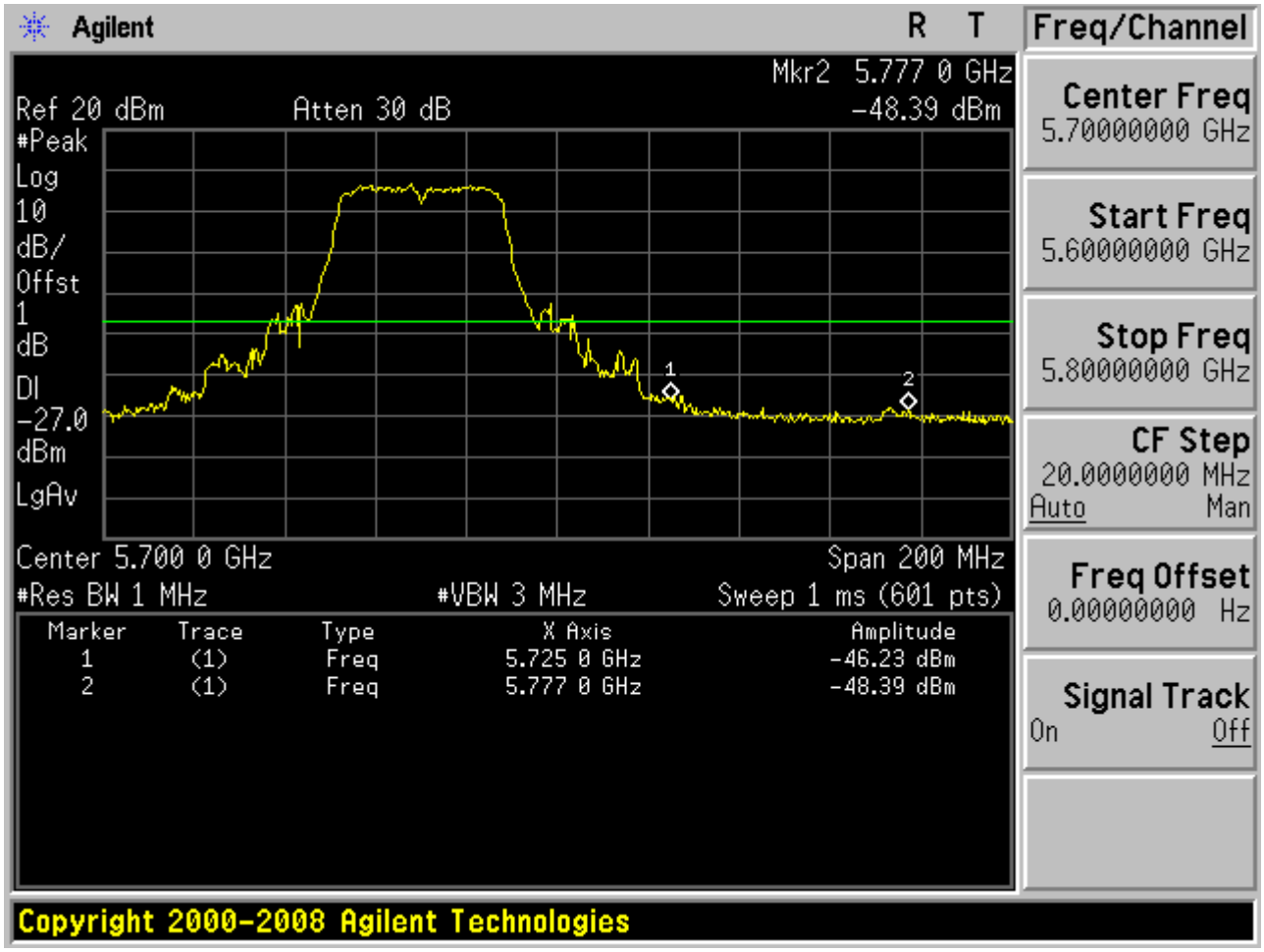
7.2811AC40_62



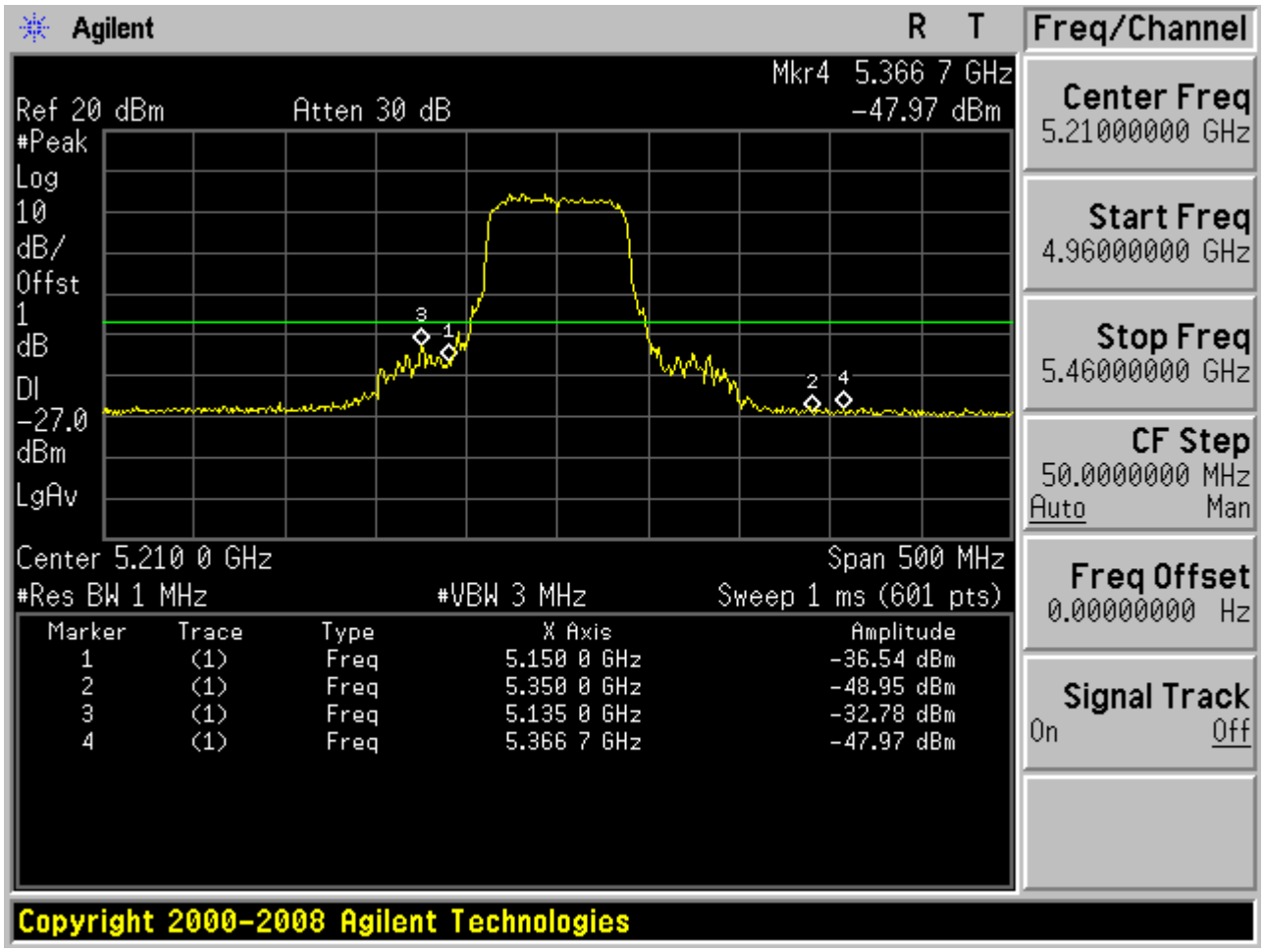
7.2911AC40_102



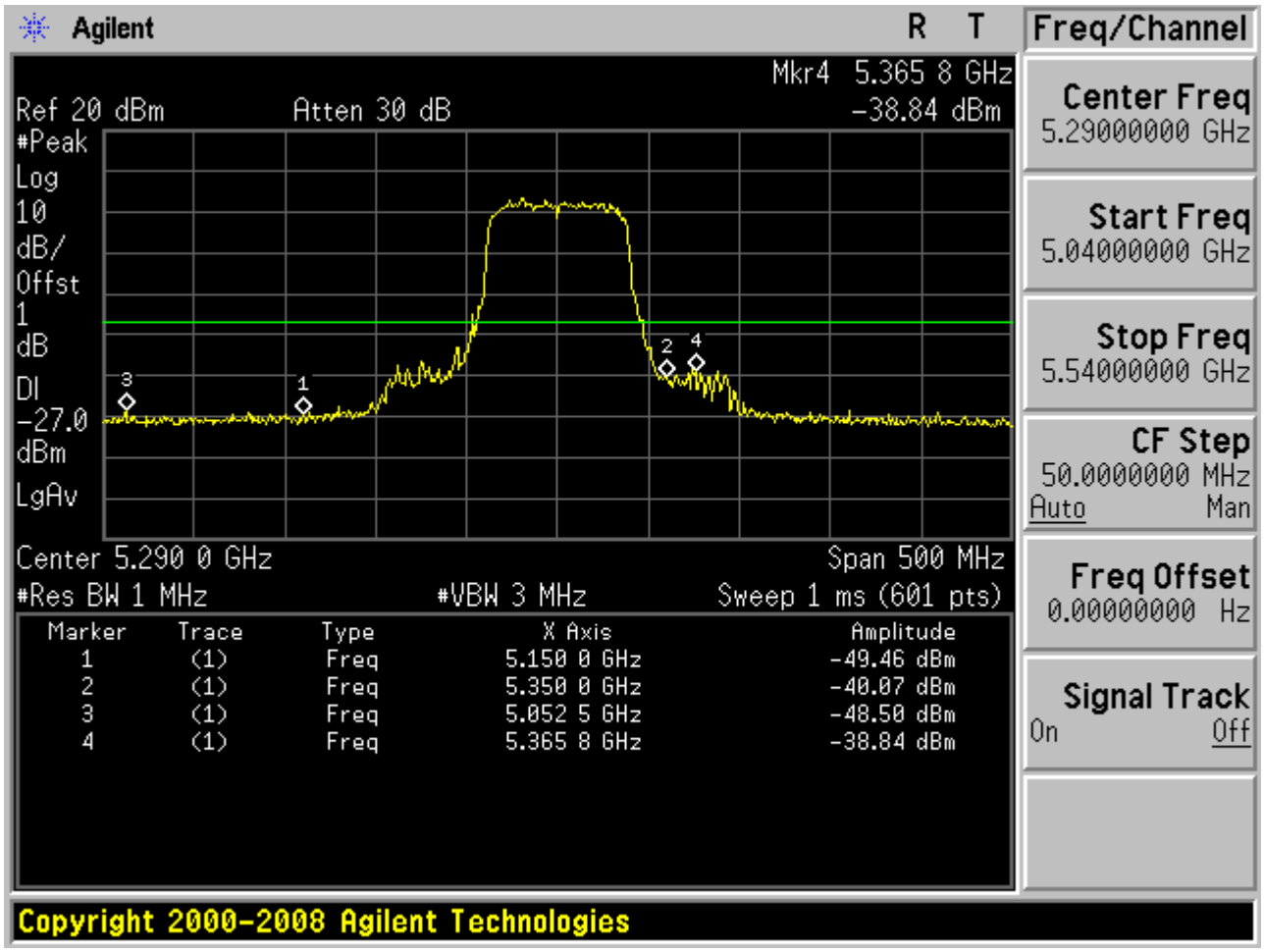
7.3011AC40_134



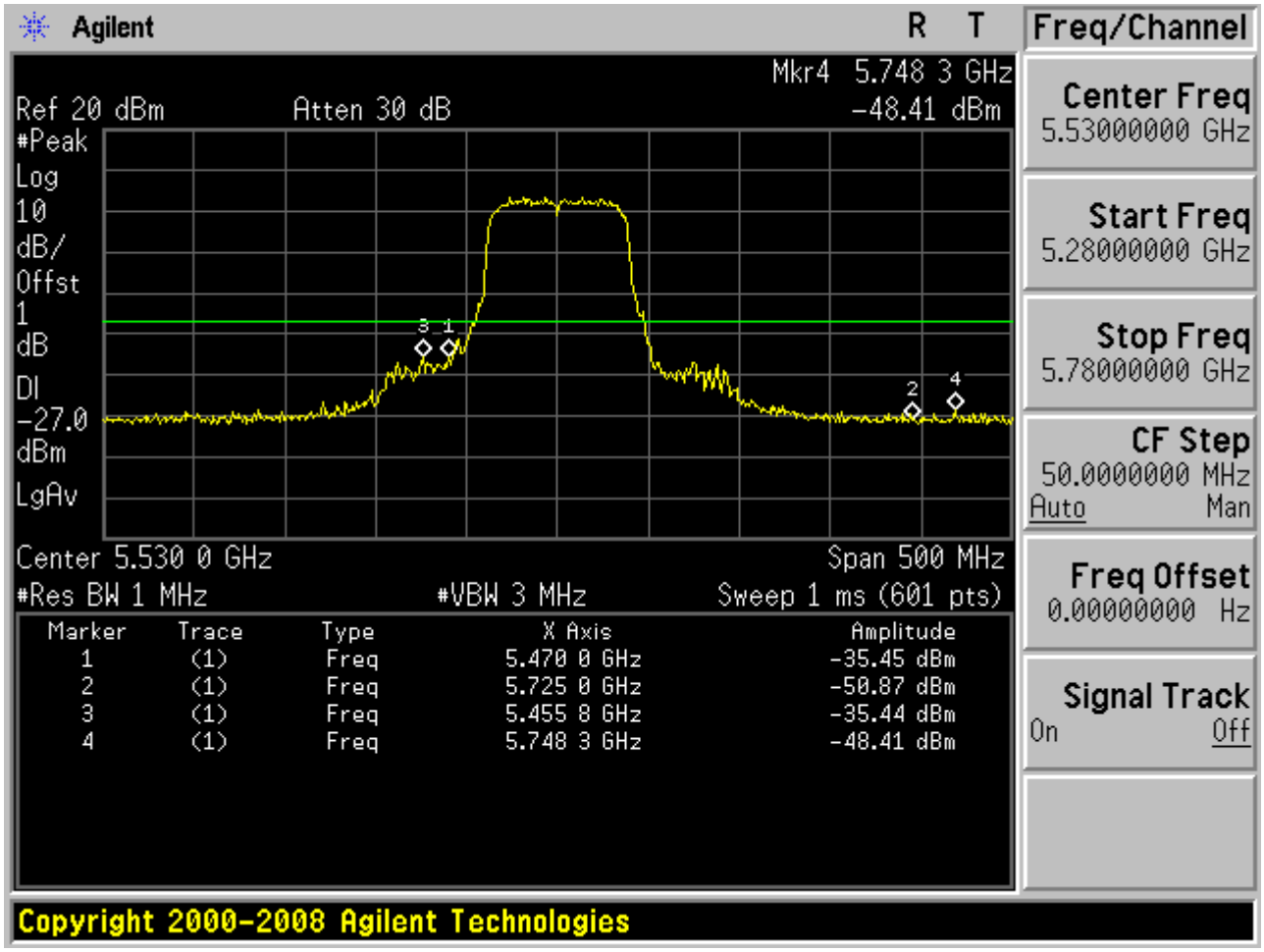
7.3111AC80_42



7.3211AC80_58



7.3311AC80_106



Appendix E: Peak Excursion Ratio

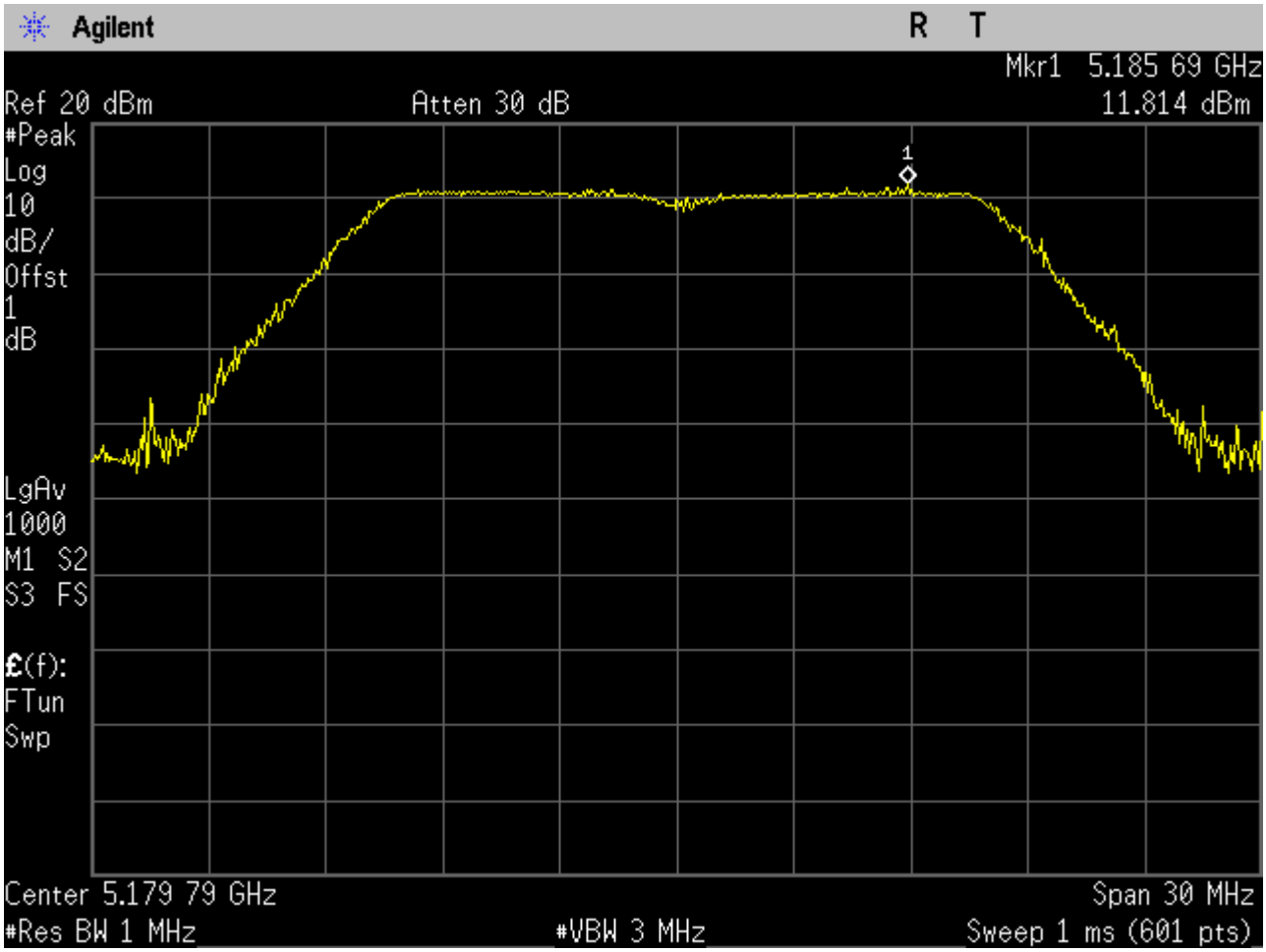
8 Result Table

Test Mode	Test Channel	Frequency[MHz]	PK Level [dBm]	PPSD[dBm]	Peak Excursion Ratio [dB]	Verdict
11A	36	5180	11.81	3.00	8.81	pass
11A	40	5200	12.46	2.77	9.69	pass
11A	48	5240	11.84	3.05	8.79	pass
11A	52	5260	11.98	3.20	8.78	pass
11A	56	5280	11.95	3.31	8.64	pass
11A	64	5320	11.87	3.18	8.69	pass
11A	100	5500	11.94	2.97	8.97	pass
11A	116	5580	11.63	2.52	9.11	pass
11A	140	5700	13.08	3.80	9.29	pass
11N20	36	5180	11.76	2.89	8.87	pass
11N20	40	5200	11.81	2.78	9.03	pass
11N20	48	5240	11.94	2.89	9.05	pass
11N20	52	5260	12.38	2.71	9.67	pass
11N20	56	5280	11.69	2.99	8.70	pass
11N20	64	5320	11.70	2.8	8.90	pass
11N20	100	5500	11.80	2.7	9.10	pass
11N20	116	5580	11.40	2.06	9.33	pass
11N20	140	5700	11.93	3.44	8.49	pass
11N40	38	5190	8.26	-1.03	9.29	pass
11N40	46	5230	8.09	-1.09	9.18	pass
11N40	54	5270	8.21	-1.26	9.47	pass
11N40	62	5310	6.97	-2.38	9.15	pass
11N40	102	5510	7.60	-1.37	8.97	pass
11N40	110	5550	7.89	-1.62	9.51	pass
11N40	134	5670	7.13	-1.68	8.81	pass
11AC20	36	5180	10.45	2.39	8.06	pass
11AC20	40	5200	10.14	2.12	8.03	pass
11AC20	48	5240	10.20	2.23	7.97	pass
11AC20	52	5260	10.61	2.43	8.18	pass
11AC20	56	5280	10.61	2.65	7.96	pass
11AC20	64	5320	10.23	2.17	8.06	pass
11AC20	100	5500	10.38	2.20	8.17	pass
11AC20	116	5580	9.89	1.79	8.09	pass
11AC20	140	5700	10.99	2.90	8.10	pass
11AC40	38	5190	7.42	-1.14	8.56	pass

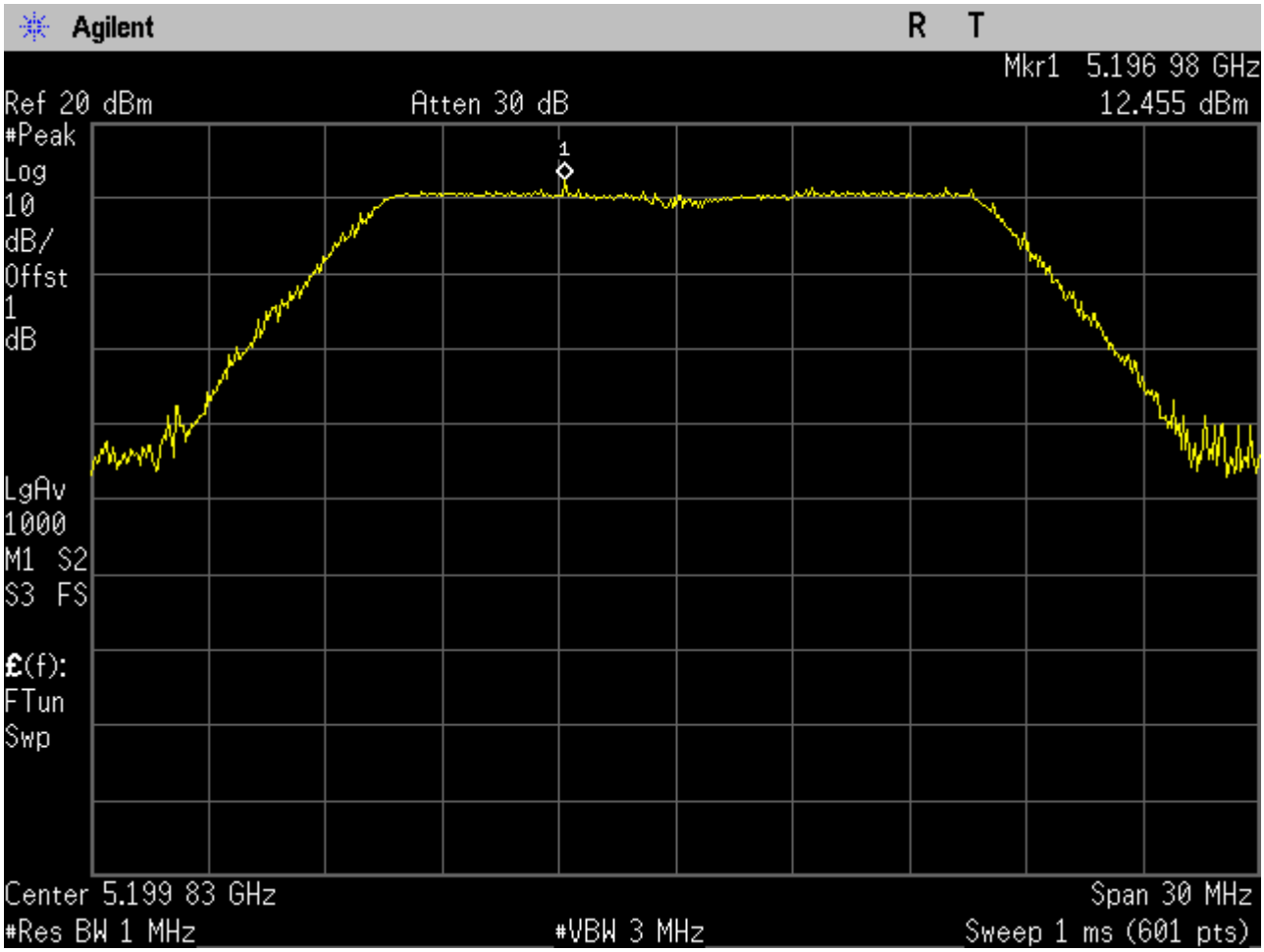
11AC40	46	5230	6.77	-1.74	8.51	pass
11AC40	54	5270	7.09	-1.36	8.45	pass
11AC40	62	5310	7.35	-1.44	8.79	pass
11AC40	102	5510	7.19	-1.48	8.67	pass
11AC40	110	5550	7.00	-1.52	8.52	pass
11AC40	134	5670	6.55	-1.67	8.22	pass
11AC80	42	5210	3.98	-4.7	8.68	pass
11AC80	58	5290	3.60	-5.35	8.95	pass
11AC80	106	5530	3.61	-5.35	8.96	pass

9 Test Plot

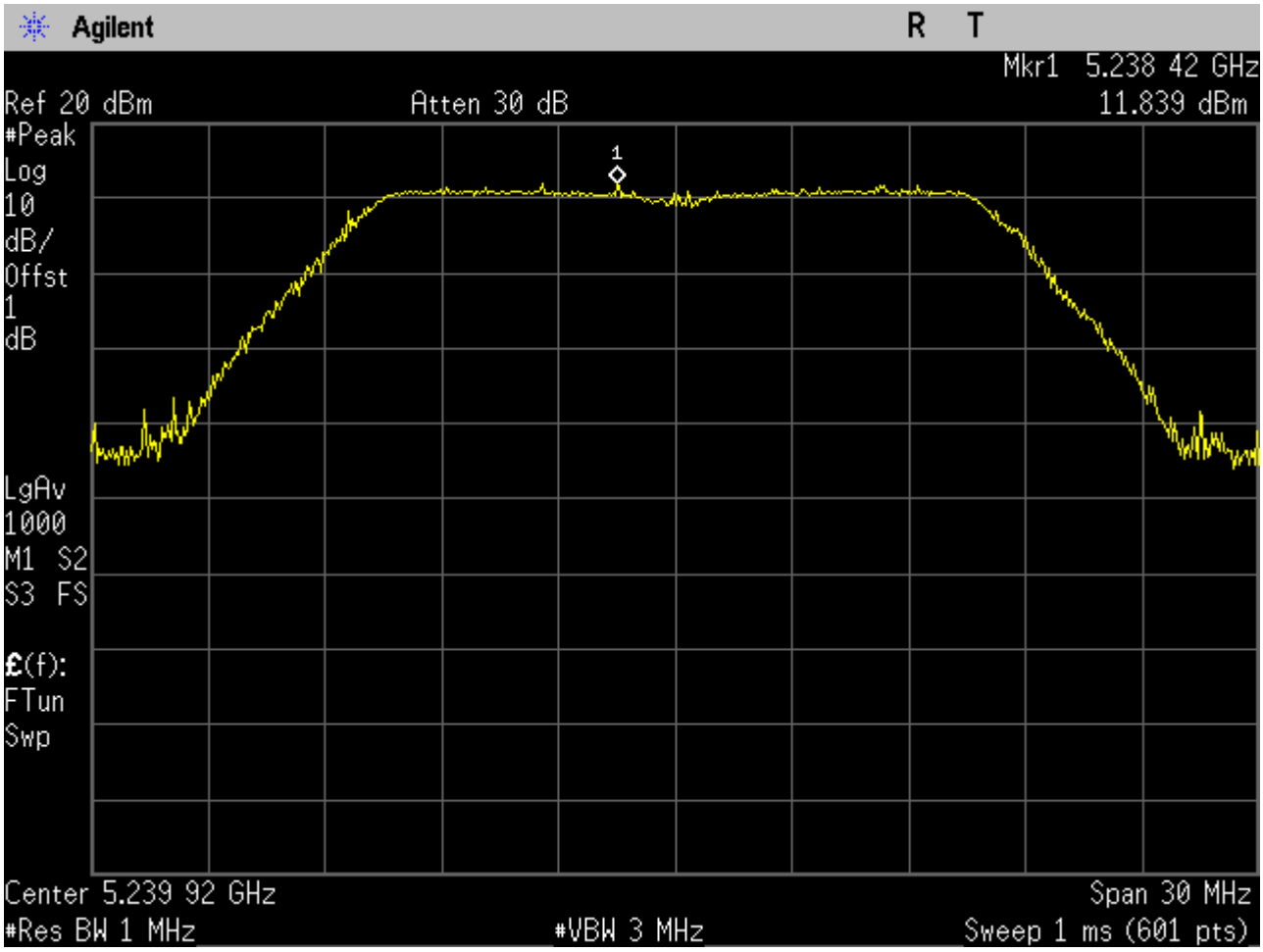
9.1 11A_36



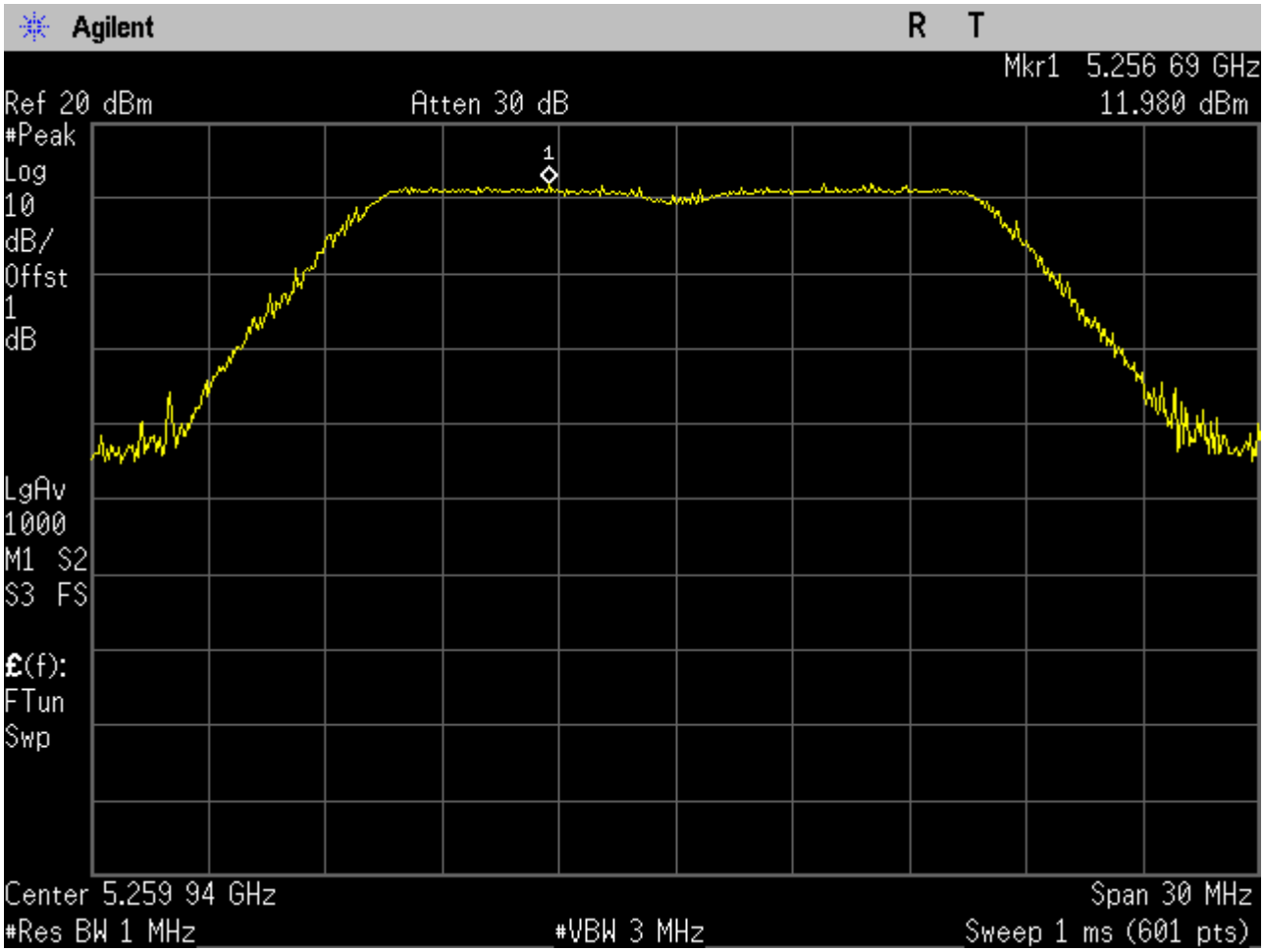
9.2 11A_40



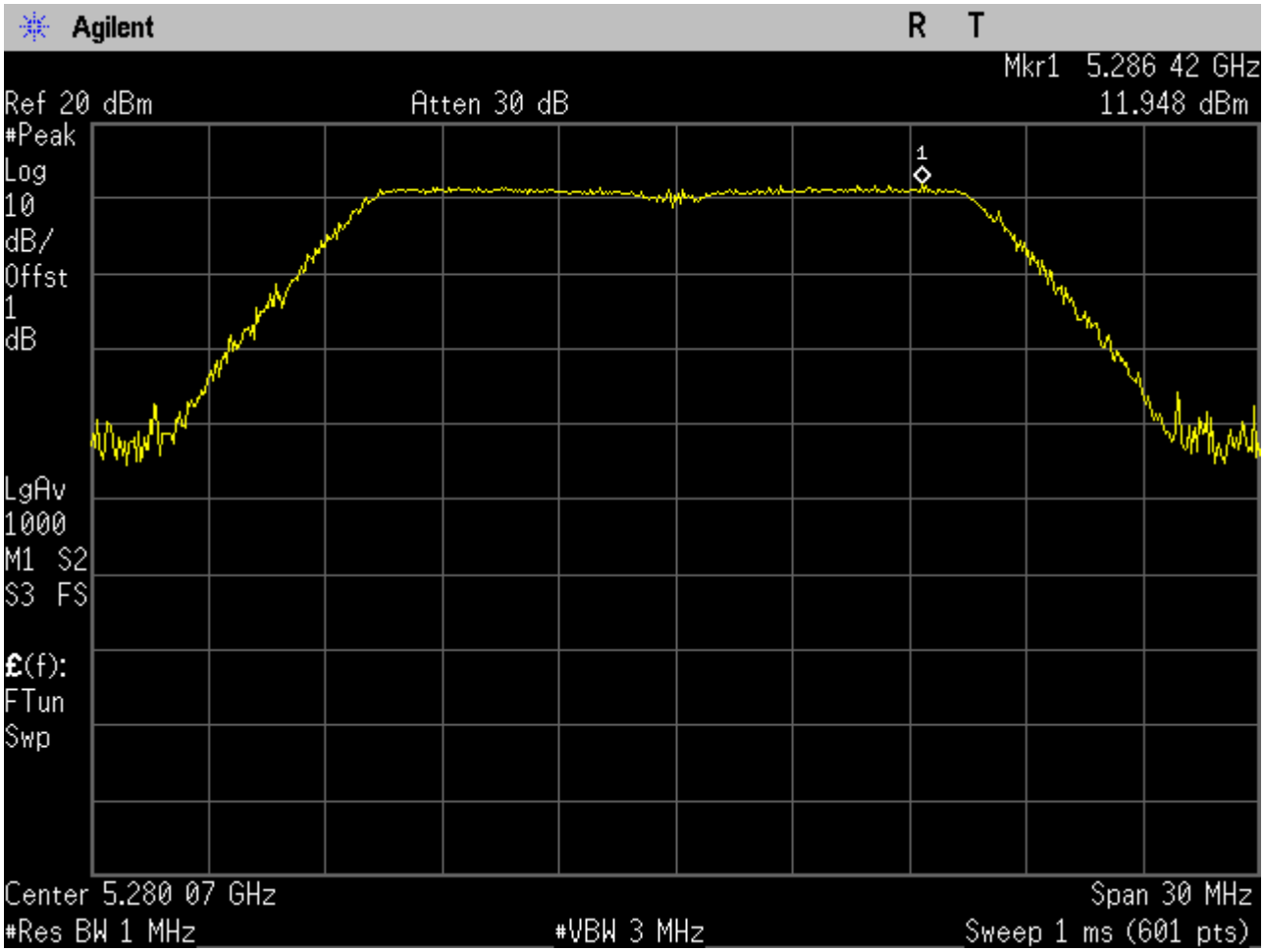
9.3 11A_48



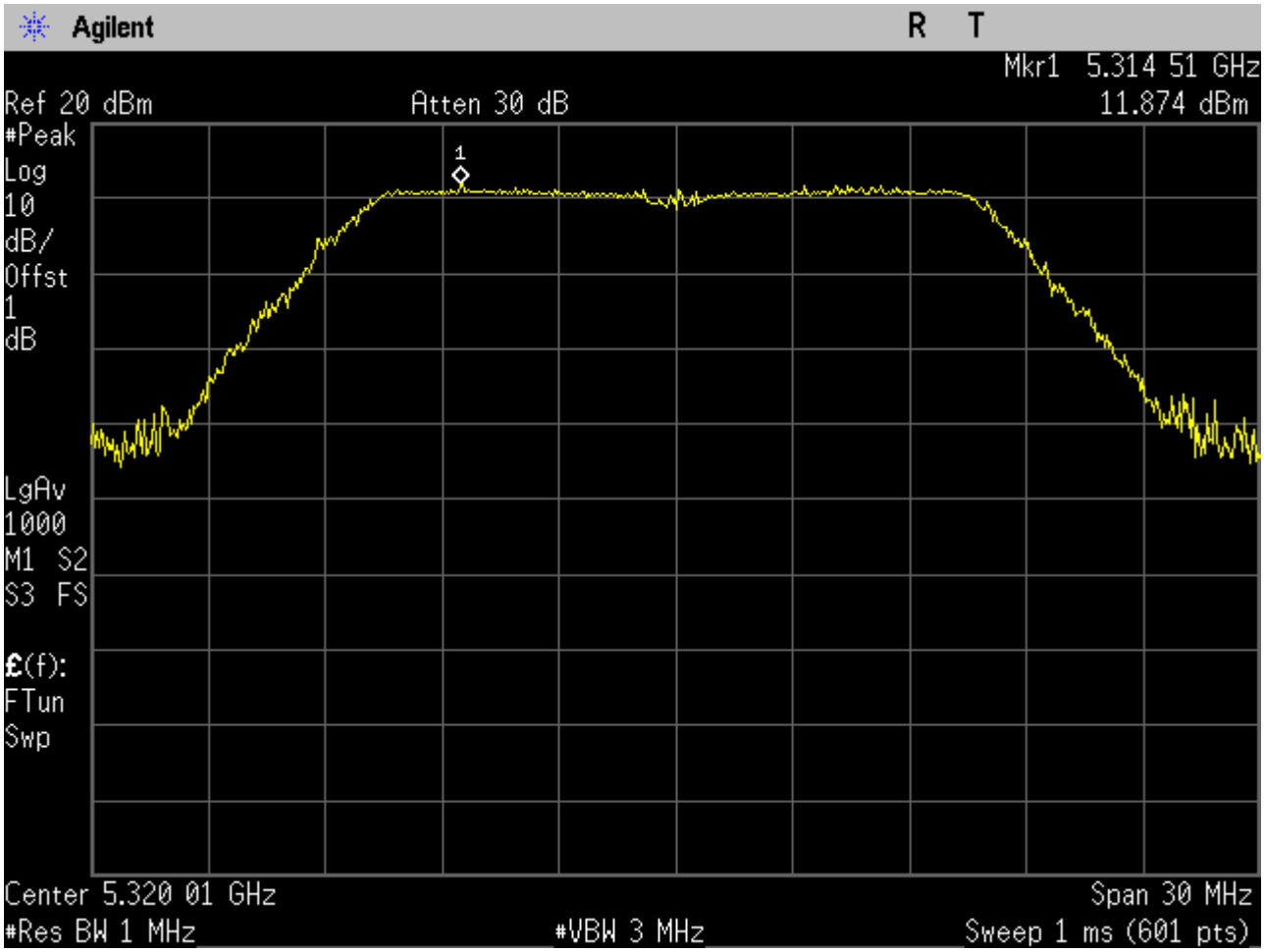
9.4 11A_52



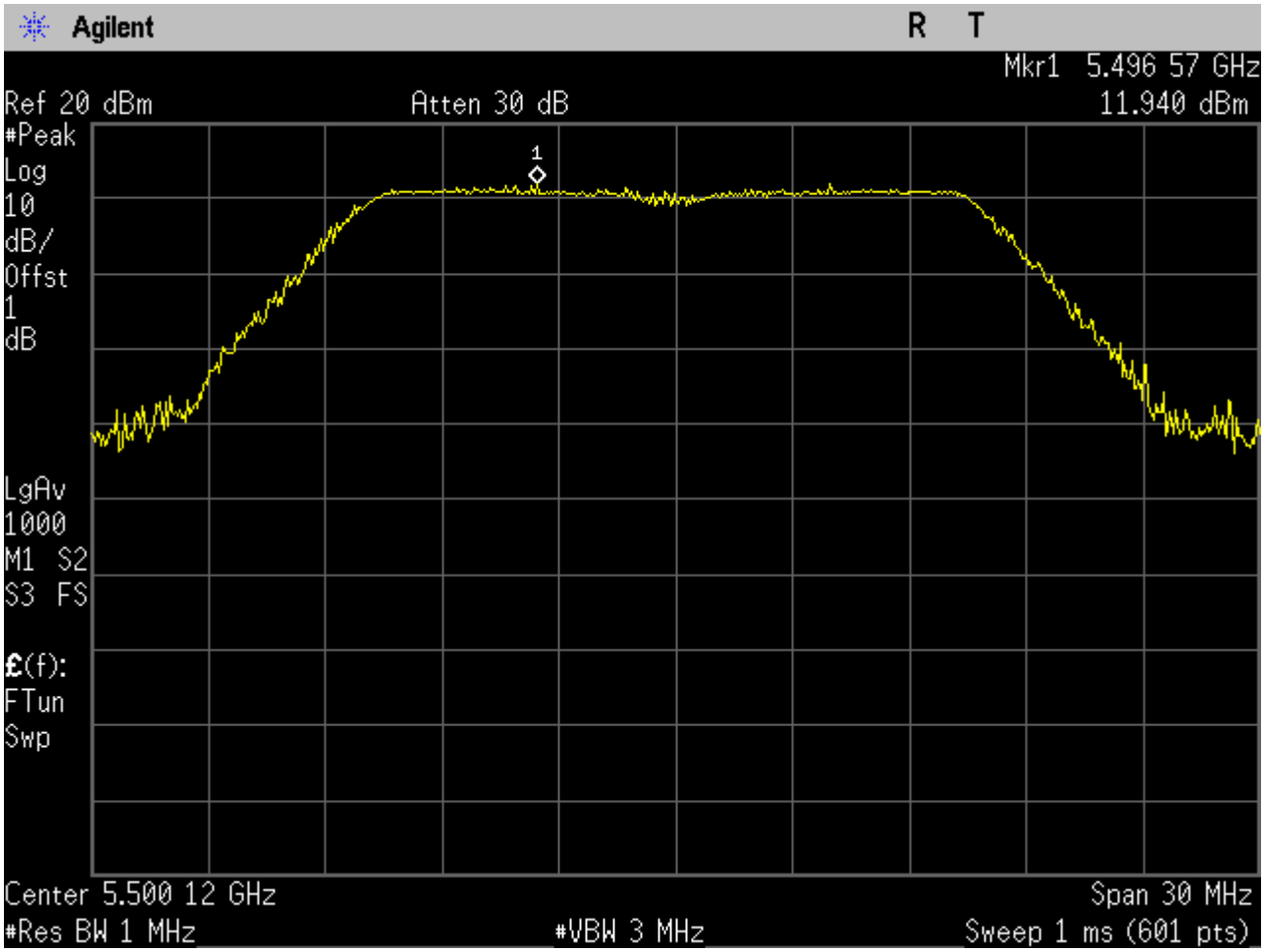
9.5 11A_56



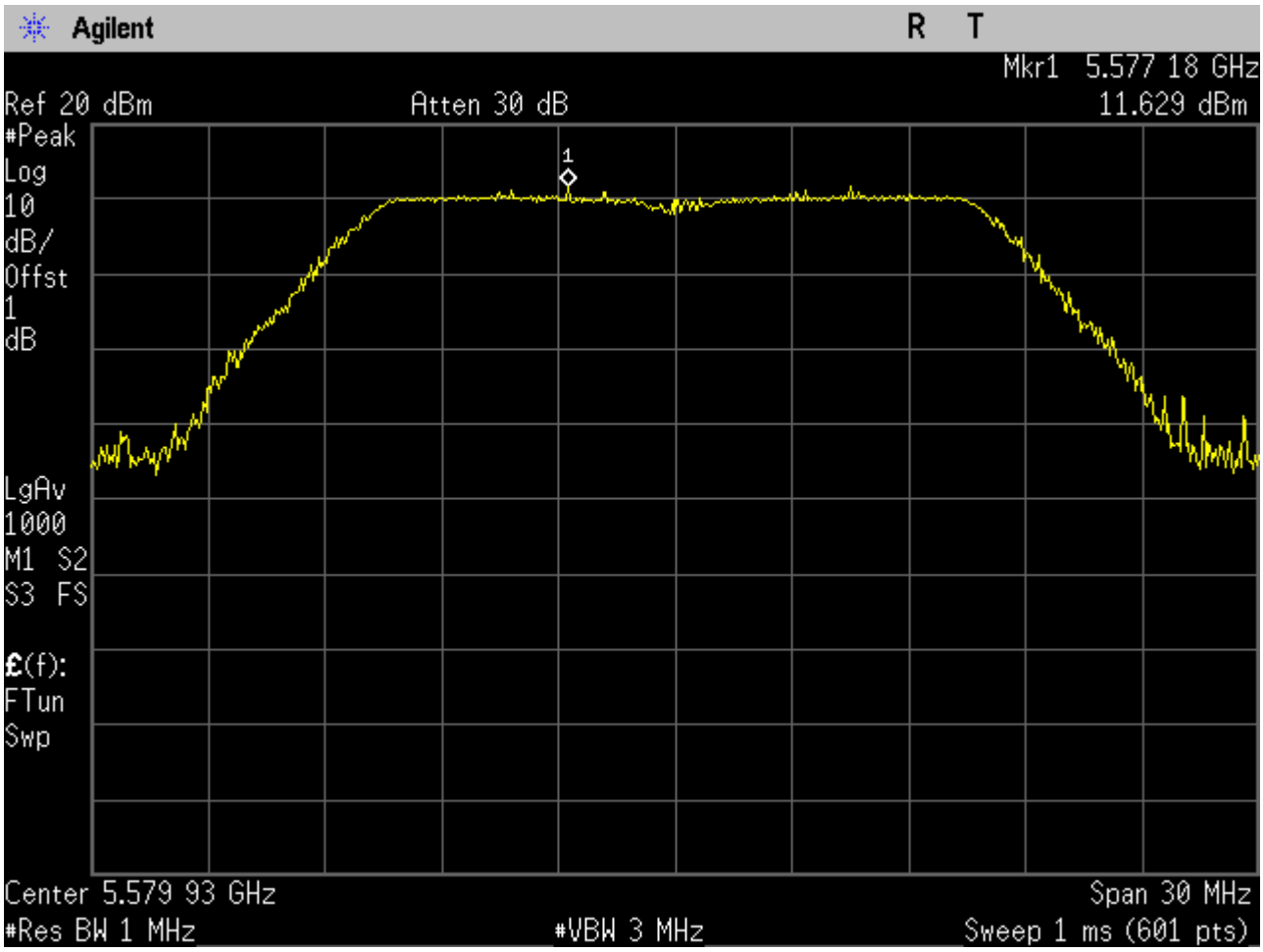
9.6 11A_64



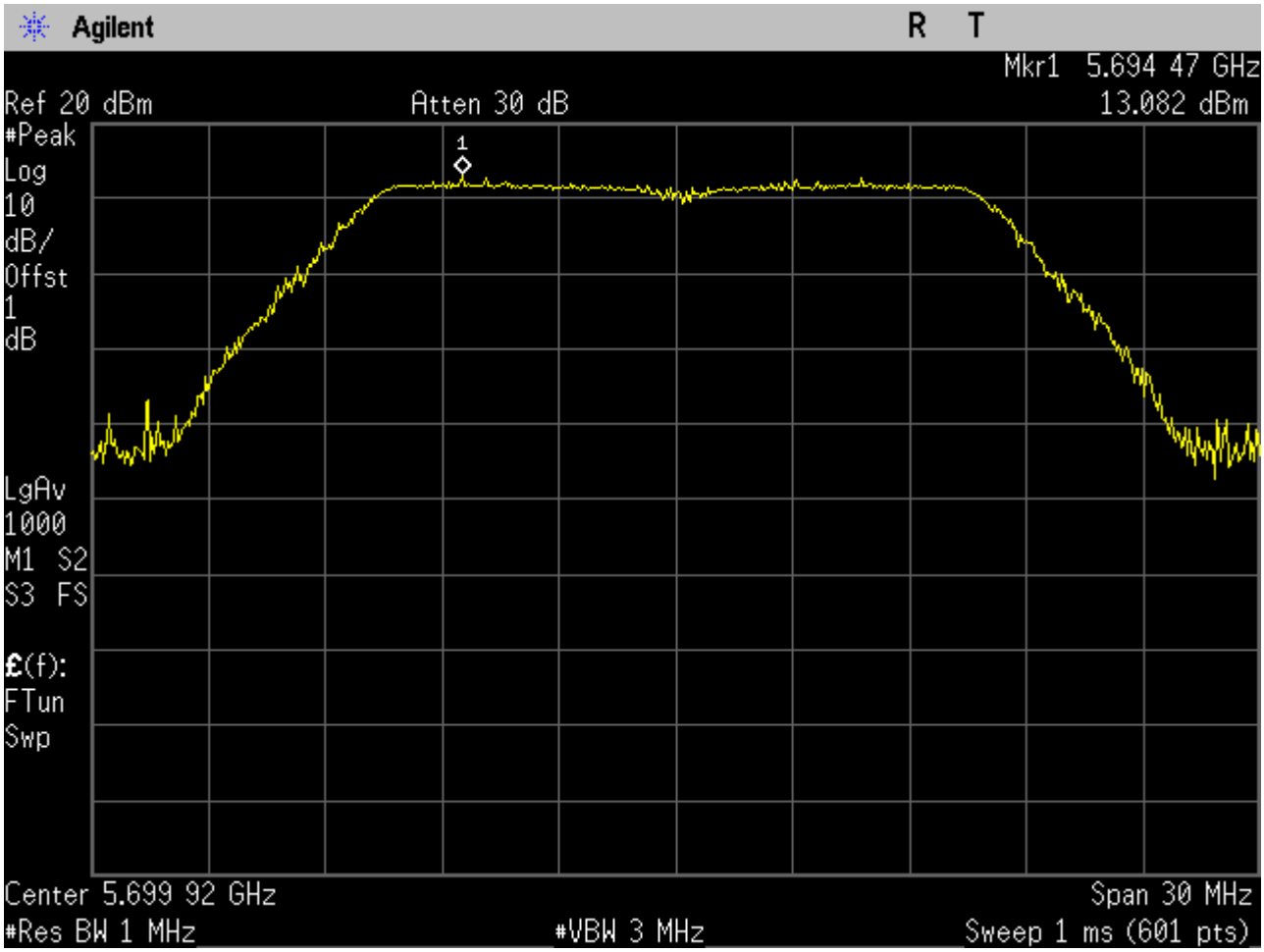
9.7 11A_100



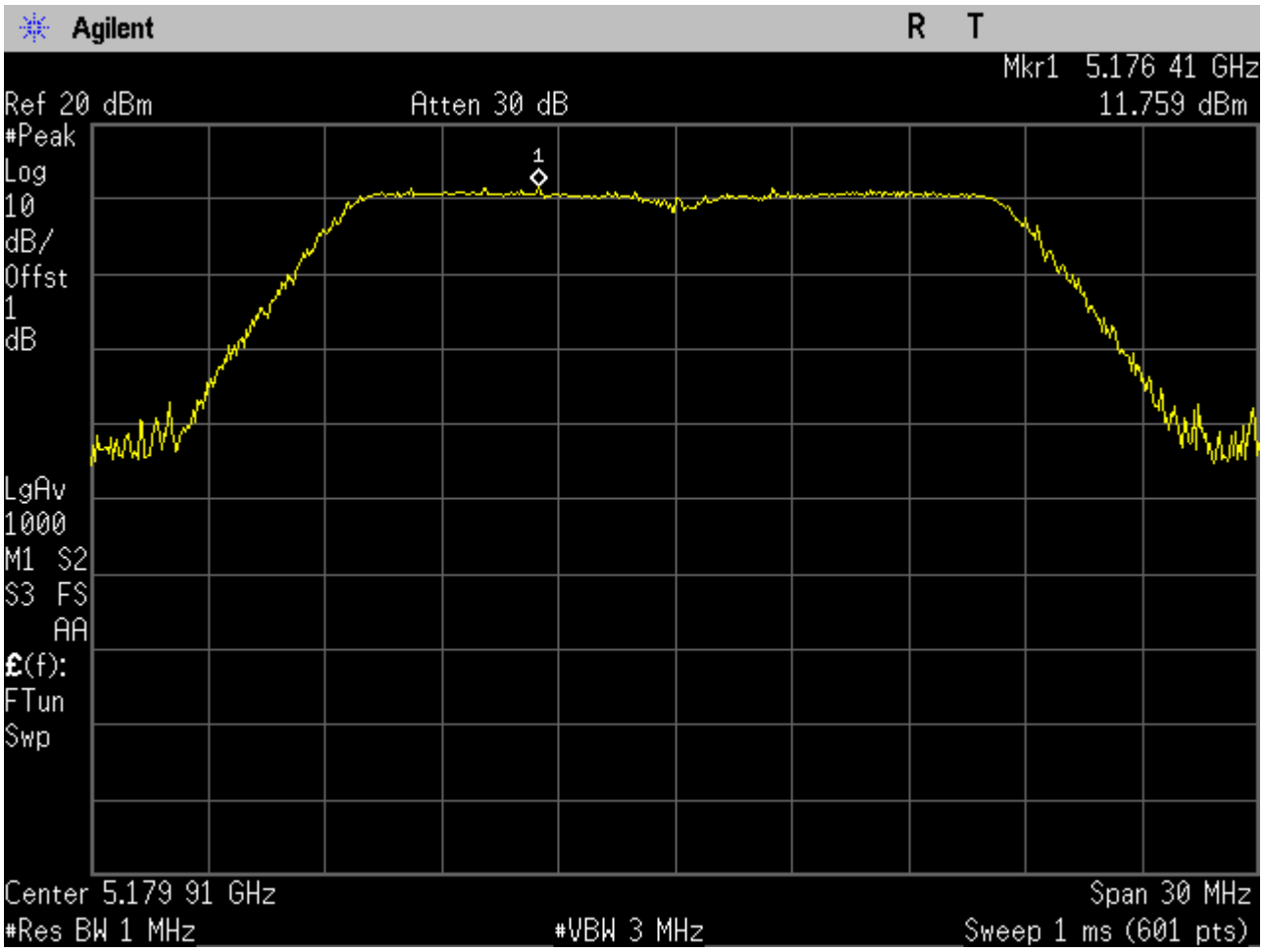
9.8 11A_116



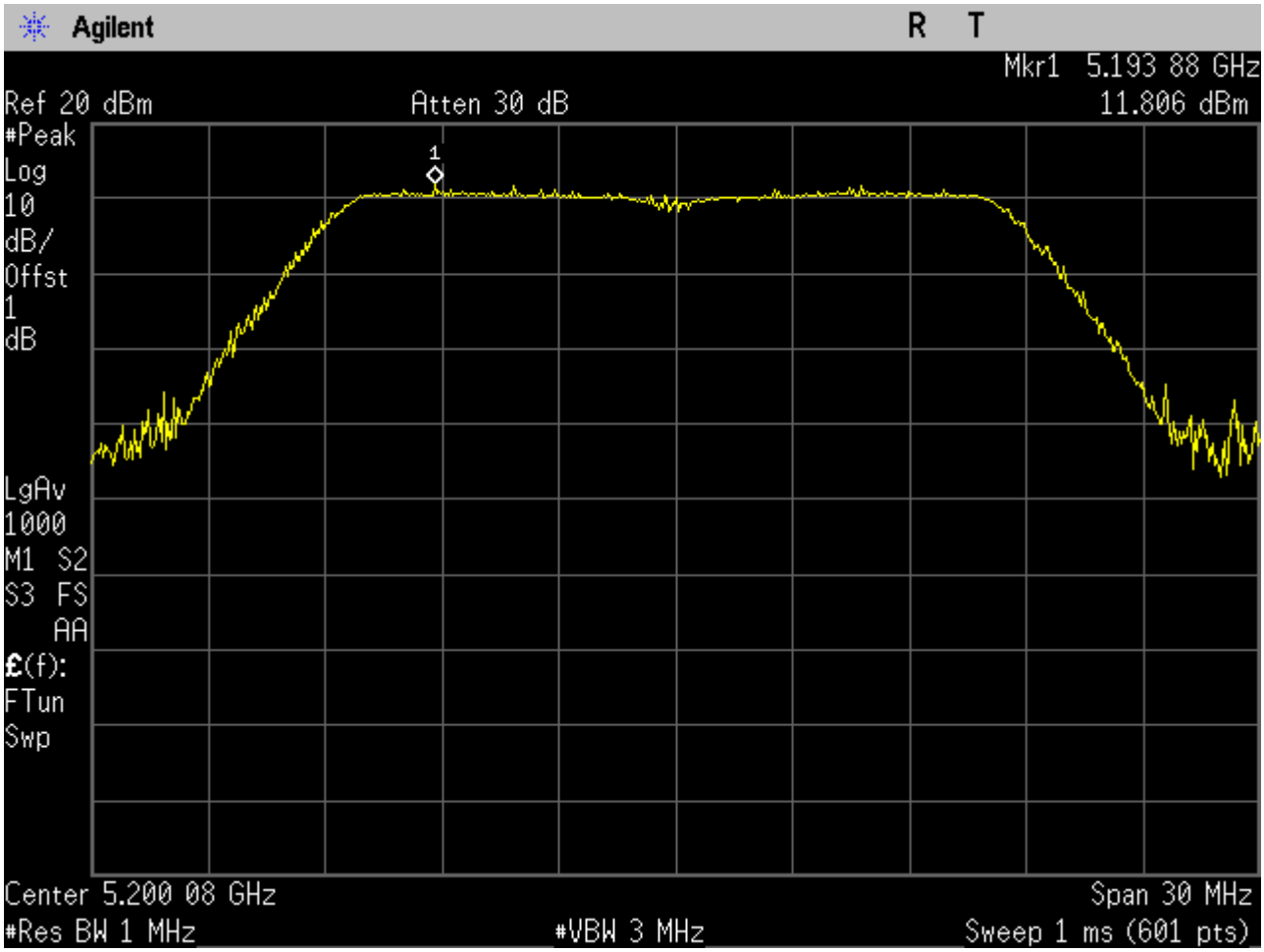
9.9 11A_140



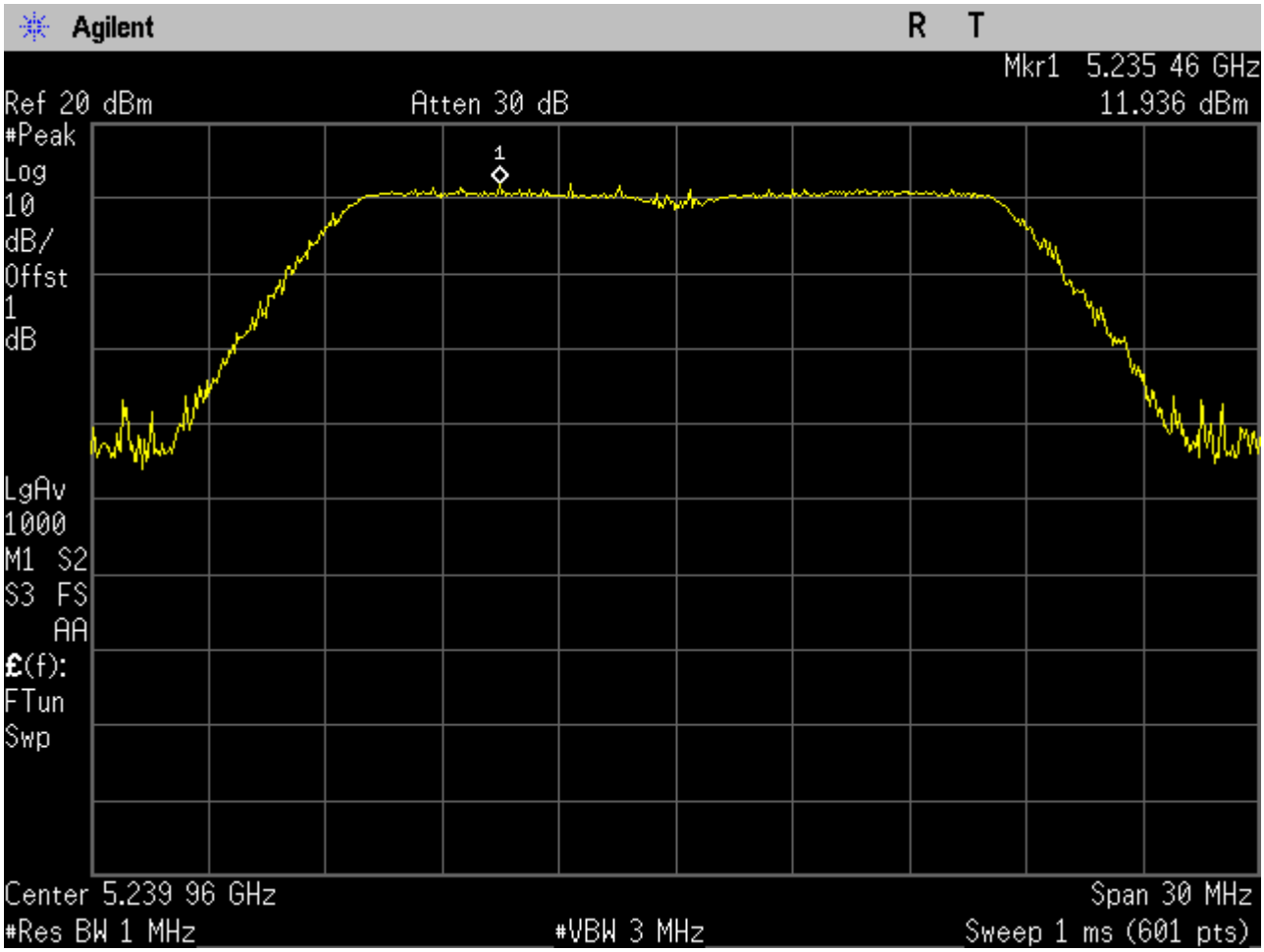
9.1011N20_36



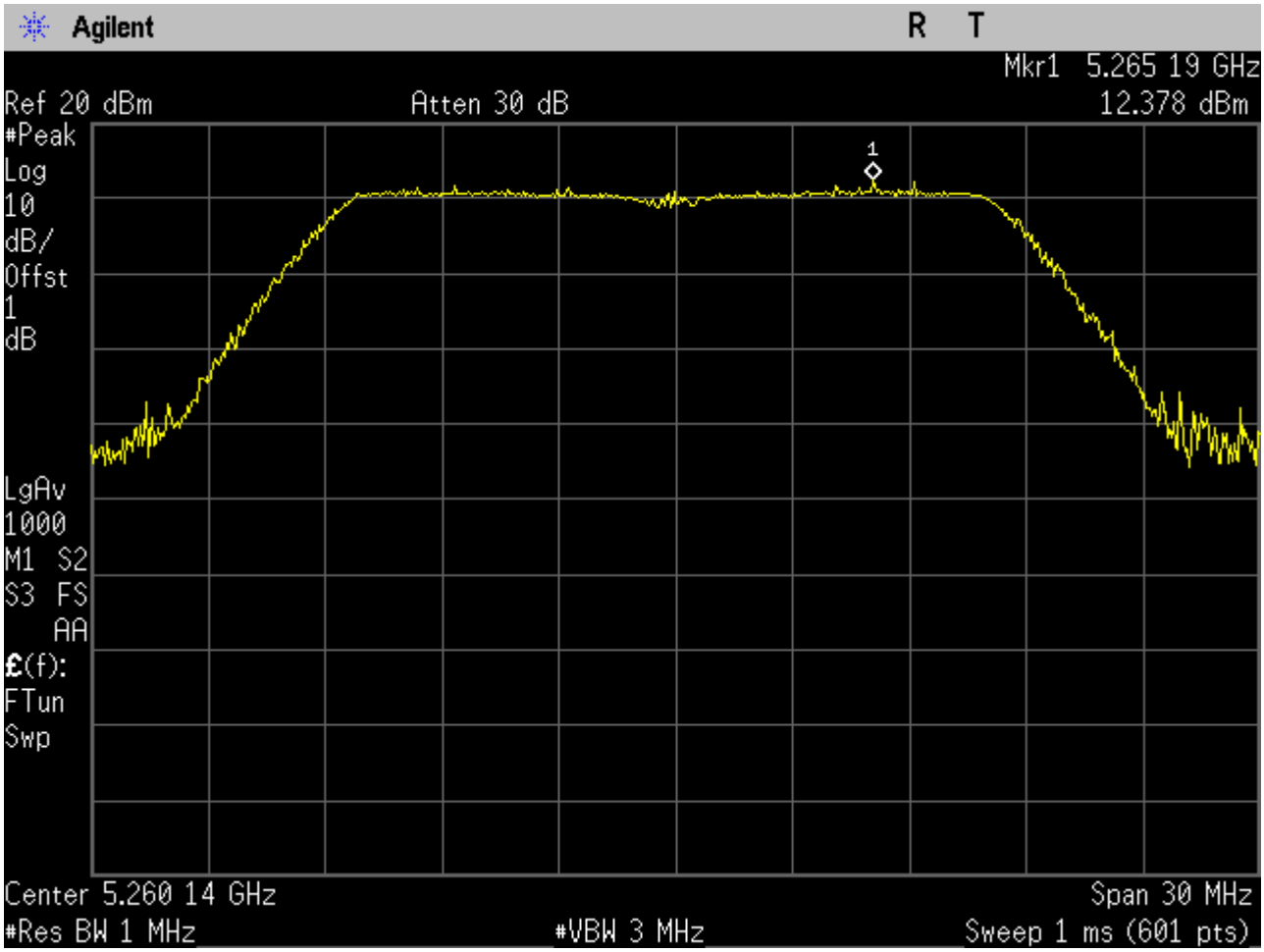
9.1111N20_40



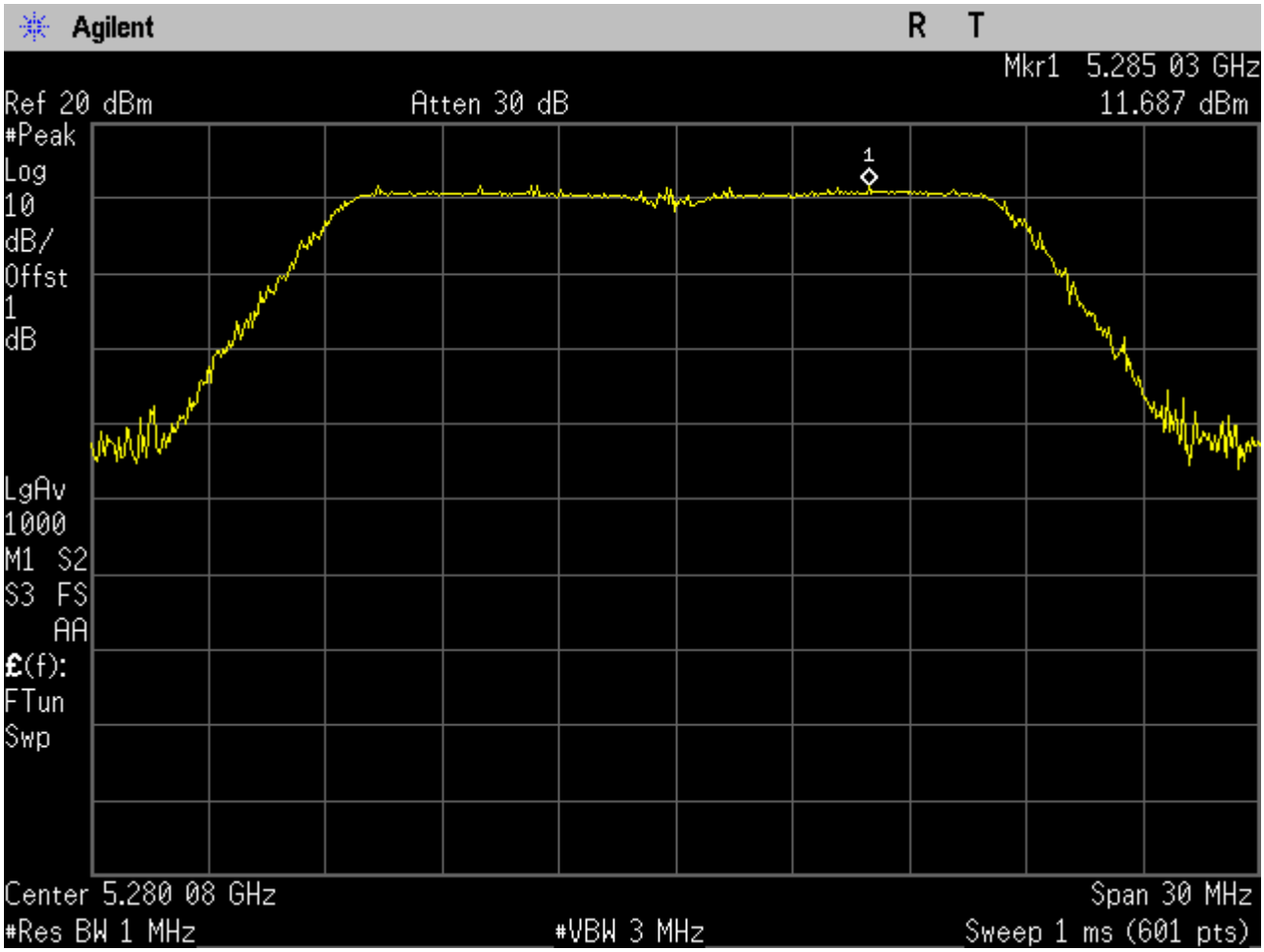
9.1211N20_48



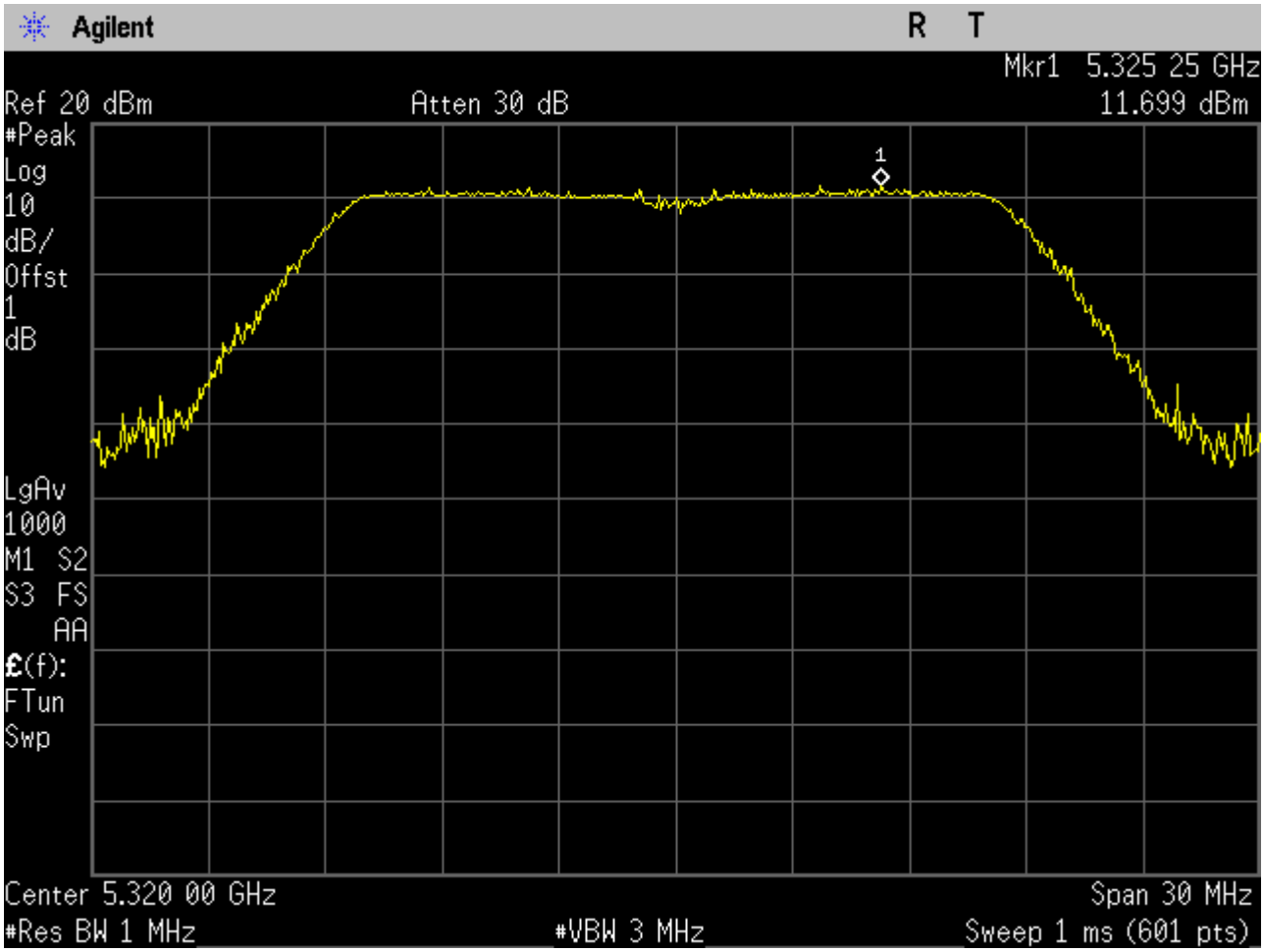
9.1311N20_52



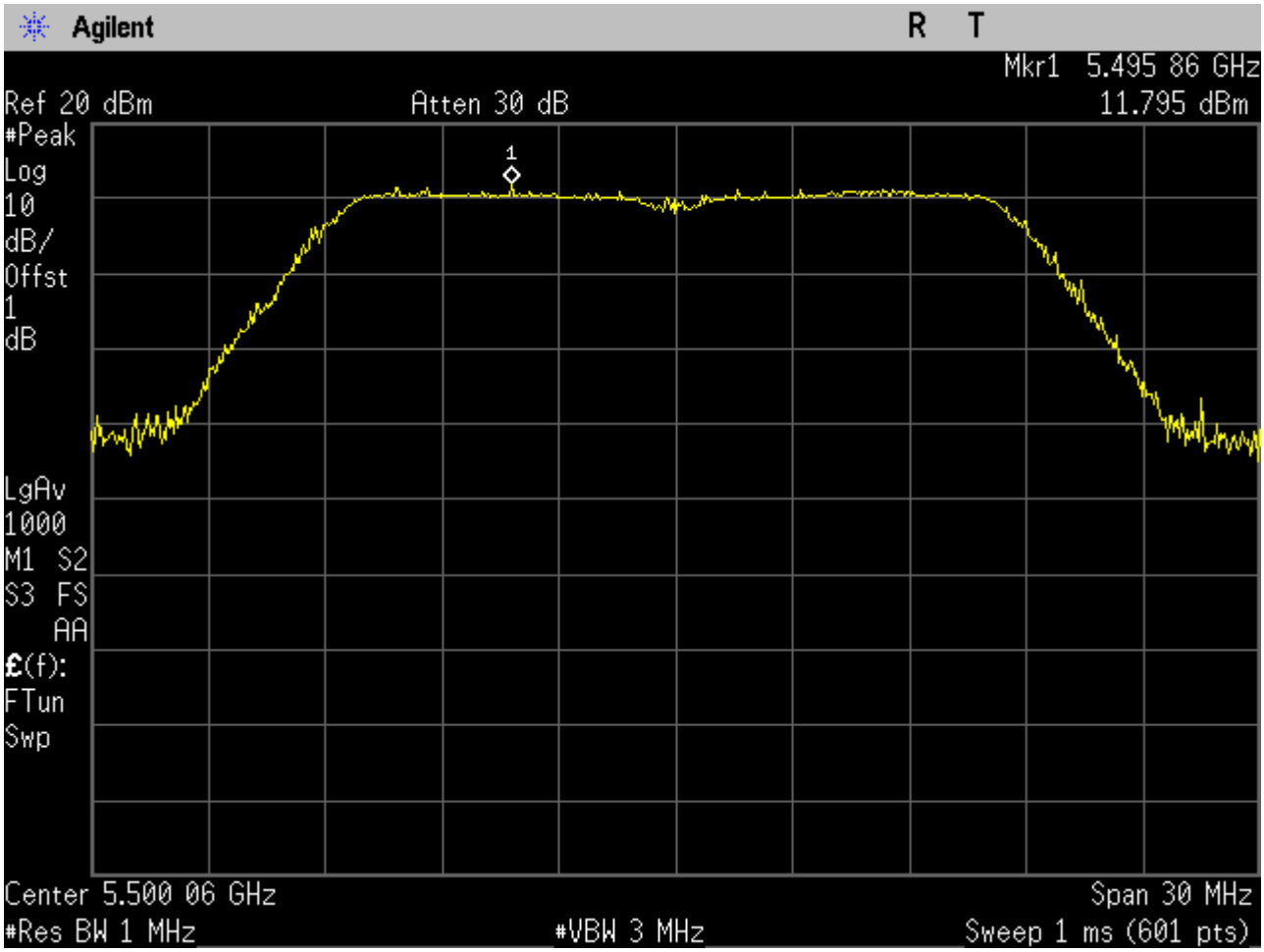
9.1411N20_56



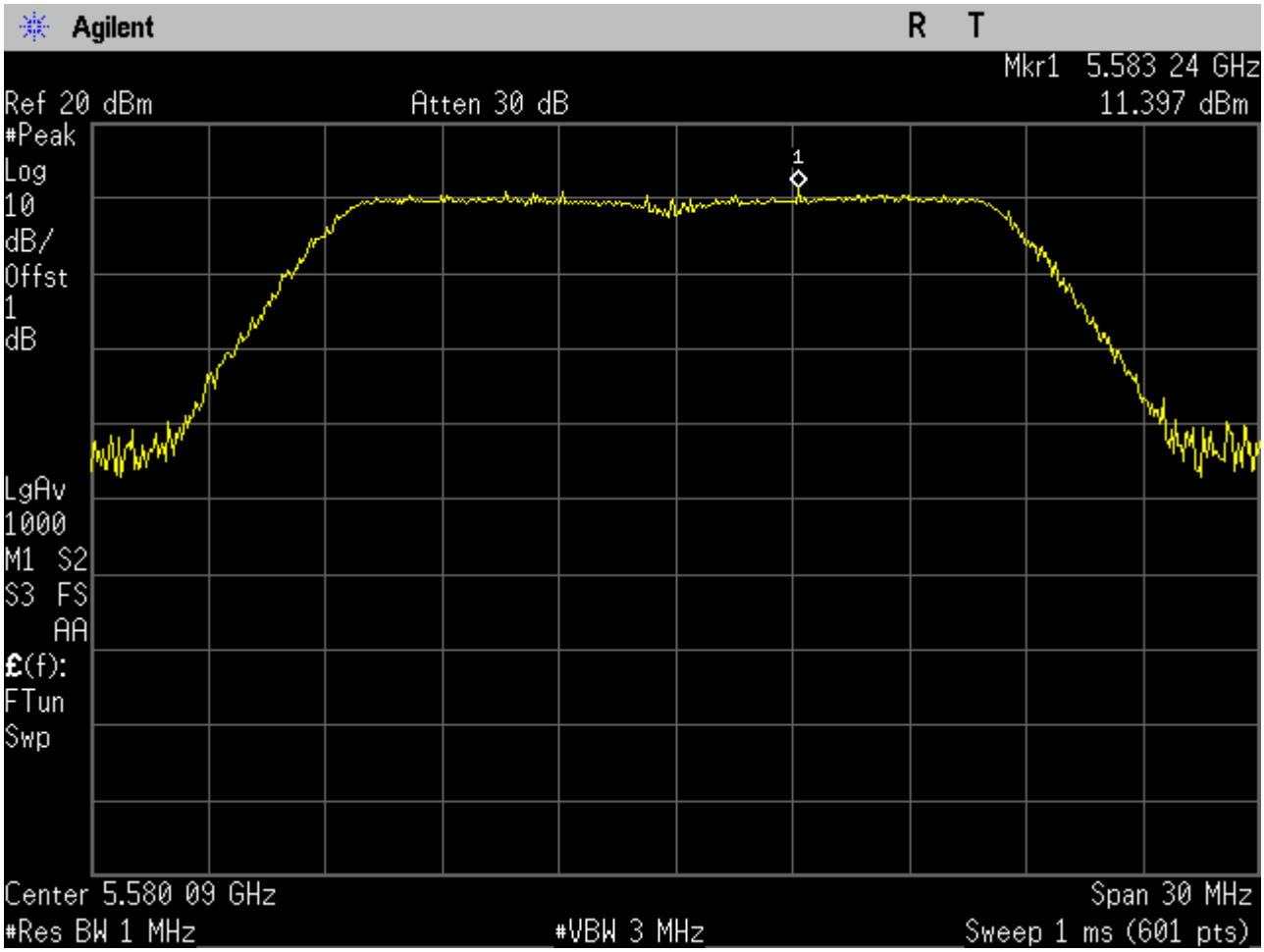
9.1511N20_64



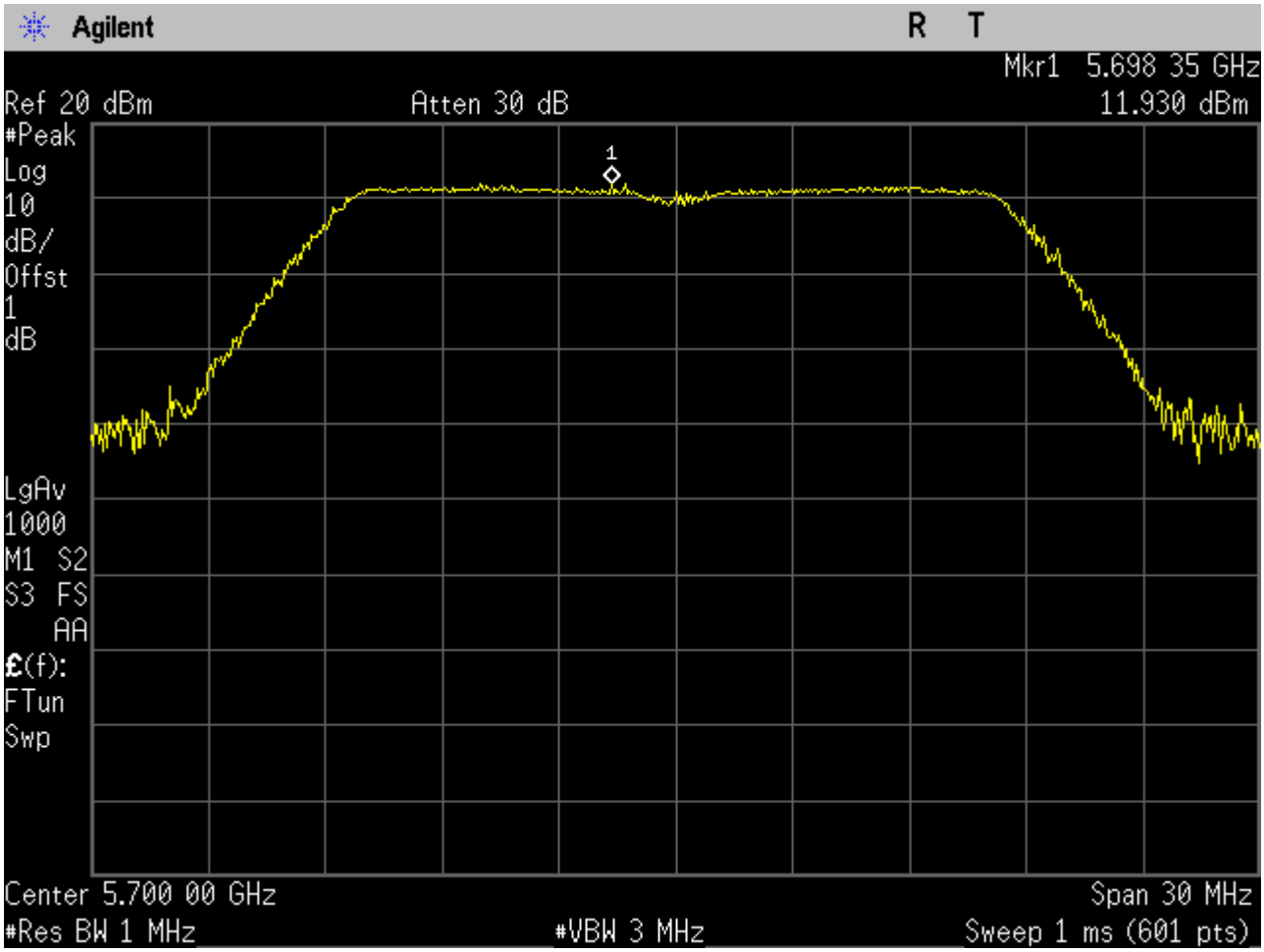
9.1611N20_100



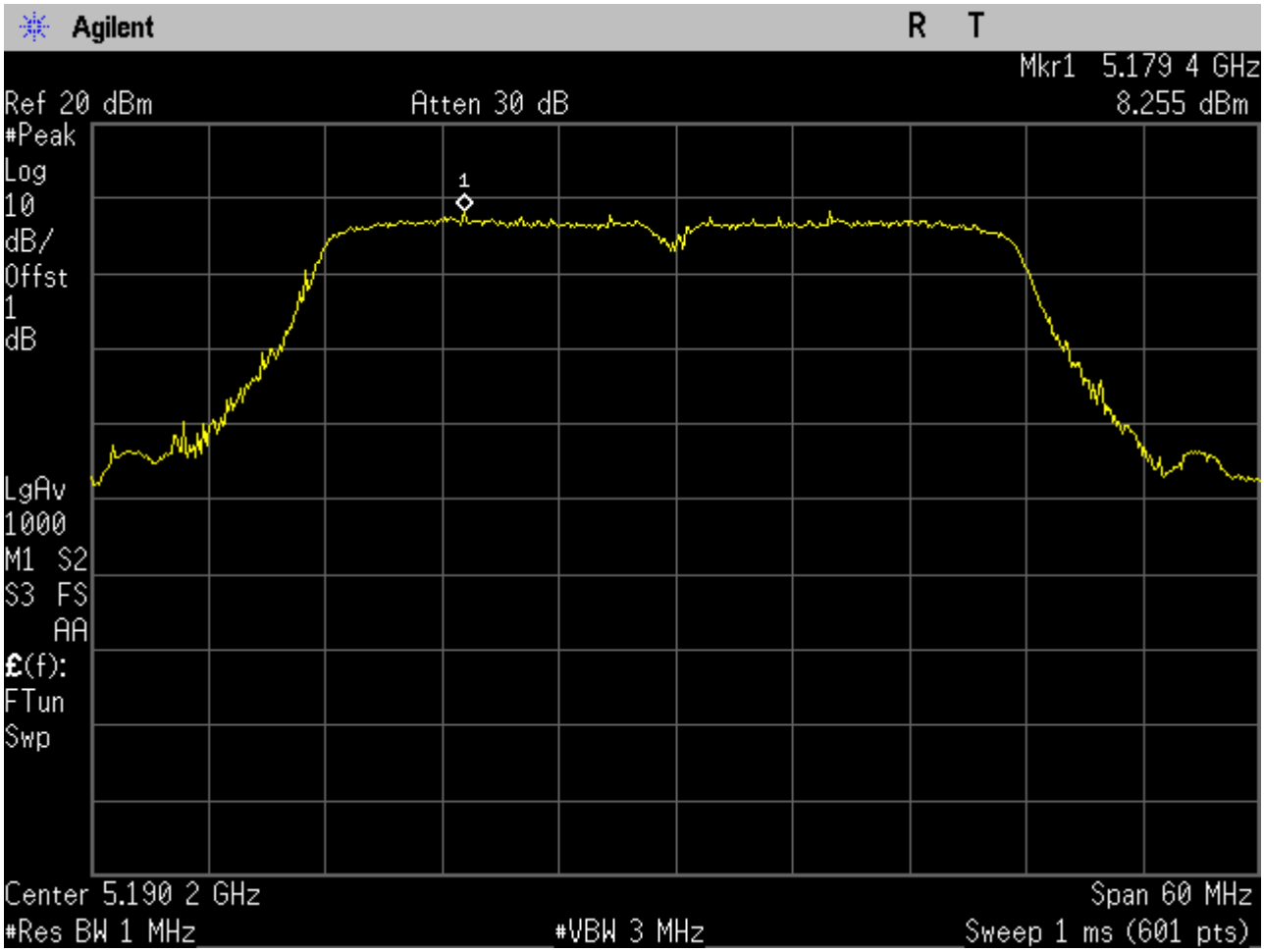
9.1711N20_116



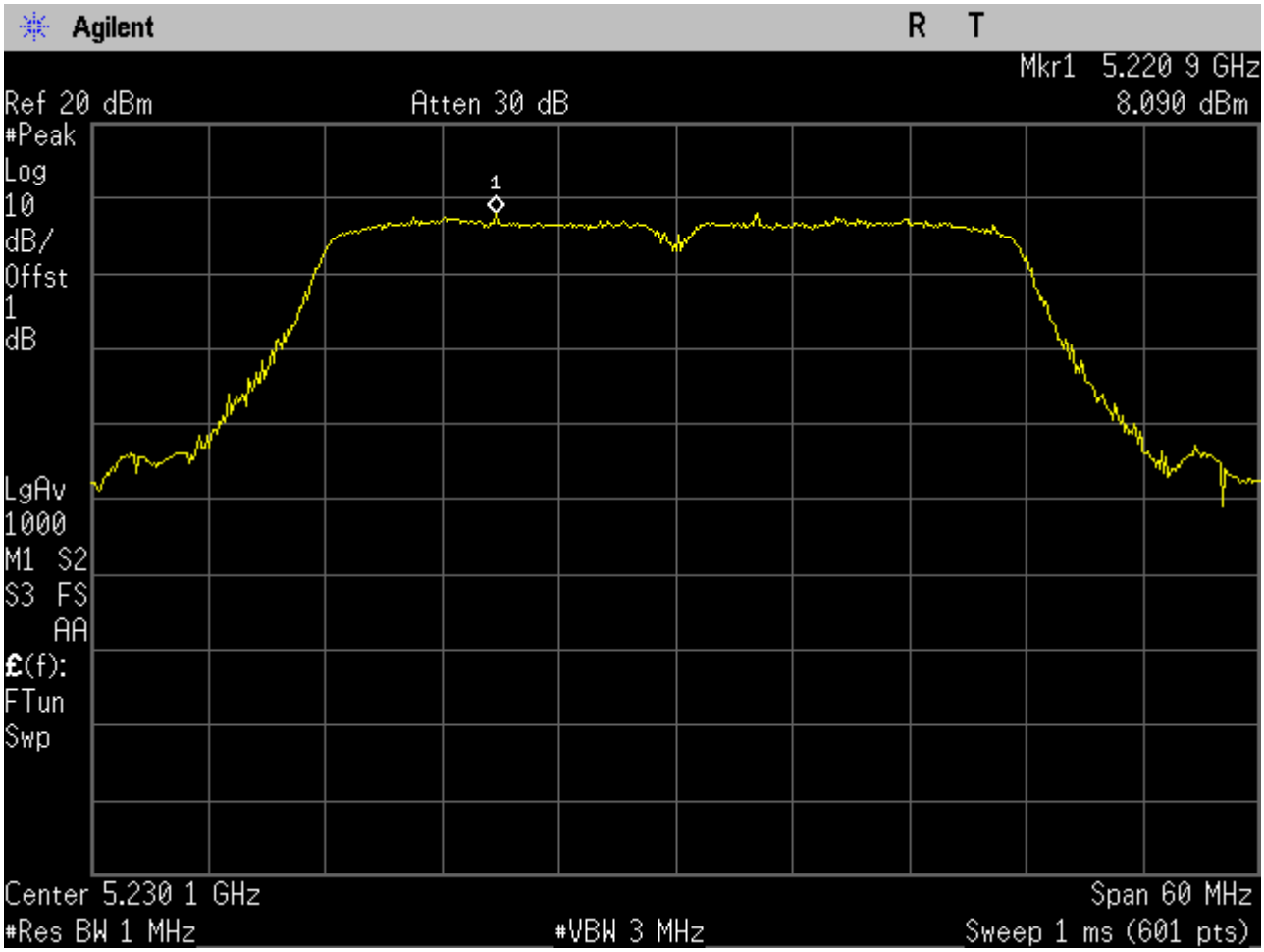
9.1811N20_140



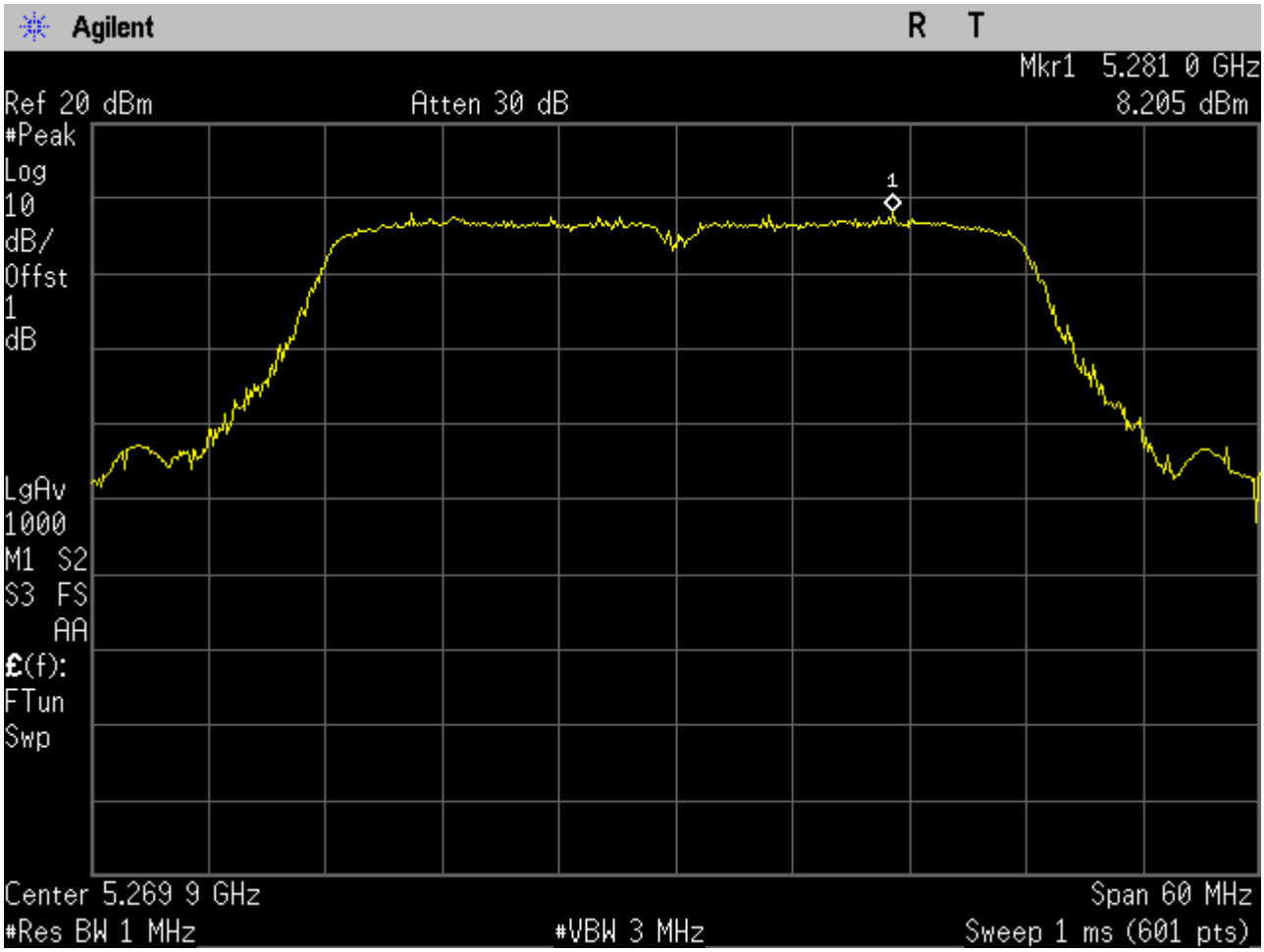
9.1911N40_38



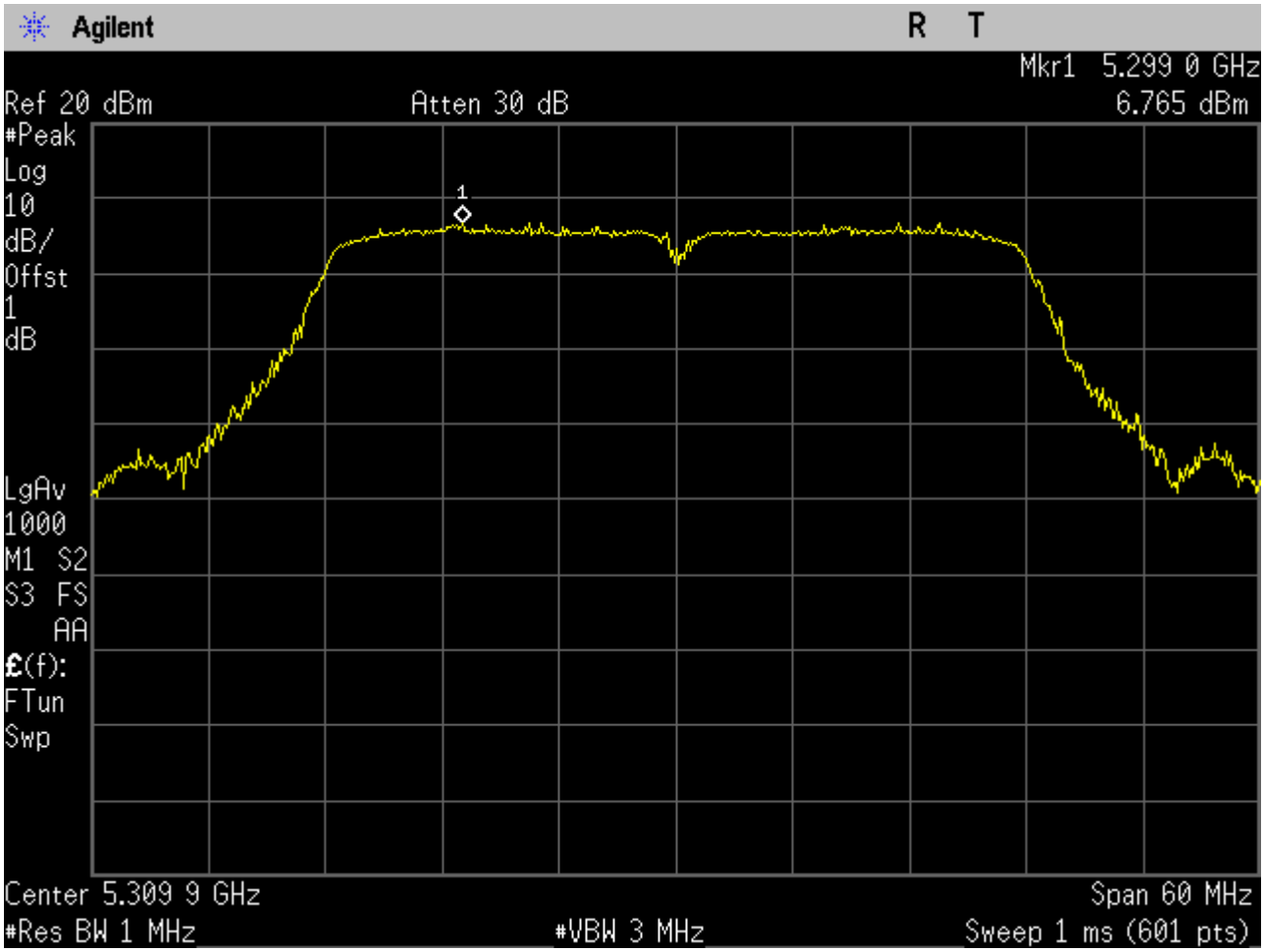
9.2011N40_46



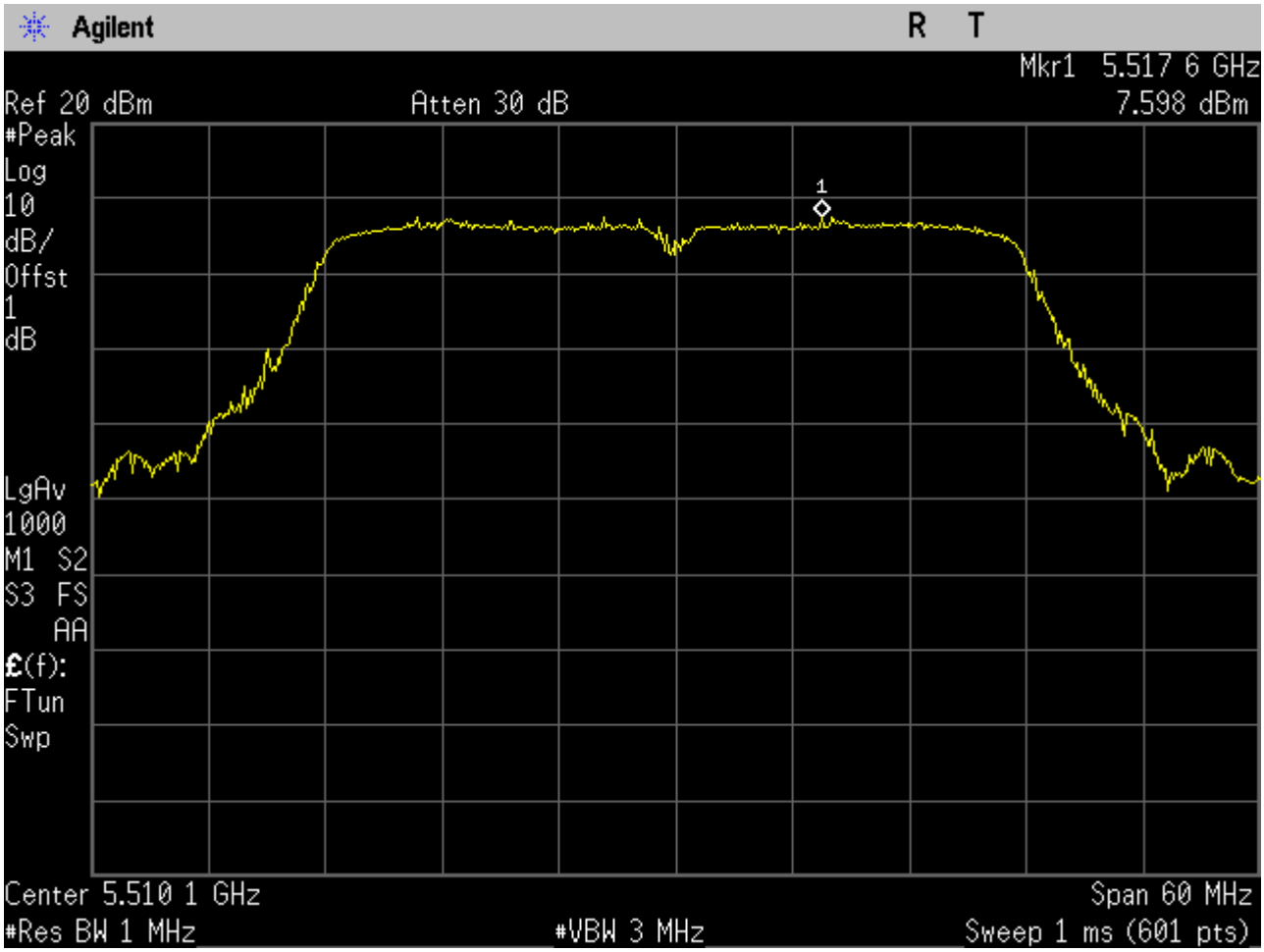
9.2111N40_54



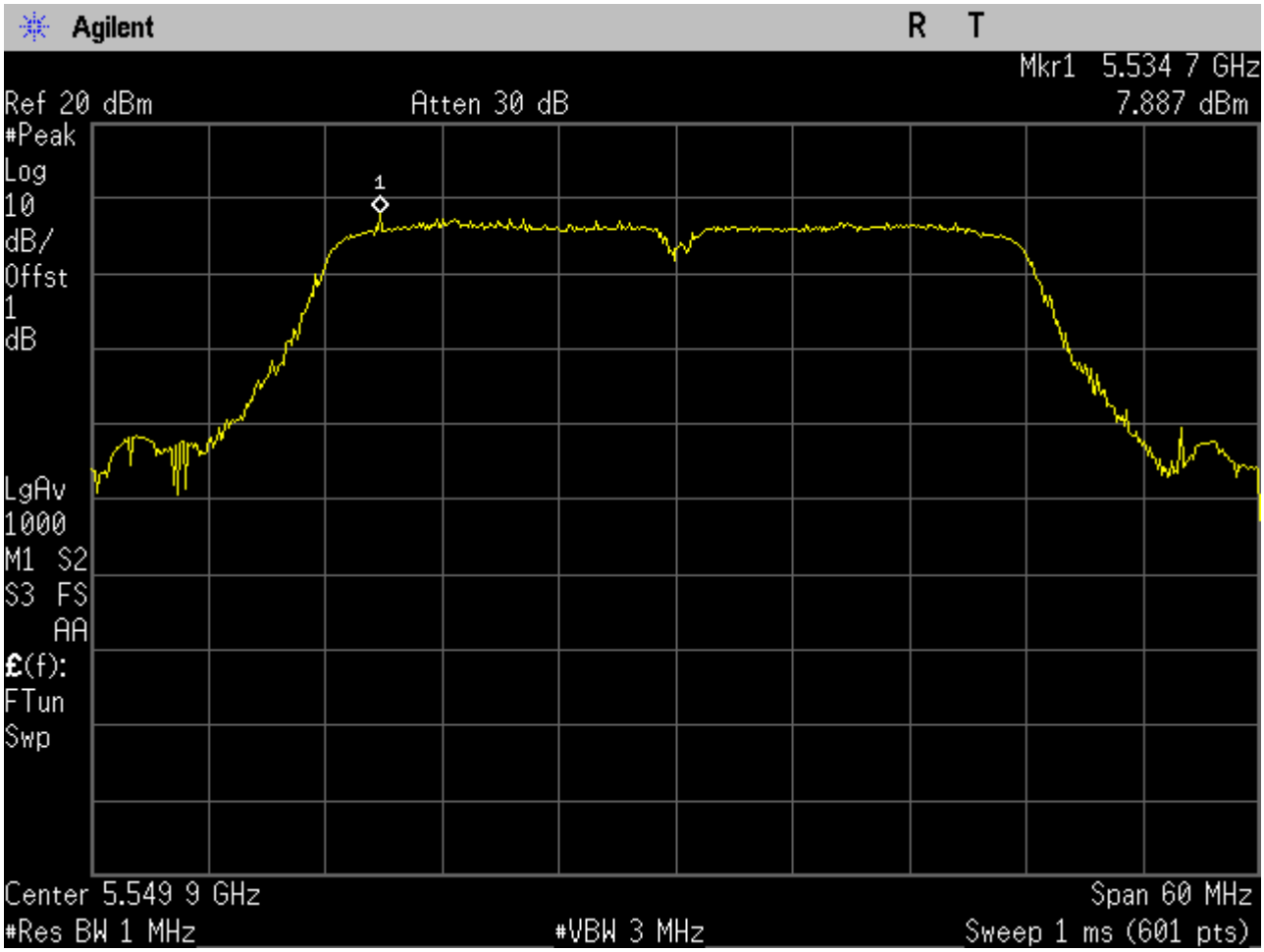
9.2211N40_62



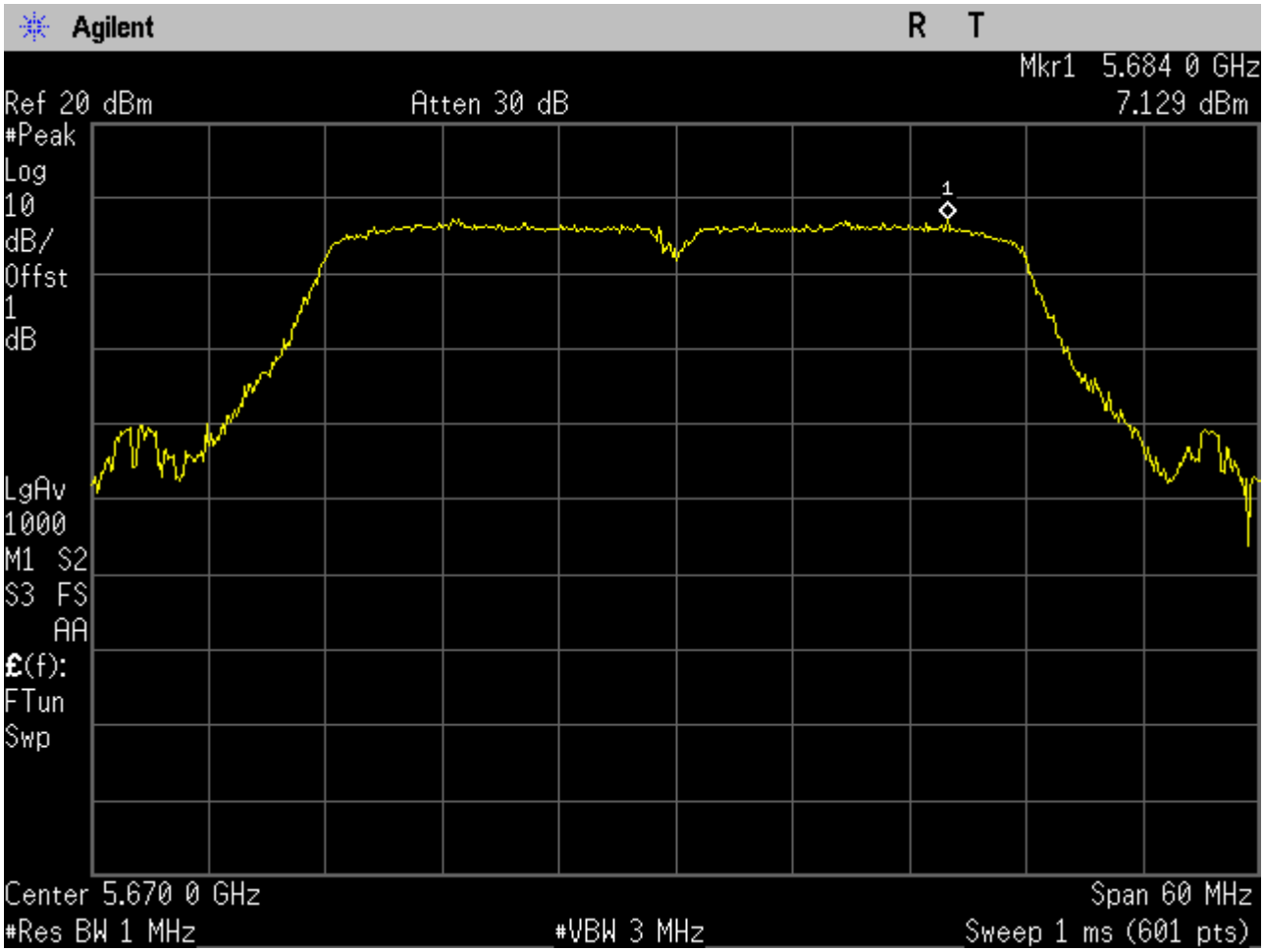
9.2311N40_102



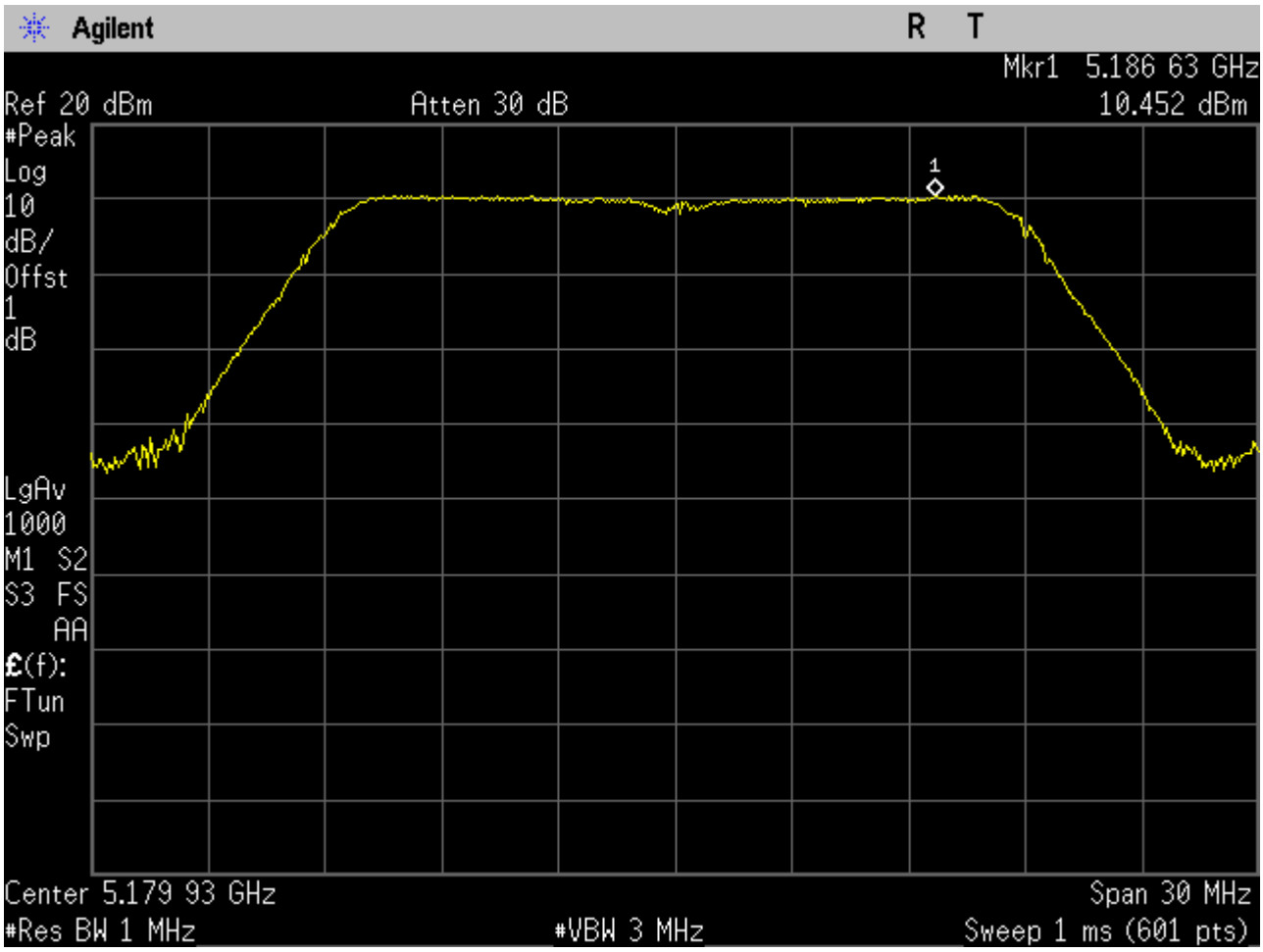
9.2411N40_110



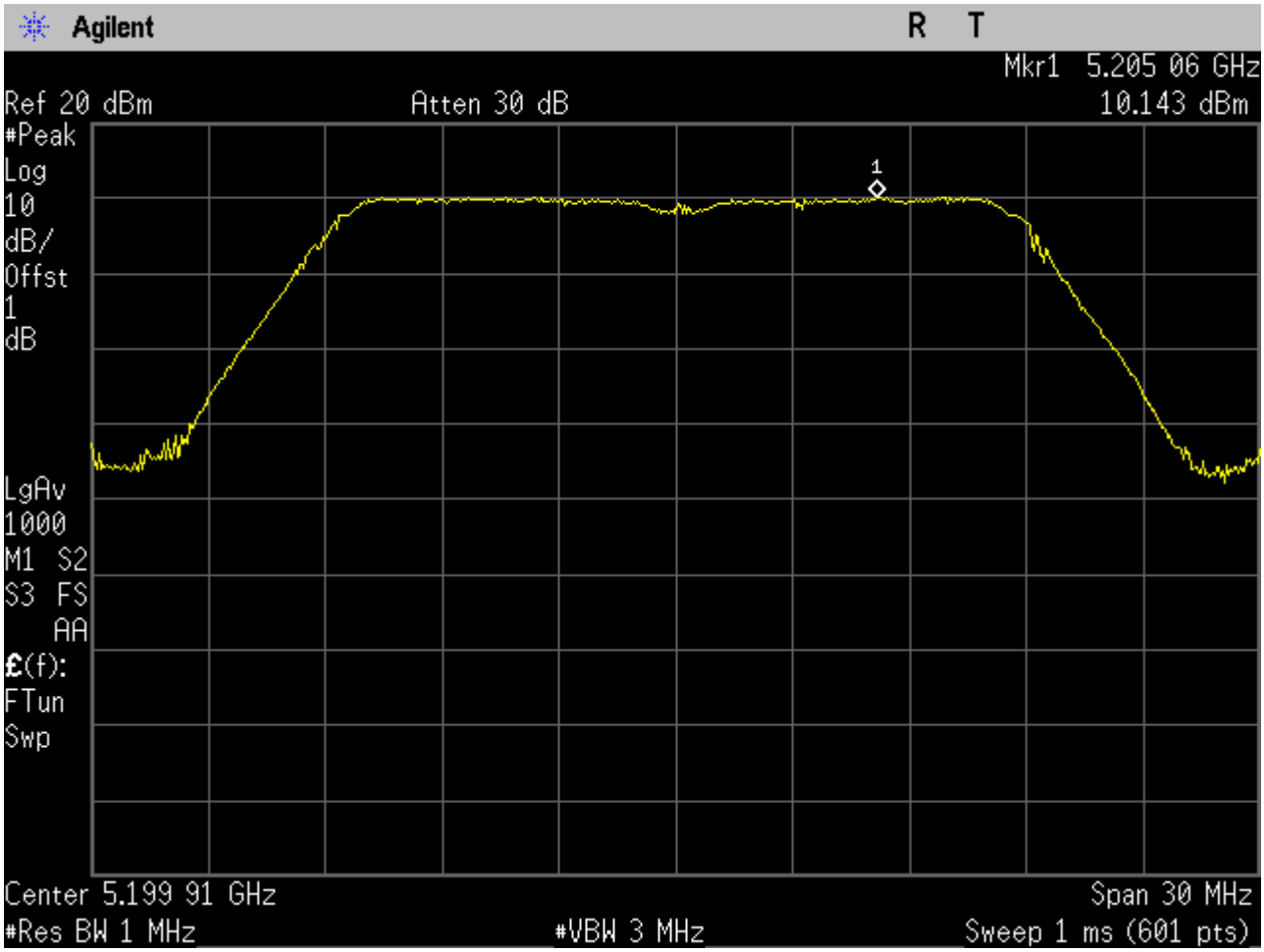
9.2511N40_134



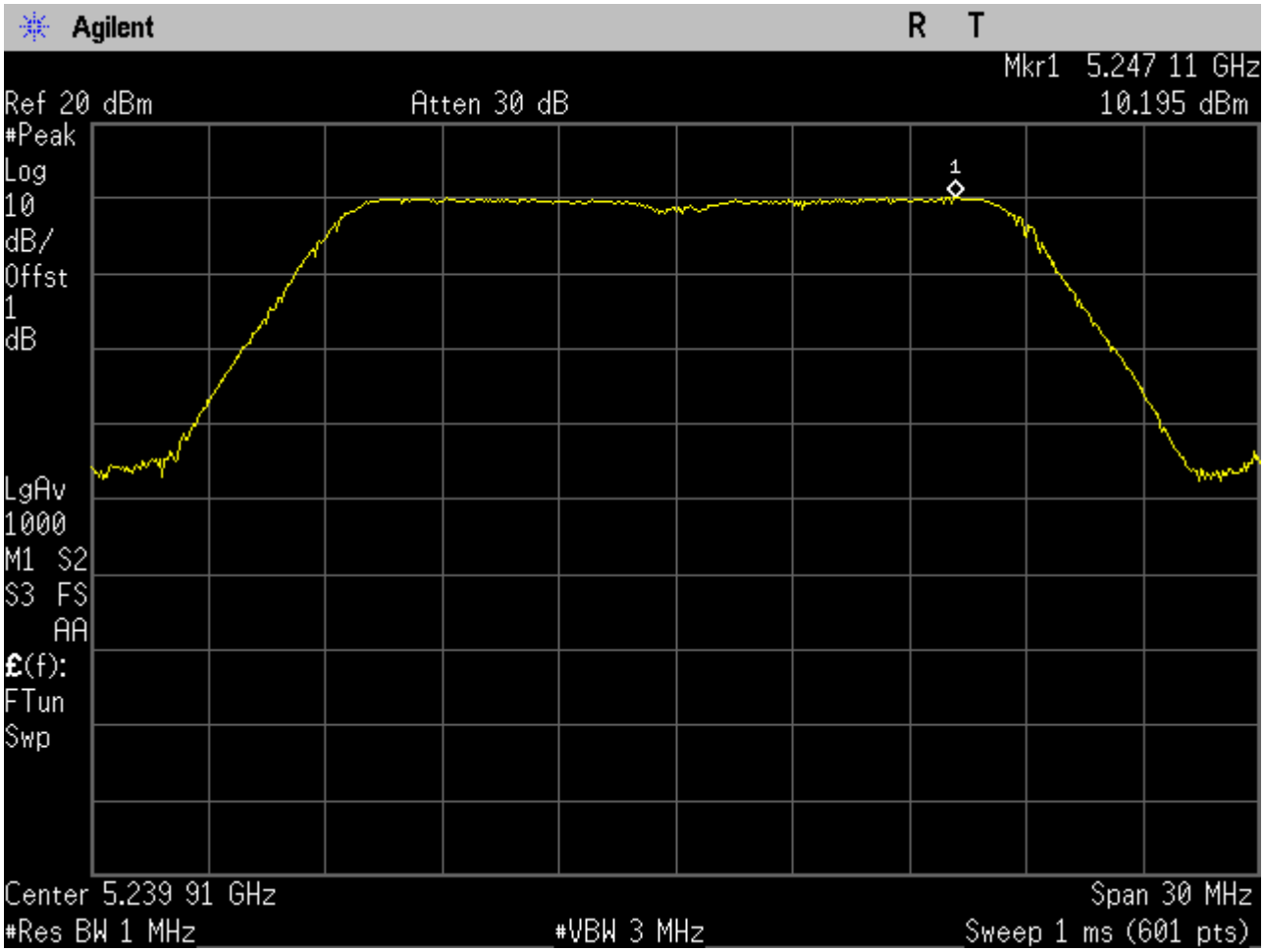
9.2611AC20_36



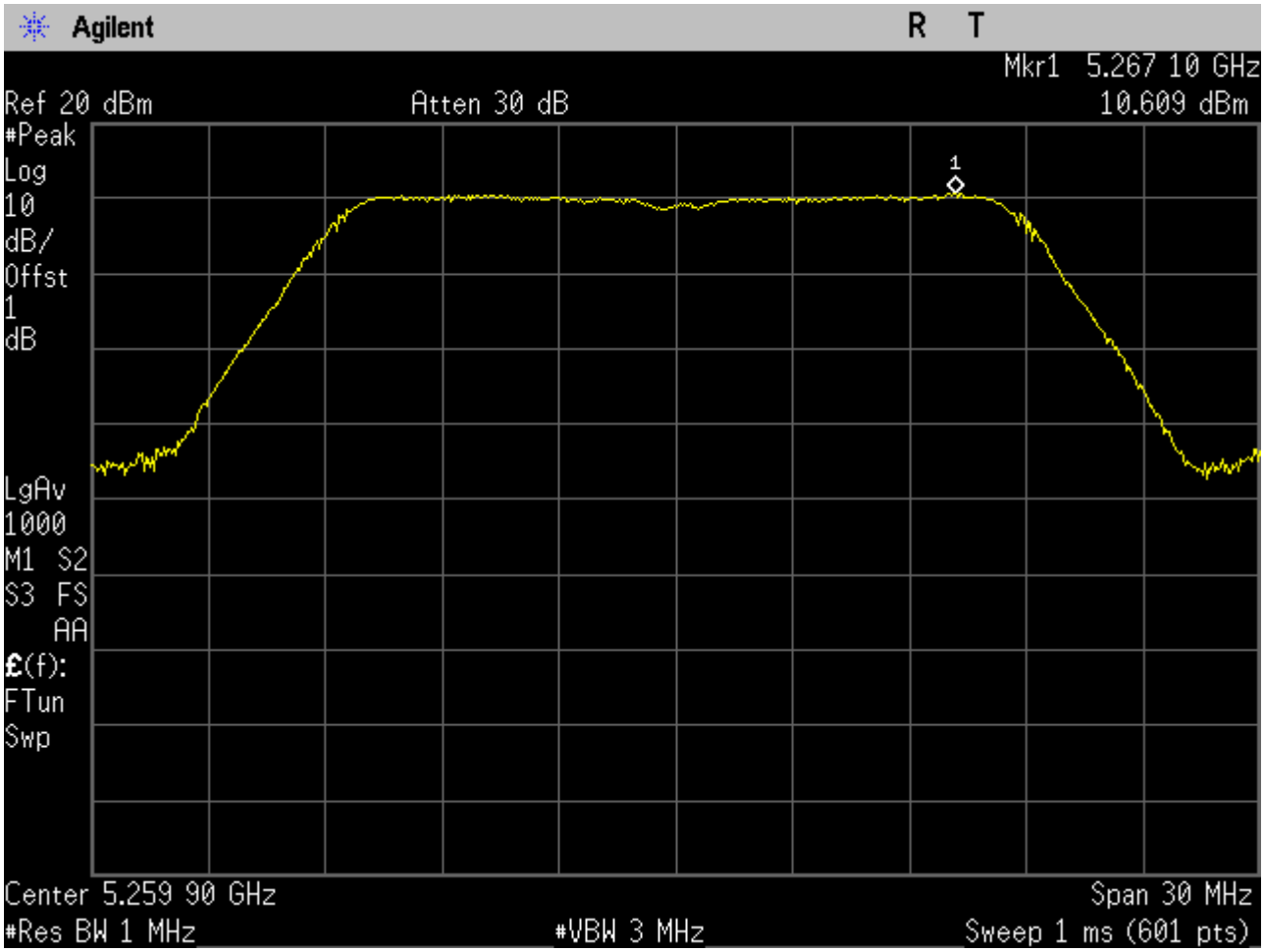
9.2711AC20_40



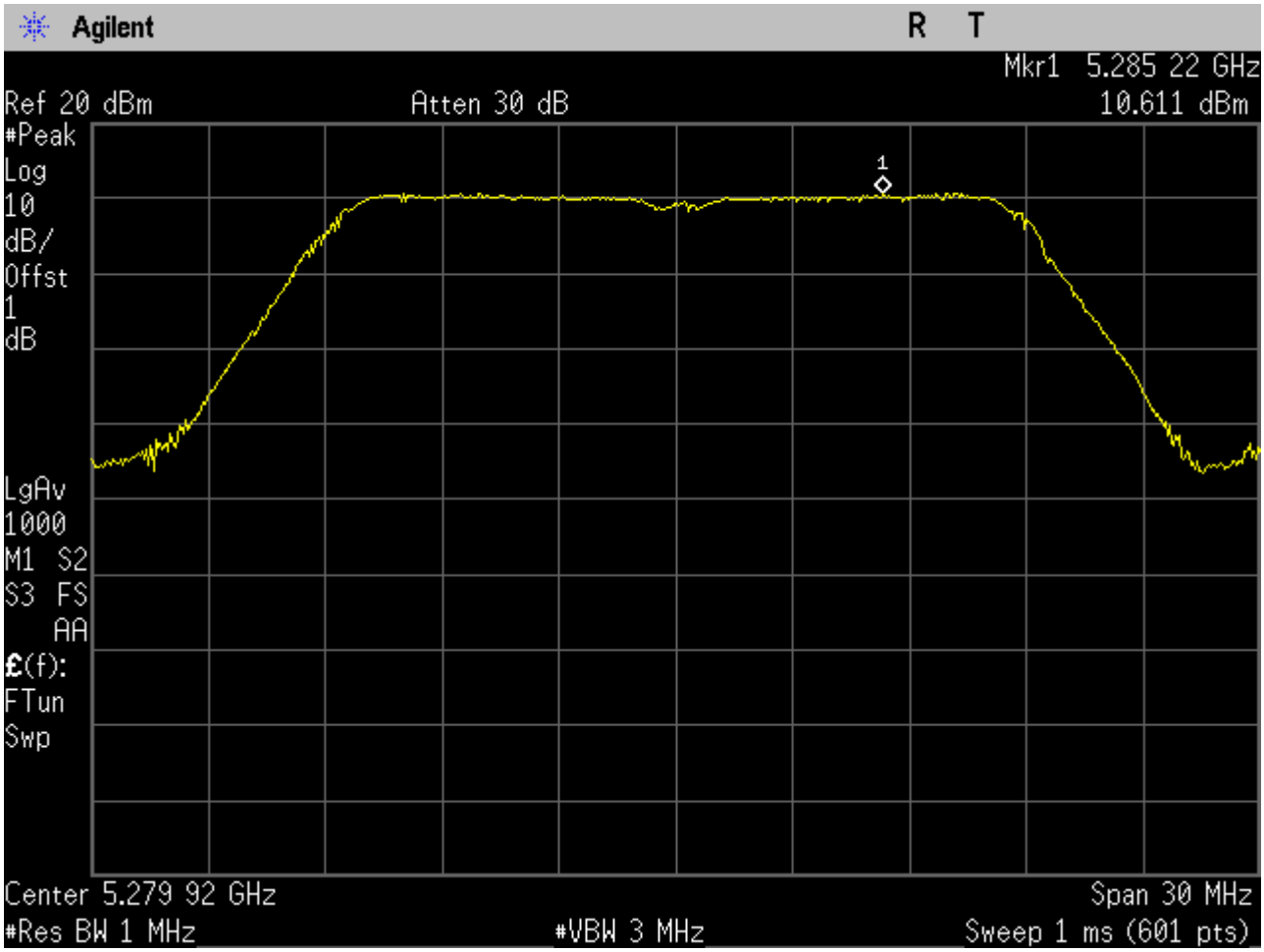
9.2811AC20_48



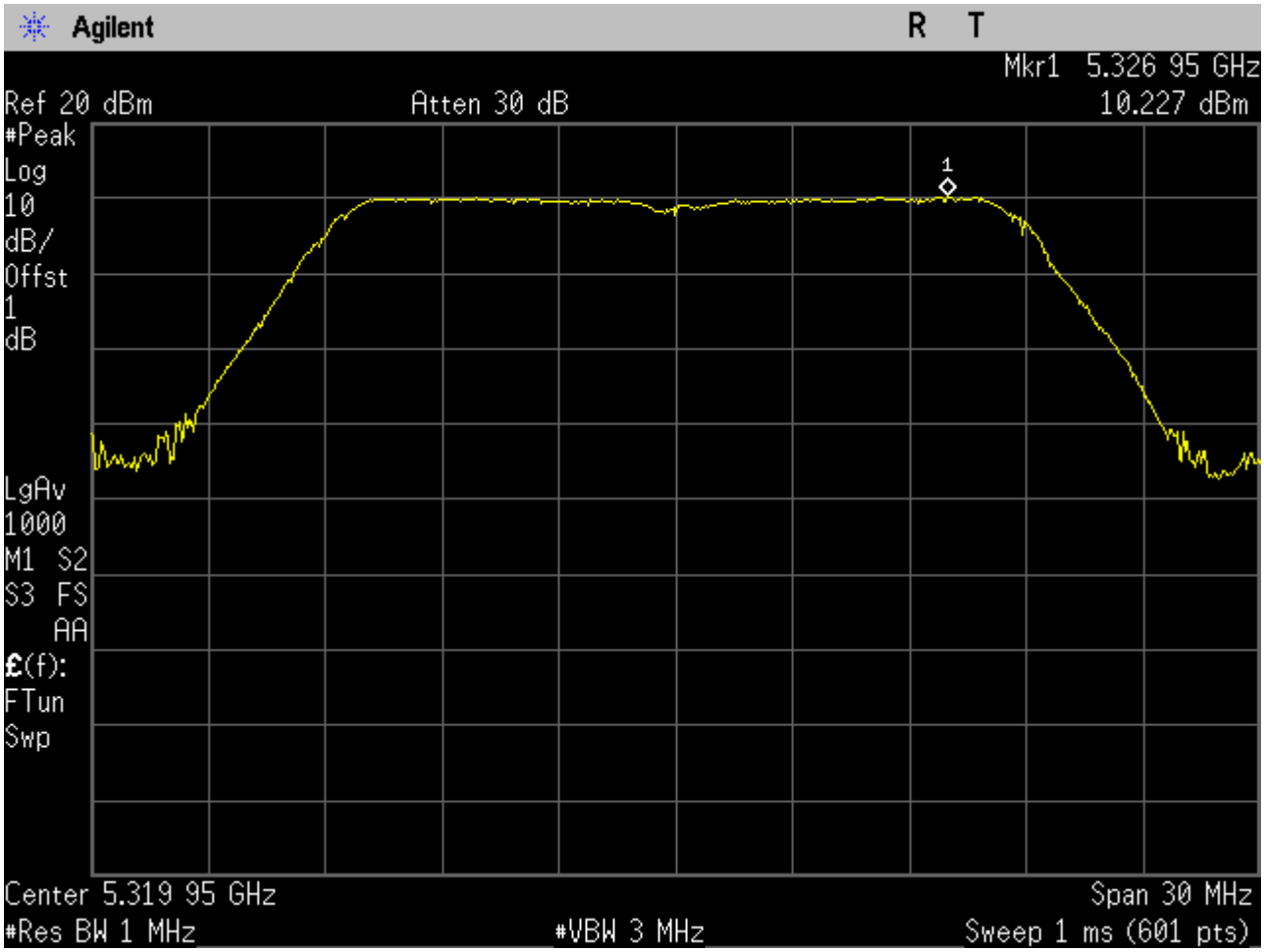
9.2911AC20_52



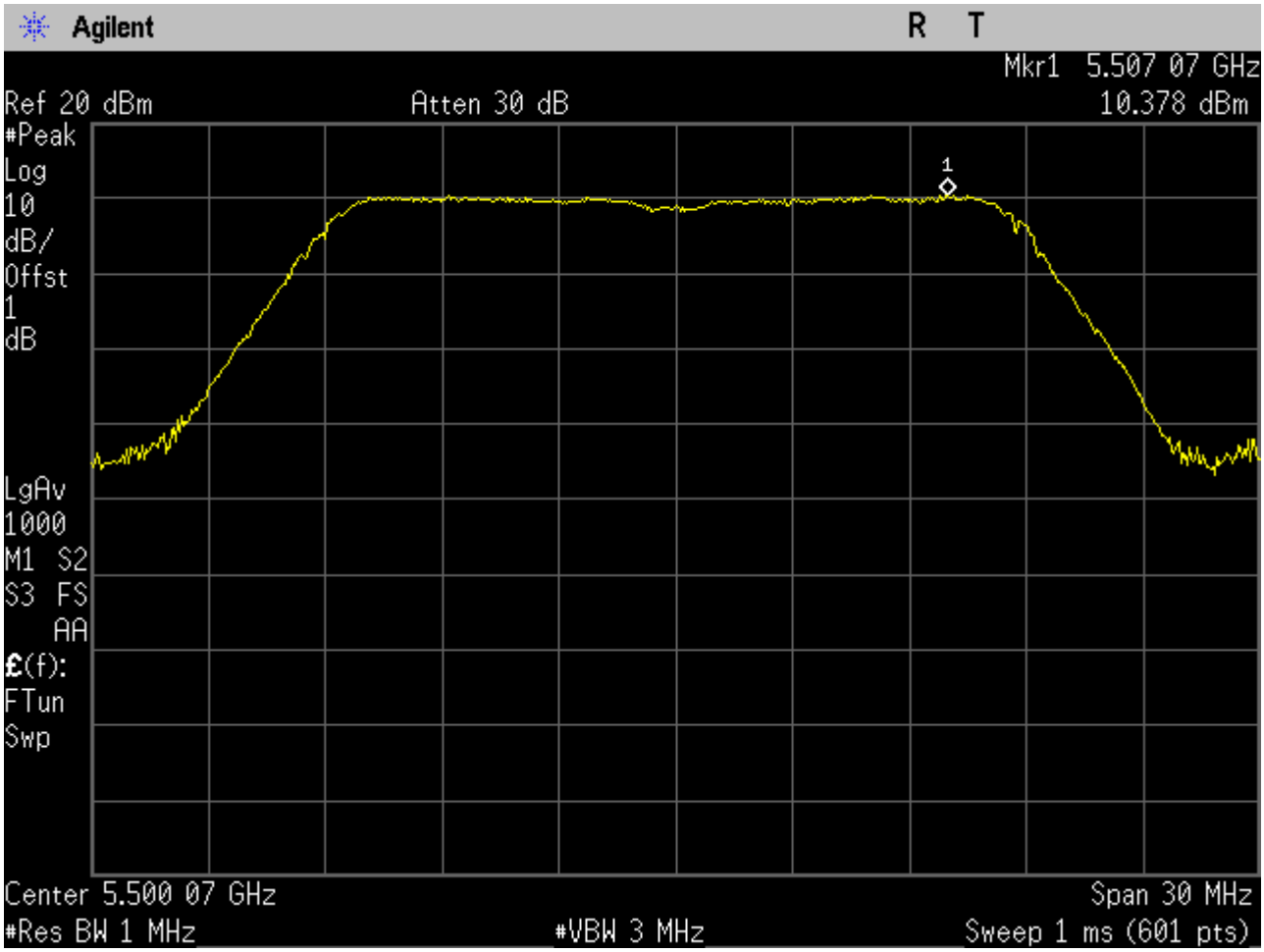
9.3011AC20_56



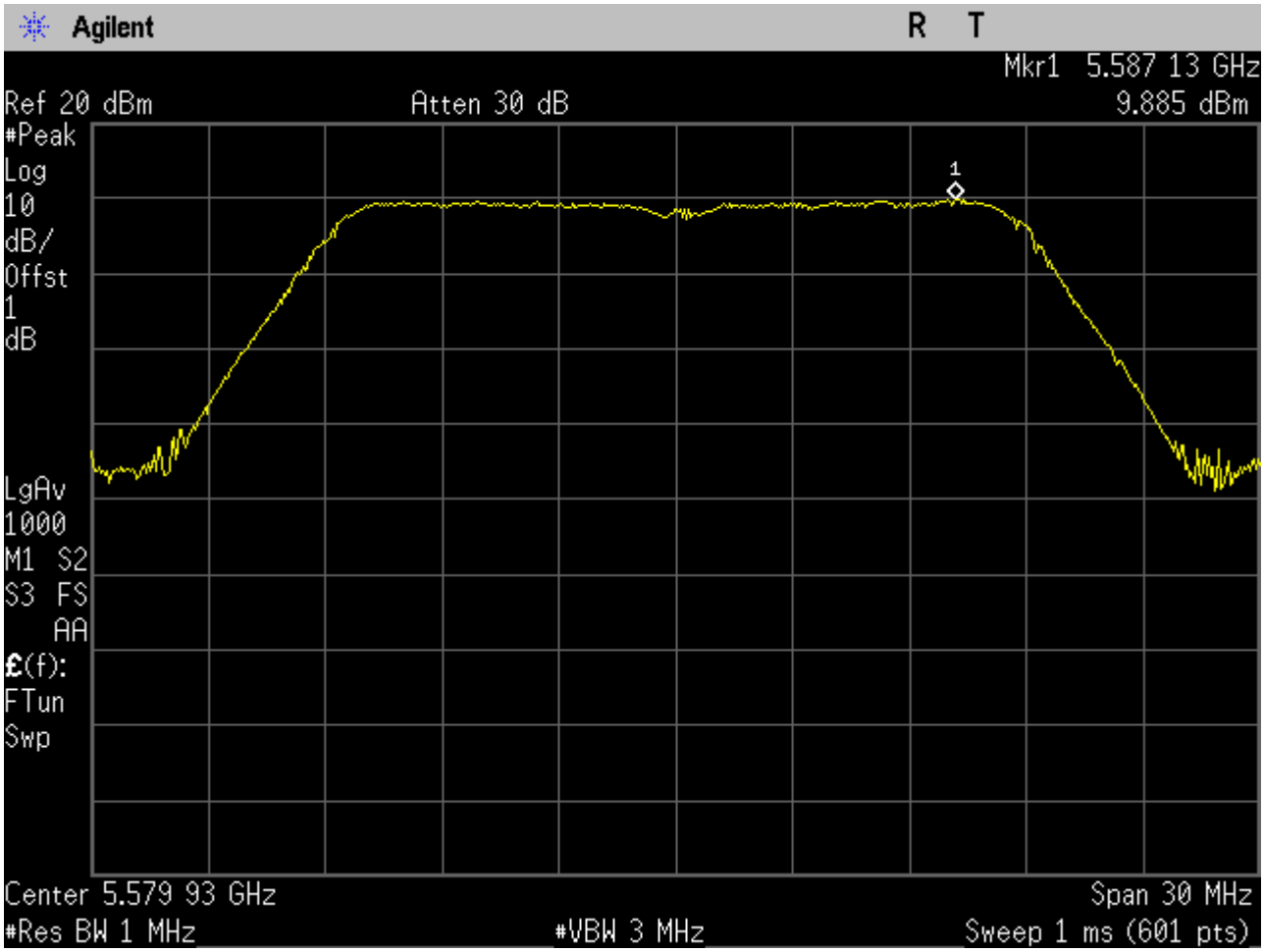
9.3111AC20_64



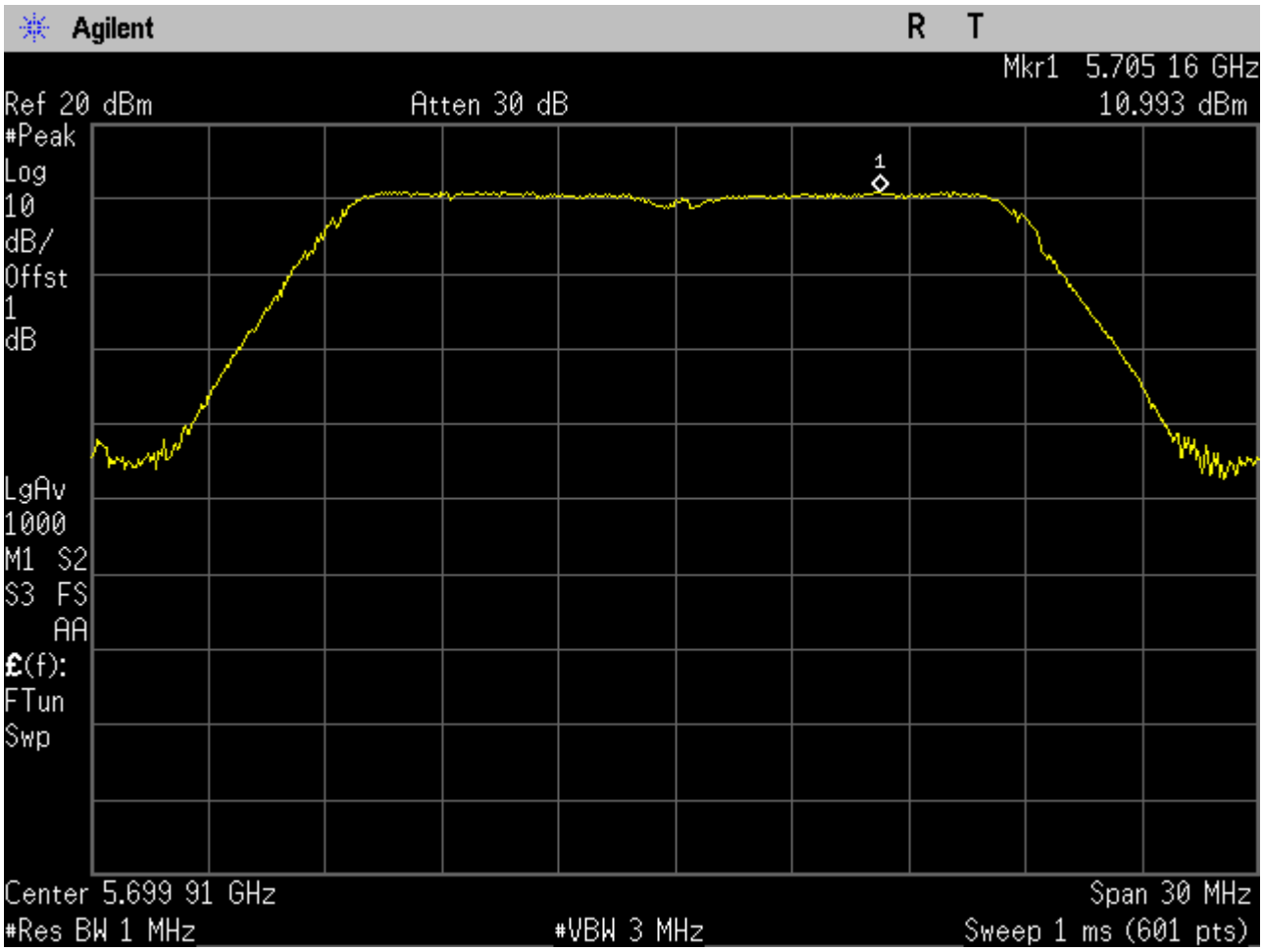
9.3211AC20_100



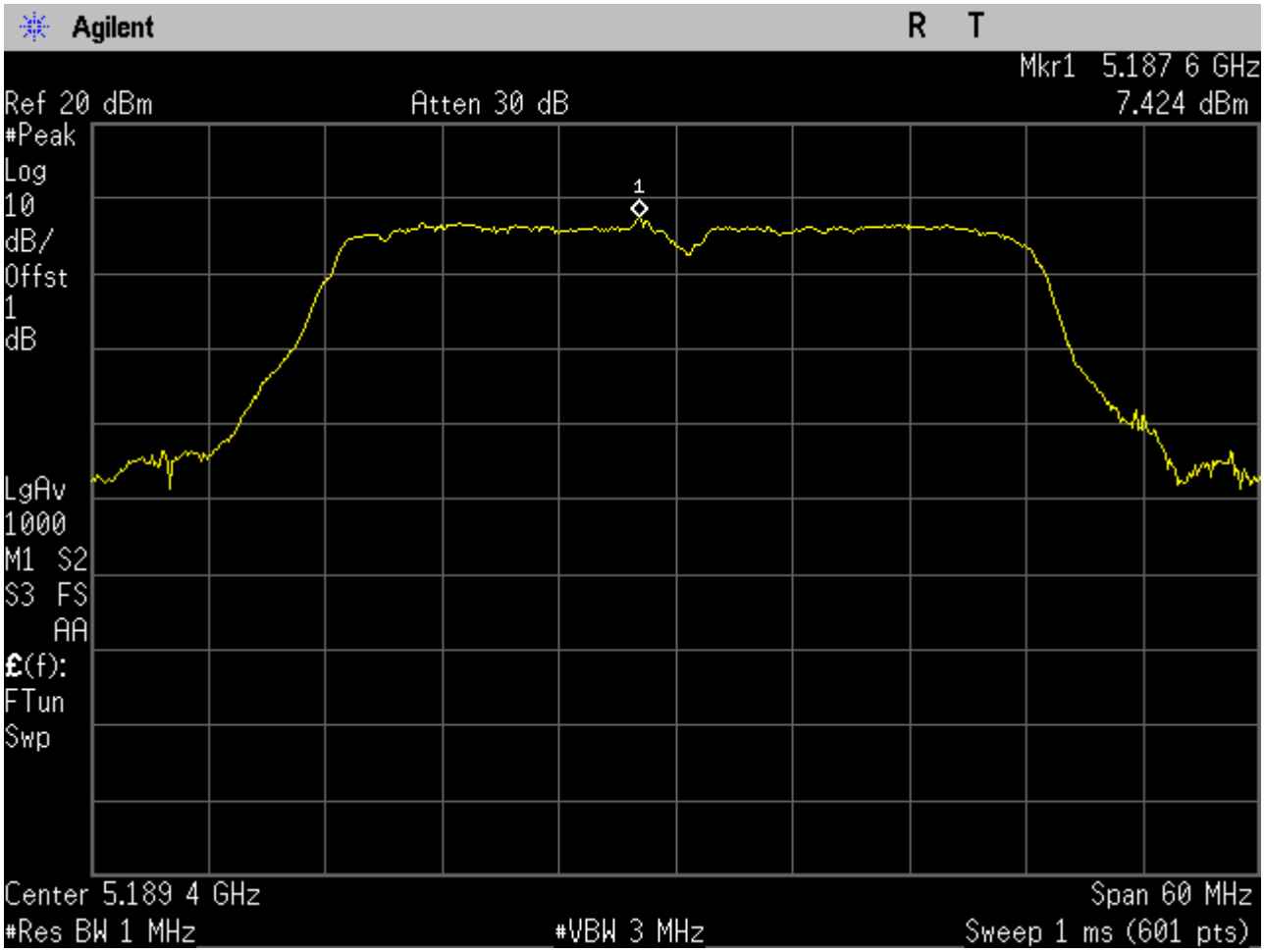
9.3311AC20_116



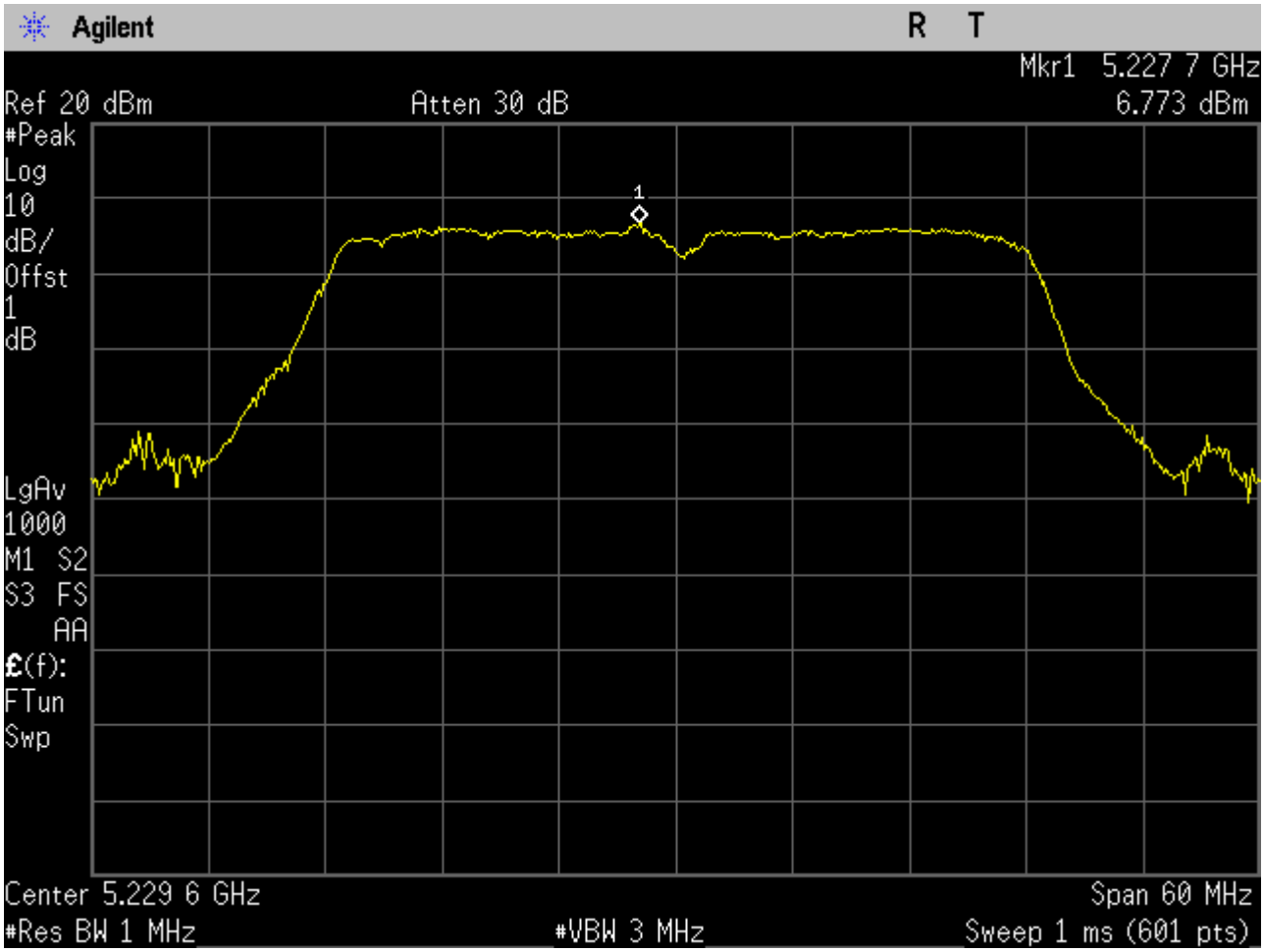
9.3411AC20_140



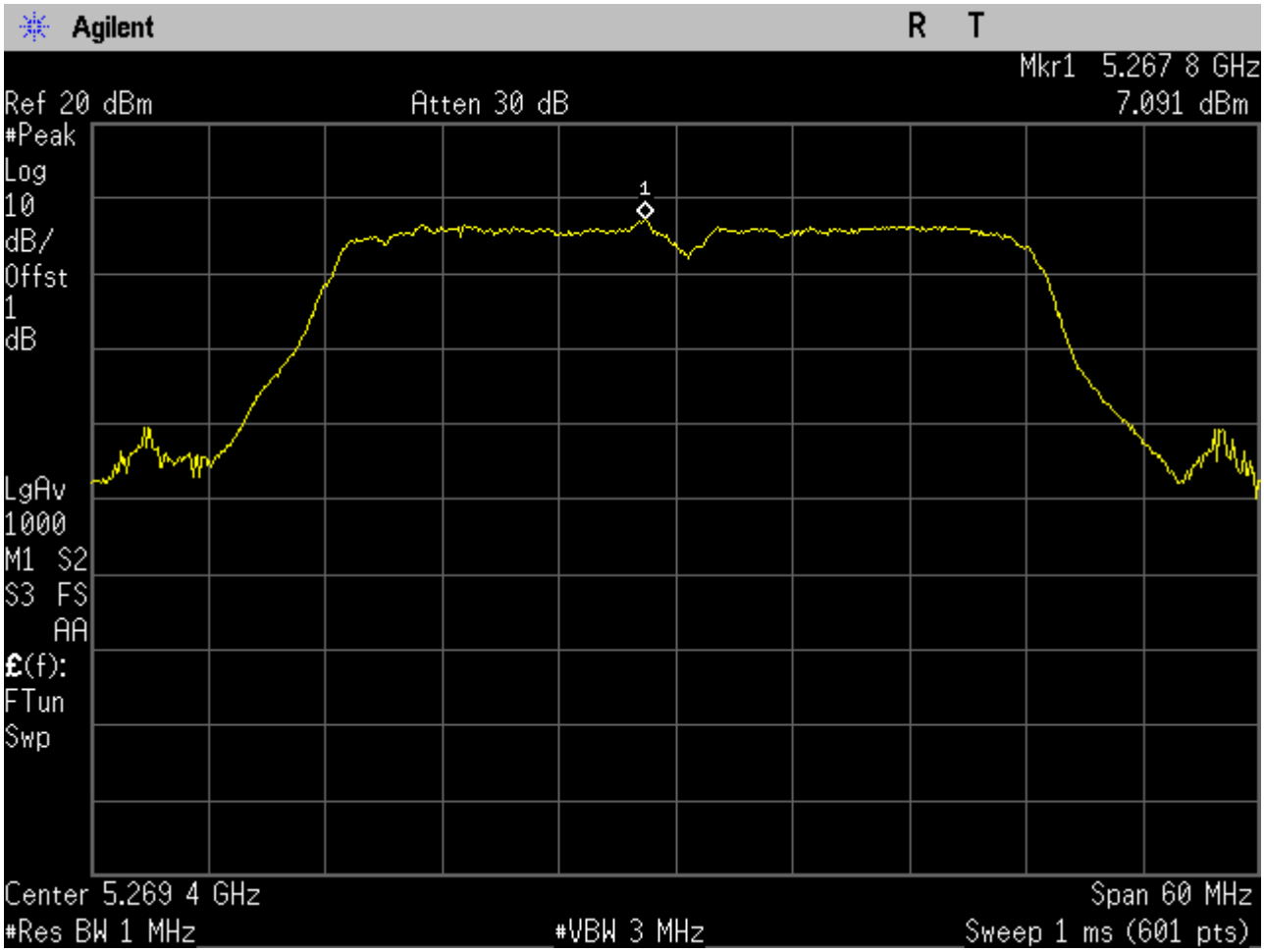
9.3511AC40_38



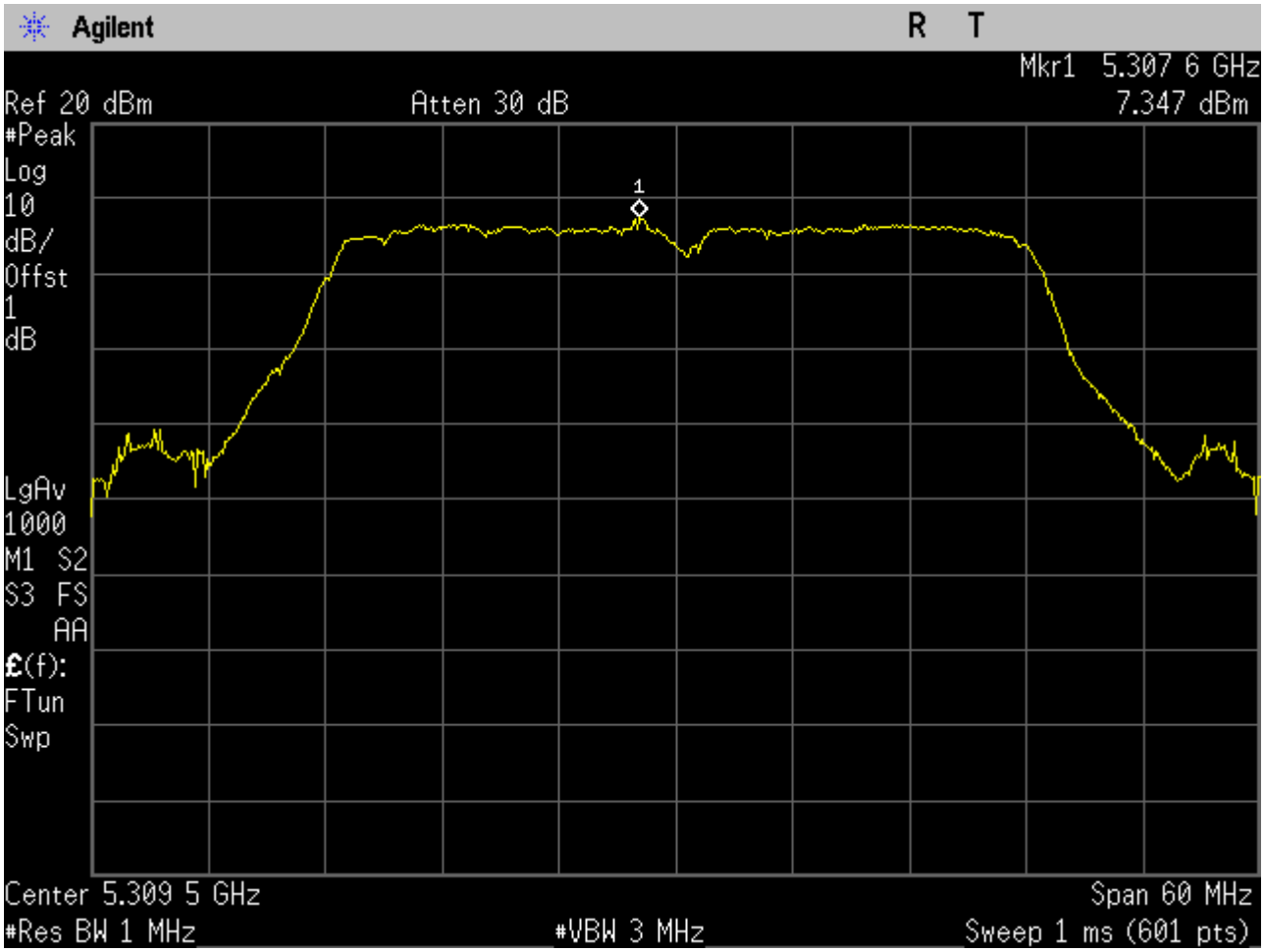
9.3611AC40_46



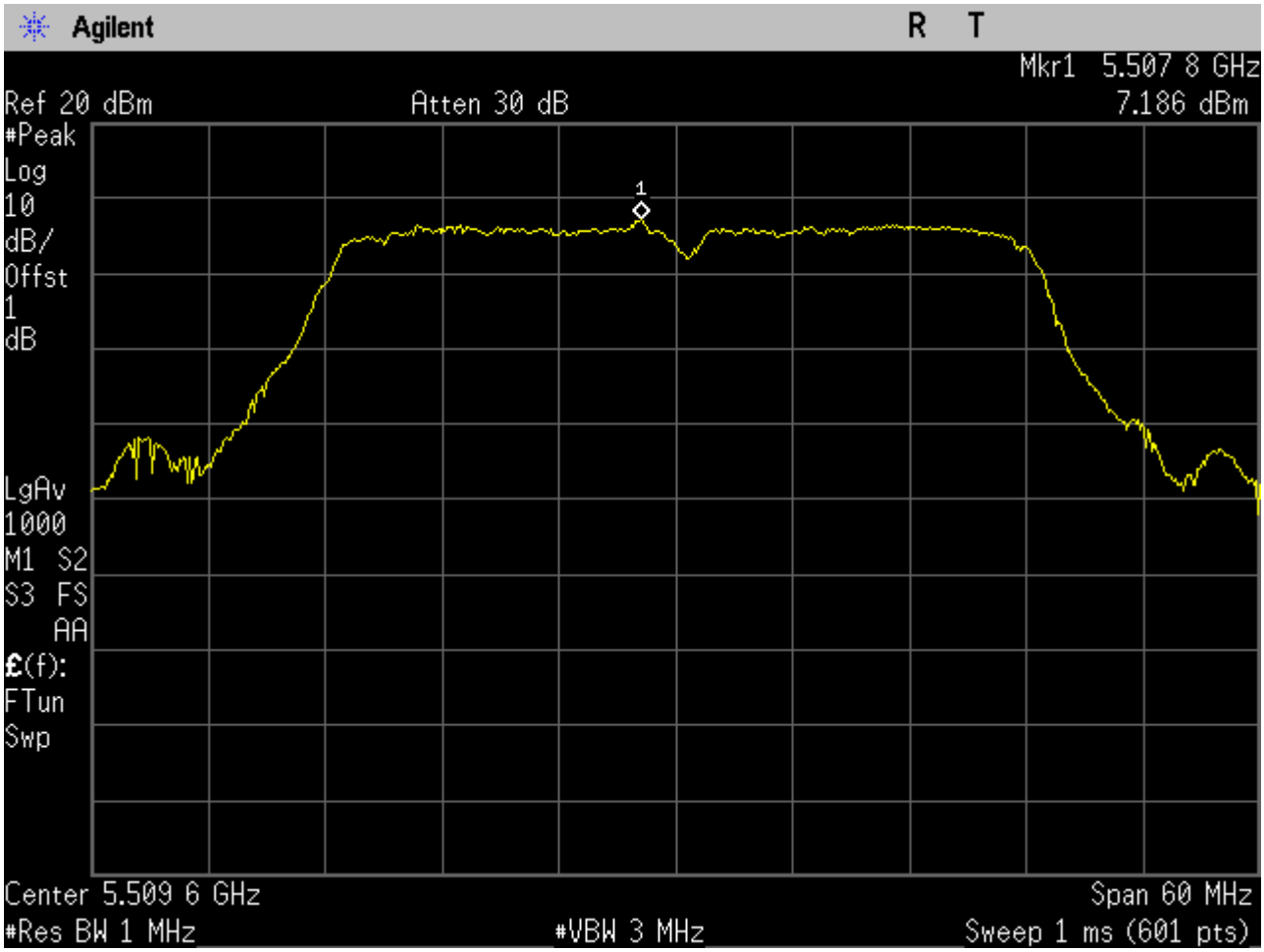
9.3711AC40_54



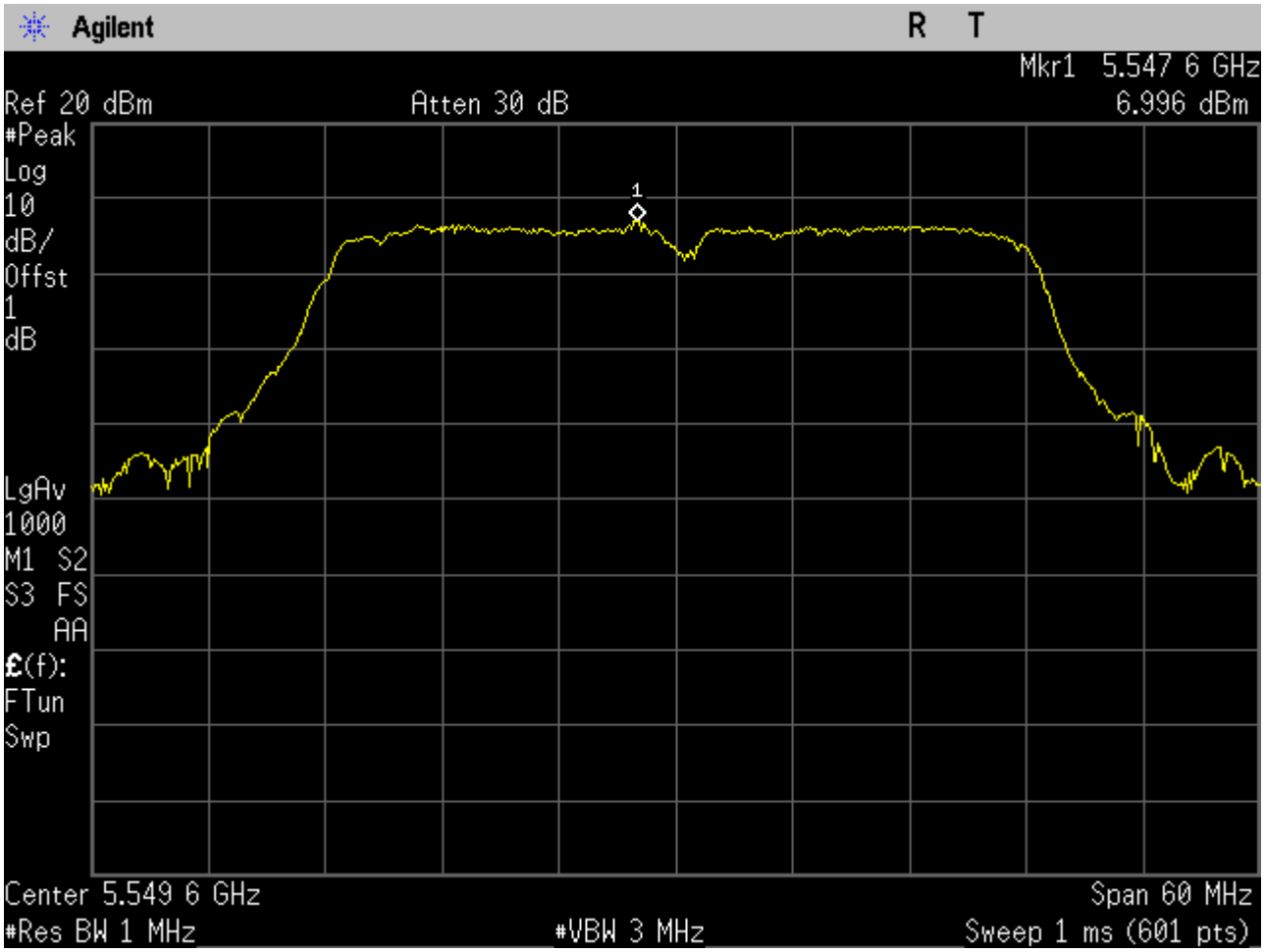
9.3811AC40_62



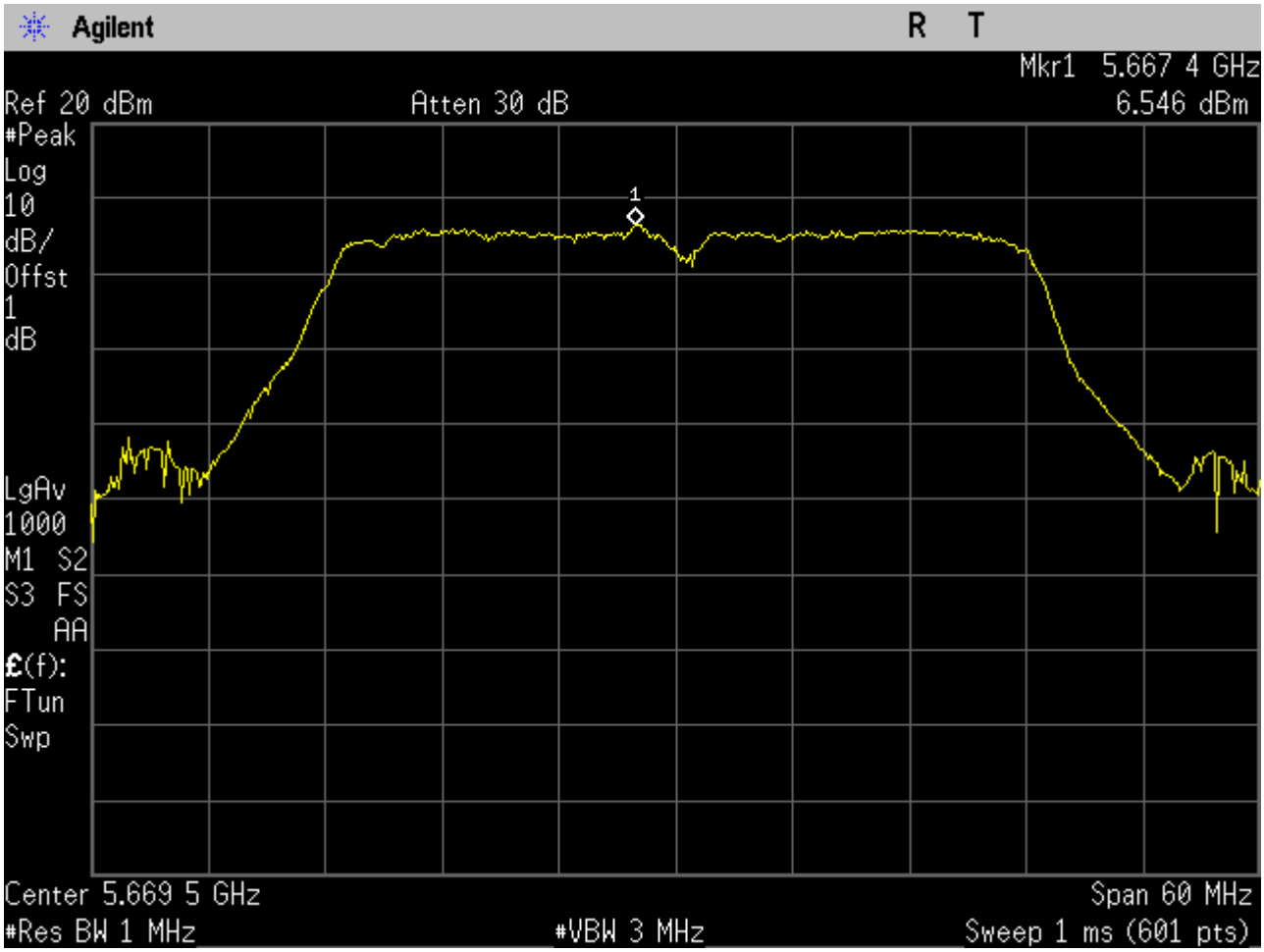
9.3911AC40_102



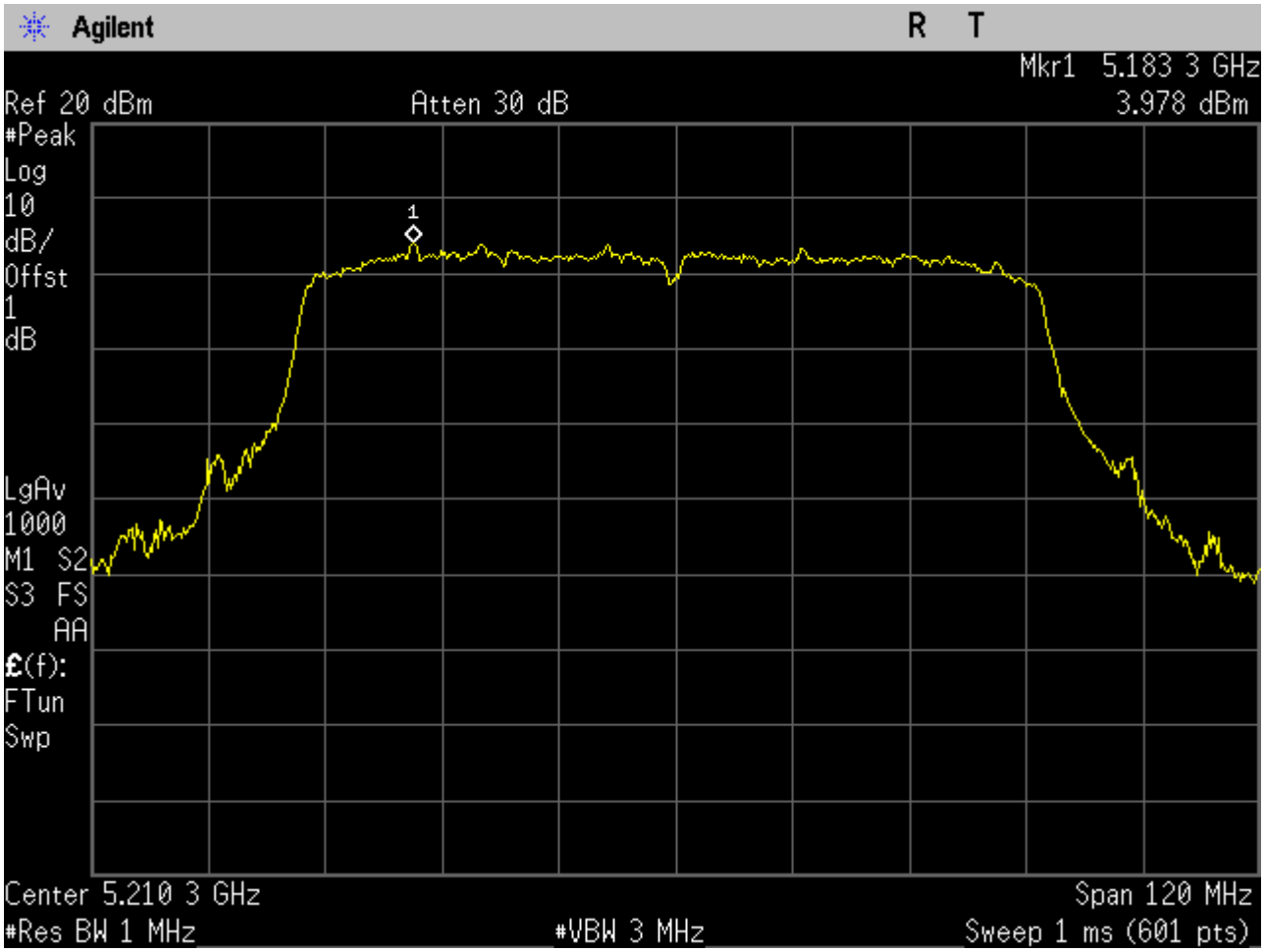
9.4011AC40_110



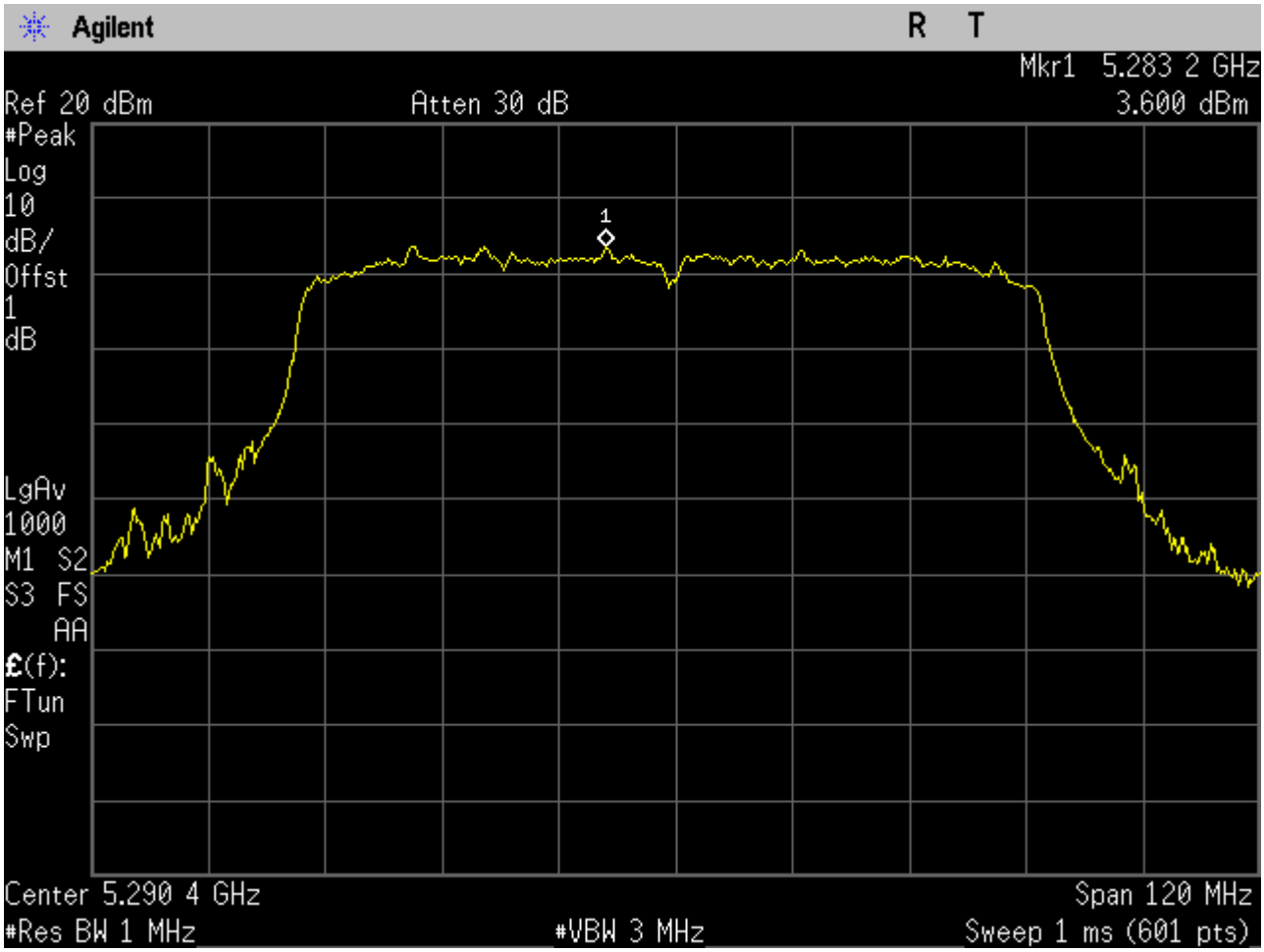
9.4111AC40_134



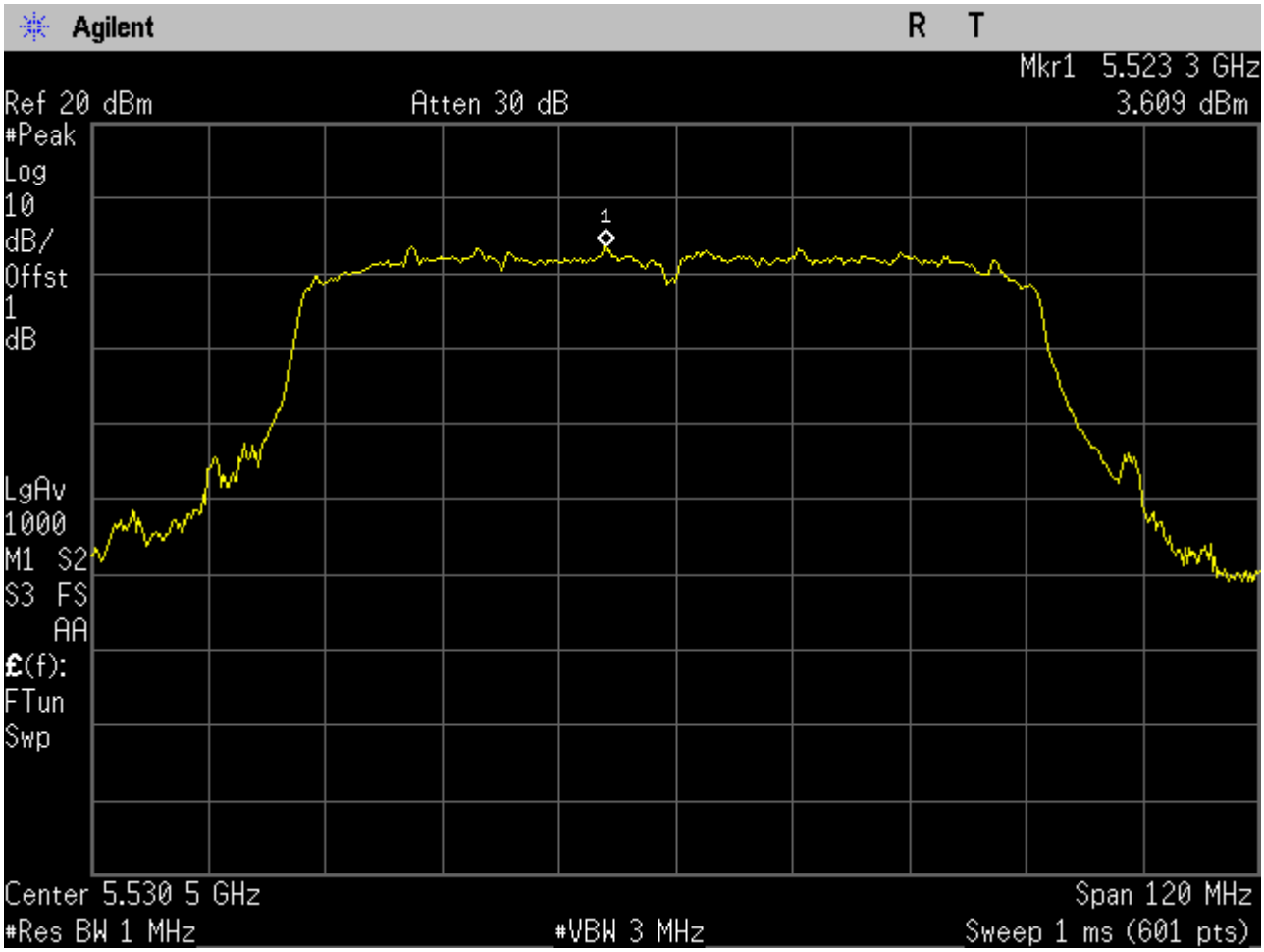
9.4211AC80_42



9.4311AC80_58

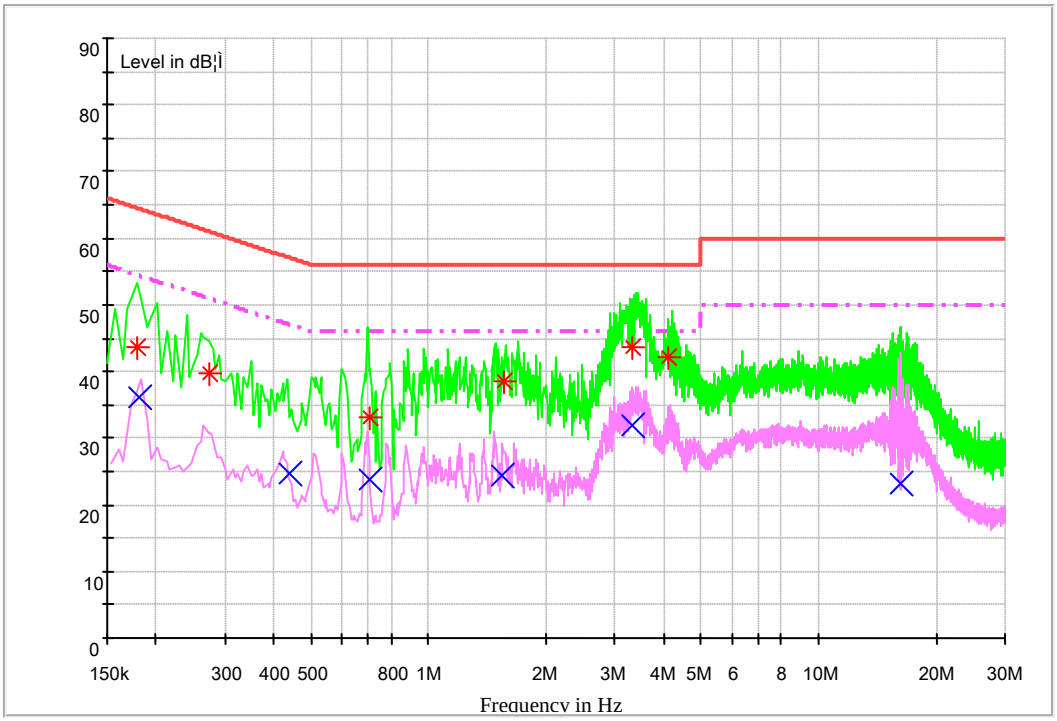


9.4411AC80_106



Appendix F: AC Power Line Conducted Emissions

Note: RBW =9 kHz, VBW = 30 kHz



MEASUREMENT RESULT: QP Detector

Frequency MHz	Level dBµV	Line	Transd dB	Margin dB	Limit dBµV	PE
0.178750	43.6	L1	9.7	20.9	64.5	FLO
0.275753	39.7	N	9.7	21.2	60.9	FLO
0.709747	33.1	N	9.7	22.9	56.0	FLO
1.557248	38.4	N	9.7	17.6	56.0	FLO
3.343080	43.5	N	9.7	12.5	56.0	FLO
4.134686	42.1	L1	9.8	13.9	56.0	FLO

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV	Line	Transd dB	Margin dB	Limit dBµV	PE
0.181235	36.1	L1	9.7	18.3	54.4	FLO
0.439800	24.8	N	9.7	22.3	47.1	FLO
0.704077	23.9	L1	9.7	22.1	46.0	FLO
1.542900	24.2	N	9.7	21.8	46.0	FLO
3.327859	31.9	N	9.7	14.1	46.0	FLO
16.161829	23.1	N	10.1	26.9	50.0	FLO

END