



Appendix U-III A: Emission Bandwidth

1 Result Table

Test Mode	Test Channel	Frequency[M Hz]	Ant	26dB Emission Bandwidth [MHz]	Verdict
11A	36	5180	Ant 1	22.12	pass
11A	36	5180	Ant 2	22.1	pass
11A	48	5240	Ant 1	22.18	pass
11A	48	5240	Ant 2	22.2	pass
11A	52	5260	Ant 1	22.42	pass
11A	52	5260	Ant 2	22.32	pass
11A	64	5320	Ant 1	22.22	pass
11A	64	5320	Ant 2	22.3	pass
11A	100	5500	Ant 1	22.18	pass
11A	100	5500	Ant 2	22.18	pass
11A	140	5700	Ant 1	22.52	pass
11A	140	5700	Ant 2	22.18	pass
11N20	36	5180	Ant 1	22.5	pass
11N20	36	5180	Ant 2	22.72	pass
11N20M	36	5180	Ant 1	22.42	pass
11N20M	36	5180	Ant 2	22.16	pass
11N20	48	5240	Ant 1	22.32	pass
11N20	48	5240	Ant 2	22.5	pass
11N20M	48	5240	Ant 1	22.12	pass
11N20M	48	5240	Ant 2	22.26	pass
11N20	52	5260	Ant 1	22.28	pass
11N20	52	5260	Ant 2	22.42	pass
11N20M	52	5260	Ant 1	22.14	pass
11N20M	52	5260	Ant 2	22.18	pass
11N20	64	5320	Ant 1	22.34	pass
11N20	64	5320	Ant 2	22.54	pass
11N20M	64	5320	Ant 1	22.16	pass
11N20M	64	5320	Ant 2	22.2	pass
11N20	100	5500	Ant 1	22.58	pass
11N20	100	5500	Ant 2	22.38	pass
11N20M	100	5500	Ant 1	22.14	pass
11N20M	100	5500	Ant 2	22.18	pass
11N20	140	5700	Ant 1	22.6	pass
11N20	140	5700	Ant 2	22.48	pass
11N20M	140	5700	Ant 1	22.28	pass
11N20M	140	5700	Ant 2	22.32	pass
11N40	38	5190	Ant 1	41.04	pass
11N40	38	5190	Ant 2	40.98	pass



11N40M	38	5190	Ant 1	40.44	pass
11N40M	38	5190	Ant 2	40.38	pass
11N40	46	5230	Ant 1	40.78	pass
11N40	46	5230	Ant 2	40.98	pass
11N40M	46	5230	Ant 1	40.56	pass
11N40M	46	5230	Ant 2	40.92	pass
11N40	54	5270	Ant 1	40.92	pass
11N40	54	5270	Ant 2	41.28	pass
11N40M	54	5270	Ant 1	40.5	pass
11N40M	54	5270	Ant 2	40.44	pass
11N40	62	5310	Ant 1	40.68	pass
11N40	62	5310	Ant 2	41.3	pass
11N40M	62	5310	Ant 1	40.52	pass
11N40M	62	5310	Ant 2	40.88	pass
11N40	102	5510	Ant 1	40.96	pass
11N40	102	5510	Ant 2	40.74	pass
11N40M	102	5510	Ant 1	40.5	pass
11N40M	102	5510	Ant 2	40.68	pass
11N40	134	5670	Ant 1	40.38	pass
11N40	134	5670	Ant 2	41.18	pass
11N40M	134	5670	Ant 1	40.86	pass
11N40M	134	5670	Ant 2	41.02	pass
11AC20	36	5180	Ant 1	22.42	pass
11AC20	36	5180	Ant 2	22.14	pass
11AC20M	36	5180	Ant 1	22.34	pass
11AC20M	36	5180	Ant 2	22.26	pass
11AC20	48	5240	Ant 1	22.36	pass
11AC20	48	5240	Ant 2	22.52	pass
11AC20M	48	5240	Ant 1	22.42	pass
11AC20M	48	5240	Ant 2	22.54	pass
11AC20	52	5260	Ant 1	22.6	pass
11AC20	52	5260	Ant 2	22.5	pass
11AC20M	52	5260	Ant 1	22.4	pass
11AC20M	52	5260	Ant 2	22.3	pass
11AC20	64	5320	Ant 1	22.56	pass
11AC20	64	5320	Ant 2	22.36	pass
11AC20M	64	5320	Ant 1	22.2	pass
11AC20M	64	5320	Ant 2	22.26	pass
11AC20	100	5500	Ant 1	22.46	pass
11AC20	100	5500	Ant 2	22.4	pass
11AC20M	100	5500	Ant 1	22.22	pass
11AC20M	100	5500	Ant 2	22.18	pass
11AC20	140	5700	Ant 1	22.36	pass



11AC20	140	5700	Ant 2	22.46	pass
11AC20M	140	5700	Ant 1	22.36	pass
11AC20M	140	5700	Ant 2	22.42	pass
11AC40	38	5190	Ant 1	41.18	pass
11AC40	38	5190	Ant 2	41.34	pass
11AC40M	38	5190	Ant 1	40.96	pass
11AC40M	38	5190	Ant 2	40.9	pass
11AC40	46	5230	Ant 1	41.12	pass
11AC40	46	5230	Ant 2	41.12	pass
11AC40M	46	5230	Ant 1	40.54	pass
11AC40M	46	5230	Ant 2	40.50	pass
11AC40	54	5270	Ant 1	40.42	pass
11AC40	54	5270	Ant 2	41.44	pass
11AC40M	54	5270	Ant 1	40.82	pass
11AC40M	54	5270	Ant 2	40.82	pass
11AC40	62	5310	Ant 1	40.82	pass
11AC40	62	5310	Ant 2	40.9	pass
11AC40M	62	5310	Ant 1	40.94	pass
11AC40M	62	5310	Ant 2	40.56	pass
11AC40	102	5510	Ant 1	41.88	pass
11AC40	102	5510	Ant 2	41.04	pass
11AC40M	102	5510	Ant 1	40.84	pass
11AC40M	102	5510	Ant 2	40.78	pass
11AC40	134	5670	Ant 1	42.88	pass
11AC40	134	5670	Ant 2	41.02	pass
11AC40M	134	5670	Ant 1	41.14	pass
11AC40M	134	5670	Ant 2	41.74	pass
11AC80	42	5210	Ant 1	82.72	pass
11AC80	42	5210	Ant 2	83.04	pass
11AC80	58	5290	Ant 1	83.25	pass
11AC80	58	5290	Ant 2	83.41	pass
11AC80	106	5530	Ant 1	83.47	pass
11AC80	106	5530	Ant 2	83.15	pass
11AC80M	42	5210	Ant 1	83.04	pass
11AC80M	42	5210	Ant 2	82.56	pass
11AC80M	58	5290	Ant 1	83.2	pass
11AC80M	58	5290	Ant 2	82.67	pass
11AC80M	106	5530	Ant 1	83.47	pass
11AC80M	106	5530	Ant 2	82.45	pass

Test Mode	Test Channel	Frequency[M Hz]	Ant	Occupied Bandwidth [MHz]	Verdict
11A	36	5180	Ant 1	17.4	pass
11A	36	5180	Ant 2	17.4	pass
11A	48	5240	Ant 1	17.42	pass
11A	48	5240	Ant 2	17.4	pass
11A	52	5260	Ant 1	17.4	pass
11A	52	5260	Ant 2	17.4	pass
11A	64	5320	Ant 1	17.42	pass
11A	64	5320	Ant 2	17.4	pass
11A	100	5500	Ant 1	17.42	pass
11A	100	5500	Ant 2	17.46	pass
11A	140	5700	Ant 1	17.42	pass
11A	140	5700	Ant 2	17.42	pass
11N20	36	5180	Ant 1	18.38	pass
11N20	36	5180	Ant 2	18.34	pass
11N20M	36	5180	Ant 1	18.2	pass
11N20M	36	5180	Ant 2	18.2	pass
11N20	48	5240	Ant 1	18.36	pass
11N20	48	5240	Ant 2	18.36	pass
11N20M	48	5240	Ant 1	18.2	pass
11N20M	48	5240	Ant 2	18.2	pass
11N20	52	5260	Ant 1	18.36	pass
11N20	52	5260	Ant 2	18.36	pass
11N20M	52	5260	Ant 1	18.18	pass
11N20M	52	5260	Ant 2	18.18	pass
11N20	64	5320	Ant 1	18.36	pass
11N20	64	5320	Ant 2	18.36	pass
11N20M	64	5320	Ant 1	18.22	pass
11N20M	64	5320	Ant 2	18.18	pass
11N20	100	5500	Ant 1	18.38	pass
11N20	100	5500	Ant 2	18.34	pass
11N20M	100	5500	Ant 1	18.2	pass
11N20M	100	5500	Ant 2	18.2	pass
11N20	140	5700	Ant 1	18.38	pass
11N20	140	5700	Ant 2	18.36	pass
11N20M	140	5700	Ant 1	18.18	pass
11N20M	140	5700	Ant 2	18.2	pass
11N40	38	5190	Ant 1	36.54	pass
11N40	38	5190	Ant 2	36.56	pass
11N40M	38	5190	Ant 1	36.46	pass



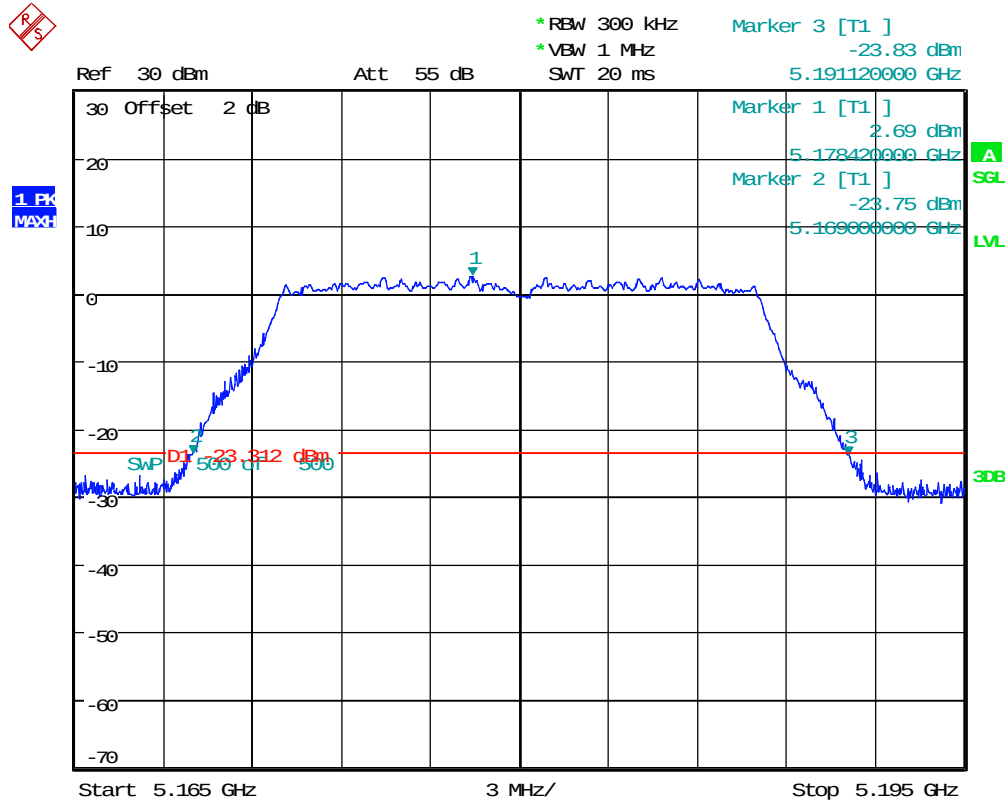
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11N40M	46	5230	Ant 2	36.44	pass
11N40	54	5270	Ant 1	36.54	pass
11N40	54	5270	Ant 2	36.56	pass
11N40M	54	5270	Ant 1	36.42	pass
11N40M	54	5270	Ant 2	36.46	pass
11N40	62	5310	Ant 1	36.52	pass
11N40	62	5310	Ant 2	36.52	pass
11N40M	62	5310	Ant 1	36.42	pass
11N40M	62	5310	Ant 2	36.42	pass
11N40	102	5510	Ant 1	36.54	pass
11N40	102	5510	Ant 2	36.54	pass
11N40M	102	5510	Ant 1	36.44	pass
11N40M	102	5510	Ant 2	36.42	pass
11N40	134	5670	Ant 1	36.56	pass
11N40	134	5670	Ant 2	36.54	pass
11N40M	134	5670	Ant 1	36.48	pass
11N40M	134	5670	Ant 2	36.44	pass
11AC20	36	5180	Ant 1	18.36	pass
11AC20	36	5180	Ant 2	18.36	pass
11AC20M	36	5180	Ant 1	18.2	pass
11AC20M	36	5180	Ant 2	18.18	pass
11AC20	48	5240	Ant 1	18.36	pass
11AC20	48	5240	Ant 2	18.38	pass
11AC20M	48	5240	Ant 1	18.16	pass
11AC20M	48	5240	Ant 2	18.2	pass
11AC20	52	5260	Ant 1	18.36	pass
11AC20	52	5260	Ant 2	18.32	pass
11AC20M	52	5260	Ant 1	18.18	pass
11AC20M	52	5260	Ant 2	18.22	pass
11AC20	64	5320	Ant 1	18.36	pass
11AC20	64	5320	Ant 2	18.36	pass
11AC20M	64	5320	Ant 1	18.22	pass
11AC20M	64	5320	Ant 2	18.2	pass
11AC20	100	5500	Ant 1	18.38	pass
11AC20	100	5500	Ant 2	18.38	pass
11AC20M	100	5500	Ant 1	18.2	pass
11AC20M	100	5500	Ant 2	18.2	pass
11AC20	140	5700	Ant 1	18.36	pass
11AC20	140	5700	Ant 2	18.38	pass
11AC20M	140	5700	Ant 1	18.18	pass
11AC20M	140	5700	Ant 2	18.22	pass



11AC40	38	5190	Ant 1	36.56	pass
11AC40	38	5190	Ant 2	36.56	pass
11AC40M	38	5190	Ant 1	36.48	pass
11AC40M	38	5190	Ant 2	36.46	pass
11AC40	46	5230	Ant 1	36.52	pass
11AC40	46	5230	Ant 2	36.56	pass
11AC40M	46	5230	Ant 1	36.44	pass
11AC40M	46	5230	Ant 2	36.44	pass
11AC40	54	5270	Ant 1	36.54	pass
11AC40	54	5270	Ant 2	36.58	pass
11AC40M	54	5270	Ant 1	36.44	pass
11AC40M	54	5270	Ant 2	36.48	pass
11AC40	62	5310	Ant 1	36.56	pass
11AC40	62	5310	Ant 2	36.56	pass
11AC40M	62	5310	Ant 1	36.44	pass
11AC40M	62	5310	Ant 2	36.42	pass
11AC40	102	5510	Ant 1	36.54	pass
11AC40	102	5510	Ant 2	36.54	pass
11AC40M	102	5510	Ant 1	36.44	pass
11AC40M	102	5510	Ant 2	36.46	pass
11AC40	134	5670	Ant 1	36.54	pass
11AC40	134	5670	Ant 2	36.56	pass
11AC40M	134	5670	Ant 1	36.46	pass
11AC40M	134	5670	Ant 2	36.46	pass
11AC80	42	5210	Ant 1	75.88	pass
11AC80	42	5210	Ant 2	75.88	pass
11AC80	58	5290	Ant 1	76	pass
11AC80	58	5290	Ant 2	76.04	pass
11AC80	106	5530	Ant 1	76	pass
11AC80	106	5530	Ant 2	76.04	pass
11AC80M	42	5210	Ant 1	75.88	pass
11AC80M	42	5210	Ant 2	75.96	pass
11AC80M	58	5290	Ant 1	76	pass
11AC80M	58	5290	Ant 2	76.2	pass
11AC80M	106	5530	Ant 1	75.88	pass
11AC80M	106	5530	Ant 2	76.08	pass

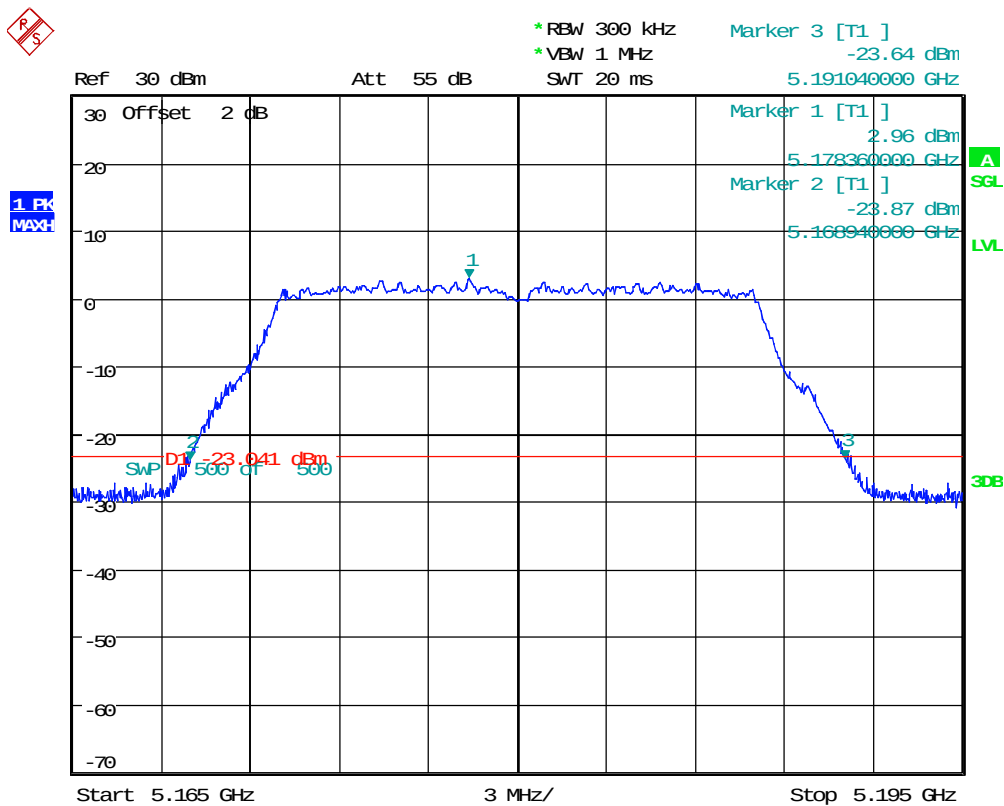
2 Test Plot

2.1 11A_36 Ant 1



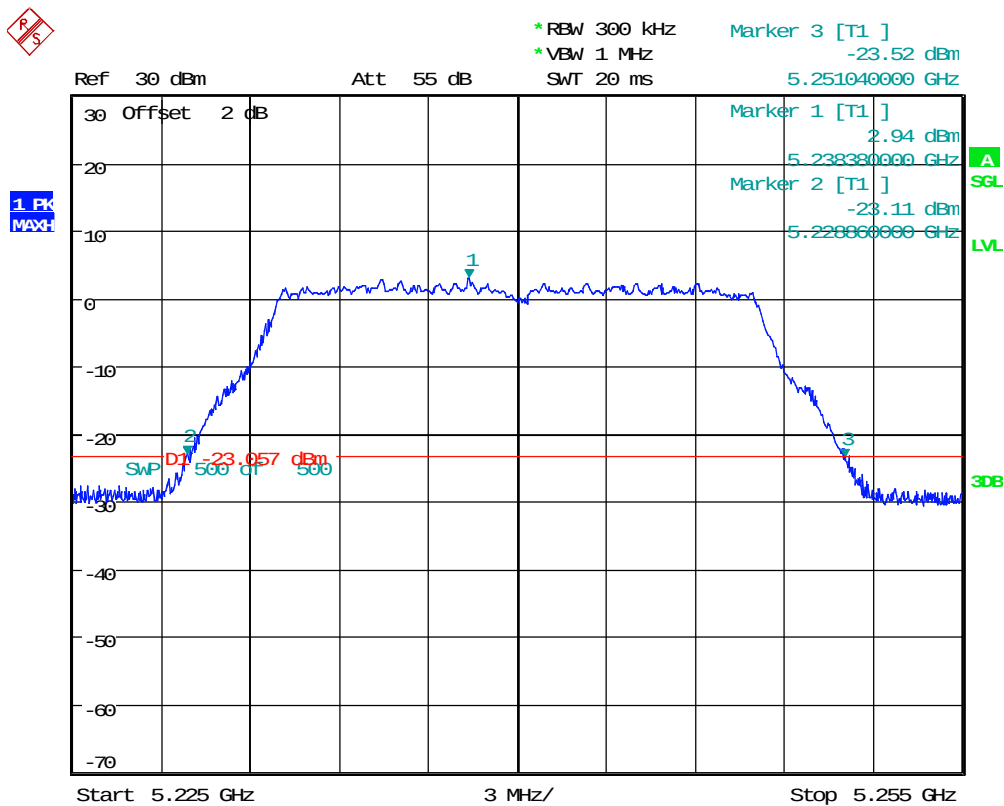
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2.2 11A_36 Ant 2



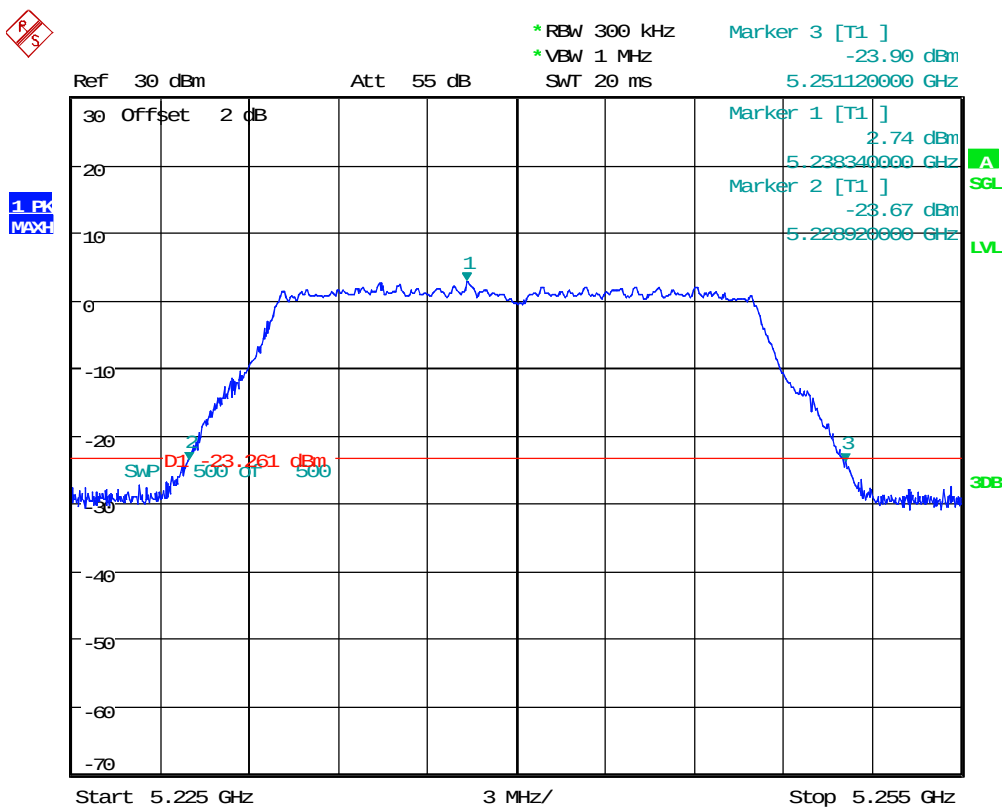
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2.3 11A_48 Ant 1



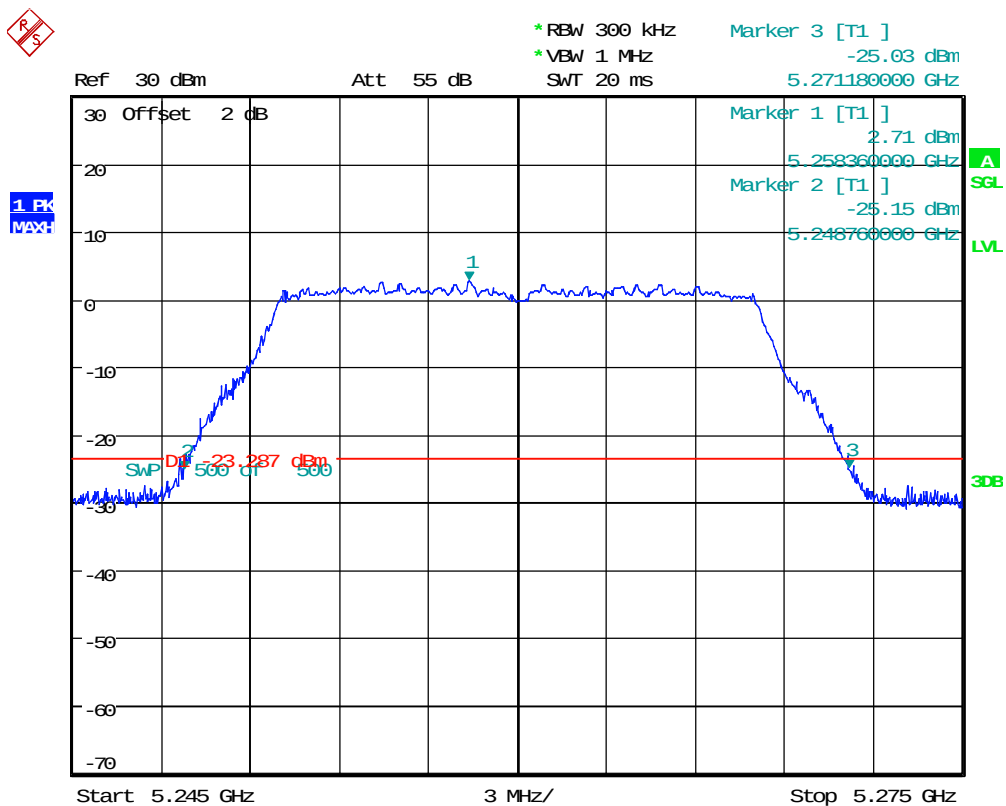
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2.4 11A_48 Ant 2



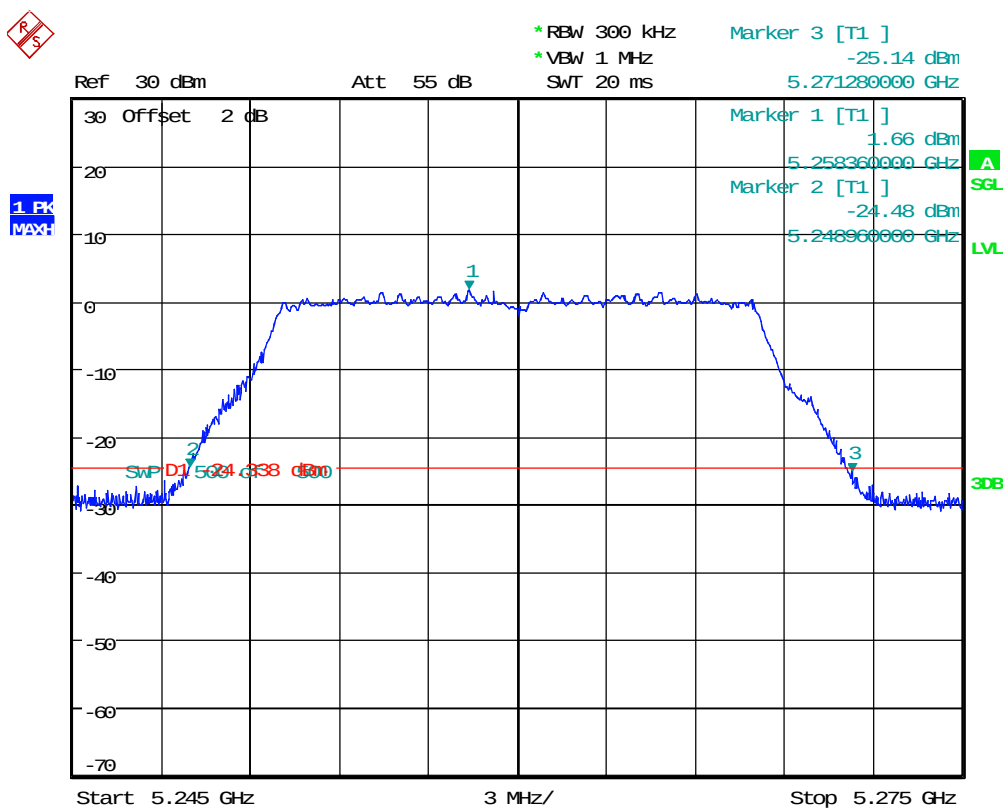
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2.5 11A_52 Ant 1

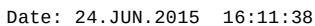


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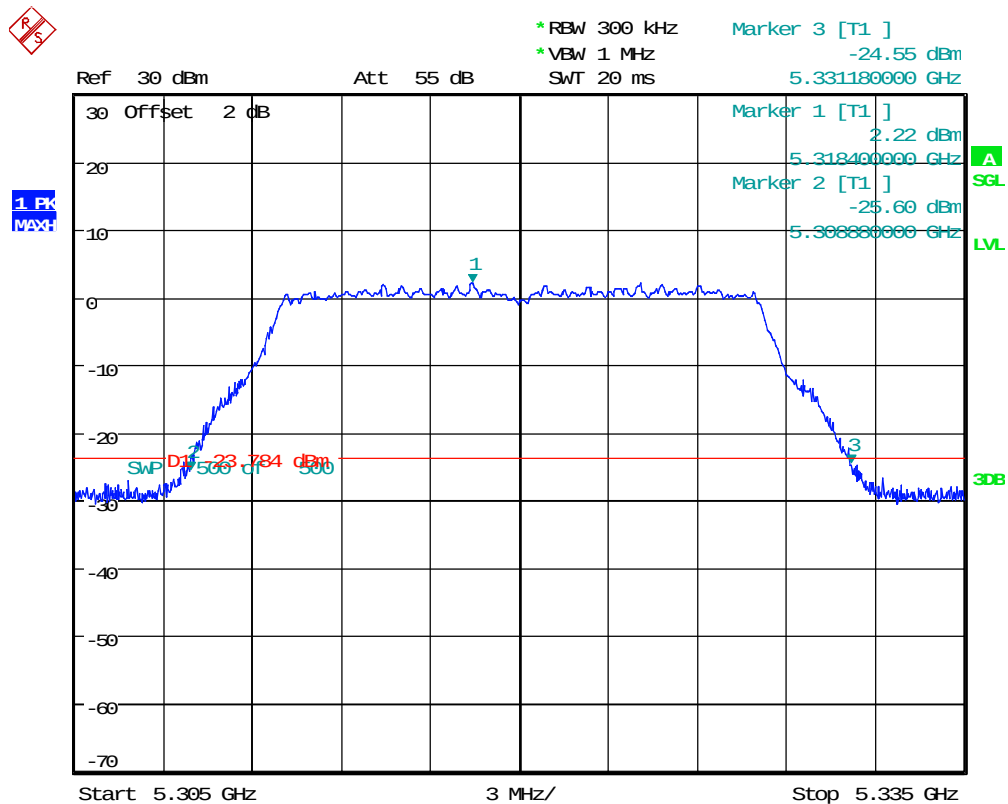
2.6 11A_52 Ant 2



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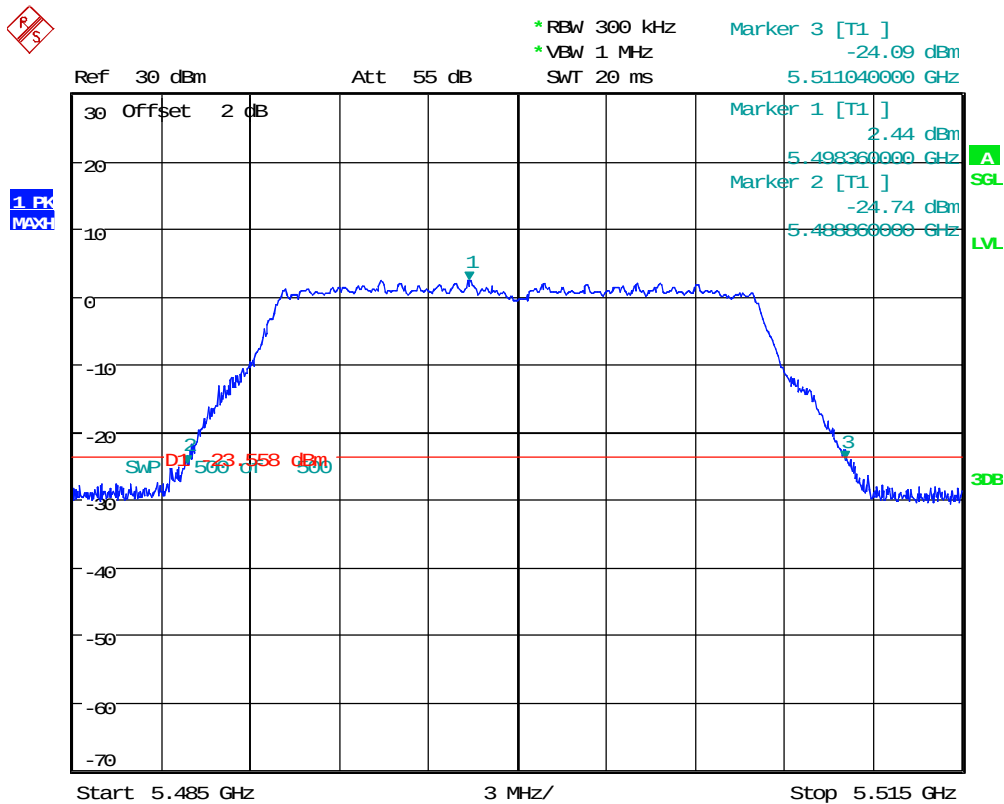


2.8 11A_64 Ant 2



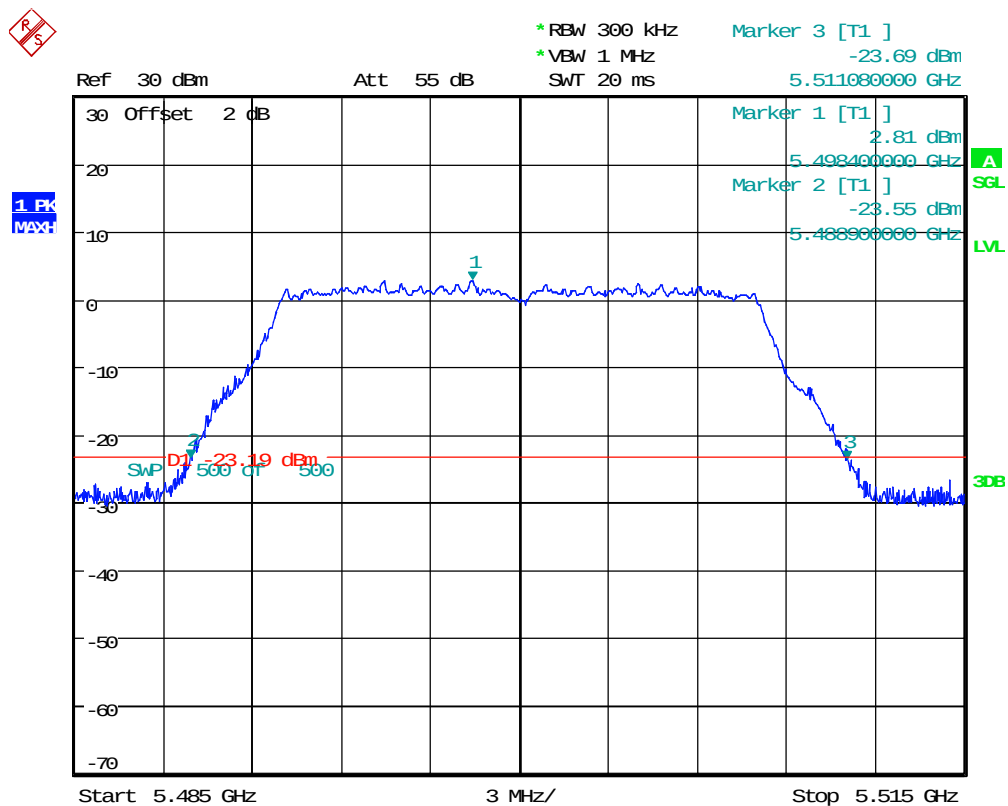
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2.9 11A_100 Ant 1



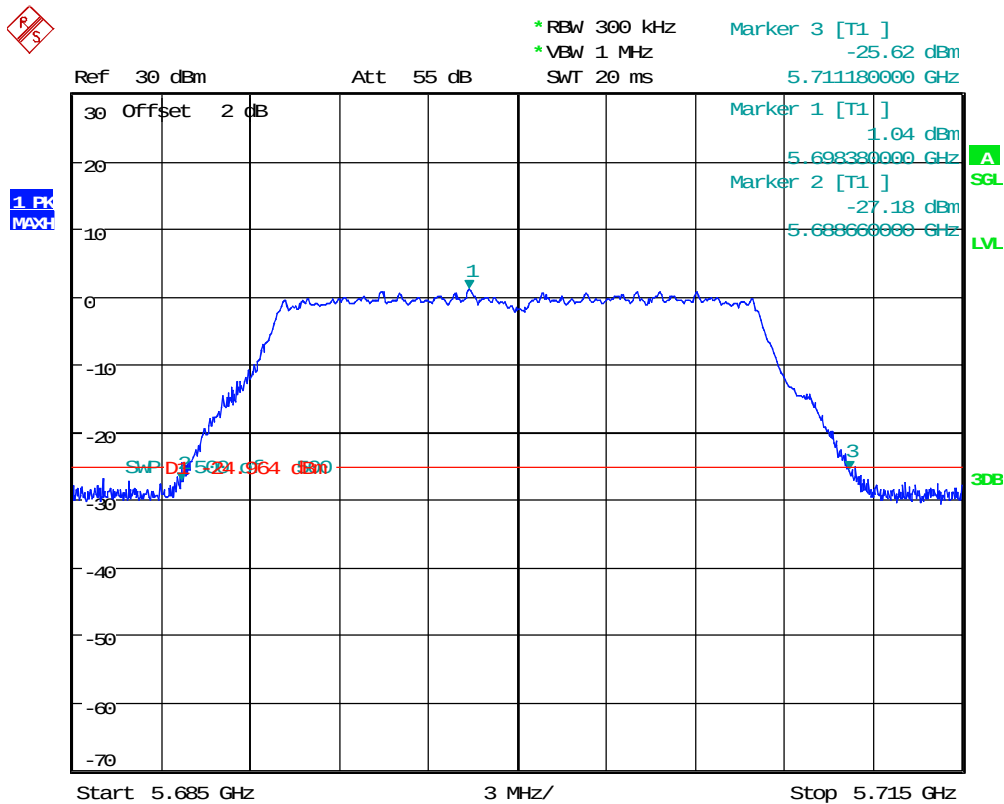
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2.10 11A_100 Ant 2



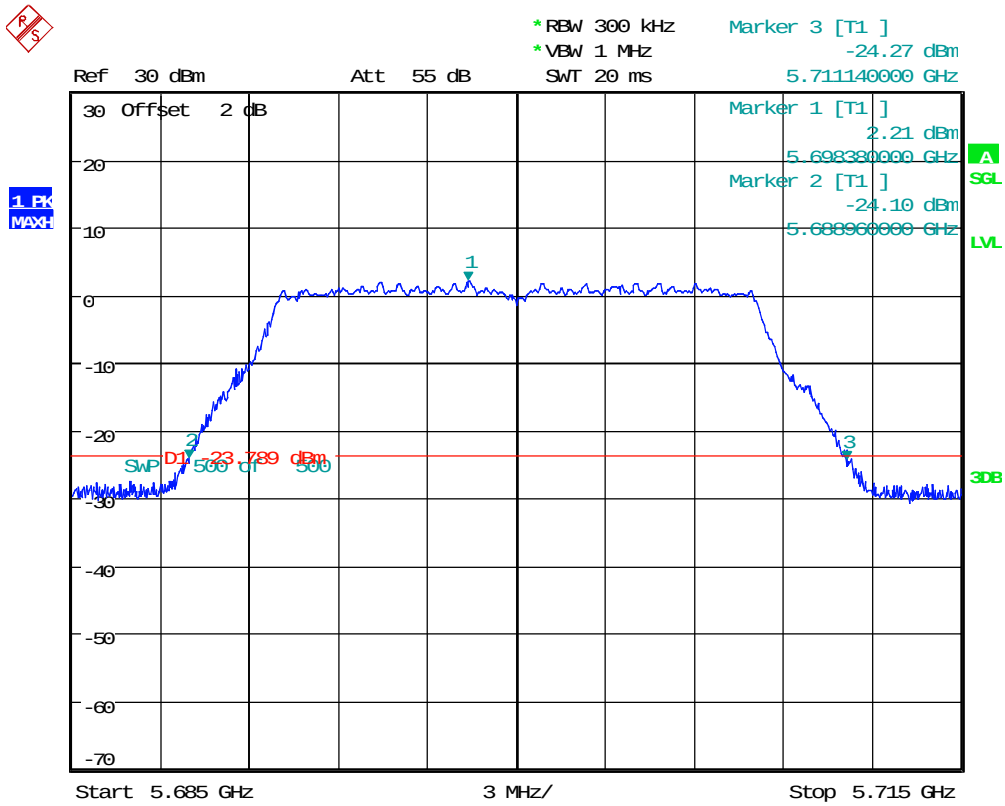
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2.11 11A_140 Ant 1



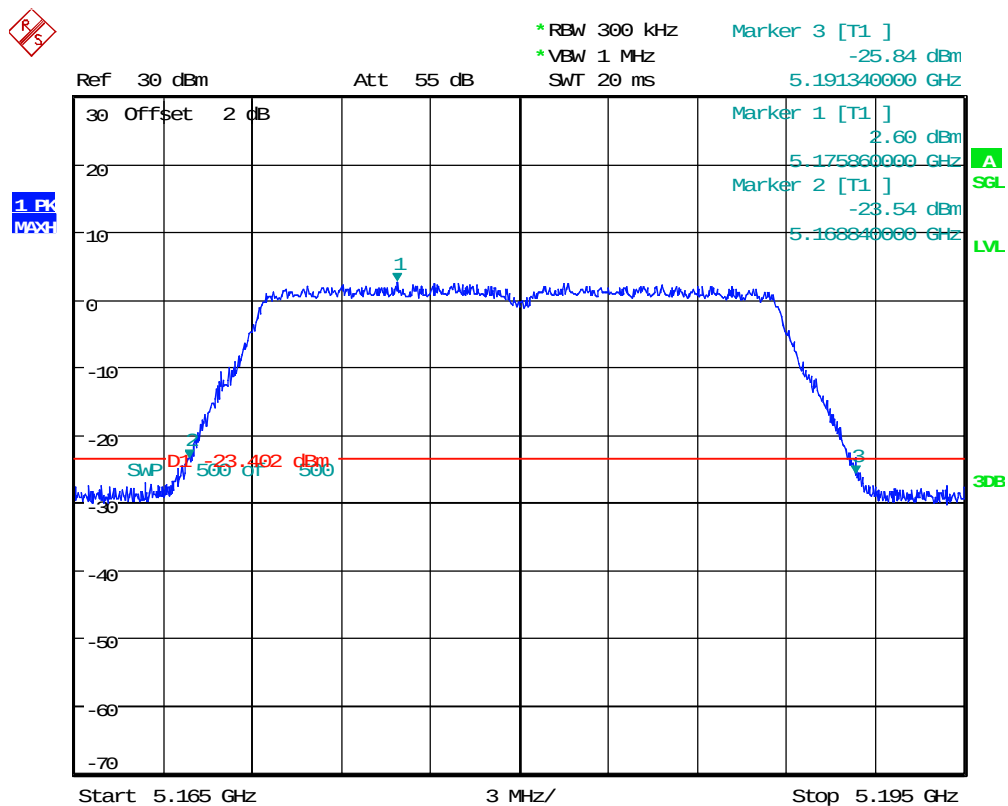
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2.12 11A_140 Ant 2



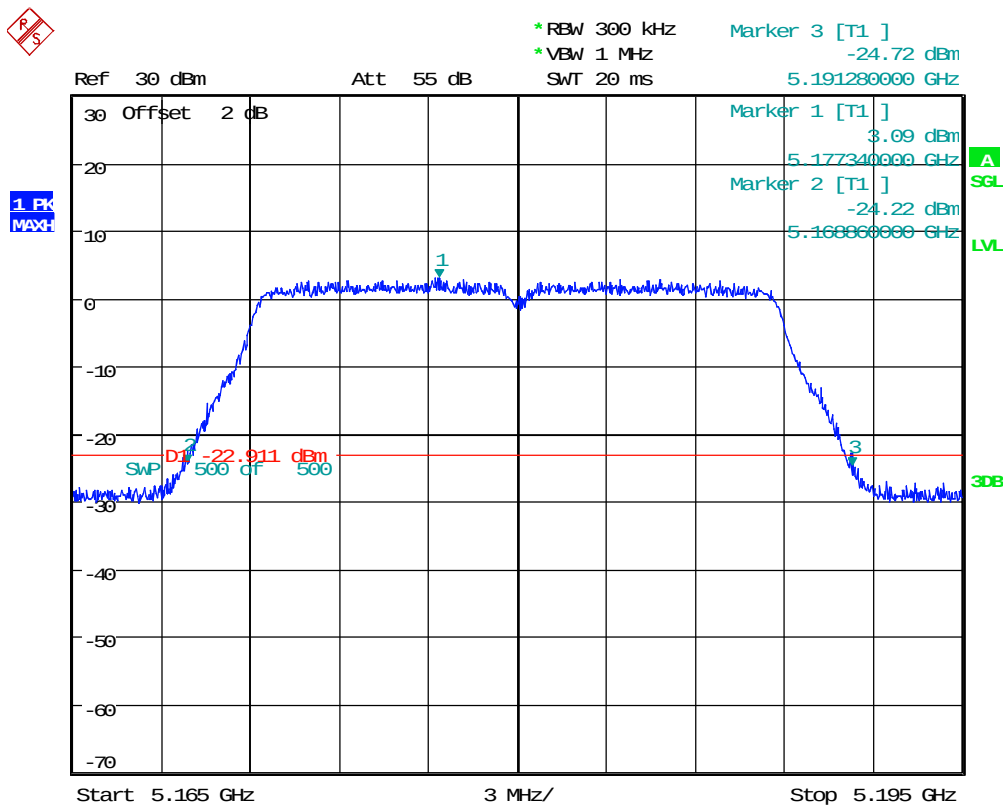
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2.13 11N20_36 Ant 1



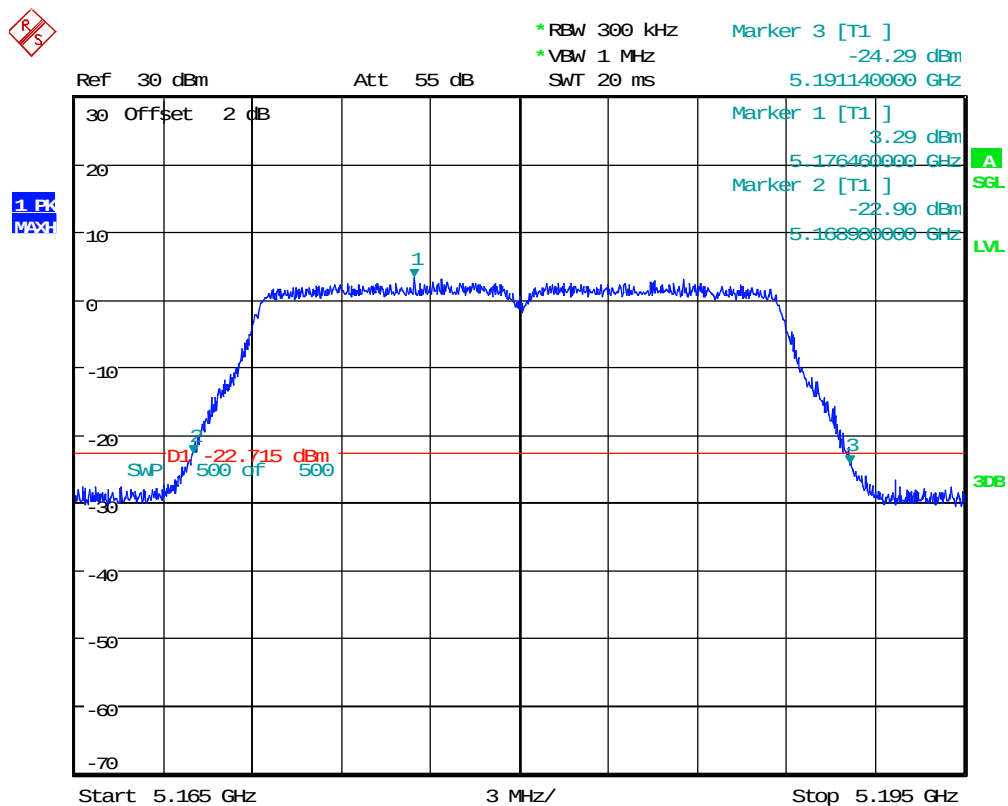
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2.15 11N20M_36 Ant 1

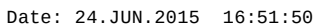


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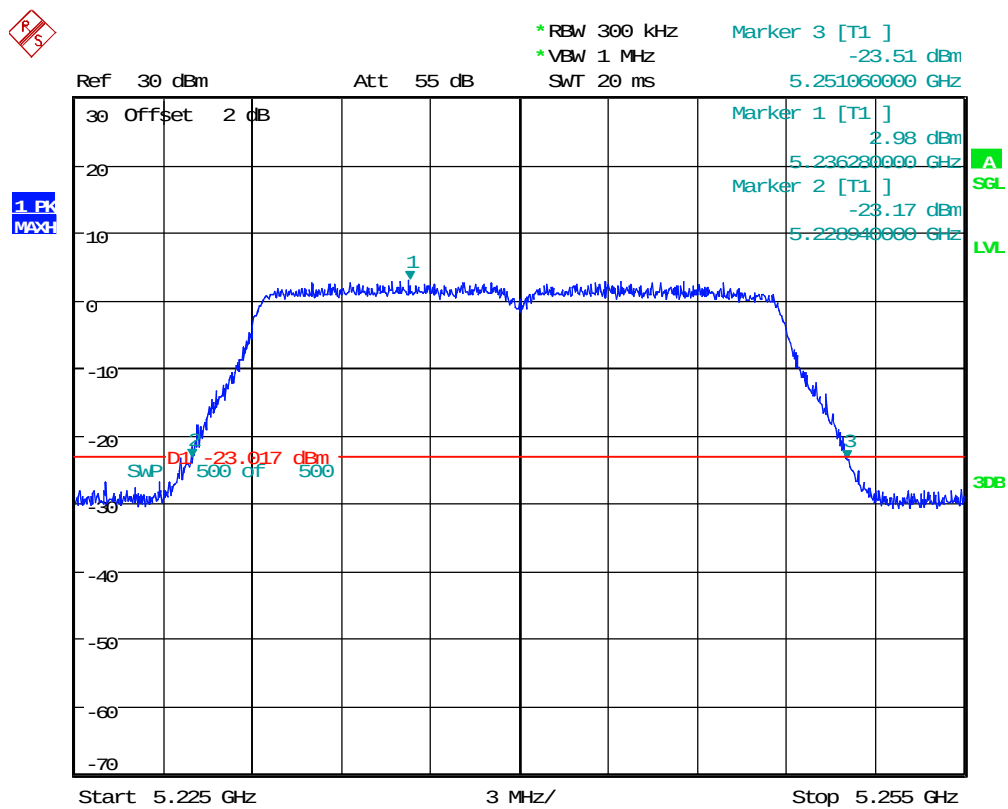
2.16 11N20M_36 Ant 2



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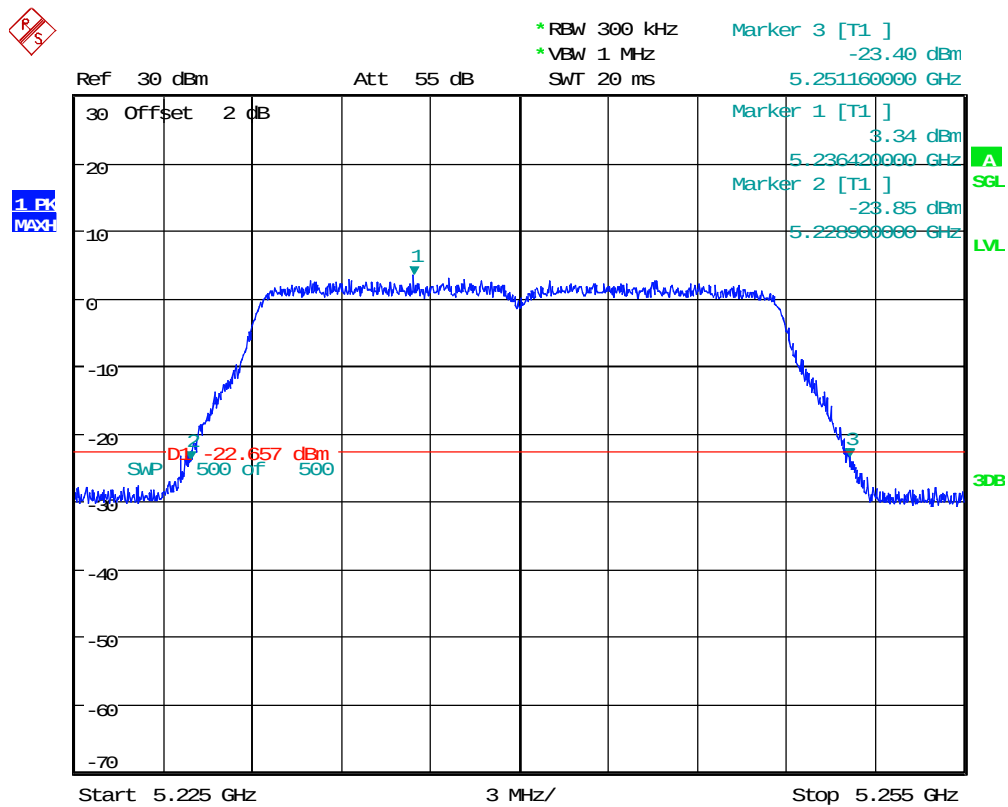


2.19 11N20M_48 Ant 1



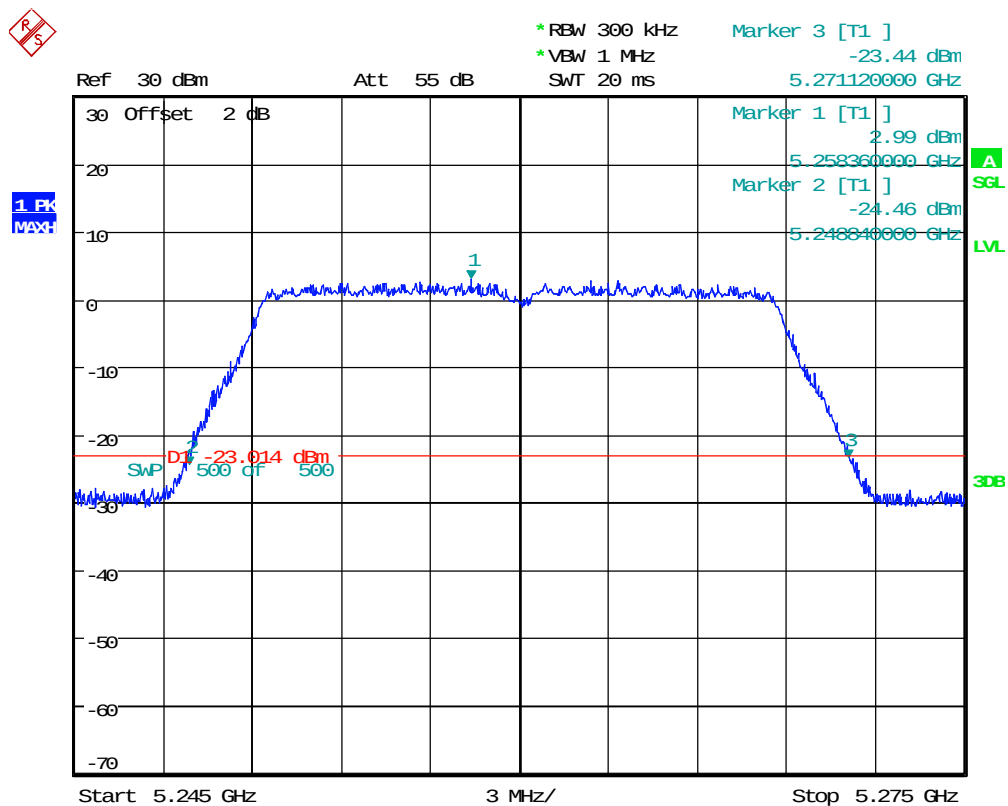
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2.20 11N20M_48 Ant 2



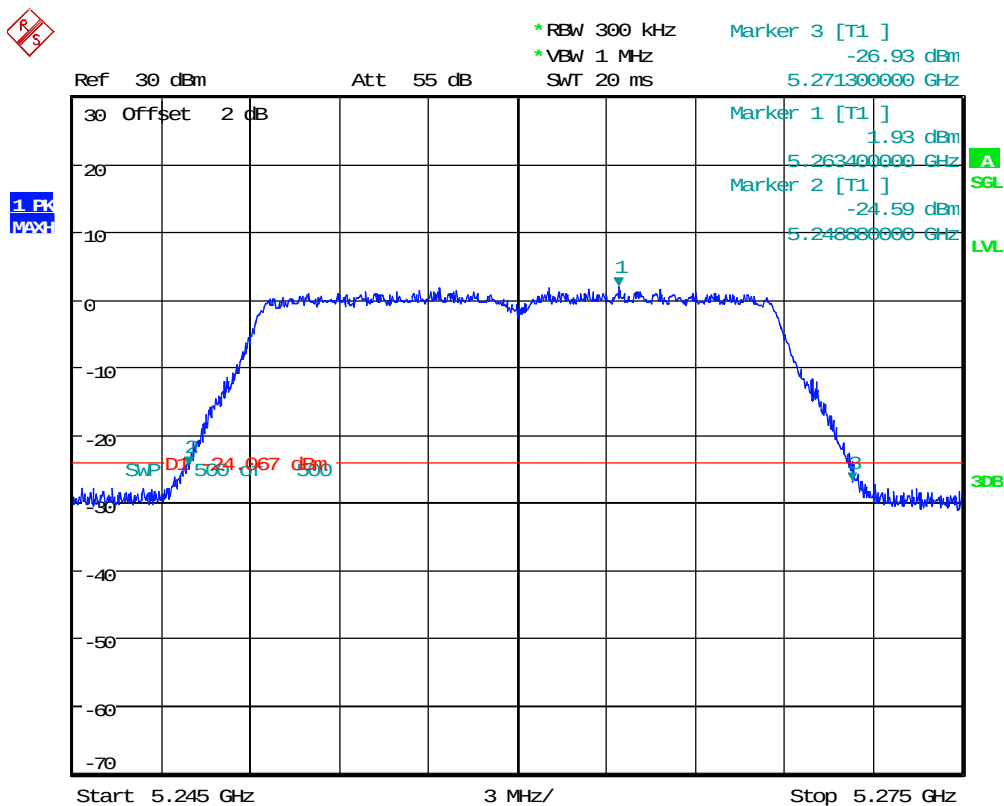
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2.21 11N20_52 Ant 1



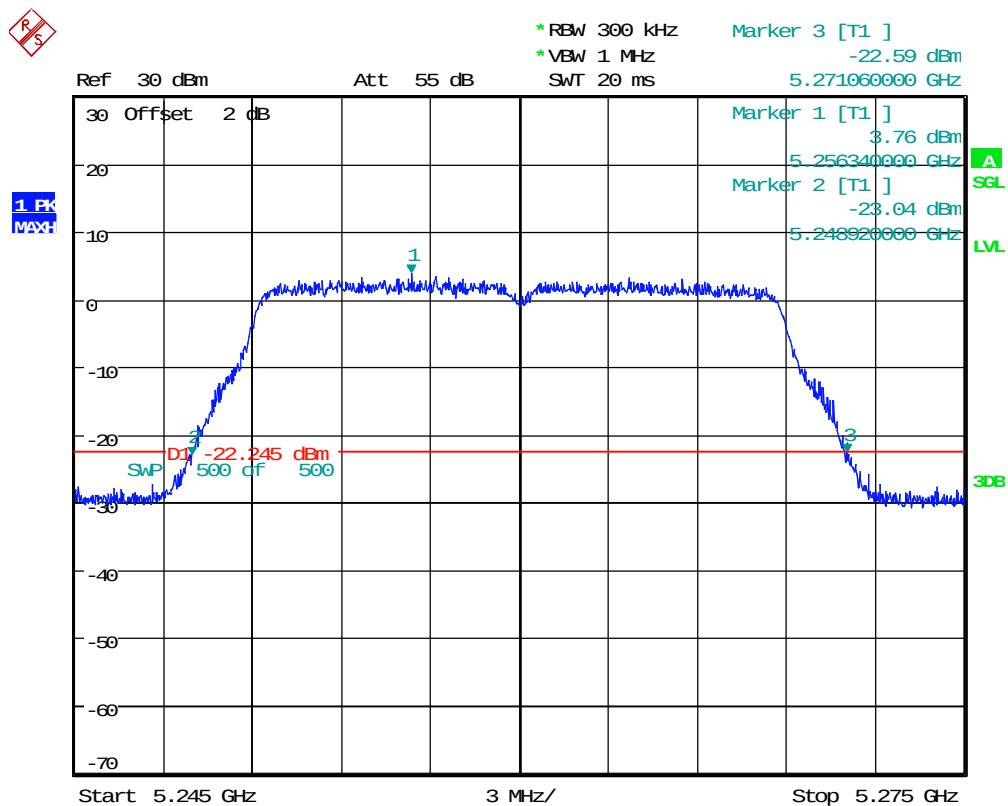
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2.22 11N20_52 Ant 2



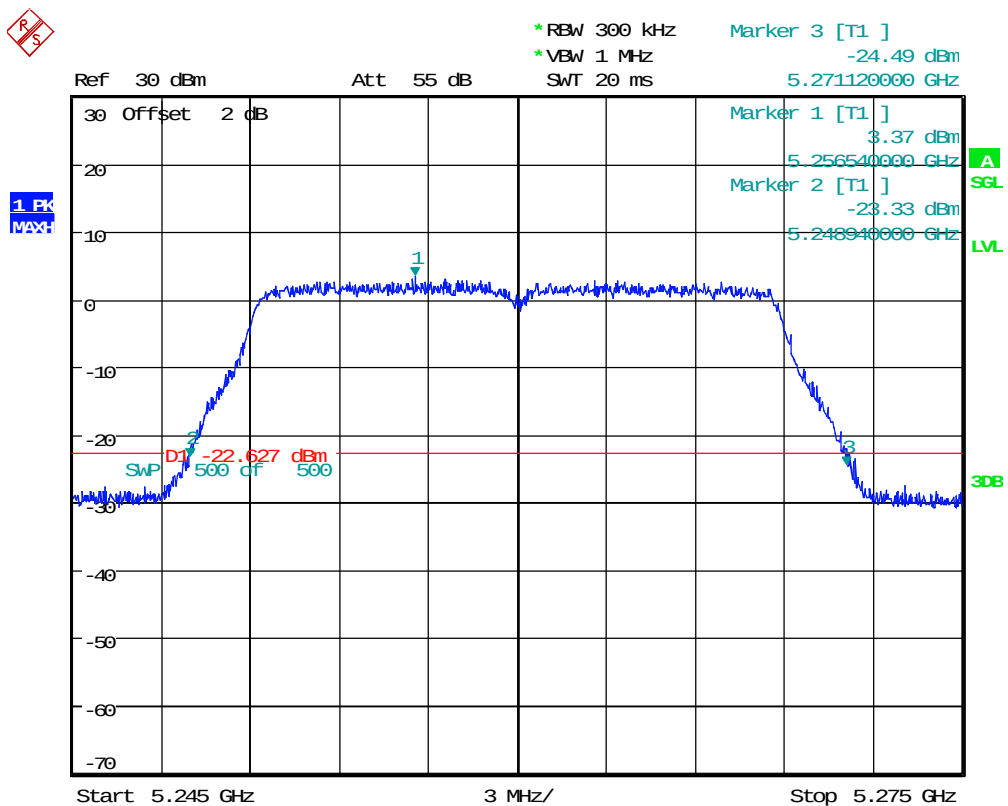
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2.23 11N20M_52 Ant 1



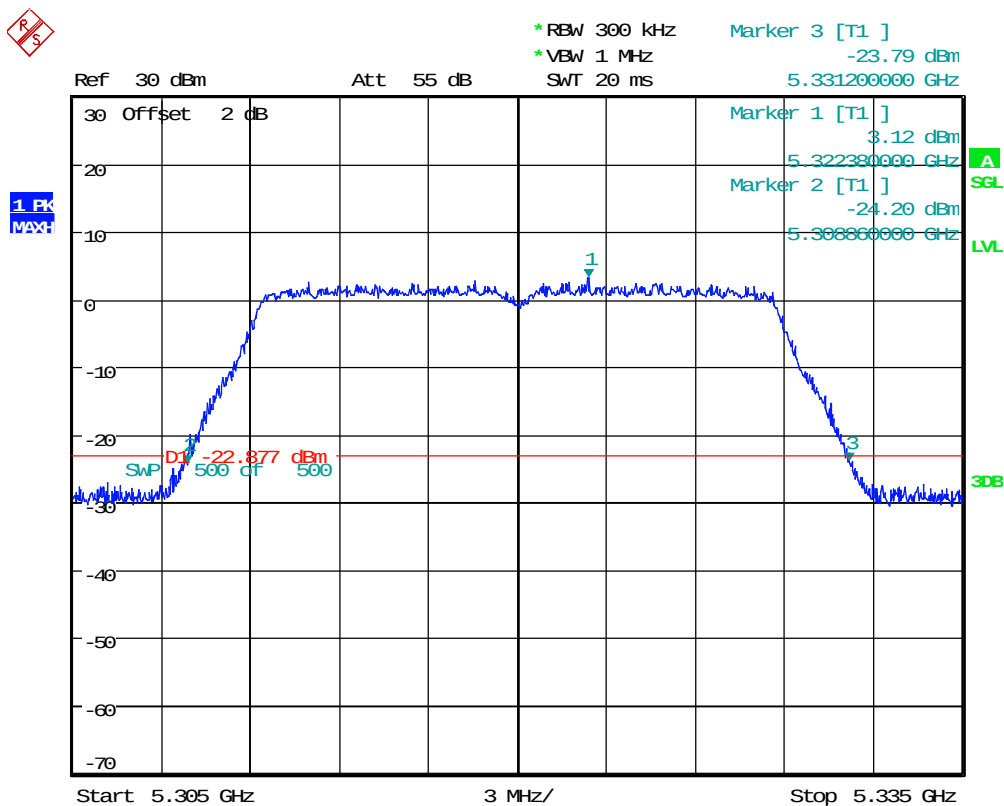
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2.24 11N20M_52 Ant 2



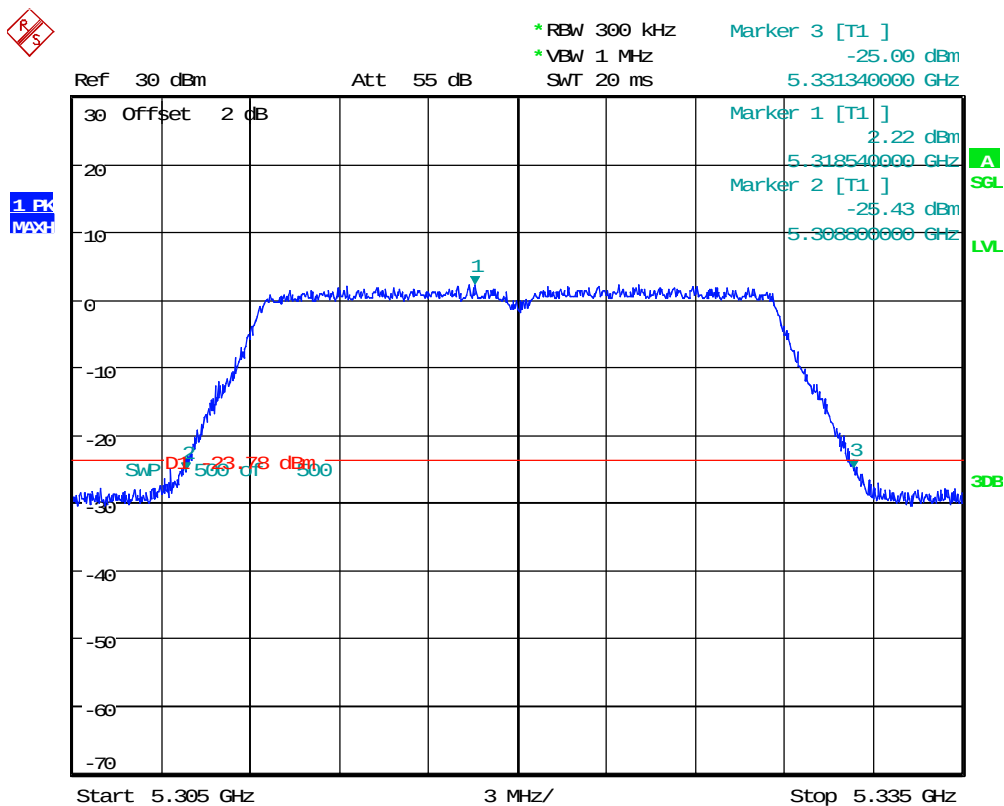
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2.25 11N20_64 Ant 1



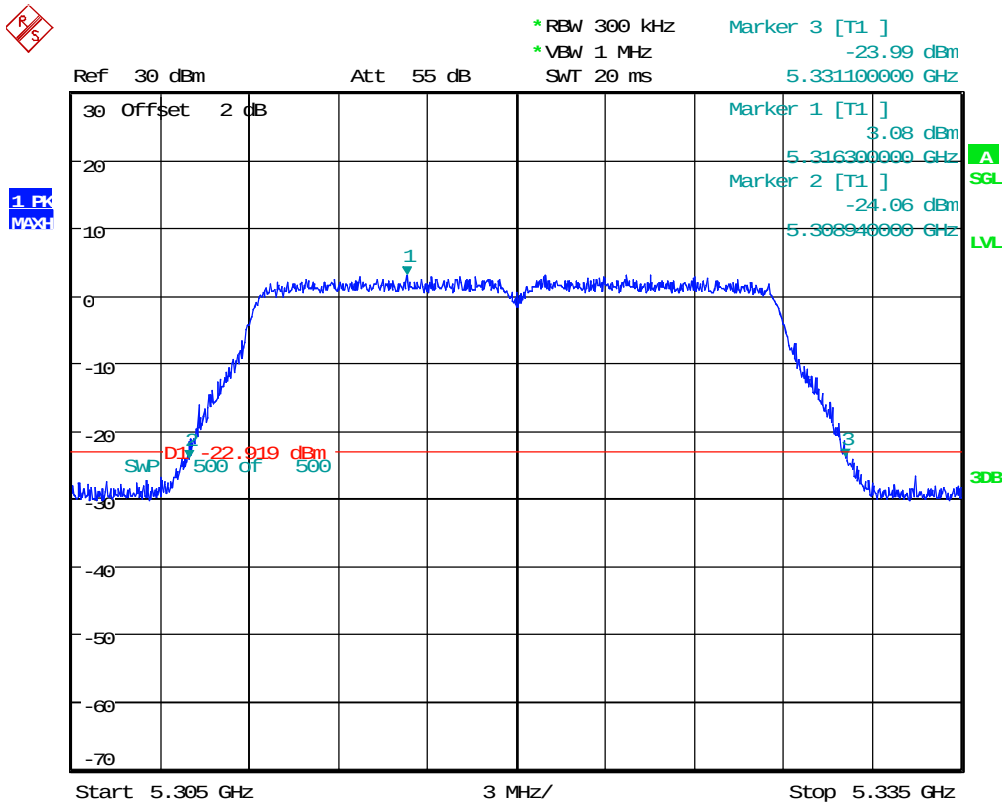
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2.26 11N20_64 Ant 2



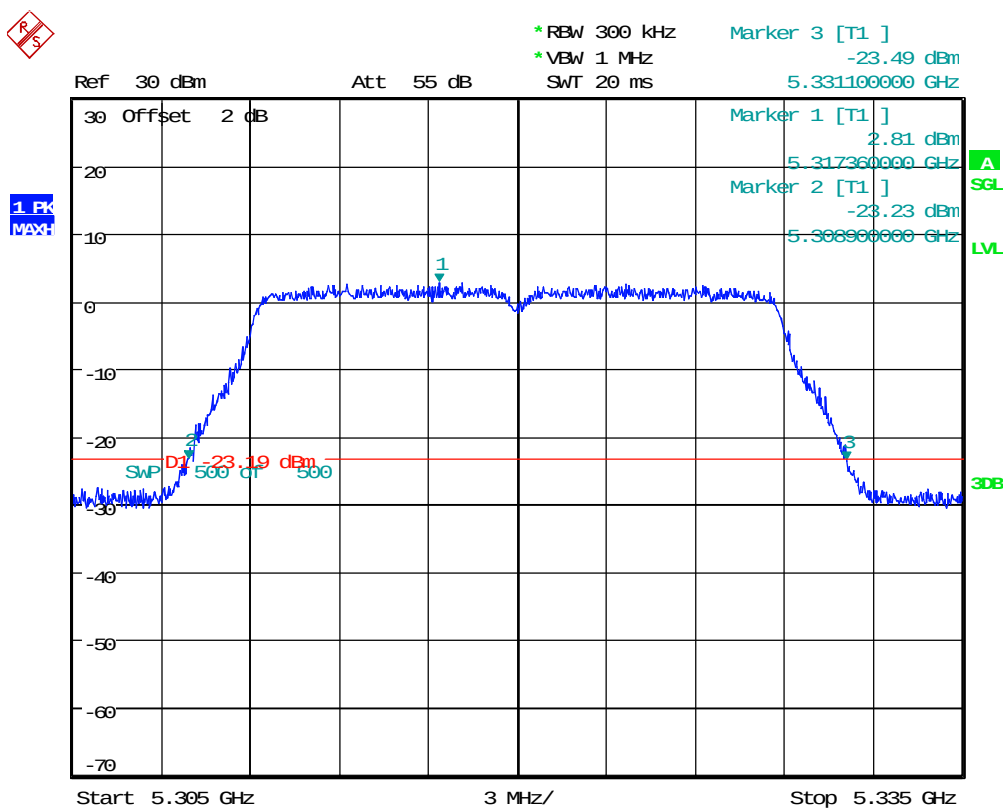
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2.27 11N20M_64 Ant 1



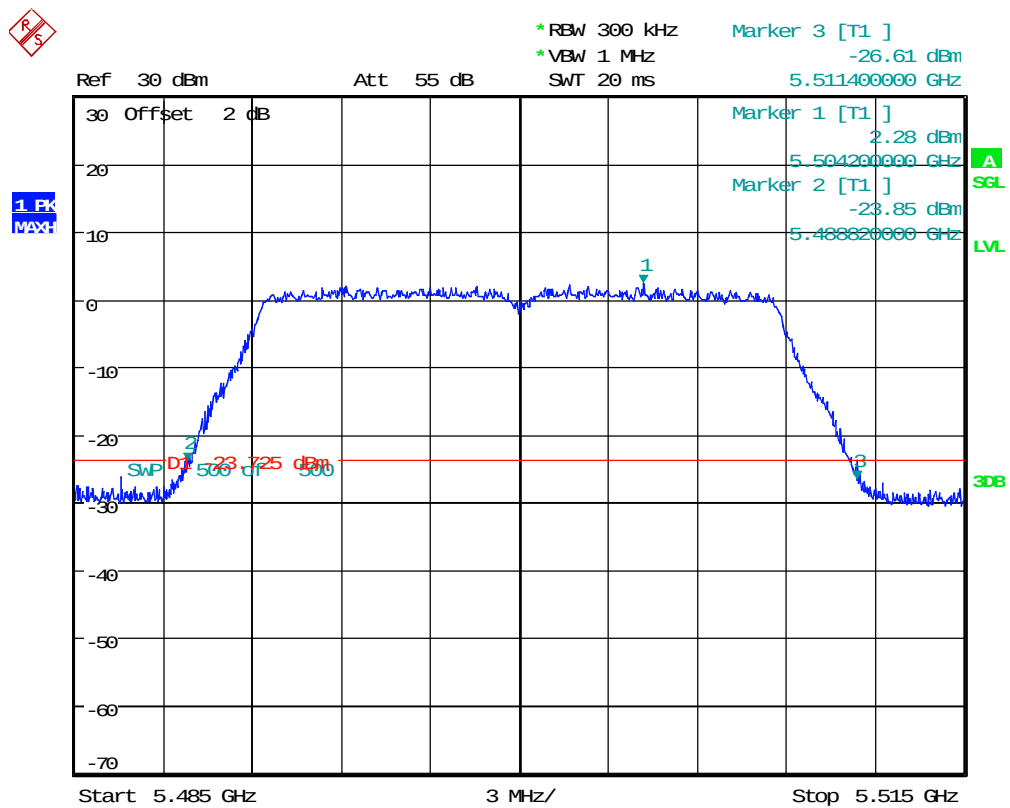
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2.28 11N20M_64 Ant 2



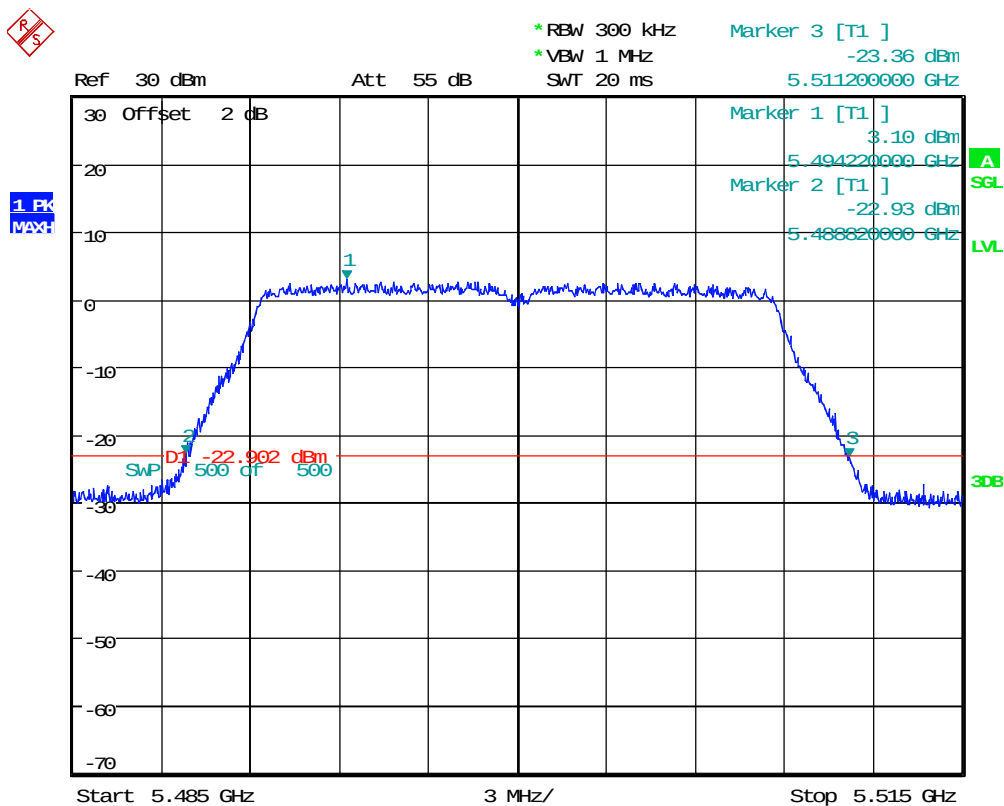
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2.29 11N20_100 Ant 1



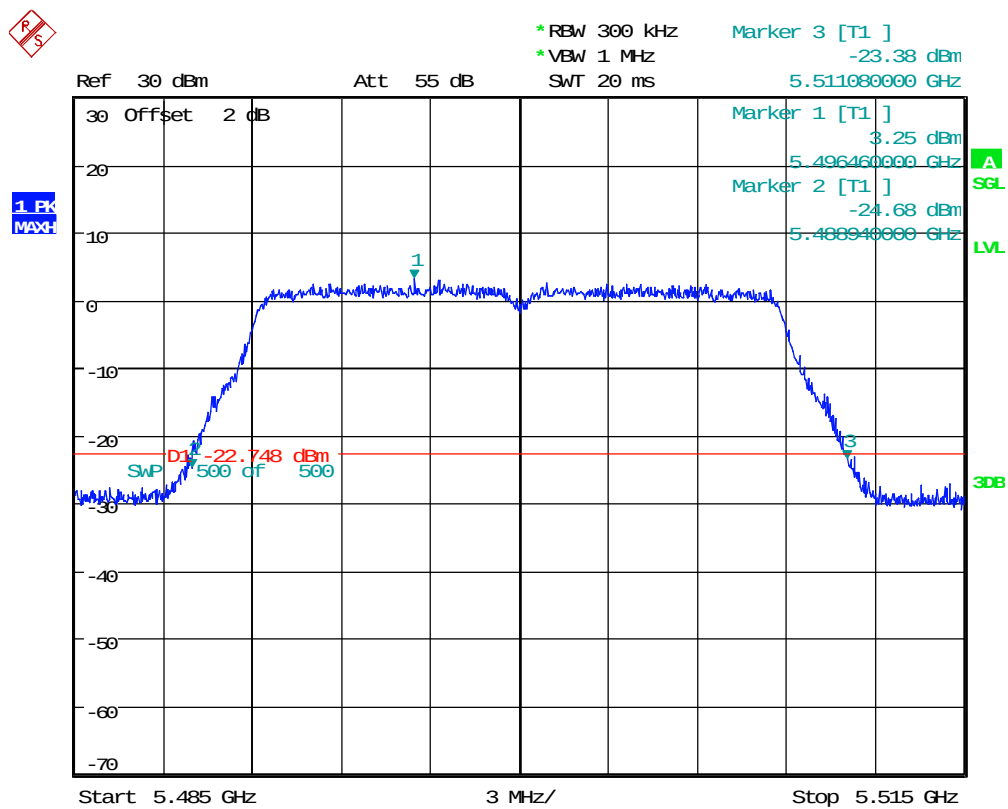
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2.30 11N20_100 Ant 2



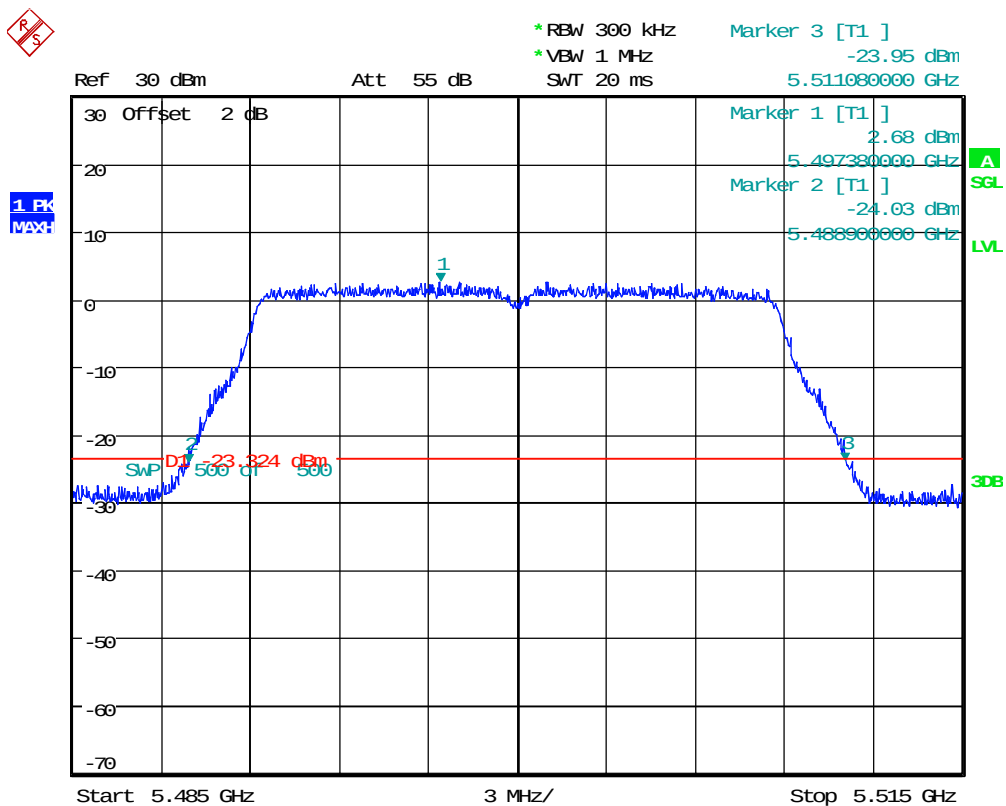
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2.31 11N20M_100 Ant 1



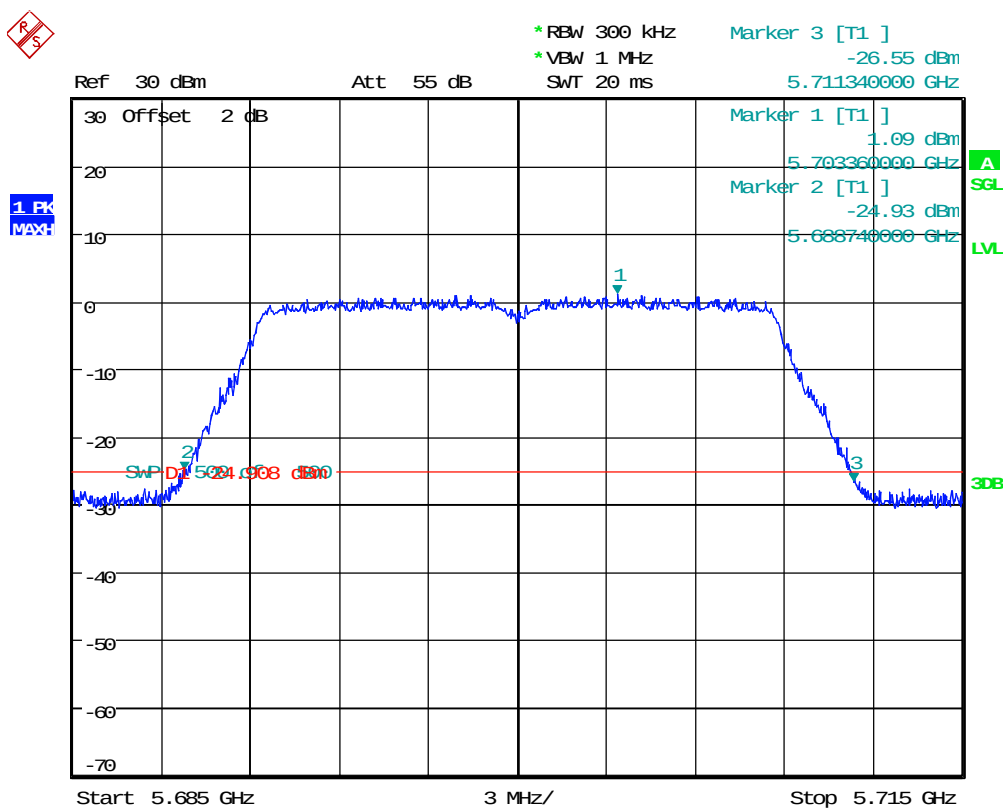
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2.32 11N20M_100 Ant 2



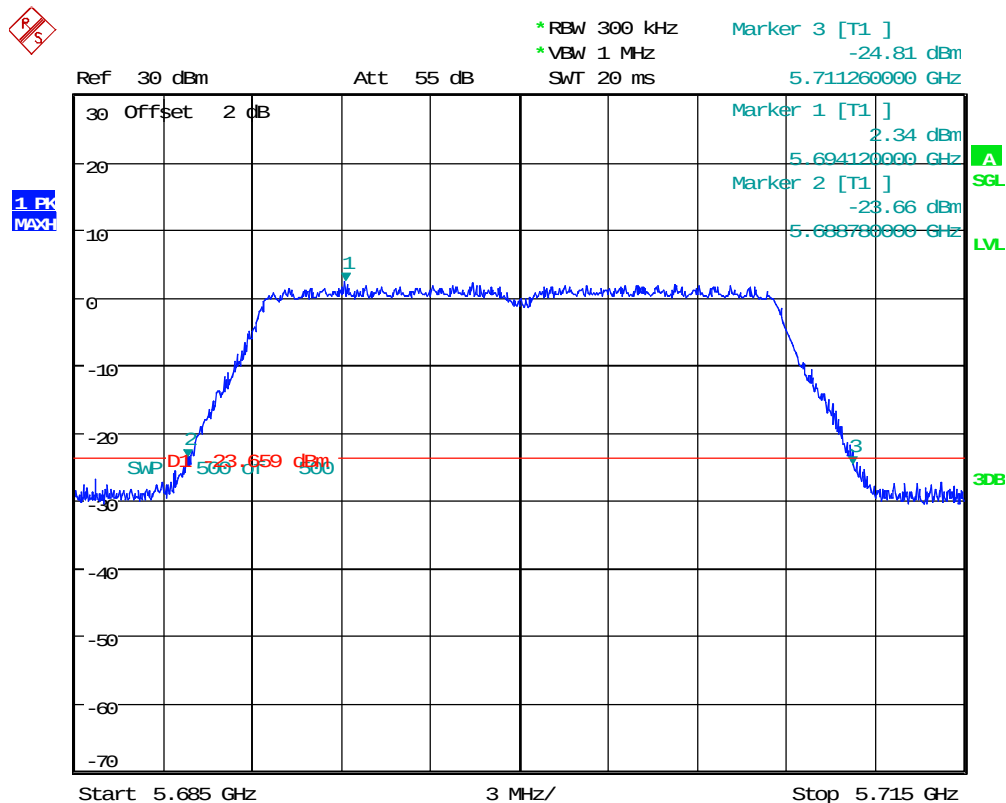
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2.33 11N20_140 Ant 1



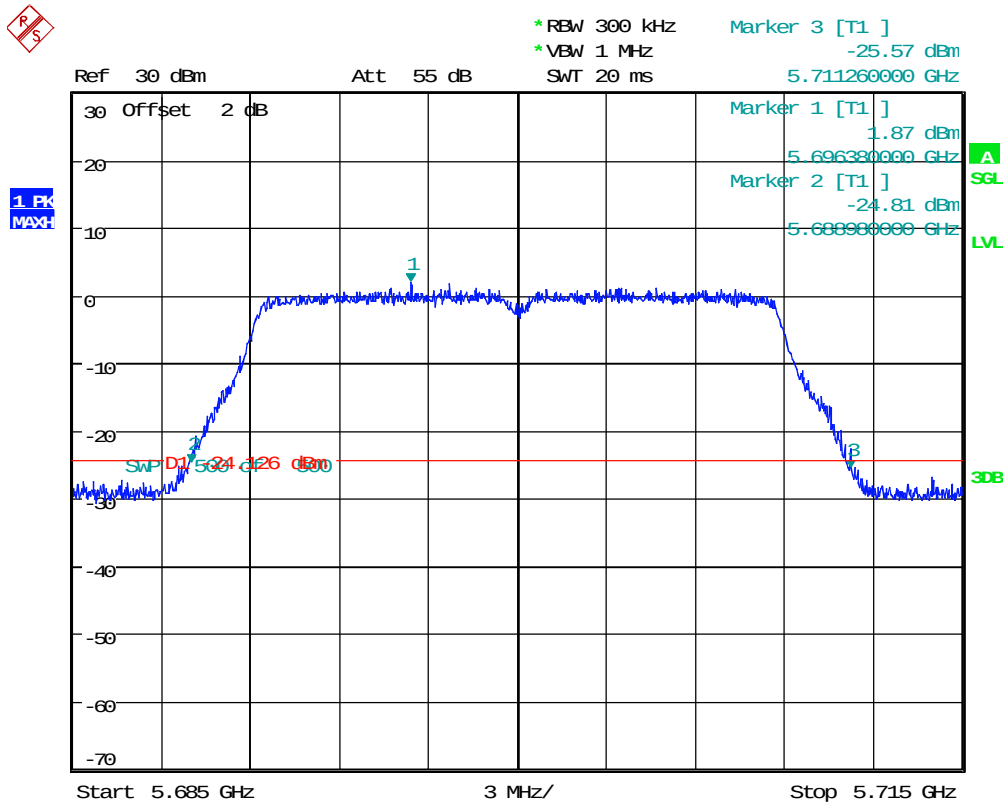
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2.34 11N20_140 Ant 2



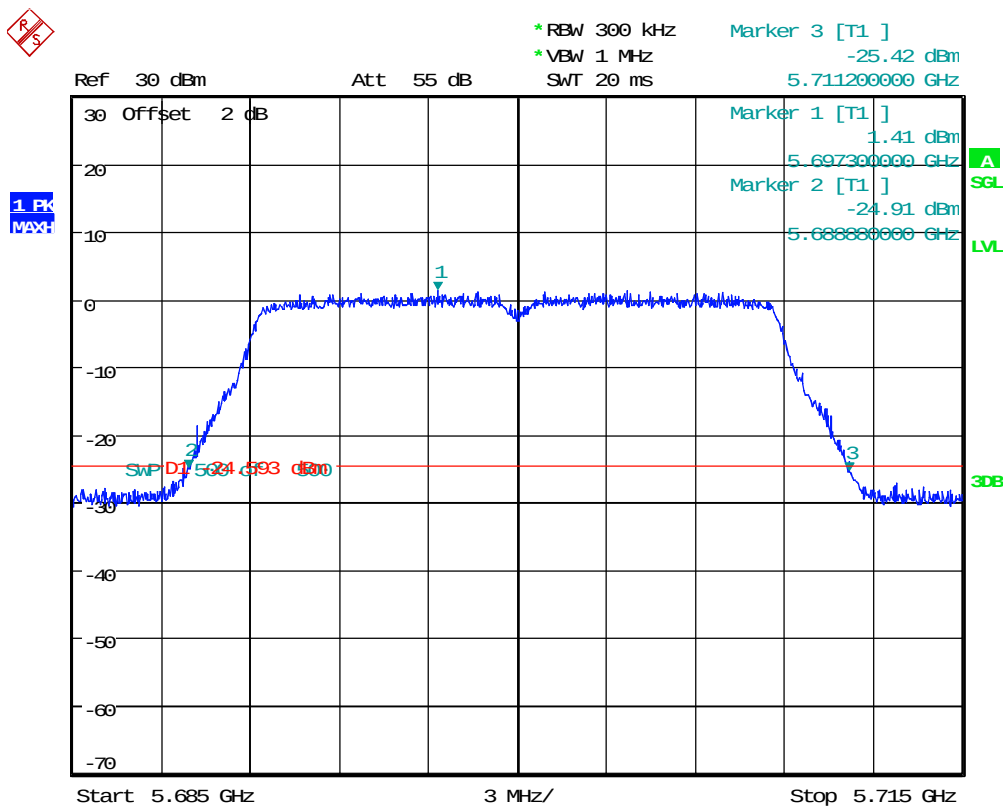
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2.35 11N20M_140 Ant 1



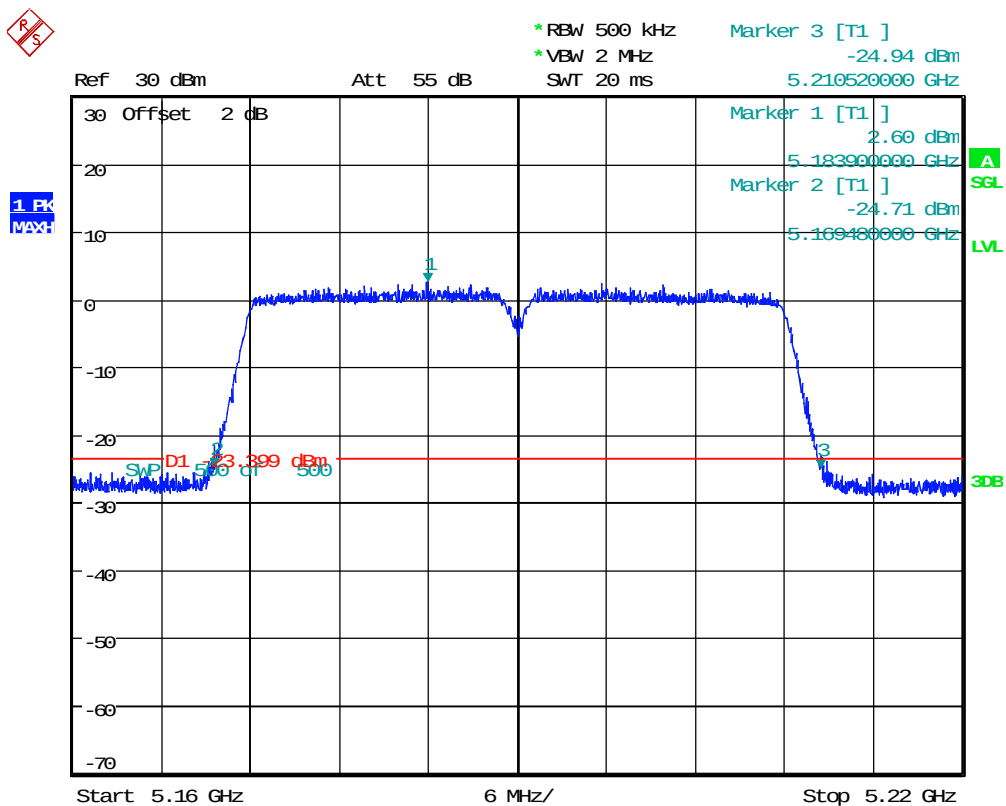
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2.36 11N20M_140 Ant 2



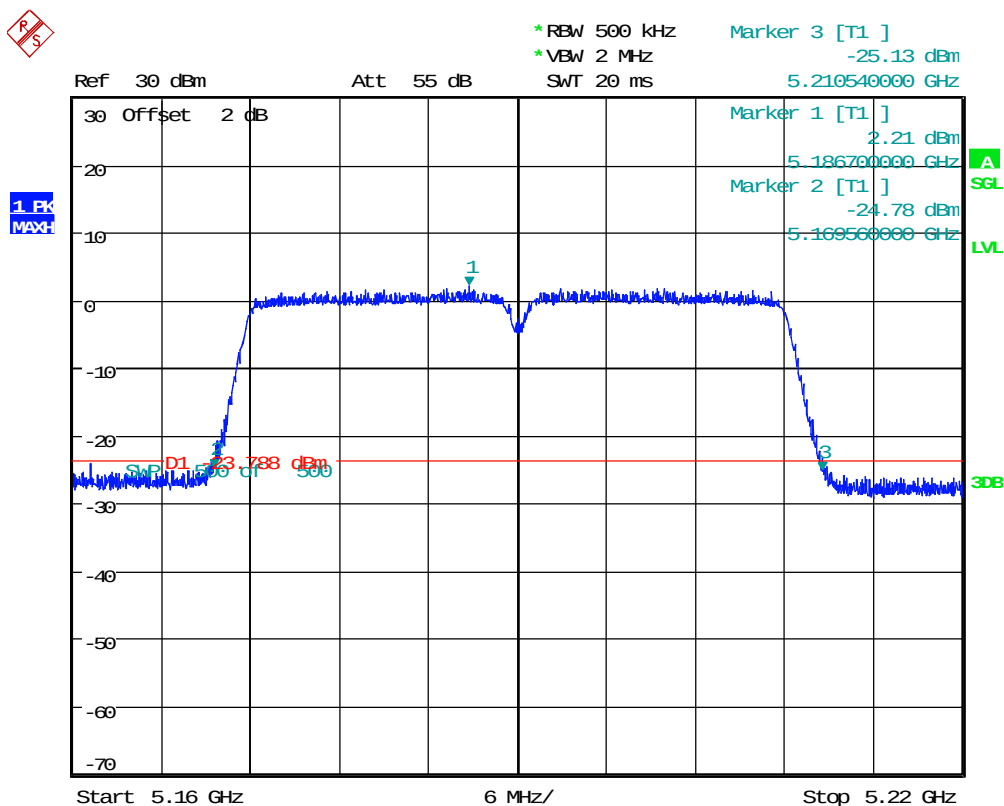
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2.37 11N40_38 Ant 1



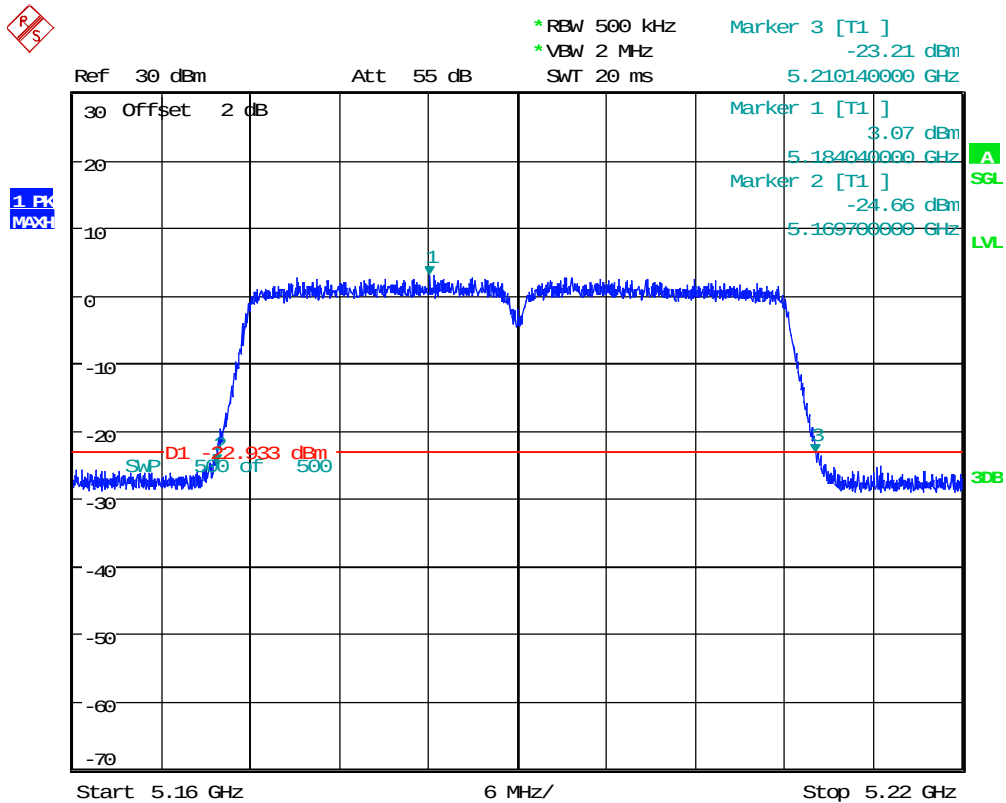
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2.38 11N40_38 Ant 2



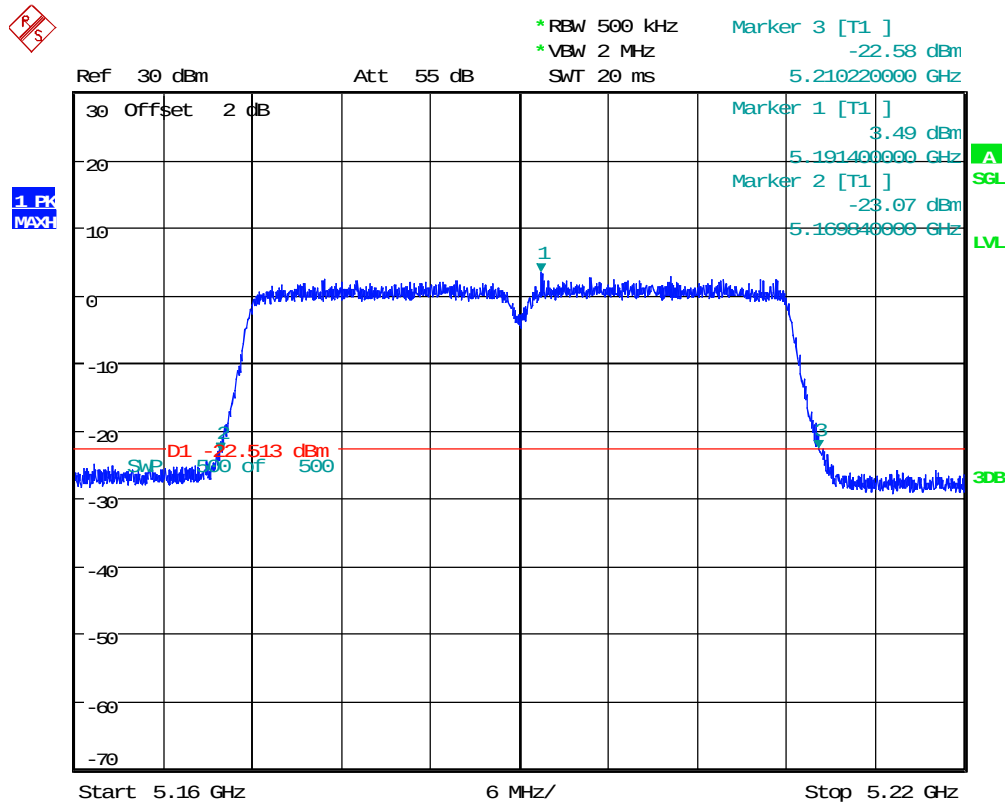
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2.39 11N40M_38 Ant 1



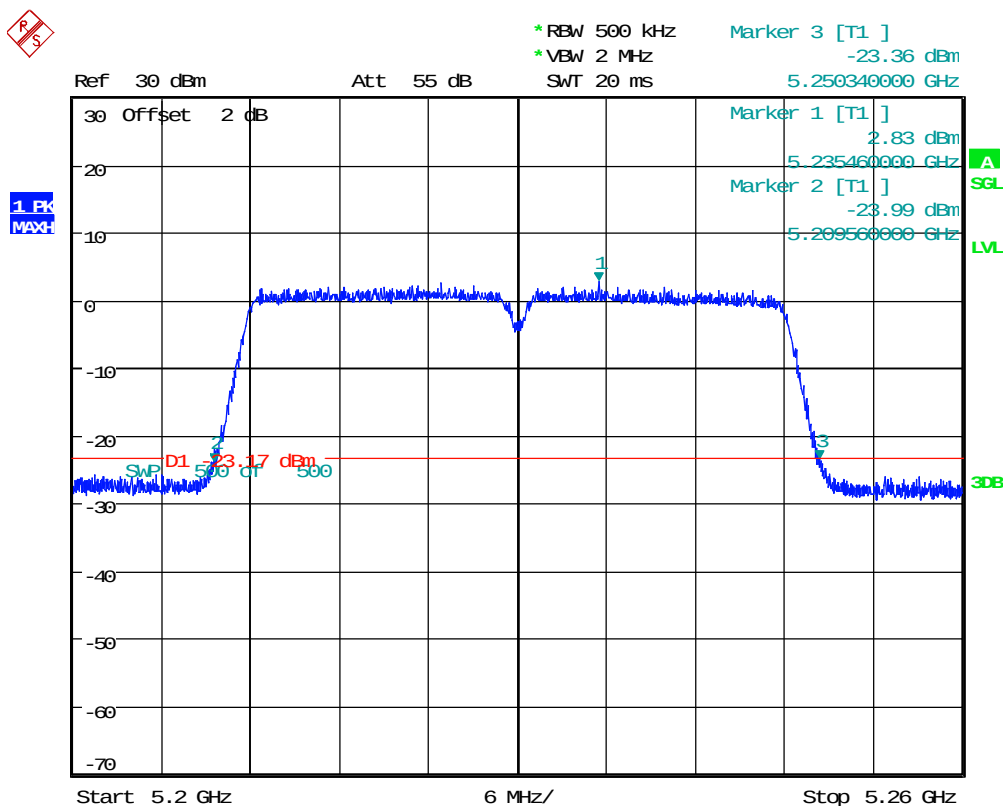
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2.40 11N40M_38 Ant 2



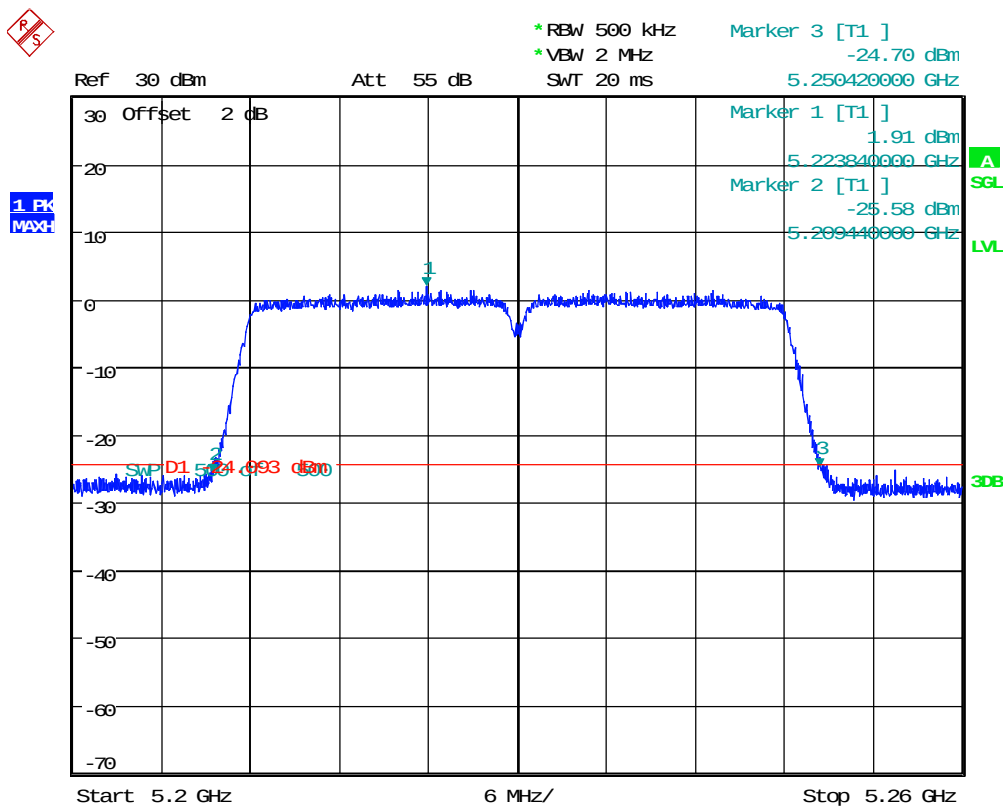
Date: 24.JUN.2015 19:51:30

2.41 11N40_46 Ant 1



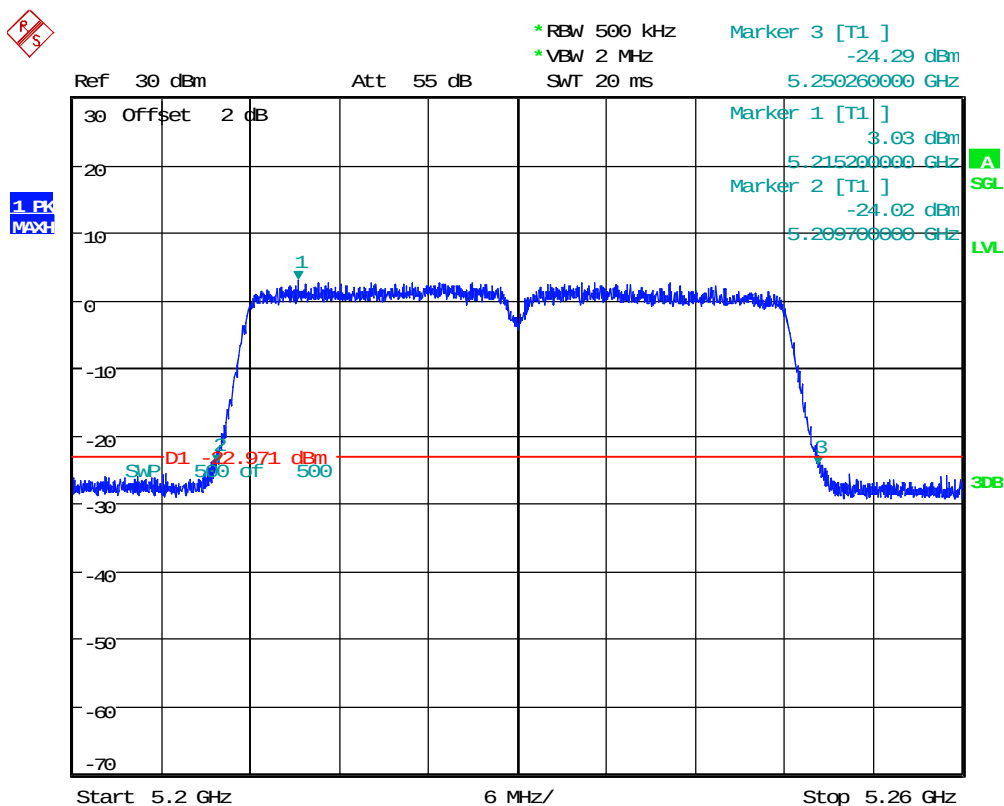
Date: 24.JUN.2015 18:05:32

2.42 11N40_46 Ant 2



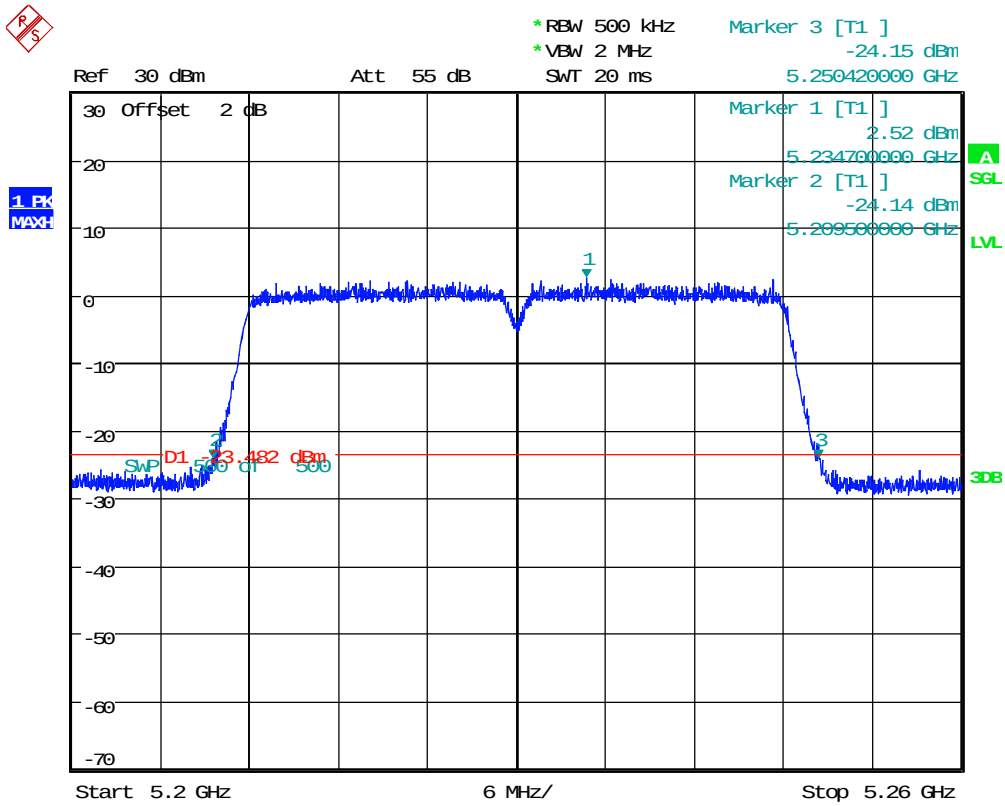
Date: 24.JUN.2015 18:24:40

2.43 11N40M_46 Ant 1



Date: 24.JUN.2015 19:21:00

2.44 11N40M_46 Ant 2



Date: 24.JUN.2015 19:54:23