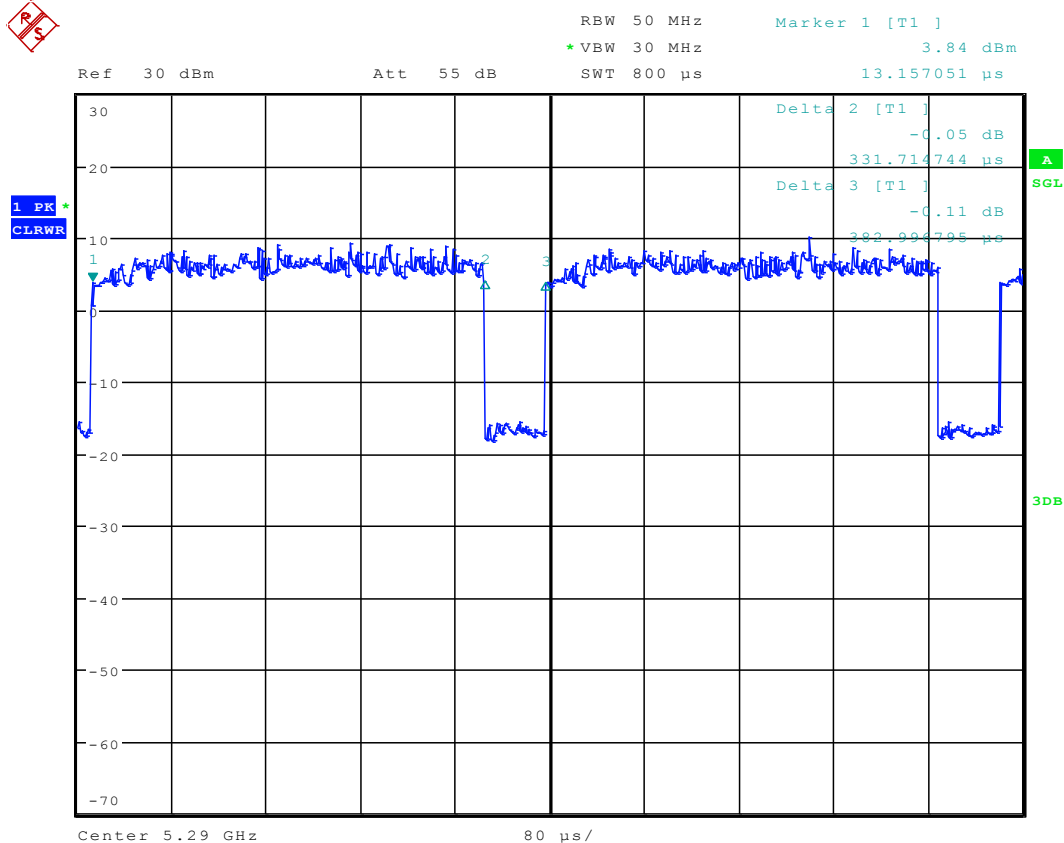




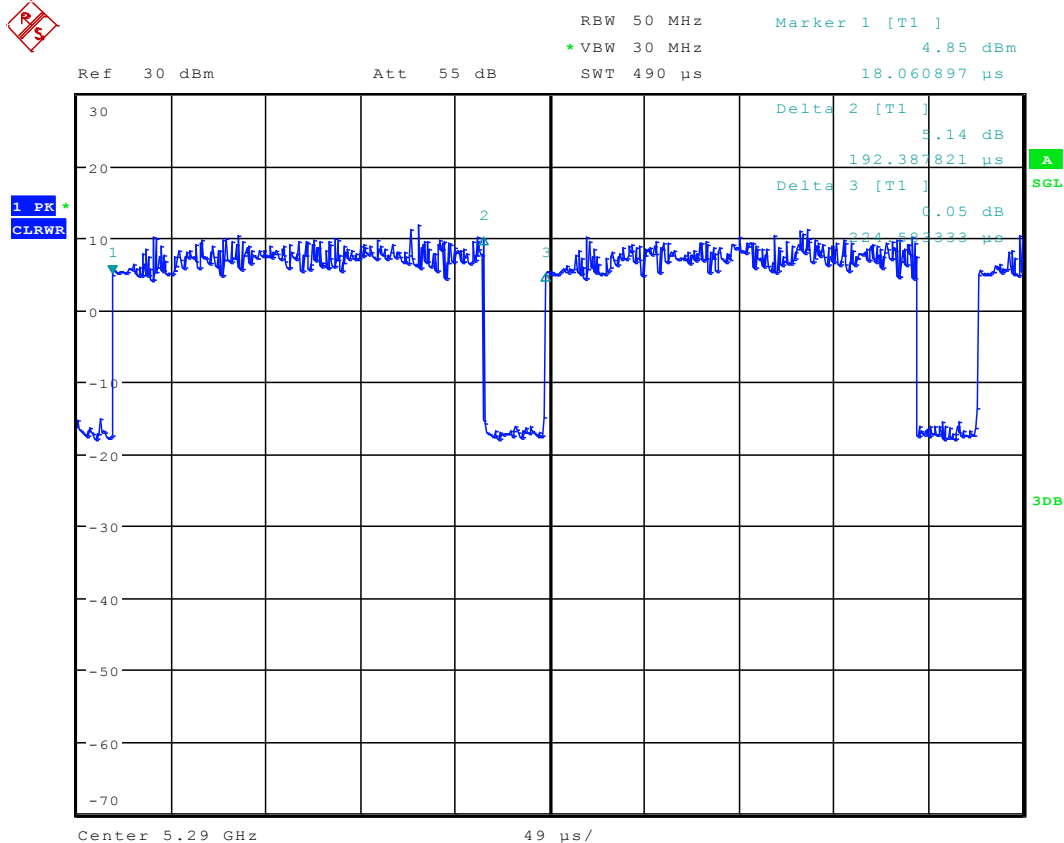
8.2211ac80-Ant2



Date: 6.DEC.2017 16:39:06

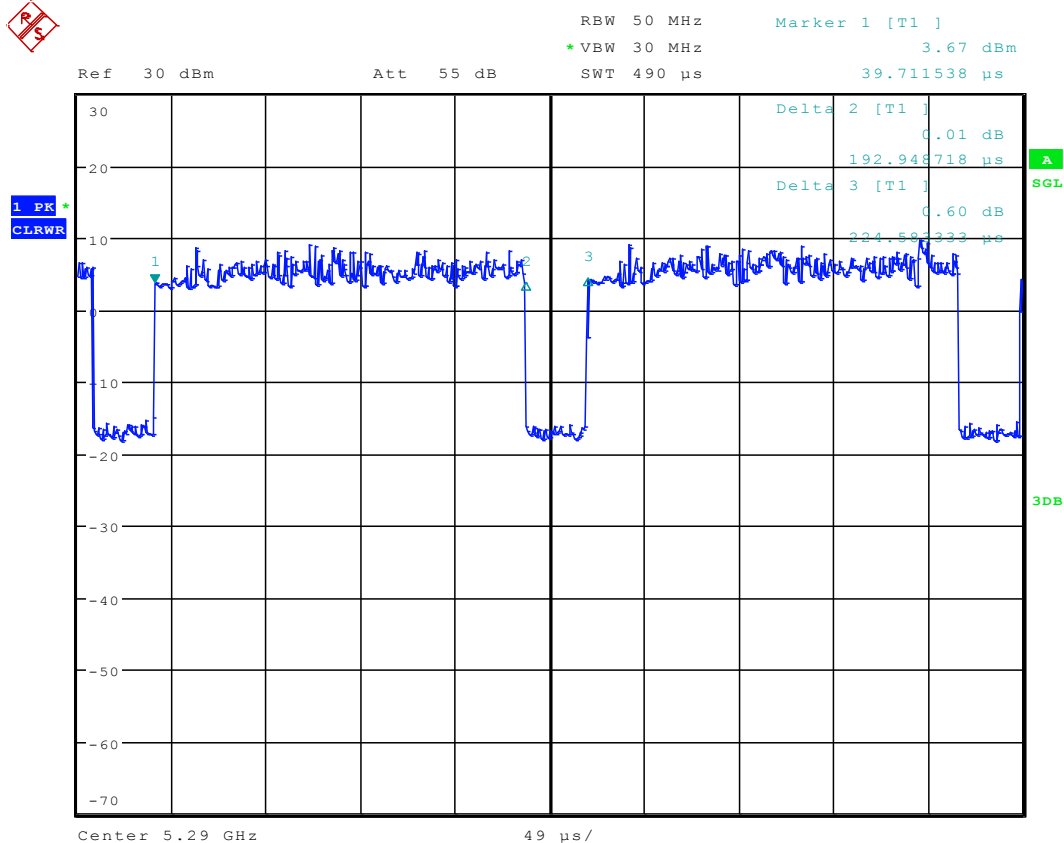


8.2311ac80MIMO-Ant1



Date: 6.DEC.2017 16:52:51

8.2411ac80MIMO-Ant2



Date: 6.DEC.2017 16:51:57

Appendix D: Maximum Conducted Output Power

9 Result Table

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Meas. Level (Cond.) [dBm]	Verdict
11A20	36	5180	ANT 1	13.08	PASS
	36	5180	ANT 2	12.41	PASS
	48	5240	ANT 1	15.65	PASS
	48	5240	ANT 2	12.53	PASS
	52	5260	ANT 1	14.98	PASS
	52	5260	ANT 2	12.67	PASS
	64	5320	ANT 1	12.97	PASS
	64	5320	ANT 2	12.44	PASS
	100	5500	ANT 1	12.87	PASS
	100	5500	ANT 2	12.46	PASS
	140	5700	ANT 1	9.38	PASS
	140	5700	ANT 2	12.54	PASS
	144	5720	ANT 1	15.07	PASS
	144	5720	ANT 2	12.60	PASS
	149	5745	ANT 1	15.14	PASS
	149	5745	ANT 2	12.46	PASS
	165	5825	ANT 1	14.61	PASS
	165	5825	ANT 2	12.12	PASS
11A20_CDD	36	5180	ANT 1	12.63	---
	36	5180	ANT 2	12.35	---
	36	5180	SUM	15.5	PASS
	48	5240	ANT 1	14.59	---
	48	5240	ANT 2	12.28	---
	48	5240	SUM	16.6	PASS
	52	5260	ANT 1	14.67	---
	52	5260	ANT 2	12.42	---
	52	5260	SUM	16.7	PASS
	64	5320	ANT 1	12.58	---
	64	5320	ANT 2	12.36	---
	64	5320	SUM	15.48	PASS
	100	5500	ANT 1	12.57	---
	100	5500	ANT 2	12.25	---
	100	5500	SUM	15.42	PASS

	140	5700	ANT 1	8.74	---
	140	5700	ANT 2	12.25	---
	140	5700	SUM	13.85	PASS
	144	5720	ANT 1	14.75	---
	144	5720	ANT 2	12.24	---
	144	5720	SUM	16.68	PASS
	149	5745	ANT 1	14.59	---
	149	5745	ANT 2	12.25	---
	149	5745	SUM	16.59	PASS
	165	5825	ANT 1	14.25	---
	165	5825	ANT 2	12.06	---
	165	5825	SUM	16.3	PASS
11N20	36	5180	ANT 1	13.75	PASS
	36	5180	ANT 2	12.37	PASS
	48	5240	ANT 1	15.62	PASS
	48	5240	ANT 2	12.94	PASS
	52	5260	ANT 1	15.35	PASS
	52	5260	ANT 2	13.28	PASS
	64	5320	ANT 1	13.33	PASS
	64	5320	ANT 2	12.42	PASS
	100	5500	ANT 1	12.60	PASS
	100	5500	ANT 2	12.38	PASS
	140	5700	ANT 1	9.38	PASS
	140	5700	ANT 2	12.45	PASS
	144	5720	ANT 1	15.43	PASS
	144	5720	ANT 2	12.58	PASS
	149	5745	ANT 1	15.80	PASS
	149	5745	ANT 2	12.39	PASS
	165	5825	ANT 1	15.43	PASS
	165	5825	ANT 2	12.79	PASS
11N20MIMO	36	5180	ANT 1	12.51	---
	36	5180	ANT 2	12.25	---
	36	5180	SUM	15.39	PASS
	48	5240	ANT 1	14.67	---
	48	5240	ANT 2	12.36	---
	48	5240	SUM	16.68	PASS
	52	5260	ANT 1	14.63	---
	52	5260	ANT 2	12.31	---
	52	5260	SUM	16.63	PASS
	64	5320	ANT 1	12.40	---

	64	5320	ANT 2	12.28	---
	64	5320	SUM	15.35	PASS
	100	5500	ANT 1	12.44	---
	100	5500	ANT 2	12.43	---
	100	5500	SUM	15.45	PASS
	140	5700	ANT 1	8.87	---
	140	5700	ANT 2	12.31	---
	140	5700	SUM	13.93	PASS
	144	5720	ANT 1	14.72	---
	144	5720	ANT 2	12.35	---
	144	5720	SUM	16.71	PASS
	149	5745	ANT 1	14.64	---
	149	5745	ANT 2	12.35	---
	149	5745	SUM	16.65	PASS
	165	5825	ANT 1	14.27	---
	165	5825	ANT 2	12.18	---
	165	5825	SUM	16.36	PASS
11N40	38	5190	ANT 1	8.39	PASS
	38	5190	ANT 2	10.22	PASS
	46	5230	ANT 1	13.06	PASS
	46	5230	ANT 2	10.20	PASS
	54	5270	ANT 1	12.89	PASS
	54	5270	ANT 2	10.08	PASS
	62	5310	ANT 1	9.83	PASS
	62	5310	ANT 2	10.11	PASS
	102	5510	ANT 1	7.29	PASS
	102	5510	ANT 2	9.95	PASS
	134	5670	ANT 1	12.13	PASS
	134	5670	ANT 2	9.68	PASS
	142	5710	ANT 1	12.37	PASS
	142	5710	ANT 2	10.09	PASS
	151	5755	ANT 1	12.67	PASS
	151	5755	ANT 2	9.84	PASS
	159	5795	ANT 1	12.59	PASS
	159	5795	ANT 2	9.74	PASS
11N40MIMO	38	5190	ANT 1	8.74	---
	38	5190	ANT 2	10.68	---
	38	5190	SUM	12.83	PASS
	46	5230	ANT 1	13.17	---
	46	5230	ANT 2	10.64	---
	46	5230	SUM	15.1	PASS

	54	5270	ANT 1	12.9	---
	54	5270	ANT 2	10.21	---
	54	5270	SUM	14.77	PASS
	62	5310	ANT 1	10	---
	62	5310	ANT 2	10.21	---
	62	5310	SUM	13.12	PASS
	102	5510	ANT 1	7.45	---
	102	5510	ANT 2	10.23	---
	102	5510	SUM	12.07	PASS
	134	5670	ANT 1	12.18	---
	134	5670	ANT 2	9.99	---
	134	5670	SUM	14.23	PASS
	142	5710	ANT 1	12.49	---
	142	5710	ANT 2	10.37	---
	142	5710	SUM	14.57	PASS
	151	5755	ANT 1	12.72	---
	151	5755	ANT 2	10.14	---
	151	5755	SUM	14.63	PASS
	159	5795	ANT 1	12.68	---
	159	5795	ANT 2	9.84	---
	159	5795	SUM	14.5	PASS
11AC20	36	5180	ANT 1	13.02	PASS
	36	5180	ANT 2	13.01	PASS
	48	5240	ANT 1	15.11	PASS
	48	5240	ANT 2	12.98	PASS
	52	5260	ANT 1	15.01	PASS
	52	5260	ANT 2	13.14	PASS
	64	5320	ANT 1	12.88	PASS
	64	5320	ANT 2	13.03	PASS
	100	5500	ANT 1	12.41	PASS
	100	5500	ANT 2	12.36	PASS
	140	5700	ANT 1	9.30	PASS
	140	5700	ANT 2	12.44	PASS
	144	5720	ANT 1	14.74	PASS
	144	5720	ANT 2	12.48	PASS
	149	5745	ANT 1	15.09	PASS
	149	5745	ANT 2	12.43	PASS
	165	5825	ANT 1	14.67	PASS
	165	5825	ANT 2	12.78	PASS
11AC20MIMO	36	5180	ANT 1	12.81	---
	36	5180	ANT 2	12.33	---

	36	5180	SUM	15.59	PASS
	48	5240	ANT 1	14.45	---
	48	5240	ANT 2	12.60	---
	48	5240	SUM	16.63	PASS
	52	5260	ANT 1	14.61	---
	52	5260	ANT 2	12.45	---
	52	5260	SUM	16.67	PASS
	64	5320	ANT 1	12.57	---
	64	5320	ANT 2	12.34	---
	64	5320	SUM	15.47	PASS
	100	5500	ANT 1	12.44	---
	100	5500	ANT 2	12.52	---
	100	5500	SUM	15.49	PASS
	140	5700	ANT 1	8.88	---
	140	5700	ANT 2	12.22	---
	140	5700	SUM	13.87	PASS
	144	5720	ANT 1	14.70	---
	144	5720	ANT 2	12.46	---
	144	5720	SUM	16.73	PASS
	149	5745	ANT 1	14.66	---
	149	5745	ANT 2	12.47	---
	149	5745	SUM	16.71	PASS
	165	5825	ANT 1	14.24	---
	165	5825	ANT 2	12.32	---
	165	5825	SUM	16.40	PASS
11AC40	38	5190	ANT 1	8.00	PASS
	38	5190	ANT 2	10.24	PASS
	46	5230	ANT 1	12.66	PASS
	46	5230	ANT 2	10.29	PASS
	54	5270	ANT 1	12.50	PASS
	54	5270	ANT 2	10.06	PASS
	62	5310	ANT 1	9.40	PASS
	62	5310	ANT 2	9.85	PASS
	102	5510	ANT 1	6.94	PASS
	102	5510	ANT 2	9.96	PASS
	134	5670	ANT 1	12.09	PASS
	134	5670	ANT 2	9.67	PASS
	142	5710	ANT 1	12.06	PASS
	142	5710	ANT 2	10.10	PASS
	151	5755	ANT 1	12.28	PASS
	151	5755	ANT 2	9.83	PASS

	159	5795	ANT 1	12.11	PASS
	159	5795	ANT 2	9.77	PASS
11AC40MIMO	38	5190	ANT 1	8.71	---
	38	5190	ANT 2	10.58	---
	38	5190	SUM	12.76	PASS
	46	5230	ANT 1	13.15	---
	46	5230	ANT 2	10.59	---
	46	5230	SUM	15.07	PASS
	54	5270	ANT 1	12.91	---
	54	5270	ANT 2	10.38	---
	54	5270	SUM	14.84	PASS
	62	5310	ANT 1	9.87	---
	62	5310	ANT 2	10.31	---
	62	5310	SUM	13.11	PASS
	102	5510	ANT 1	7.64	---
	102	5510	ANT 2	10.27	---
	102	5510	SUM	12.16	PASS
	134	5670	ANT 1	12.19	---
	134	5670	ANT 2	9.88	---
	134	5670	SUM	14.2	PASS
	142	5710	ANT 1	12.56	---
	142	5710	ANT 2	10.44	---
	142	5710	SUM	14.64	PASS
	151	5755	ANT 1	12.69	---
	151	5755	ANT 2	10.31	---
	151	5755	SUM	14.67	PASS
	159	5795	ANT 1	12.53	---
	159	5795	ANT 2	9.88	---
	159	5795	SUM	14.41	PASS
11AC80	42	5210	ANT 1	7.6	PASS
	42	5210	ANT 2	9.08	PASS
	58	5290	ANT 1	11.22	PASS
	58	5290	ANT 2	8.72	PASS
	106	5530	ANT 1	6.84	PASS
	106	5530	ANT 2	8.66	PASS
	138	5690	ANT 1	11.38	PASS
	138	5690	ANT 2	8.73	PASS
	155	5775	ANT 1	11.61	PASS
	155	5775	ANT 2	8.8	PASS
11AC80MIMO	42	5210	ANT 1	7.39	---
	42	5210	ANT 2	9.55	---

	42	5210	SUM	11.61	PASS
	58	5290	ANT 1	10.76	---
	58	5290	ANT 2	9.41	---
	58	5290	SUM	13.15	PASS
	106	5530	ANT 1	7.06	---
	106	5530	ANT 2	9.17	---
	106	5530	SUM	11.25	PASS
	138	5690	ANT 1	11.1	---
	138	5690	ANT 2	9.23	---
	138	5690	SUM	13.27	PASS
	155	5775	ANT 1	11.42	---
	155	5775	ANT 2	9.29	---
	155	5775	SUM	13.49	PASS

Appendix E: Peak Power Spectral Density Level

10 Result Table

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Meas. Level (Cond.) [dBm]	Verdict
11A20	36	5180	ANT 1	3.05	PASS
	36	5180	ANT 2	2.60	PASS
	48	5240	ANT 1	5.55	PASS
	48	5240	ANT 2	2.23	PASS
	52	5260	ANT 1	4.70	PASS
	52	5260	ANT 2	2.34	PASS
	64	5320	ANT 1	3.06	PASS
	64	5320	ANT 2	2.42	PASS
	100	5500	ANT 1	2.65	PASS
	100	5500	ANT 2	2.27	PASS
	140	5700	ANT 1	-0.77	PASS
	140	5700	ANT 2	2.52	PASS
	144	5720	ANT 1	5.08	PASS
	144	5720	ANT 2	2.50	PASS
	149	5745	ANT 1	2.46	PASS
	149	5745	ANT 2	0.18	PASS
	165	5825	ANT 1	2.37	PASS
	165	5825	ANT 2	-0.31	PASS
11A20_CDD	36	5180	ANT 1	2.41	---
	36	5180	ANT 2	2.53	---
	36	5180	SUM	5.48	PASS
	48	5240	ANT 1	4.34	---
	48	5240	ANT 2	2.37	---
	48	5240	SUM	6.48	PASS
	52	5260	ANT 1	4.42	---
	52	5260	ANT 2	2.34	---
	52	5260	SUM	6.51	PASS
	64	5320	ANT 1	2.61	---
	64	5320	ANT 2	2.48	---
	64	5320	SUM	5.56	PASS
	100	5500	ANT 1	2.33	---
	100	5500	ANT 2	2.34	---
	100	5500	SUM	5.35	PASS

	140	5700	ANT 1	-1.29	---
	140	5700	ANT 2	2.49	---
	140	5700	SUM	4.01	PASS
	144	5720	ANT 1	4.78	---
	144	5720	ANT 2	2.72	---
	144	5720	SUM	6.88	PASS
	149	5745	ANT 1	2.21	---
	149	5745	ANT 2	0.02	---
	149	5745	SUM	4.26	PASS
	165	5825	ANT 1	1.89	---
	165	5825	ANT 2	0.33	---
	165	5825	SUM	4.19	PASS
11N20	36	5180	ANT 1	3.48	PASS
	36	5180	ANT 2	2.26	PASS
	48	5240	ANT 1	5.34	PASS
	48	5240	ANT 2	2.75	PASS
	52	5260	ANT 1	5.16	PASS
	52	5260	ANT 2	2.93	PASS
	64	5320	ANT 1	3.20	PASS
	64	5320	ANT 2	2.12	PASS
	100	5500	ANT 1	2.44	PASS
	100	5500	ANT 2	1.97	PASS
	140	5700	ANT 1	-0.63	PASS
	140	5700	ANT 2	2.32	PASS
	144	5720	ANT 1	5.04	PASS
	144	5720	ANT 2	2.24	PASS
	149	5745	ANT 1	3.83	PASS
	149	5745	ANT 2	0.46	PASS
	165	5825	ANT 1	3.36	PASS
	165	5825	ANT 2	0.73	PASS
11N20MIMO	36	5180	ANT 1	2.52	---
	36	5180	ANT 2	2.74	---
	36	5180	SUM	5.64	PASS
	48	5240	ANT 1	4.69	---
	48	5240	ANT 2	2.60	---
	48	5240	SUM	6.78	PASS
	52	5260	ANT 1	4.61	---
	52	5260	ANT 2	2.75	---
	52	5260	SUM	6.79	PASS
	64	5320	ANT 1	2.37	---

	64	5320	ANT 2	2.85	---
	64	5320	SUM	5.63	PASS
	100	5500	ANT 1	2.59	---
	100	5500	ANT 2	2.63	---
	100	5500	SUM	5.62	PASS
	140	5700	ANT 1	-1.19	---
	140	5700	ANT 2	2.74	---
	140	5700	SUM	4.22	PASS
	144	5720	ANT 1	4.89	---
	144	5720	ANT 2	2.95	---
	144	5720	SUM	7.04	PASS
	149	5745	ANT 1	2.86	---
	149	5745	ANT 2	0.89	---
	149	5745	SUM	5.00	PASS
	165	5825	ANT 1	2.76	---
	165	5825	ANT 2	0.44	---
	165	5825	SUM	4.76	PASS
11N40	38	5190	ANT 1	-4.72	PASS
	38	5190	ANT 2	-2.72	PASS
	46	5230	ANT 1	0.05	PASS
	46	5230	ANT 2	-2.50	PASS
	54	5270	ANT 1	-0.10	PASS
	54	5270	ANT 2	-3.12	PASS
	62	5310	ANT 1	-2.91	PASS
	62	5310	ANT 2	-2.97	PASS
	102	5510	ANT 1	-5.54	PASS
	102	5510	ANT 2	-3.26	PASS
	134	5670	ANT 1	-0.46	PASS
	134	5670	ANT 2	-2.80	PASS
	142	5710	ANT 1	-0.58	PASS
	142	5710	ANT 2	-2.65	PASS
	151	5755	ANT 1	-2.32	PASS
	151	5755	ANT 2	-4.71	PASS
	159	5795	ANT 1	-2.56	PASS
	159	5795	ANT 2	-5.08	PASS
11N40MIMO	38	5190	ANT 1	-4.17	---
	38	5190	ANT 2	-1.95	---
	38	5190	SUM	0.09	PASS
	46	5230	ANT 1	0.13	---
	46	5230	ANT 2	-1.95	---
	46	5230	SUM	2.22	PASS

	54	5270	ANT 1	-0.17	---
	54	5270	ANT 2	-2.20	---
	54	5270	SUM	1.94	PASS
	62	5310	ANT 1	-3.05	---
	62	5310	ANT 2	-2.13	---
	62	5310	SUM	0.44	PASS
	102	5510	ANT 1	-5.28	---
	102	5510	ANT 2	-2.15	---
	102	5510	SUM	-0.43	PASS
	134	5670	ANT 1	-0.60	---
	134	5670	ANT 2	-2.25	---
	134	5670	SUM	1.66	PASS
	142	5710	ANT 1	-0.47	---
	142	5710	ANT 2	-1.33	---
	142	5710	SUM	2.13	PASS
	151	5755	ANT 1	-2.24	---
	151	5755	ANT 2	-3.95	---
	151	5755	SUM	0.00	PASS
	159	5795	ANT 1	-2.17	---
	159	5795	ANT 2	-4.59	---
	159	5795	SUM	-0.20	PASS
11AC20	36	5180	ANT 1	3.11	PASS
	36	5180	ANT 2	2.90	PASS
	48	5240	ANT 1	4.78	PASS
	48	5240	ANT 2	2.72	PASS
	52	5260	ANT 1	4.62	PASS
	52	5260	ANT 2	3.00	PASS
	64	5320	ANT 1	2.77	PASS
	64	5320	ANT 2	2.66	PASS
	100	5500	ANT 1	2.07	PASS
	100	5500	ANT 2	2.15	PASS
	140	5700	ANT 1	-0.96	PASS
	140	5700	ANT 2	2.29	PASS
	144	5720	ANT 1	4.47	PASS
	144	5720	ANT 2	2.30	PASS
	149	5745	ANT 1	2.98	PASS
	149	5745	ANT 2	0.32	PASS
	165	5825	ANT 1	2.81	PASS
	165	5825	ANT 2	0.53	PASS
11AC20MIMO	36	5180	ANT 1	2.72	---
	36	5180	ANT 2	3.05	---

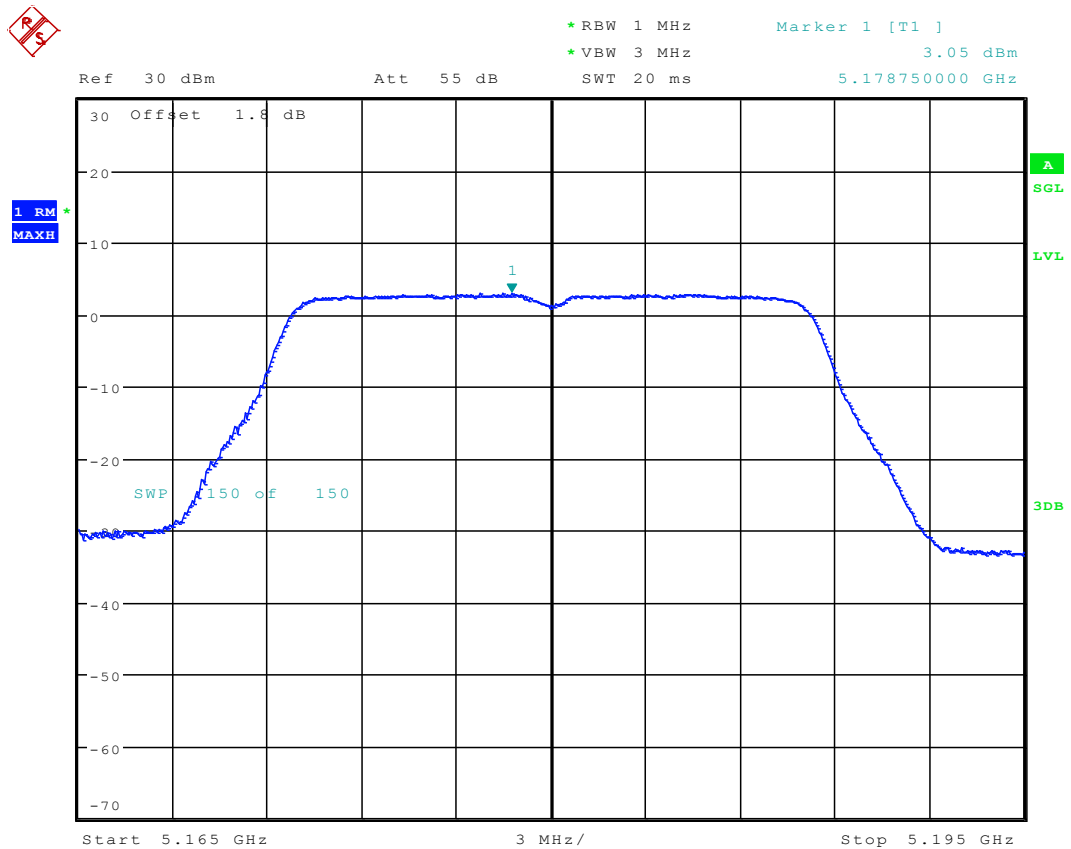
	36	5180	SUM	5.90	PASS
	48	5240	ANT 1	4.58	---
	48	5240	ANT 2	2.58	---
	48	5240	SUM	6.70	PASS
	52	5260	ANT 1	4.44	---
	52	5260	ANT 2	2.83	---
	52	5260	SUM	6.72	PASS
	64	5320	ANT 1	2.62	---
	64	5320	ANT 2	2.80	---
	64	5320	SUM	5.72	PASS
	100	5500	ANT 1	2.46	---
	100	5500	ANT 2	2.90	---
	100	5500	SUM	5.69	PASS
	140	5700	ANT 1	-0.84	---
	140	5700	ANT 2	2.70	---
	140	5700	SUM	4.29	PASS
	144	5720	ANT 1	4.81	---
	144	5720	ANT 2	3.13	---
	144	5720	SUM	7.06	PASS
	149	5745	ANT 1	3.05	---
	149	5745	ANT 2	1.32	---
	149	5745	SUM	5.28	PASS
	165	5825	ANT 1	2.61	---
	165	5825	ANT 2	0.76	---
	165	5825	SUM	4.78	PASS
11AC40	38	5190	ANT 1	-5.00	PASS
	38	5190	ANT 2	-2.68	PASS
	46	5230	ANT 1	-0.34	PASS
	46	5230	ANT 2	-2.61	PASS
	54	5270	ANT 1	-0.45	PASS
	54	5270	ANT 2	-3.17	PASS
	62	5310	ANT 1	-3.41	PASS
	62	5310	ANT 2	-3.04	PASS
	102	5510	ANT 1	-5.72	PASS
	102	5510	ANT 2	-2.82	PASS
	134	5670	ANT 1	-0.80	PASS
	134	5670	ANT 2	-2.78	PASS
	142	5710	ANT 1	-0.62	PASS
	142	5710	ANT 2	-2.43	PASS
	151	5755	ANT 1	-2.63	PASS
	151	5755	ANT 2	-4.57	PASS

	159	5795	ANT 1	-2.64	PASS
	159	5795	ANT 2	-5.00	PASS
11AC40MIMO	38	5190	ANT 1	-3.99	---
	38	5190	ANT 2	-2.03	---
	38	5190	SUM	0.11	PASS
	46	5230	ANT 1	0.07	---
	46	5230	ANT 2	-1.96	---
	46	5230	SUM	2.18	PASS
	54	5270	ANT 1	-0.45	---
	54	5270	ANT 2	-2.23	---
	54	5270	SUM	1.76	PASS
	62	5310	ANT 1	-2.95	---
	62	5310	ANT 2	-1.92	---
	62	5310	SUM	0.61	PASS
	102	5510	ANT 1	-5.12	---
	102	5510	ANT 2	-1.66	---
	102	5510	SUM	-0.04	PASS
	134	5670	ANT 1	-0.76	---
	134	5670	ANT 2	-2.25	---
	134	5670	SUM	1.57	PASS
	142	5710	ANT 1	-0.50	---
	142	5710	ANT 2	-1.99	---
	142	5710	SUM	1.83	PASS
	151	5755	ANT 1	-2.18	---
	151	5755	ANT 2	-4.01	---
	151	5755	SUM	0.01	PASS
	159	5795	ANT 1	-2.22	---
	159	5795	ANT 2	-4.47	---
	159	5795	SUM	-0.19	PASS
11AC80	42	5210	ANT 1	-8.23	PASS
	42	5210	ANT 2	-6.62	PASS
	58	5290	ANT 1	-4.32	PASS
	58	5290	ANT 2	-6.87	PASS
	106	5530	ANT 1	-8.63	PASS
	106	5530	ANT 2	-6.94	PASS
	138	5690	ANT 1	-3.94	PASS
	138	5690	ANT 2	-6.28	PASS
	155	5775	ANT 1	-5.97	PASS
	155	5775	ANT 2	-8.84	PASS
11AC80MIMO	42	5210	ANT 1	-8.01	---
	42	5210	ANT 2	-6.05	---

42	5210	SUM	-3.91	PASS
58	5290	ANT 1	-5.00	---
58	5290	ANT 2	-6.30	---
58	5290	SUM	-2.59	PASS
106	5530	ANT 1	-8.75	---
106	5530	ANT 2	-6.69	---
106	5530	SUM	-4.59	PASS
138	5690	ANT 1	-4.28	---
138	5690	ANT 2	-6.19	---
138	5690	SUM	-2.12	PASS
155	5775	ANT 1	-5.85	---
155	5775	ANT 2	-8.10	---
155	5775	SUM	-3.82	PASS

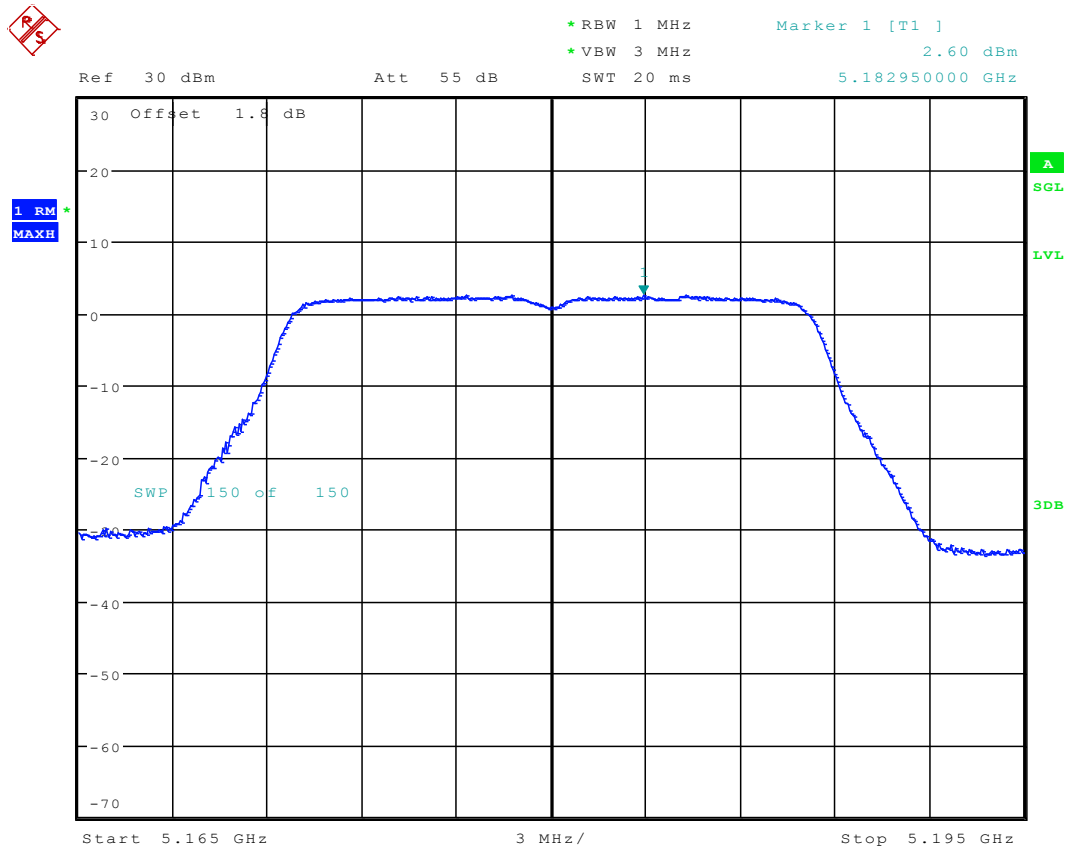
11 Test Plot

11.1 11A20_36 ANT 1



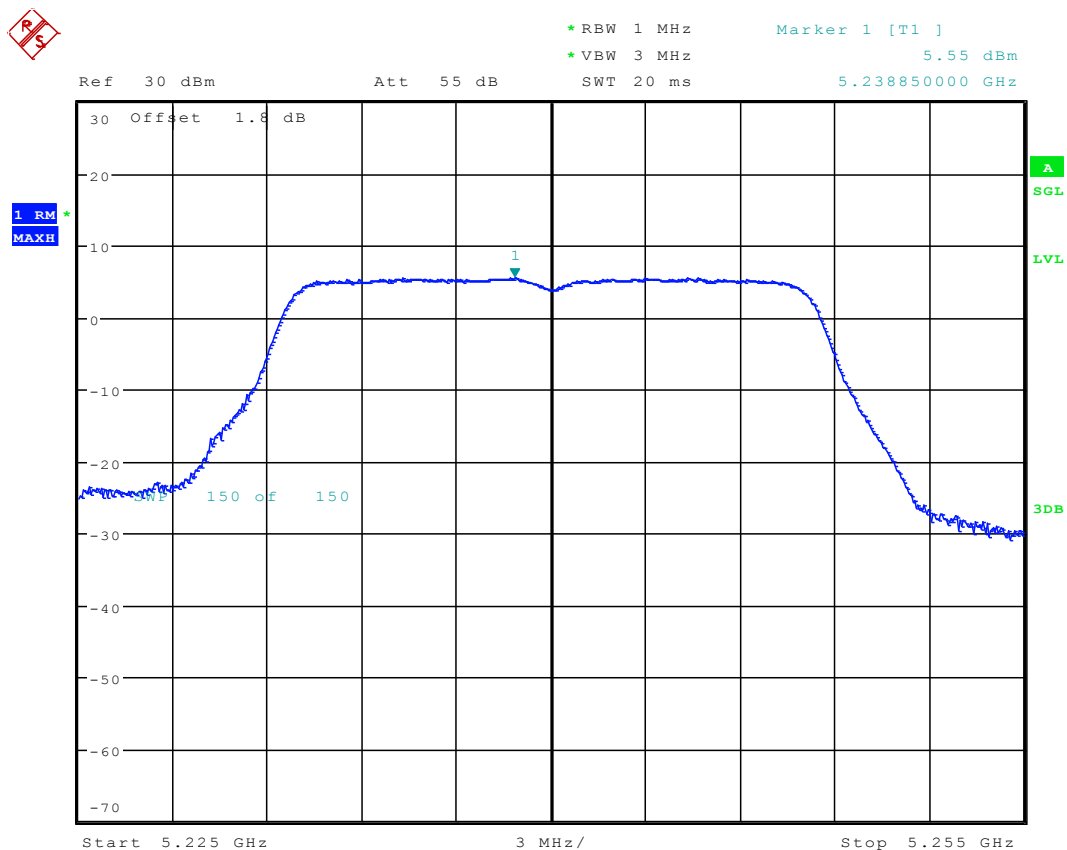
Date: 1.DEC.2017 17:29:25

11.2 11A20_36 ANT 2



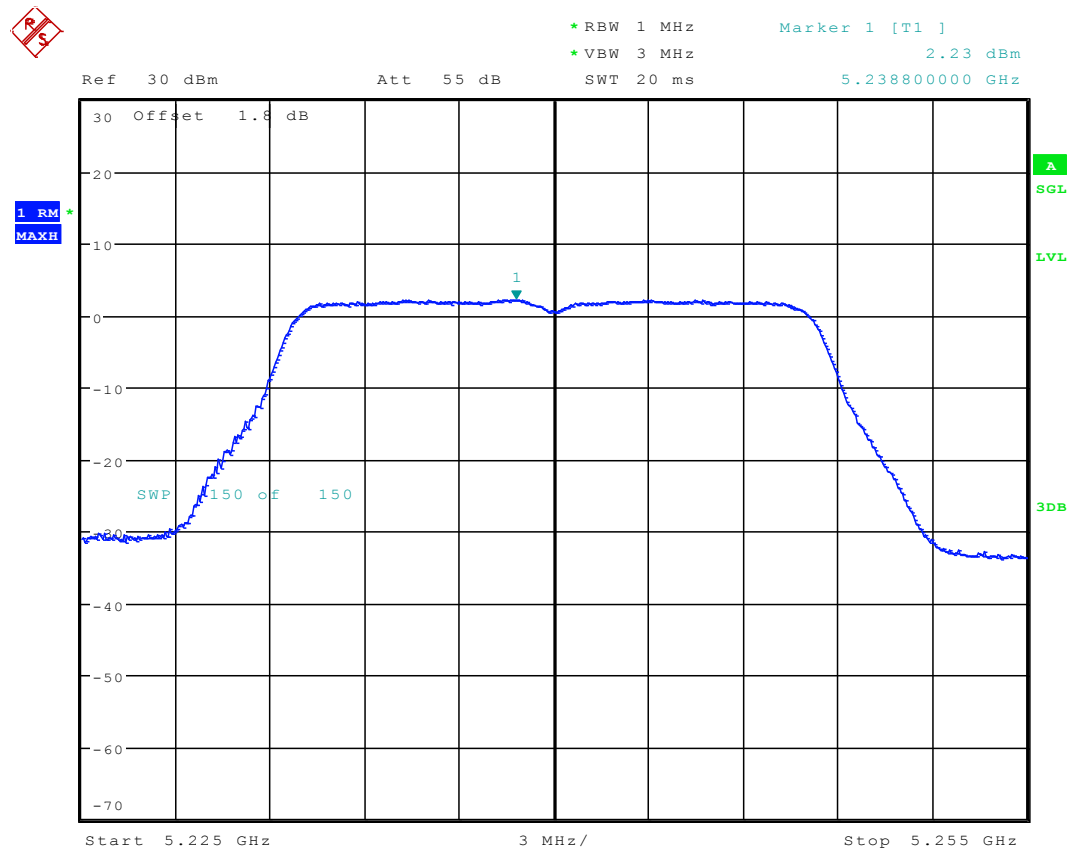
Date: 2.DEC.2017 11:37:30

11.3 11A20_48 ANT 1



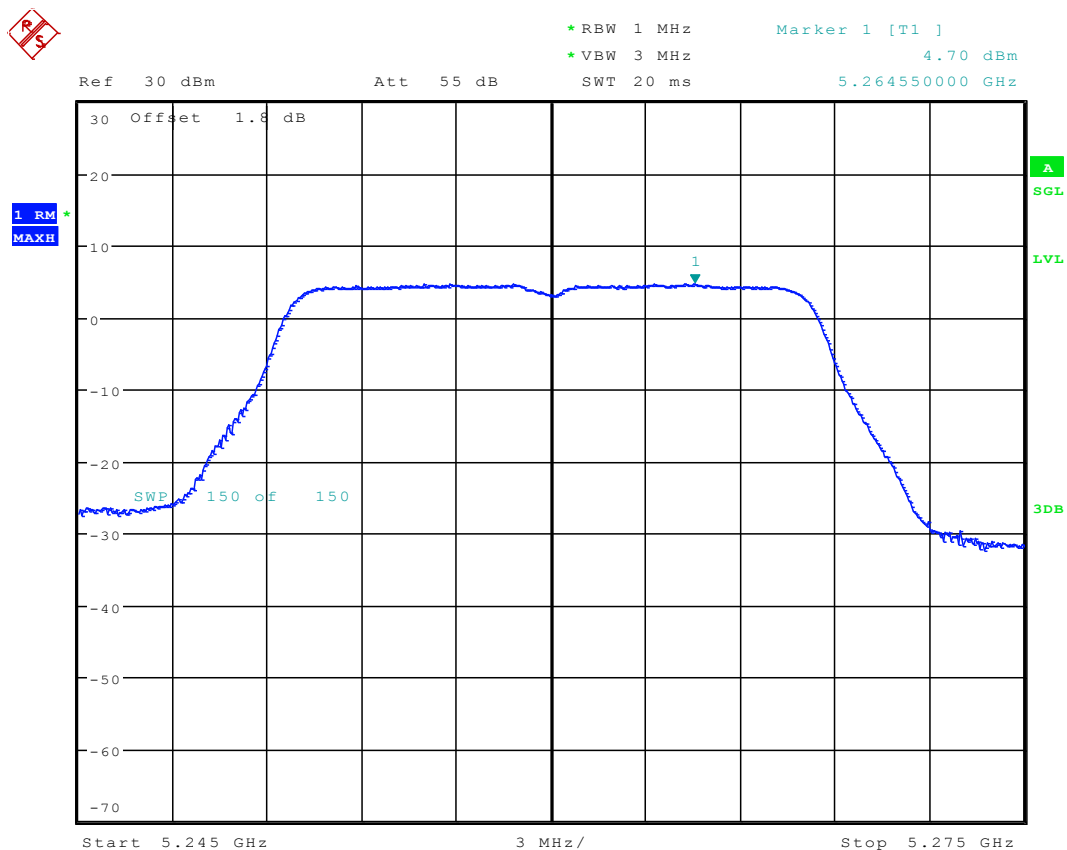
Date: 1.DEC.2017 17:32:16

11.4 11A20_48 ANT 2



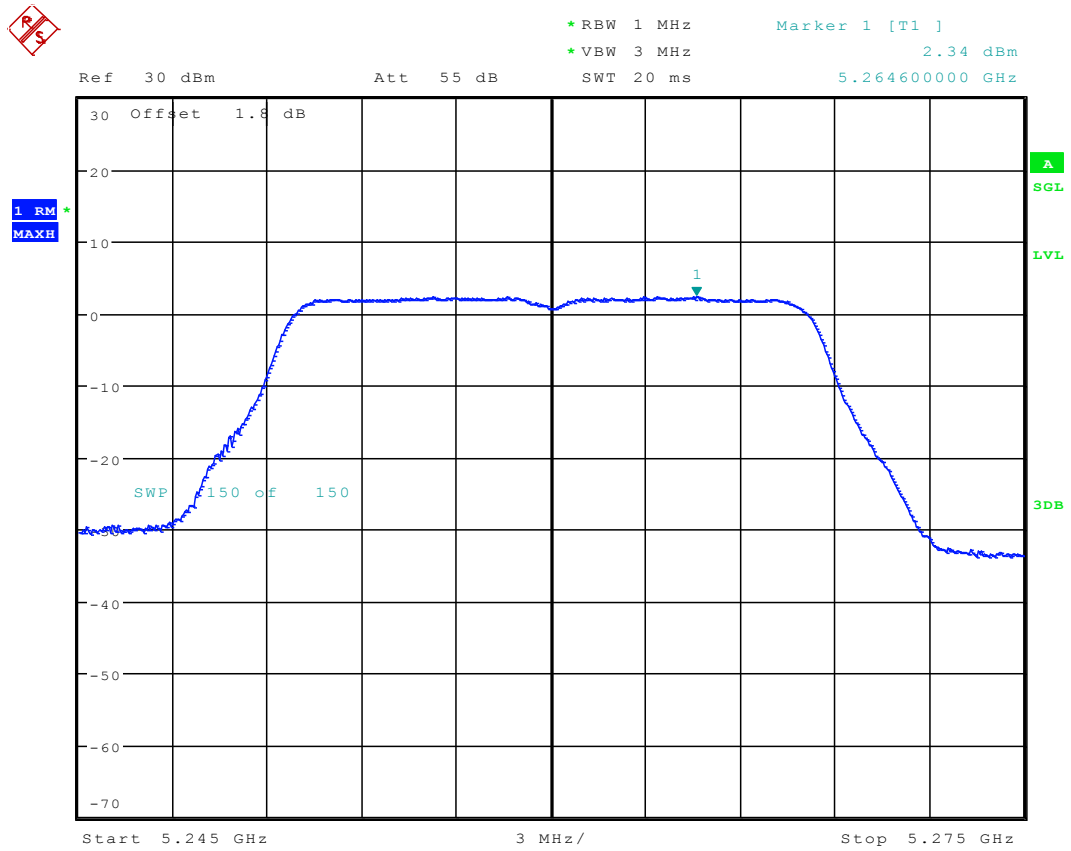
Date: 2.DEC.2017 11:39:52

11.5 11A20_52 ANT 1



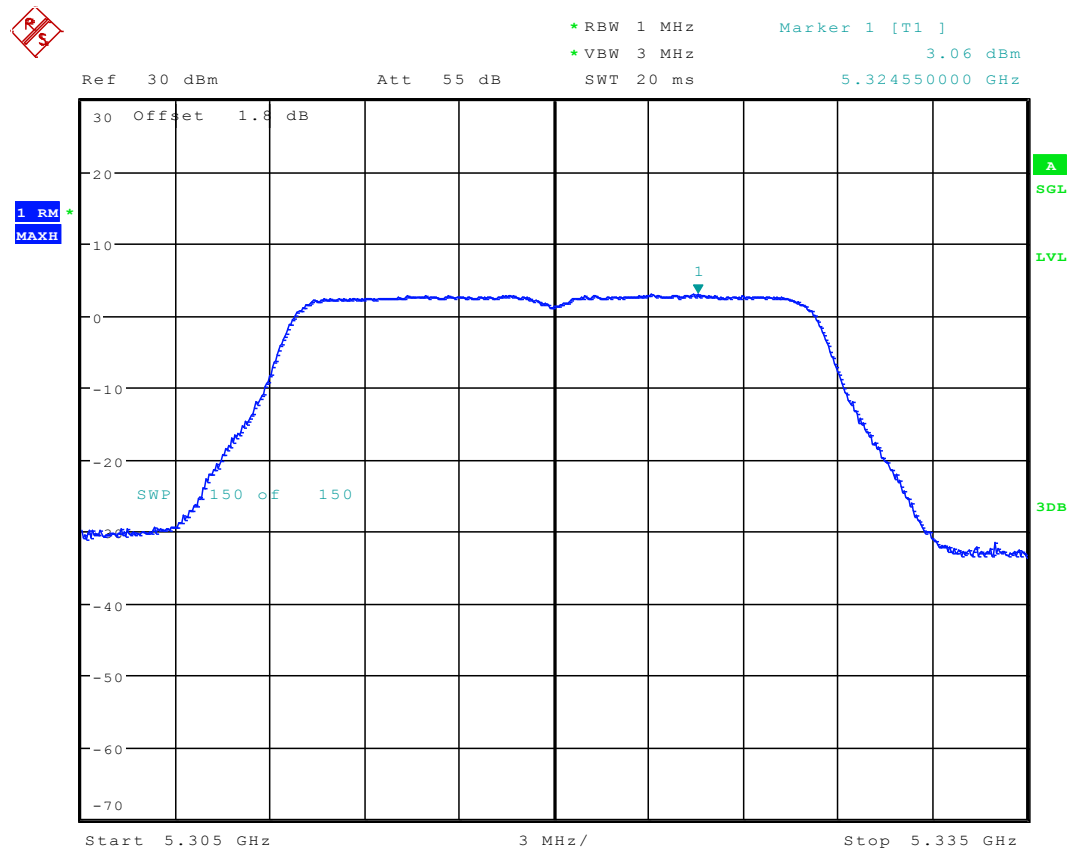
Date: 1.DEC.2017 17:34:28

11.6 11A20_52 ANT 2



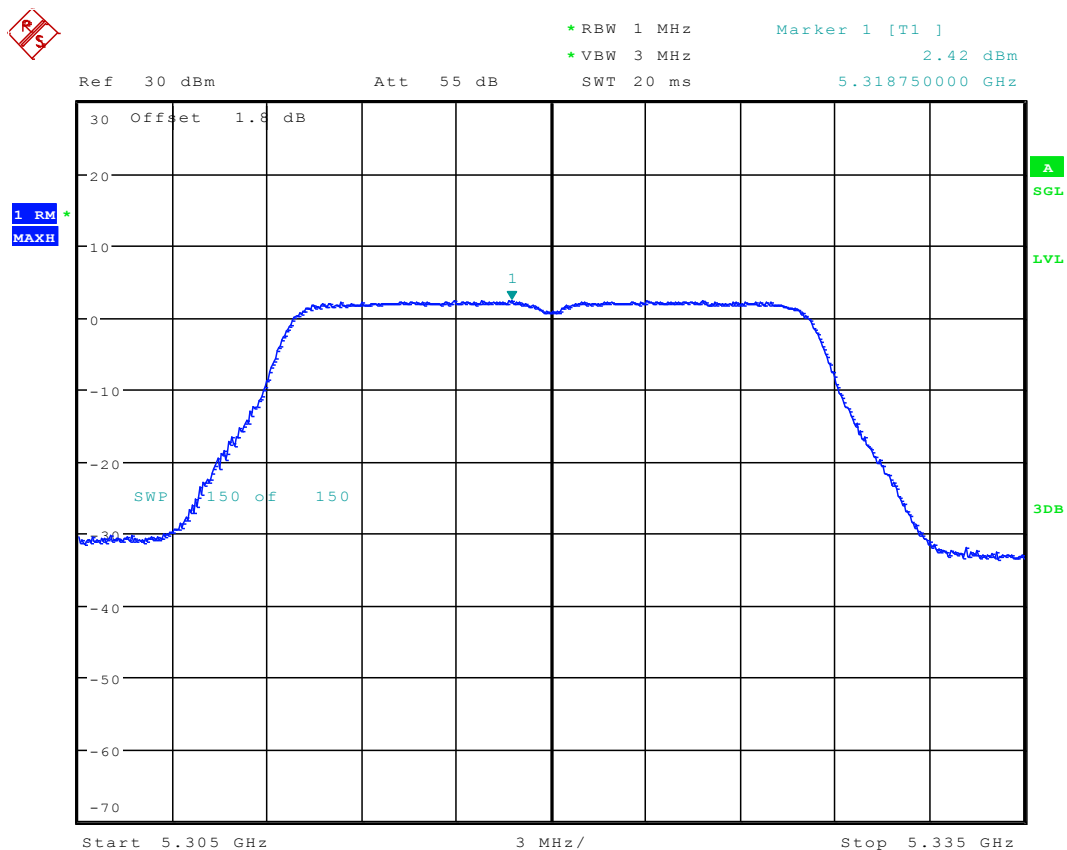
Date: 2.DEC.2017 11:42:17

11.7 11A20_64 ANT 1



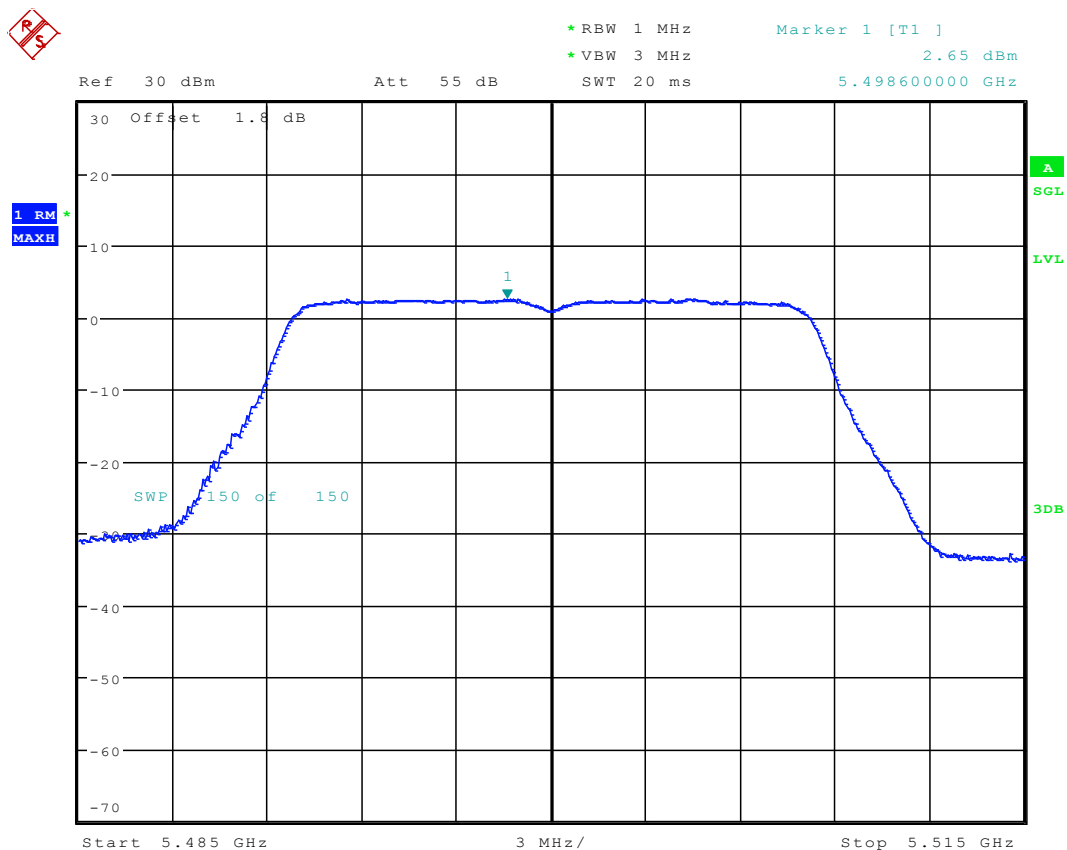
Date: 1.DEC.2017 17:36:32

11.8 11A20_64 ANT 2



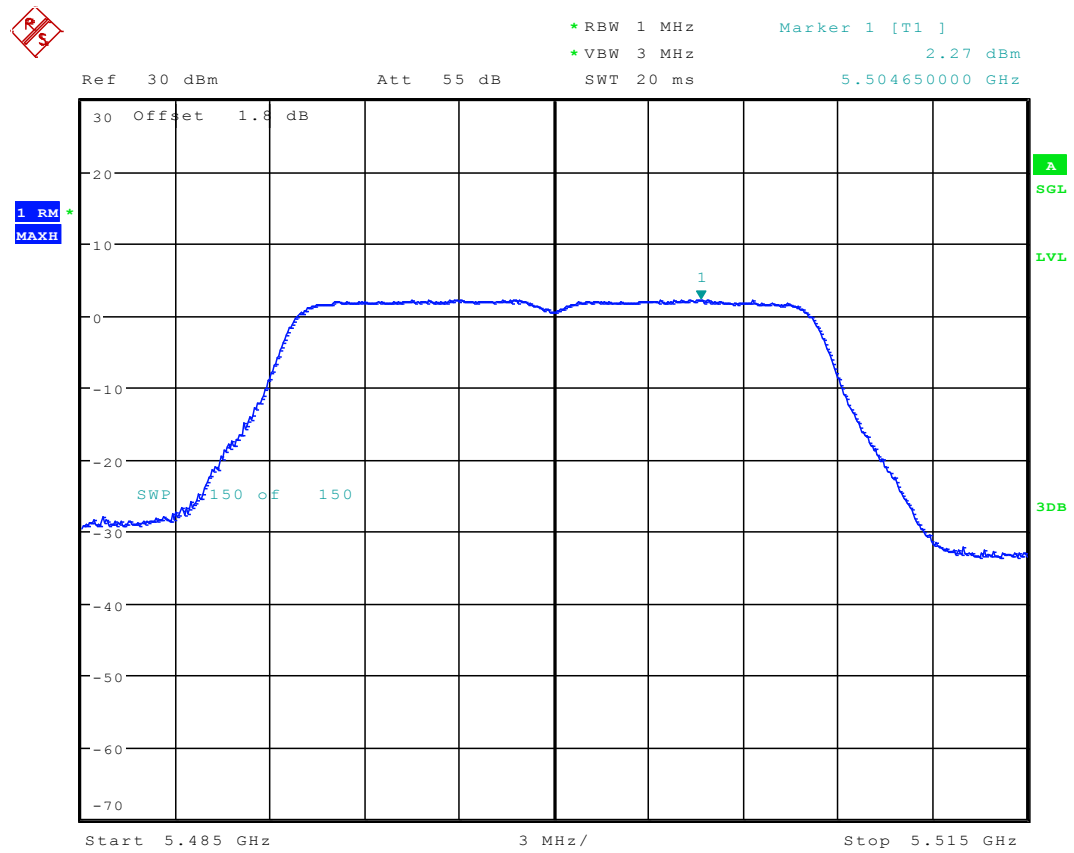
Date: 2.DEC.2017 11:44:29

11.9 11A20_100 ANT 1



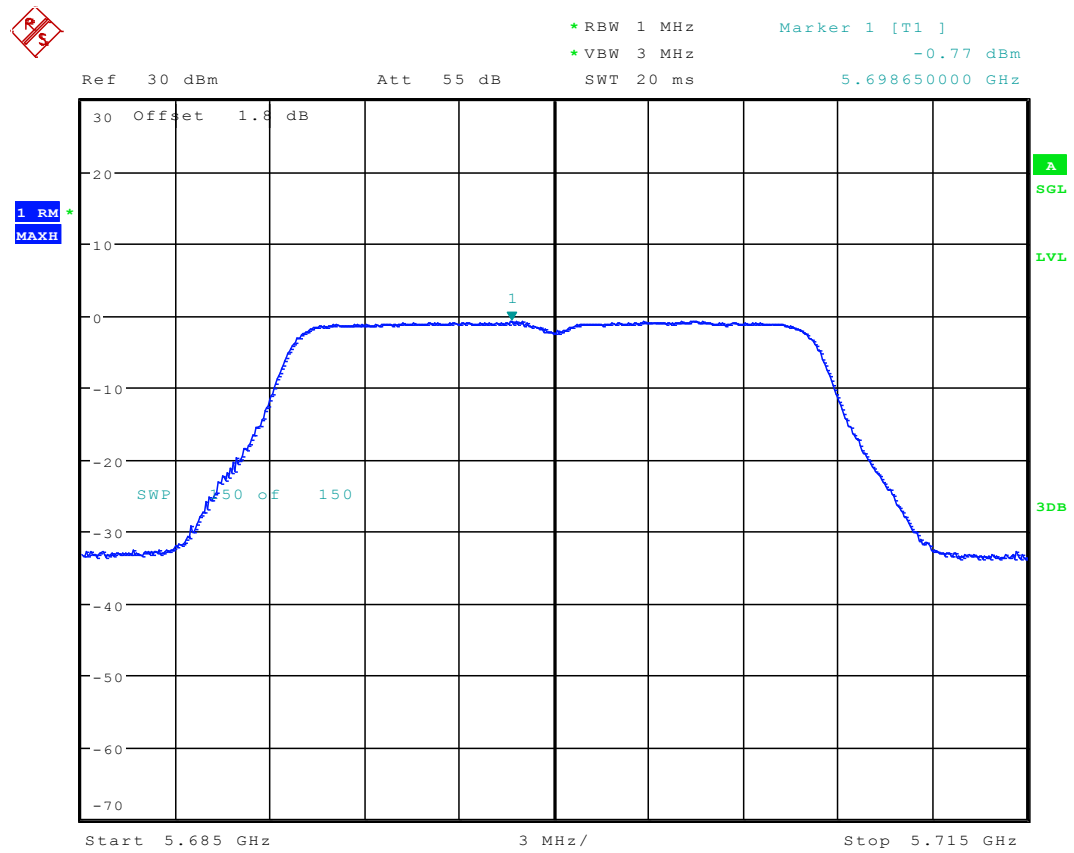
Date: 1.DEC.2017 17:38:41

11.10 11A20_100 ANT 2



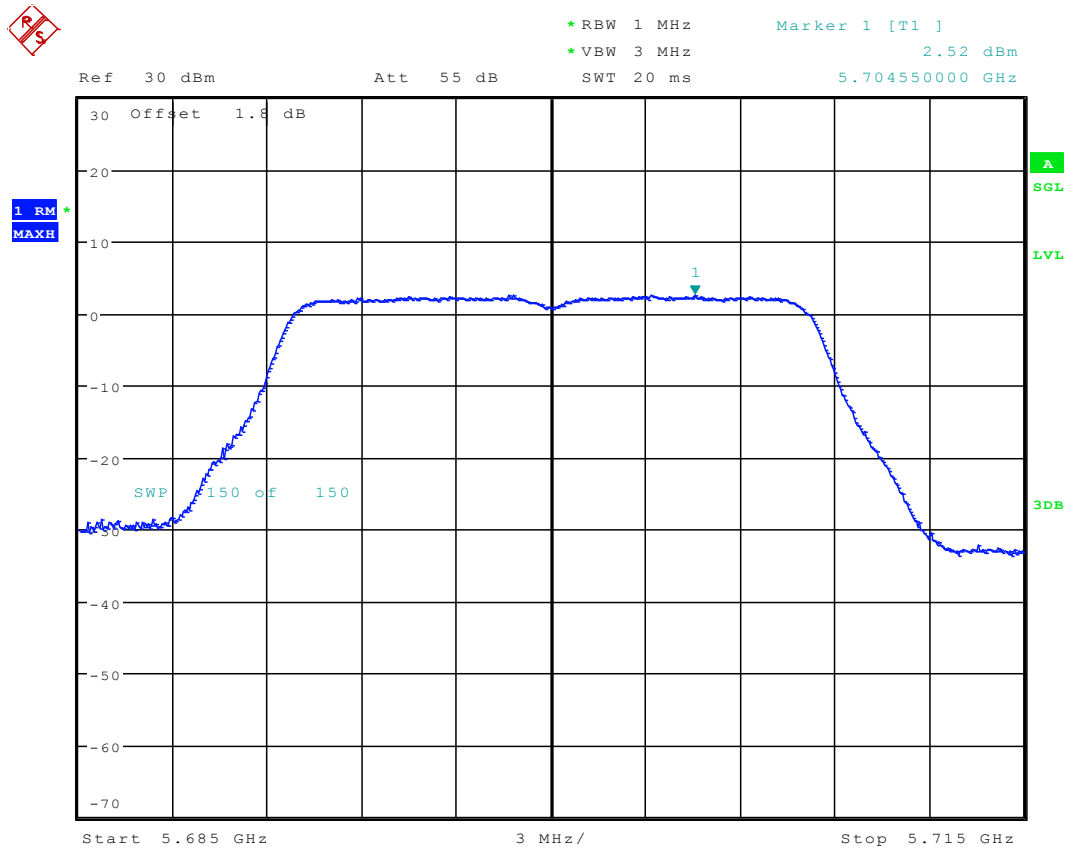
Date: 2.DEC.2017 11:46:51

11.11 11A20_140 ANT 1



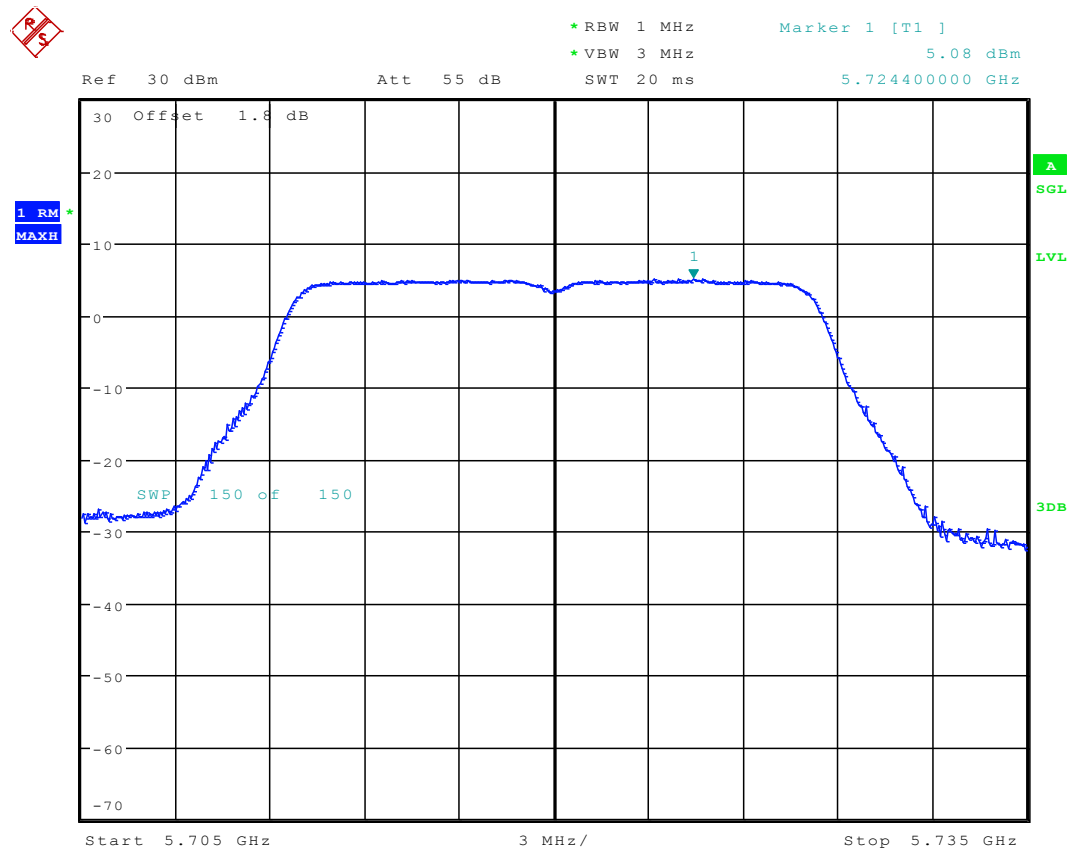
Date: 1.DEC.2017 17:40:43

11.12 11A20_140 ANT 2



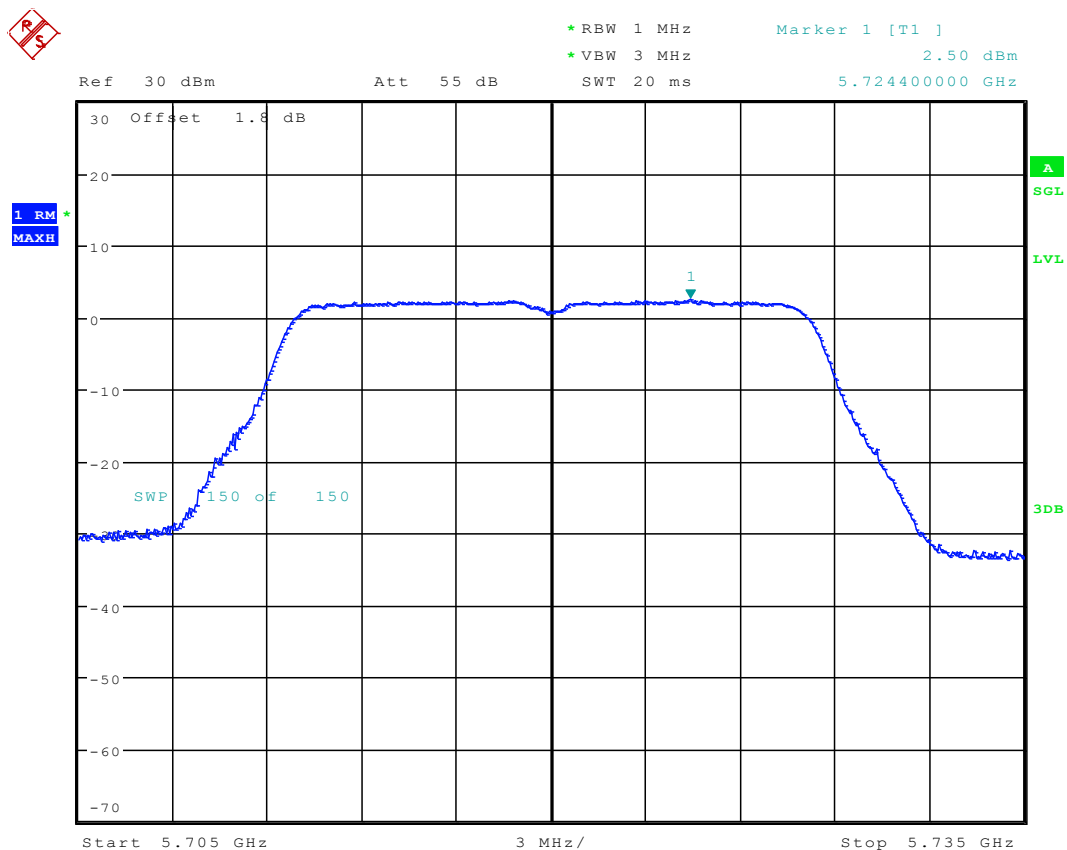
Date: 2.DEC.2017 11:49:04

11.13 11A20_144 ANT 1



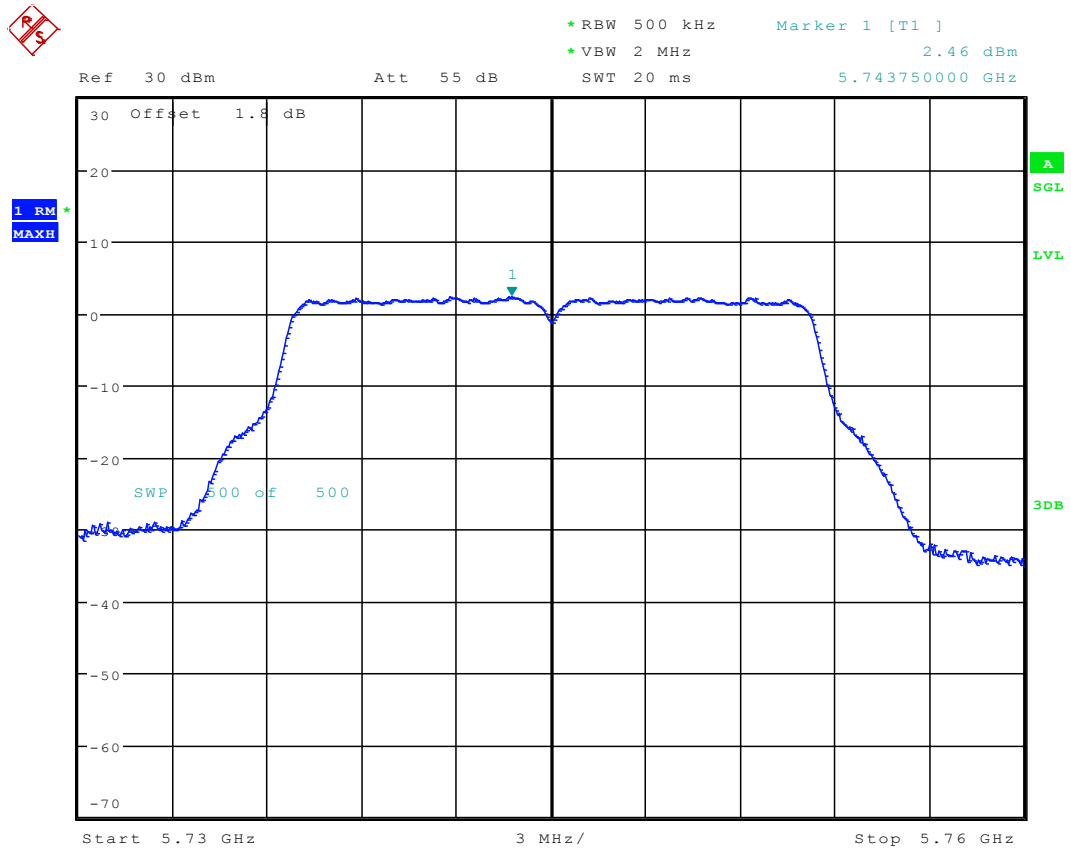
Date: 1.DEC.2017 17:42:57

11.14 11A20_144 ANT 2



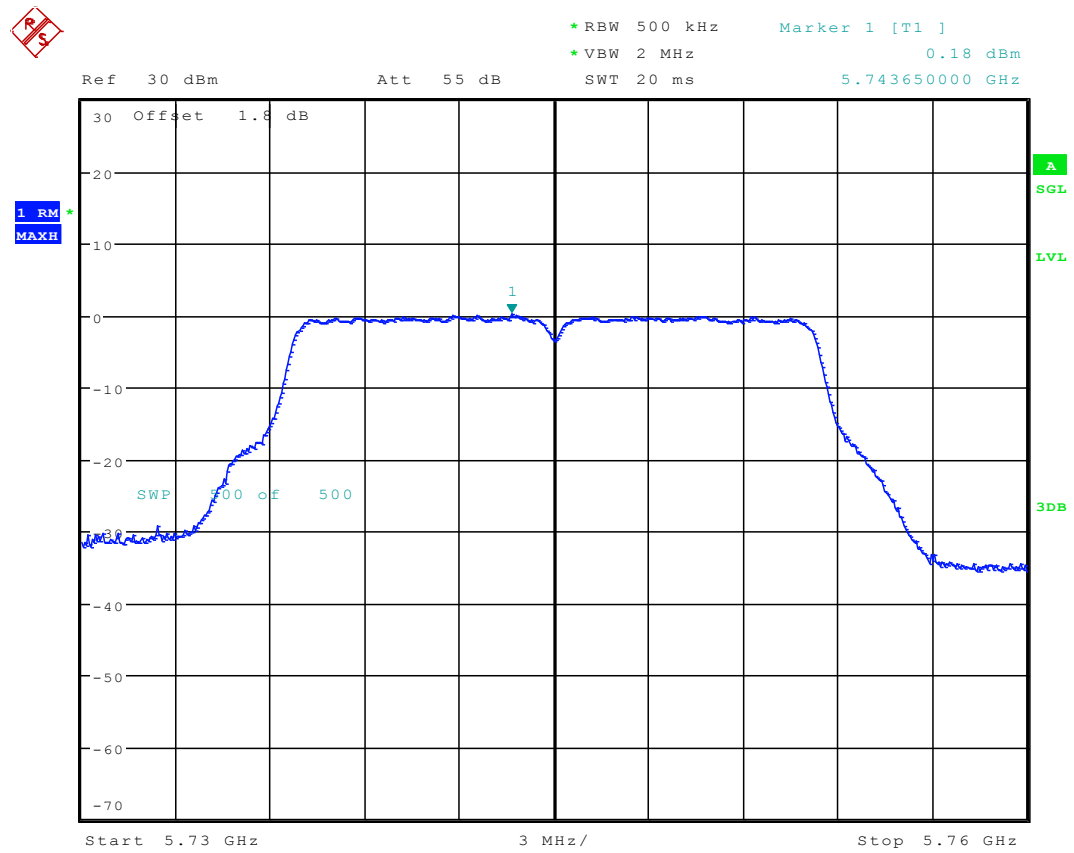
Date: 2.DEC.2017 11:51:16

11.15 11A20_149 ANT 1



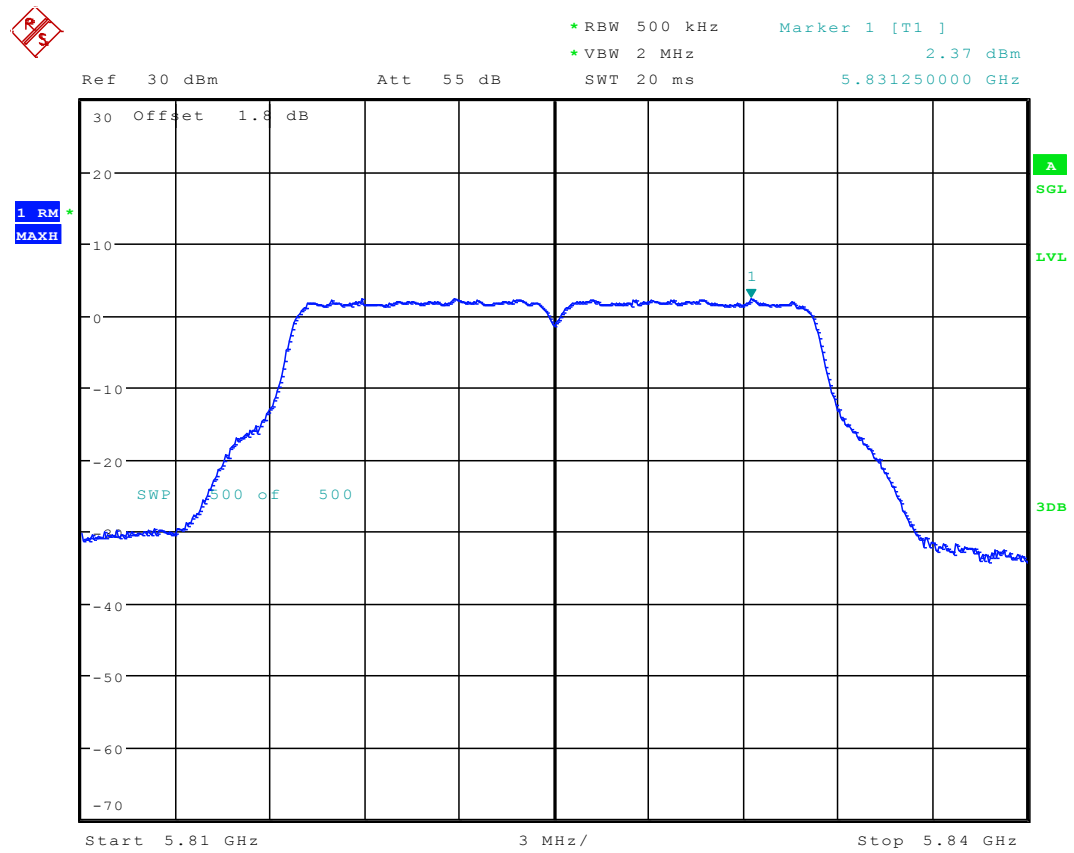
Date: 1.DEC.2017 17:45:45

11.16 11A20_149 ANT 2



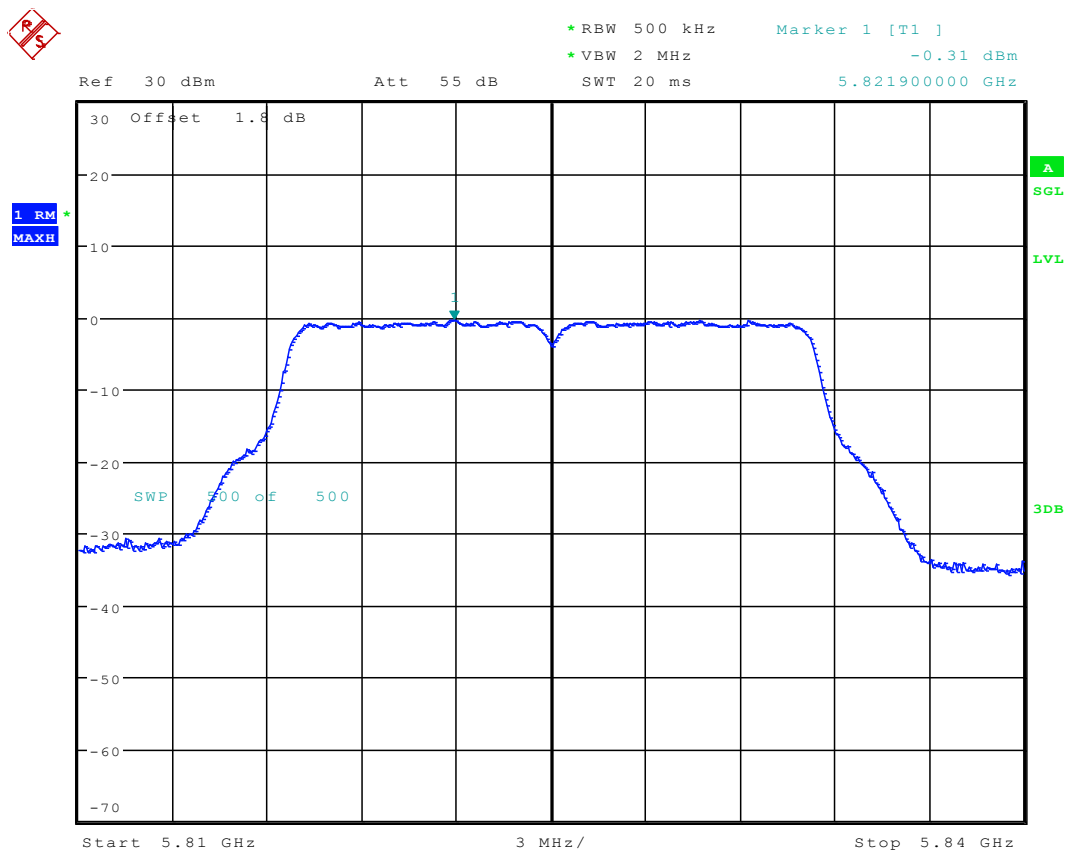
Date: 2.DEC.2017 11:54:50

11.17 11A20_165 ANT 1



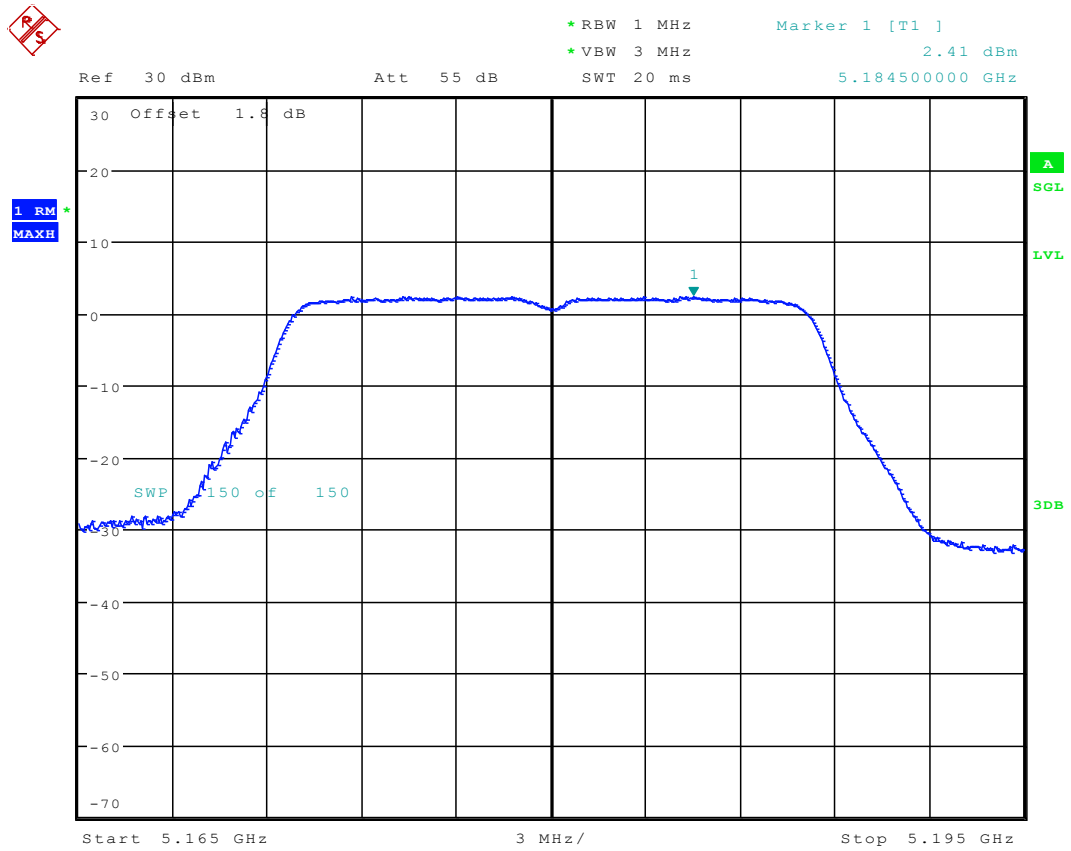
Date: 1.DEC.2017 17:51:12

11.18 11A20_165 ANT 2



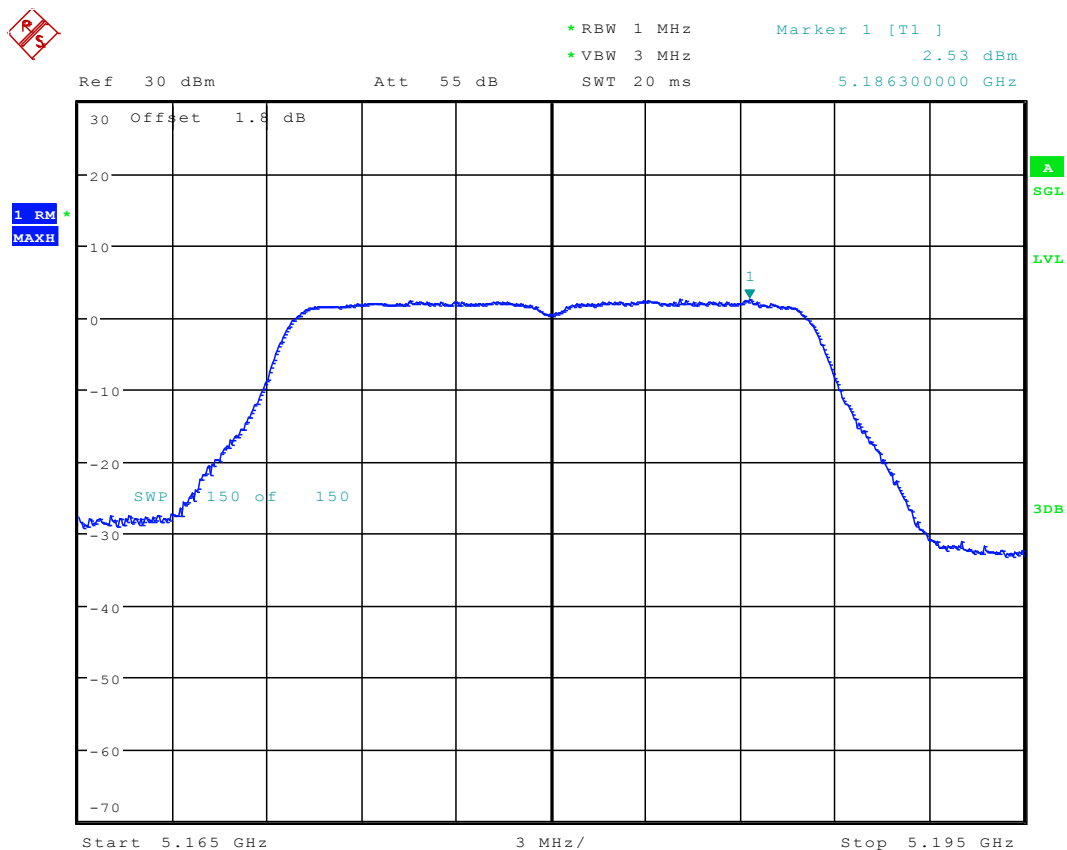
Date: 2.DEC.2017 12:00:19

11.1 11A20_CDD_36 ANT 1



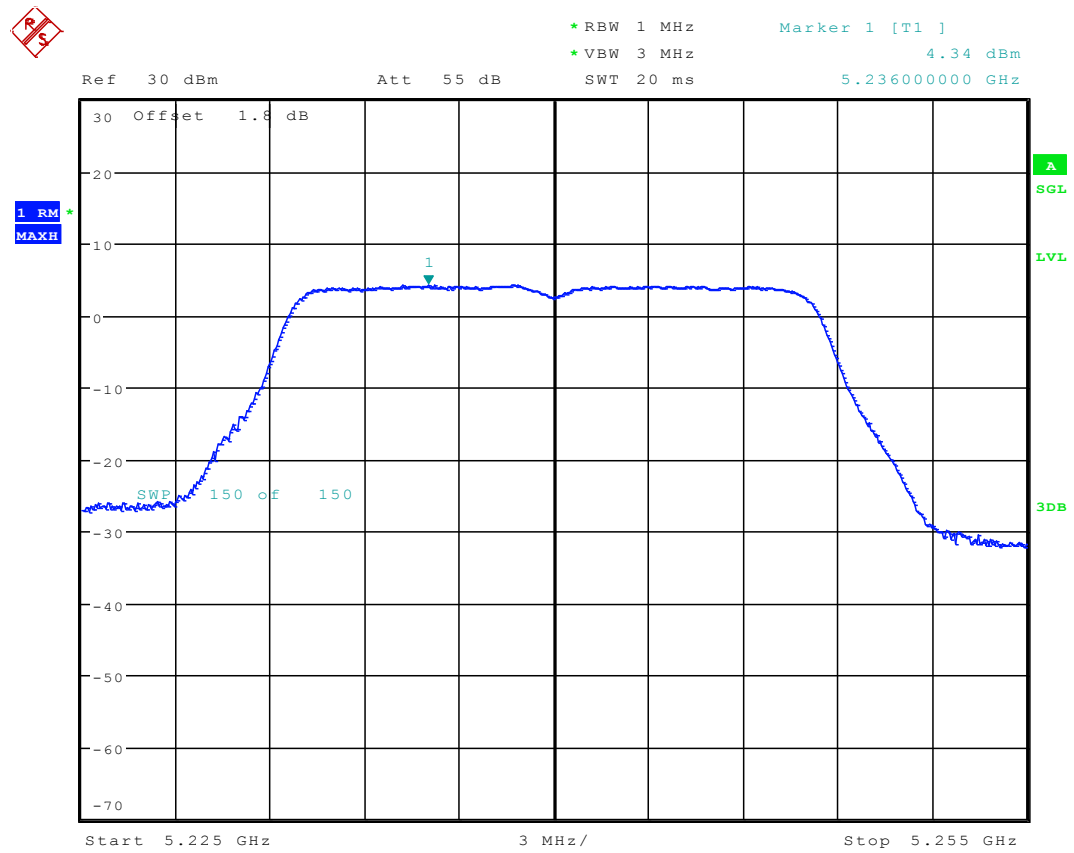
Date: 2.DEC.2017 13:22:32

11.2 11A20_CDD_36 ANT 2



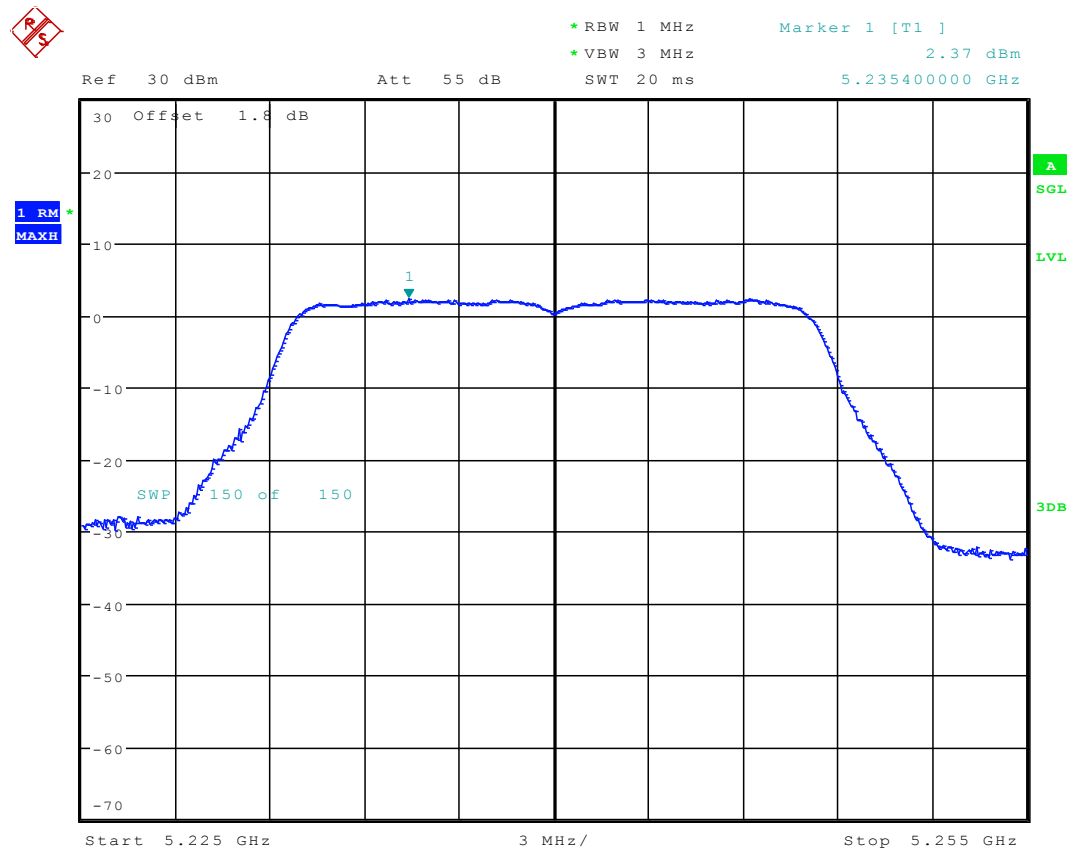
Date: 2.DEC.2017 16:08:00

11.3 11A20_CDD_48 ANT 1



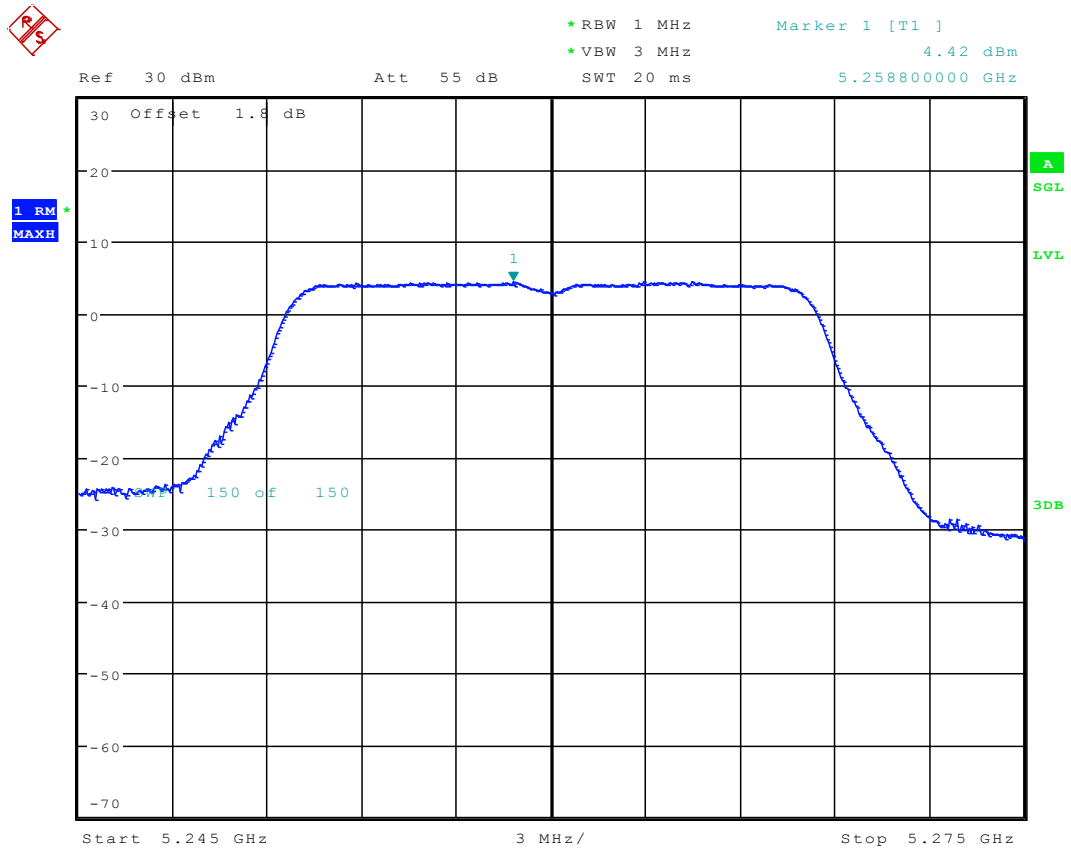
Date: 2.DEC.2017 13:24:47

11.4 11A20_CDD_48 ANT 2



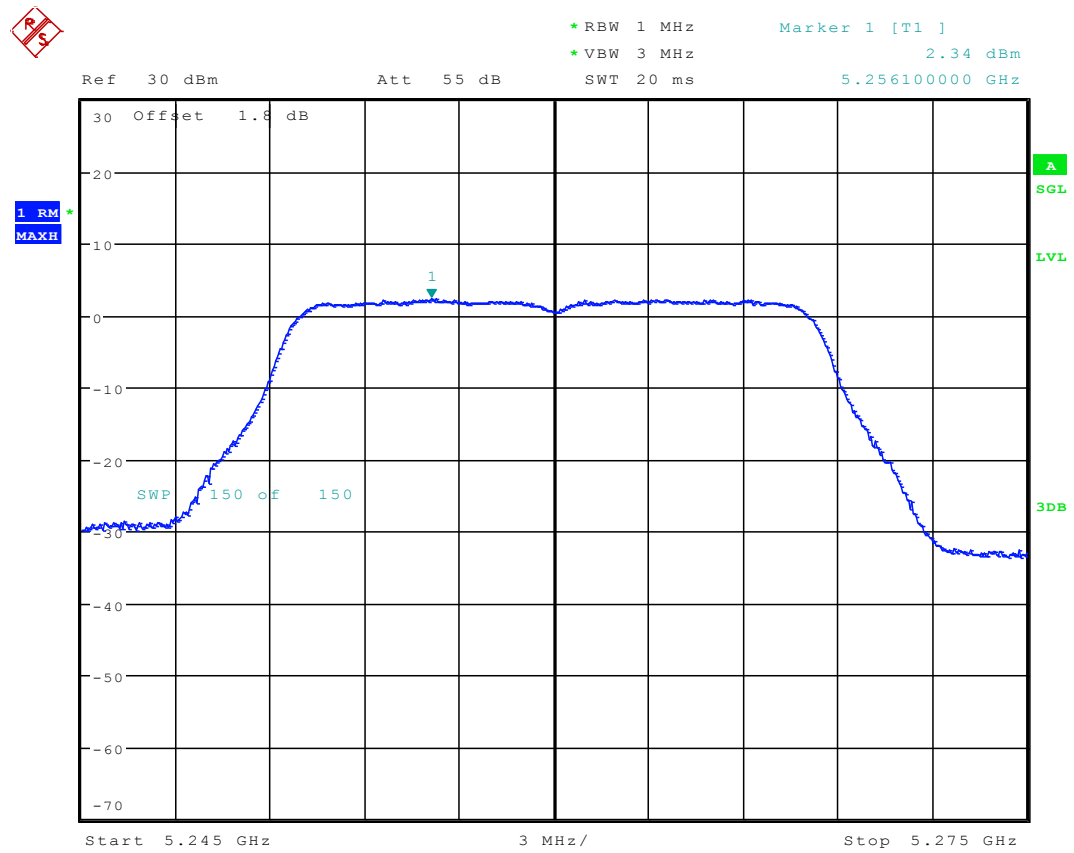
Date: 2.DEC.2017 16:10:18

11.5 11A20_CDD_52 ANT 1



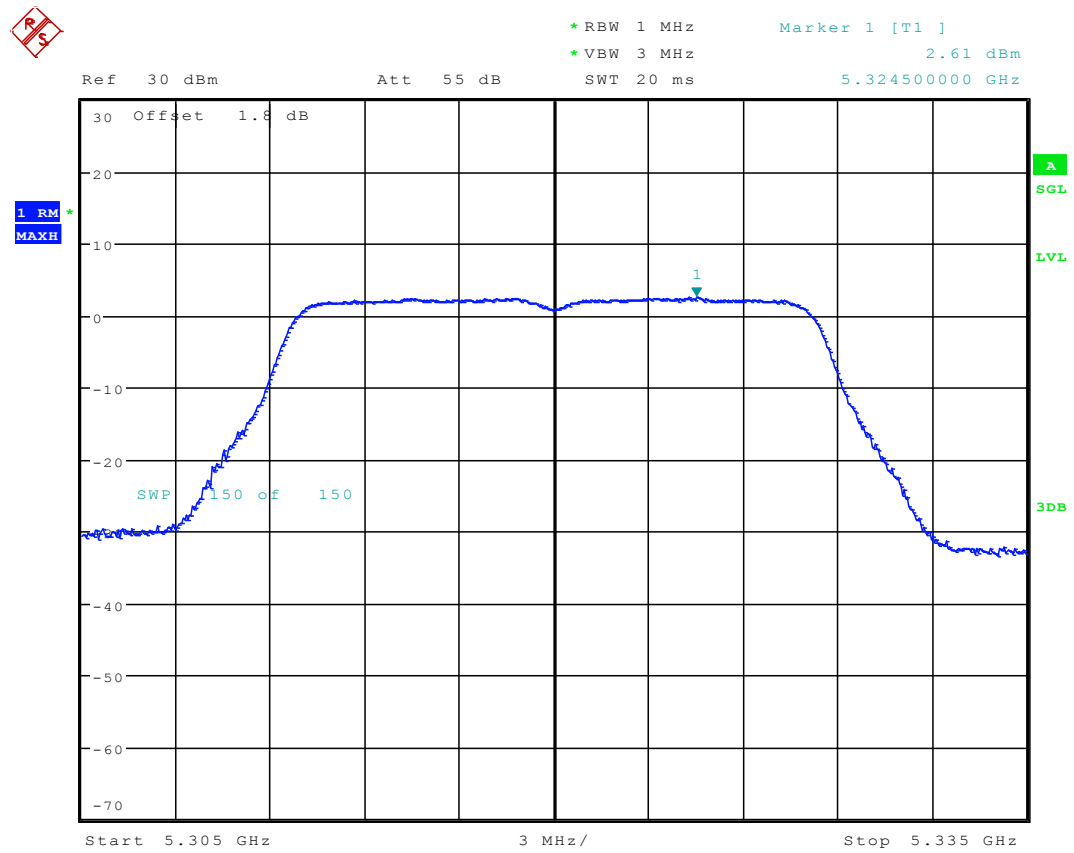
Date: 2.DEC.2017 13:27:19

11.6 11A20_CDD_52 ANT 2



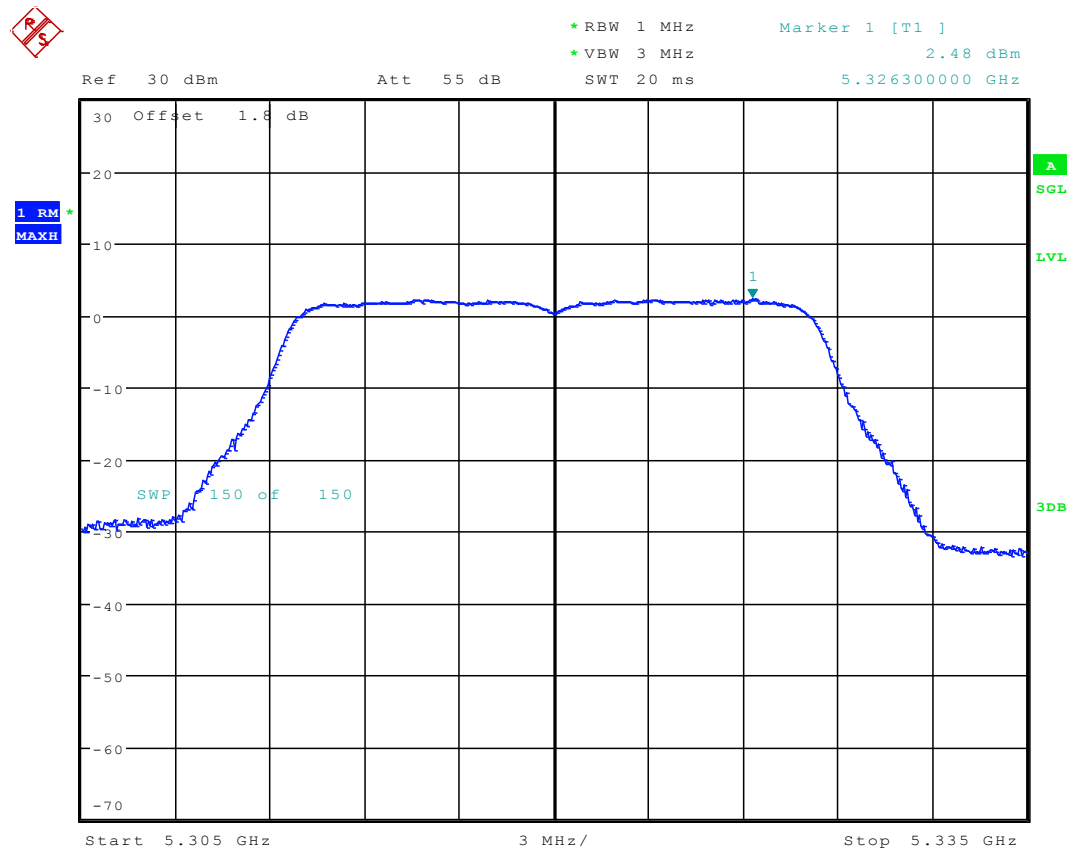
Date: 2.DEC.2017 16:12:40

11.7 11A20_CDD_64 ANT 1



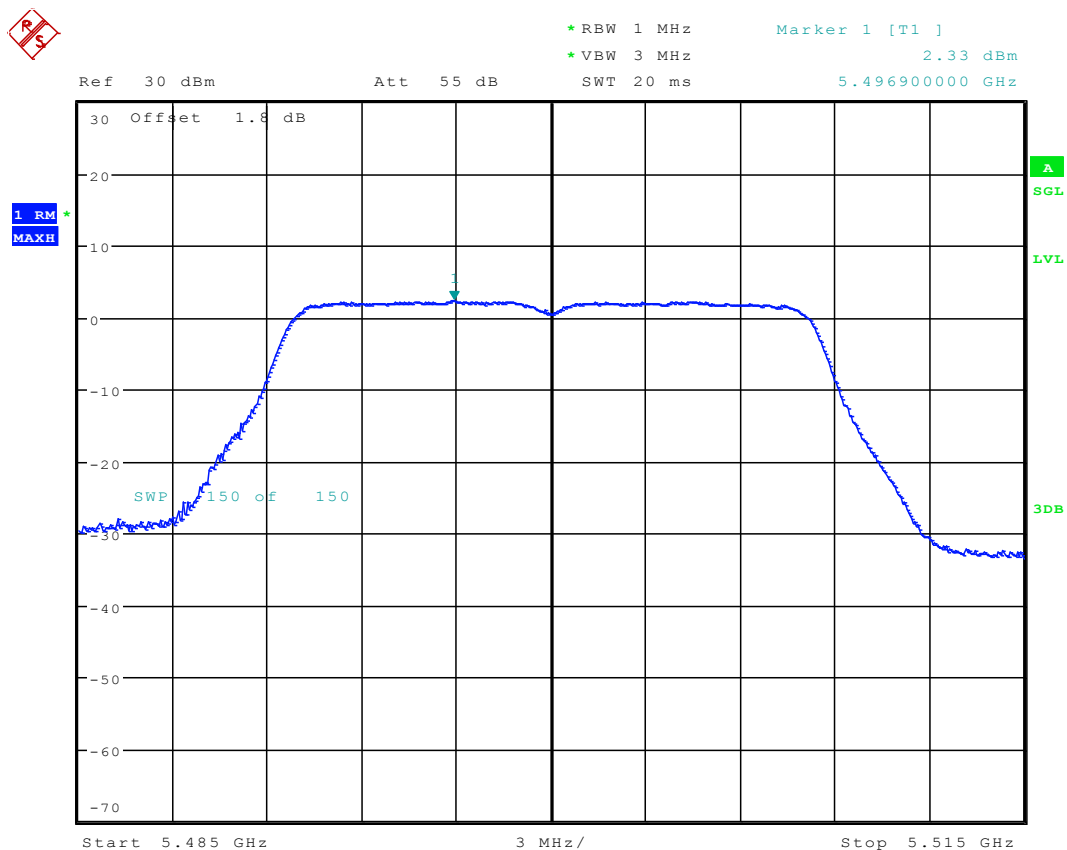
Date: 2.DEC.2017 13:29:24

11.8 11A20_CDD_64 ANT 2



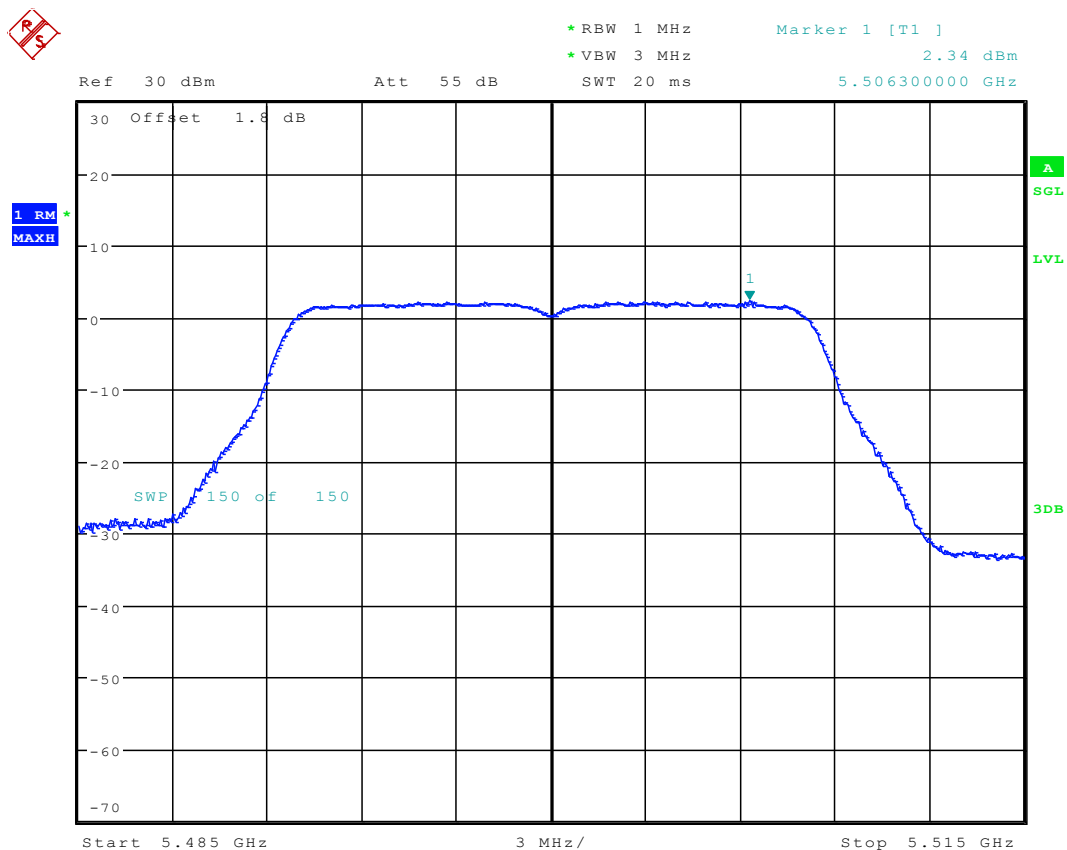
Date: 2.DEC.2017 16:15:04

11.9 11A20_CDD_100 ANT 1



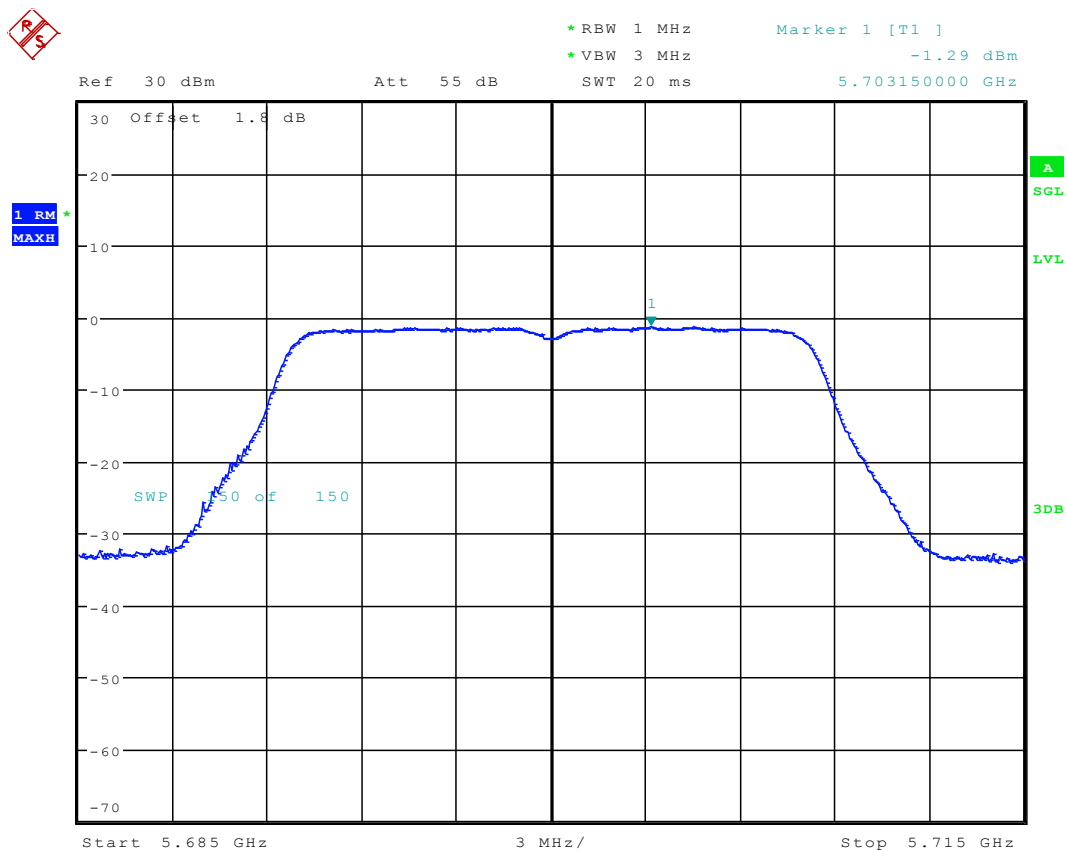
Date: 2.DEC.2017 13:33:42

11.10 11A20_CDD_100 ANT 2



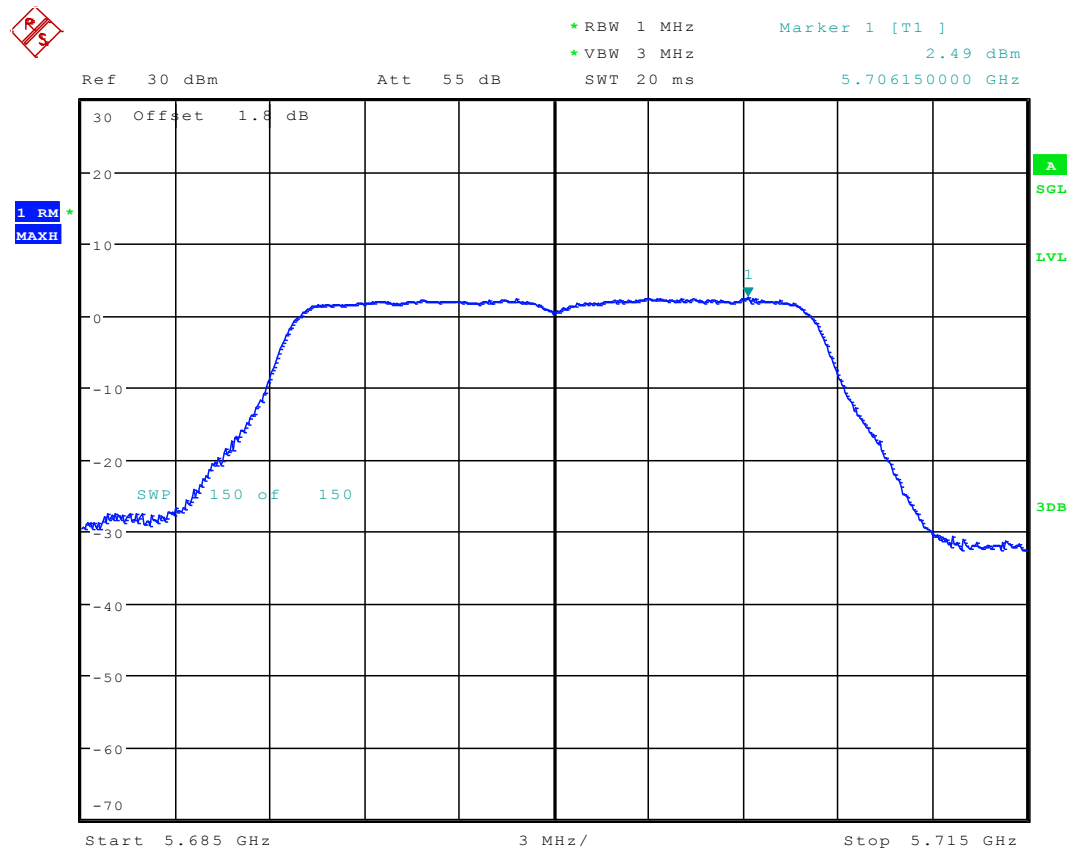
Date: 2.DEC.2017 16:17:15

11.11 11A20_CDD_140 ANT 1



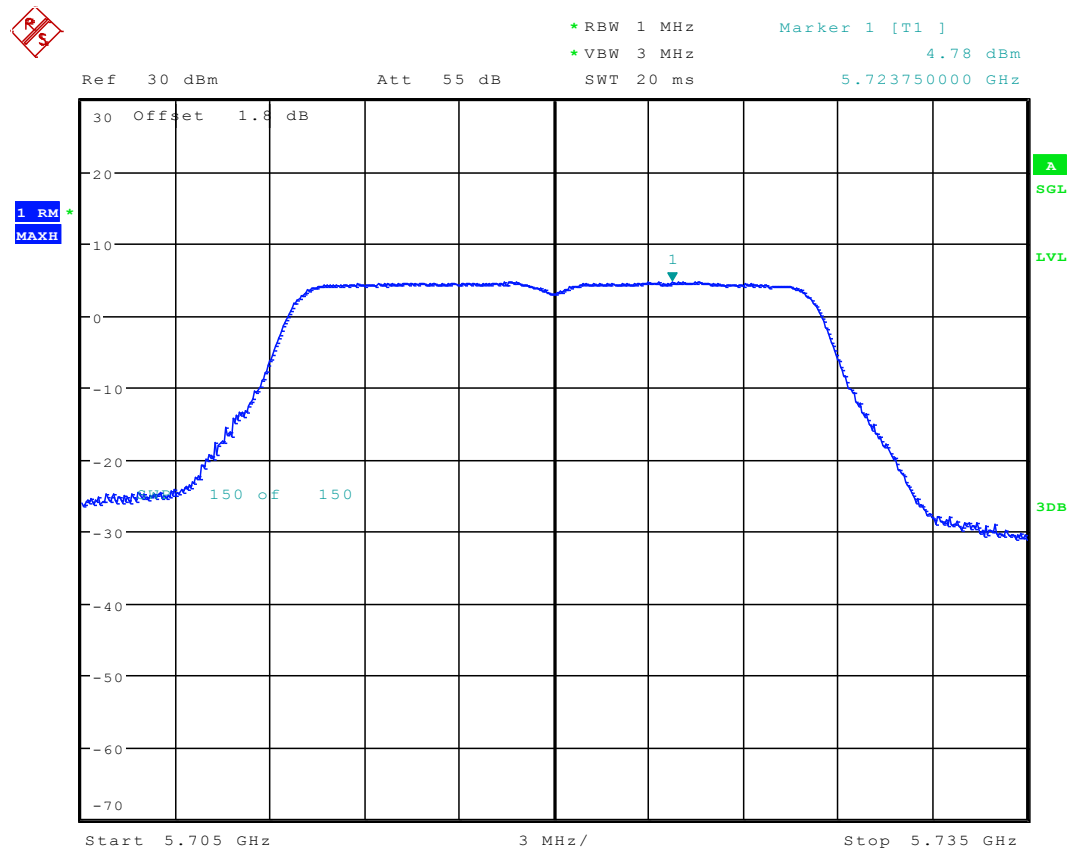
Date: 2.DEC.2017 13:36:20

11.12 11A20_CDD_140 ANT 2



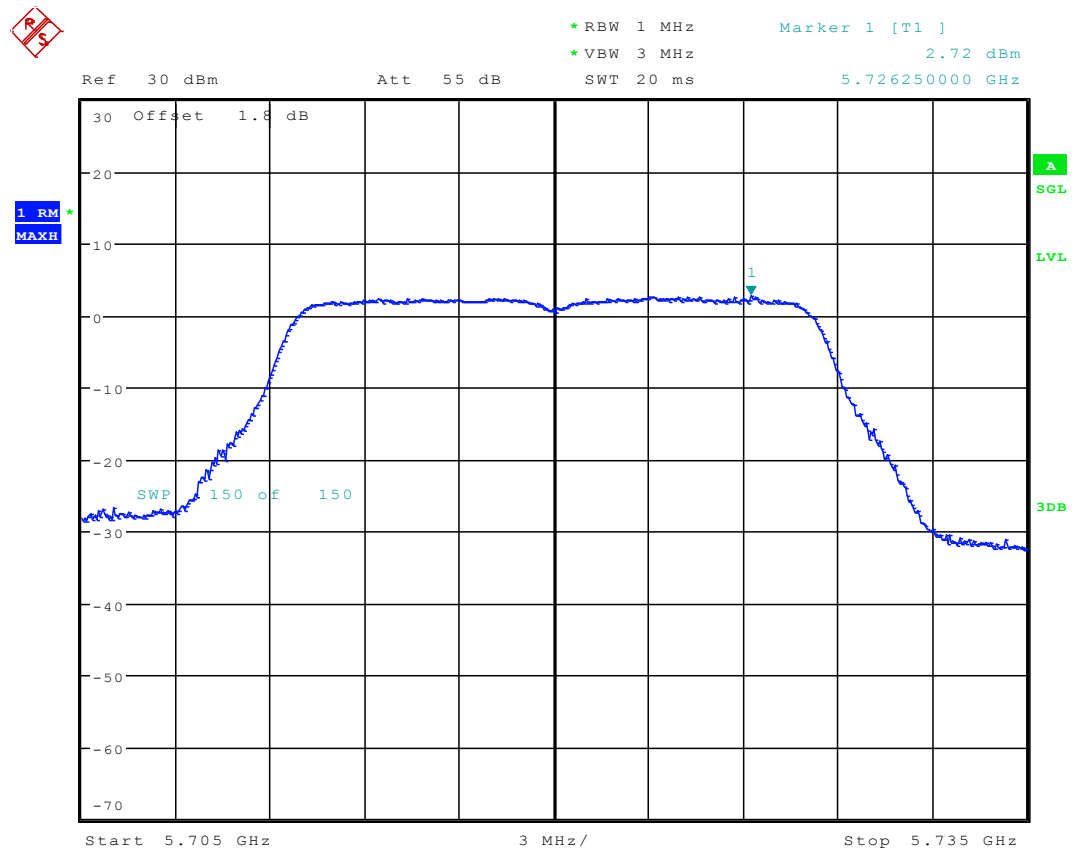
Date: 2.DEC.2017 16:19:40

11.13 11A20_CDD_144 ANT 1



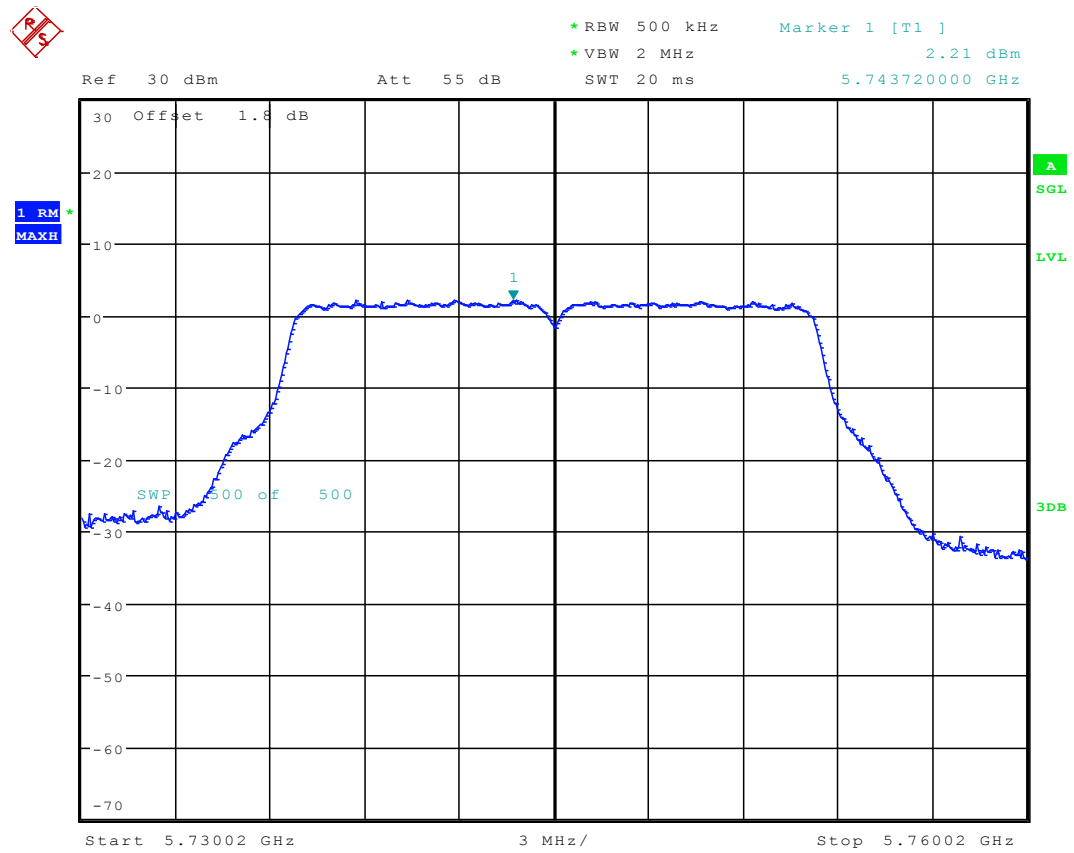
Date: 2.DEC.2017 13:42:07

11.14 11A20_CDD_144 ANT 2



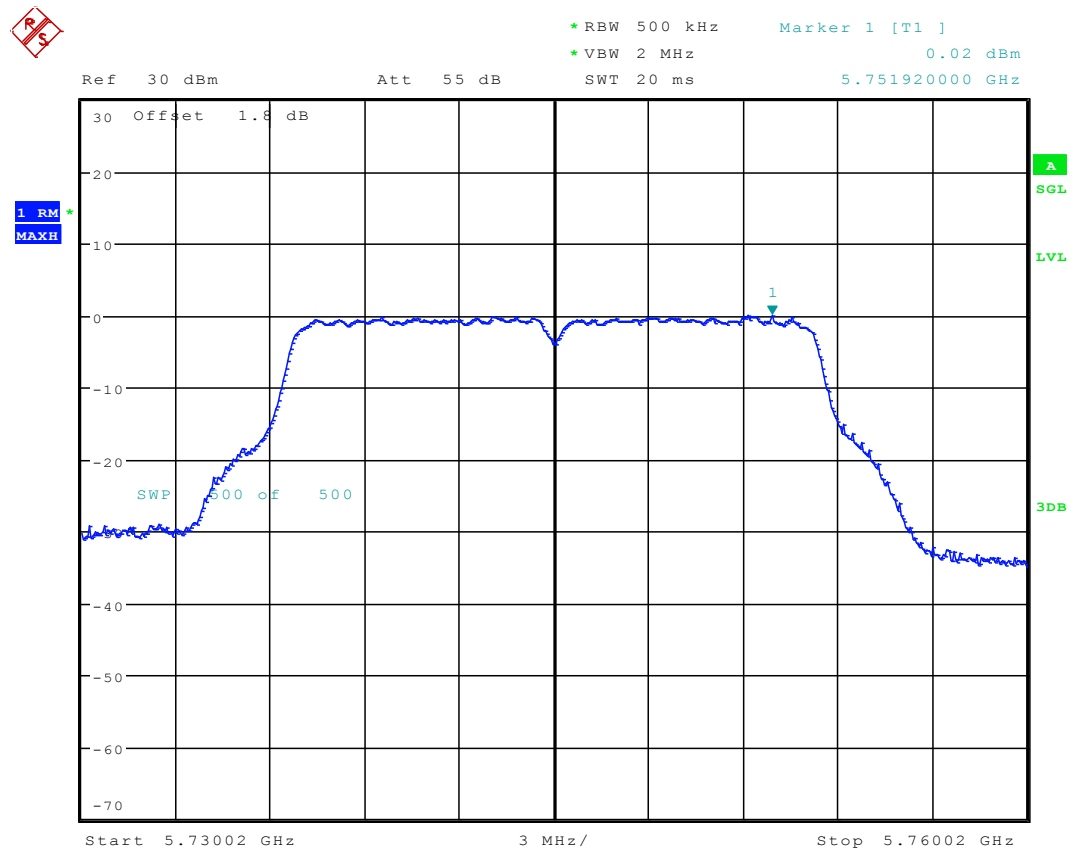
Date: 2.DEC.2017 16:21:57

11.15 11A20_CDD_149 ANT 1



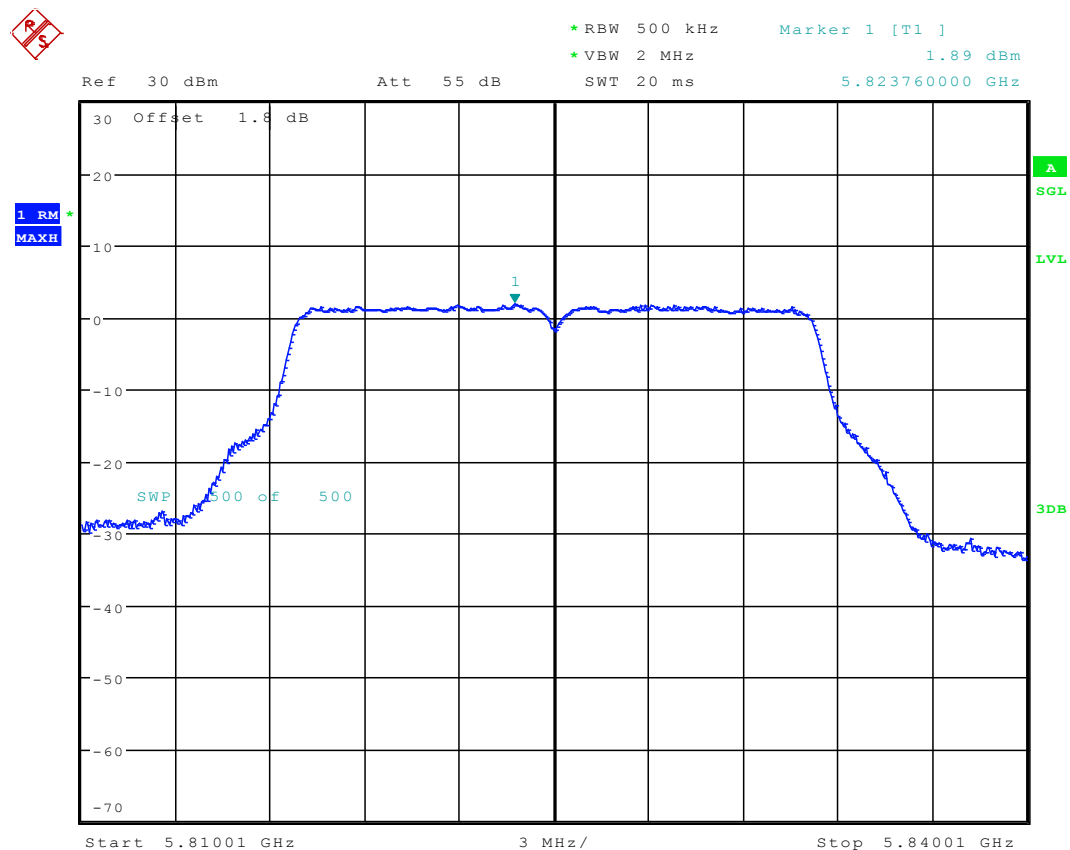
Date: 2.DEC.2017 13:46:37

11.16 11A20_CDD_149 ANT 2



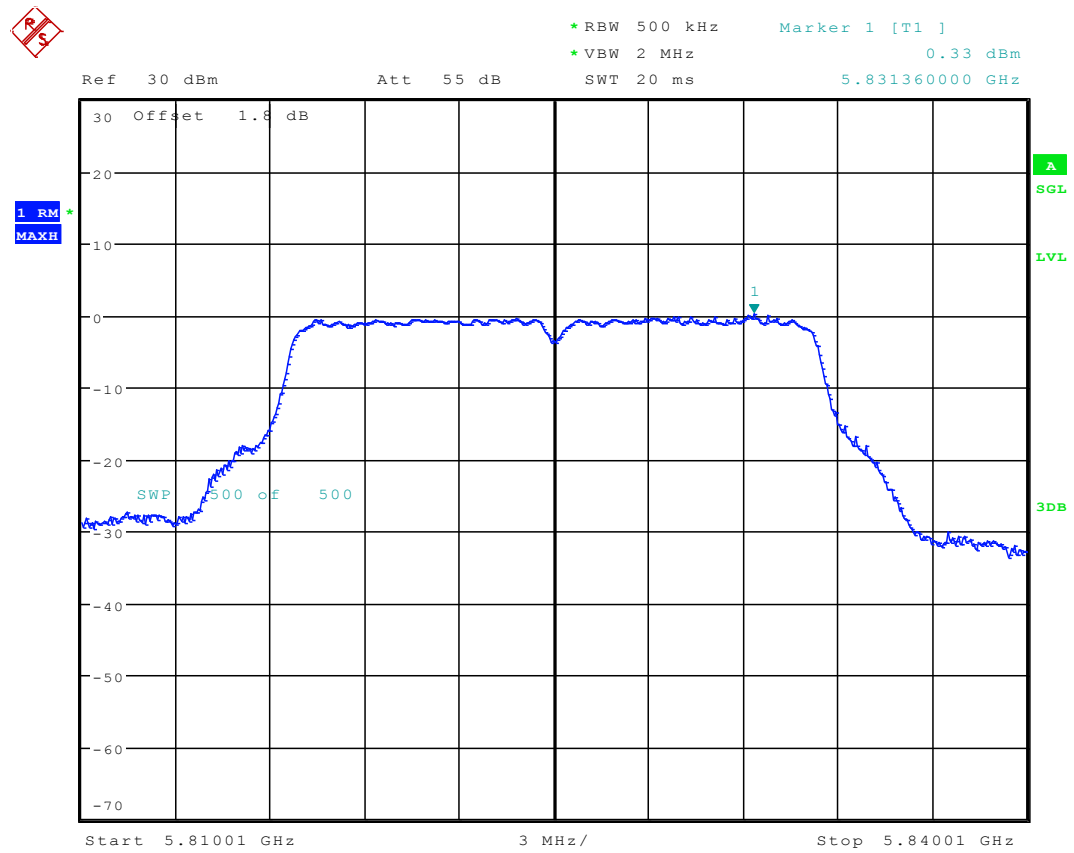
Date: 2.DEC.2017 16:24:58

11.17 11A20_CDD_165 ANT 1



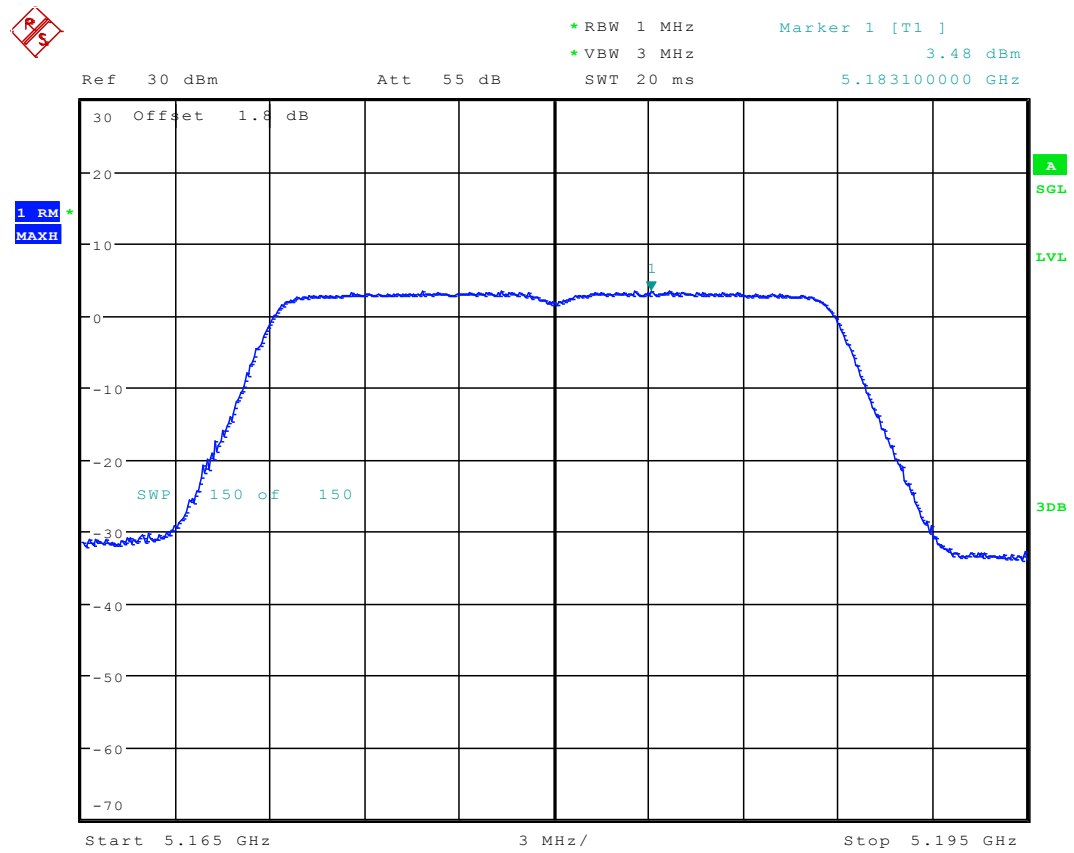
Date: 2.DEC.2017 13:52:40

11.18 11A20_CDD_165 ANT 2



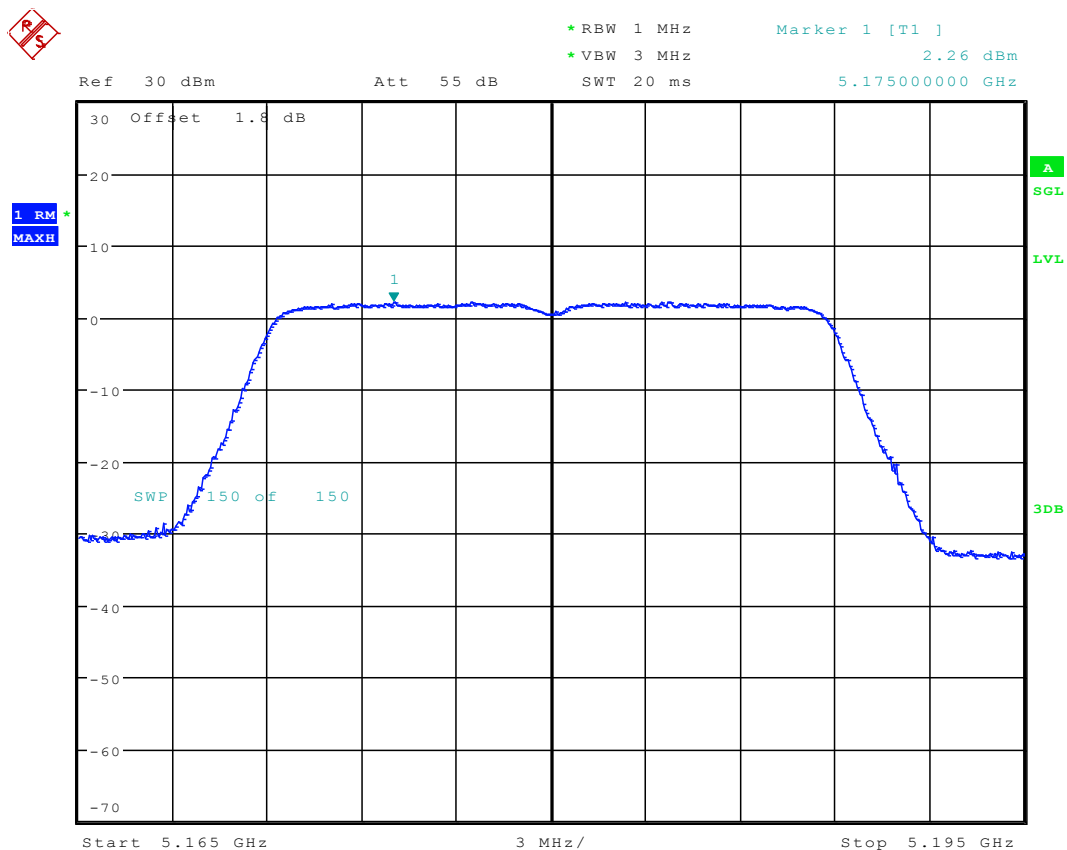
Date: 2.DEC.2017 16:31:59

11.19 11N20_36 ANT 1



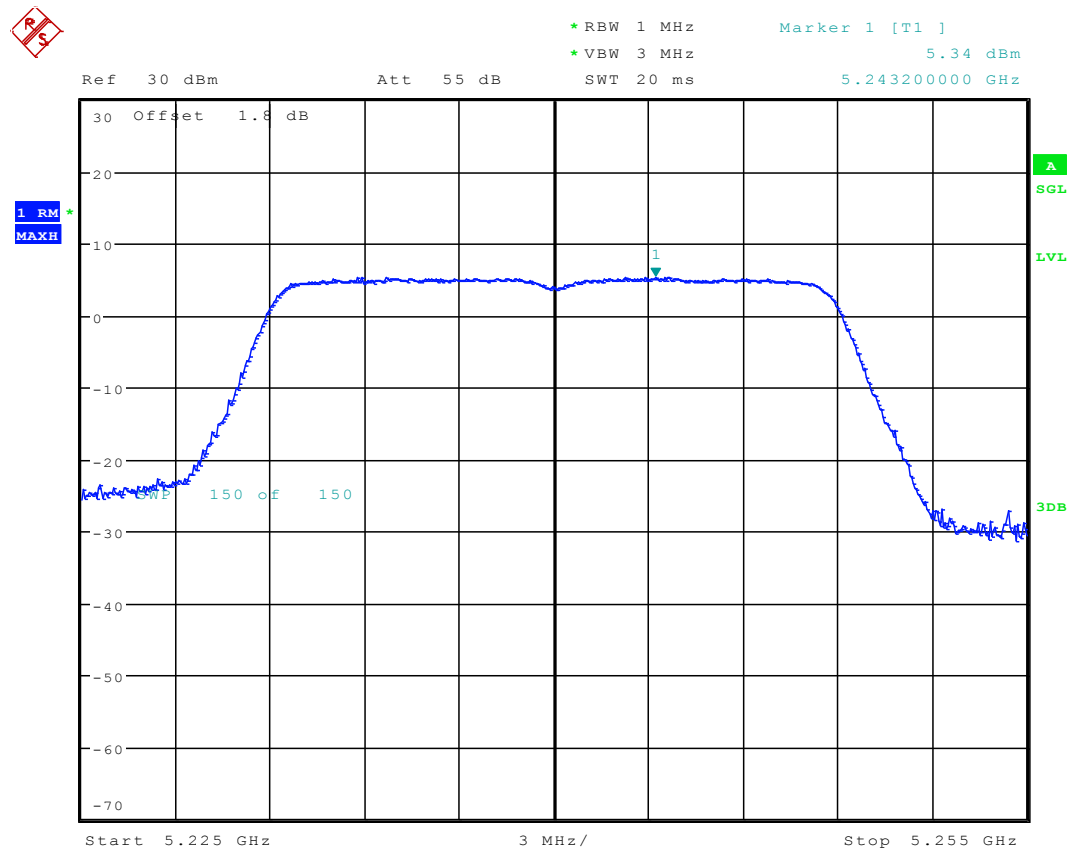
Date: 2.DEC.2017 08:13:39

11.20 11N20_36 ANT 2



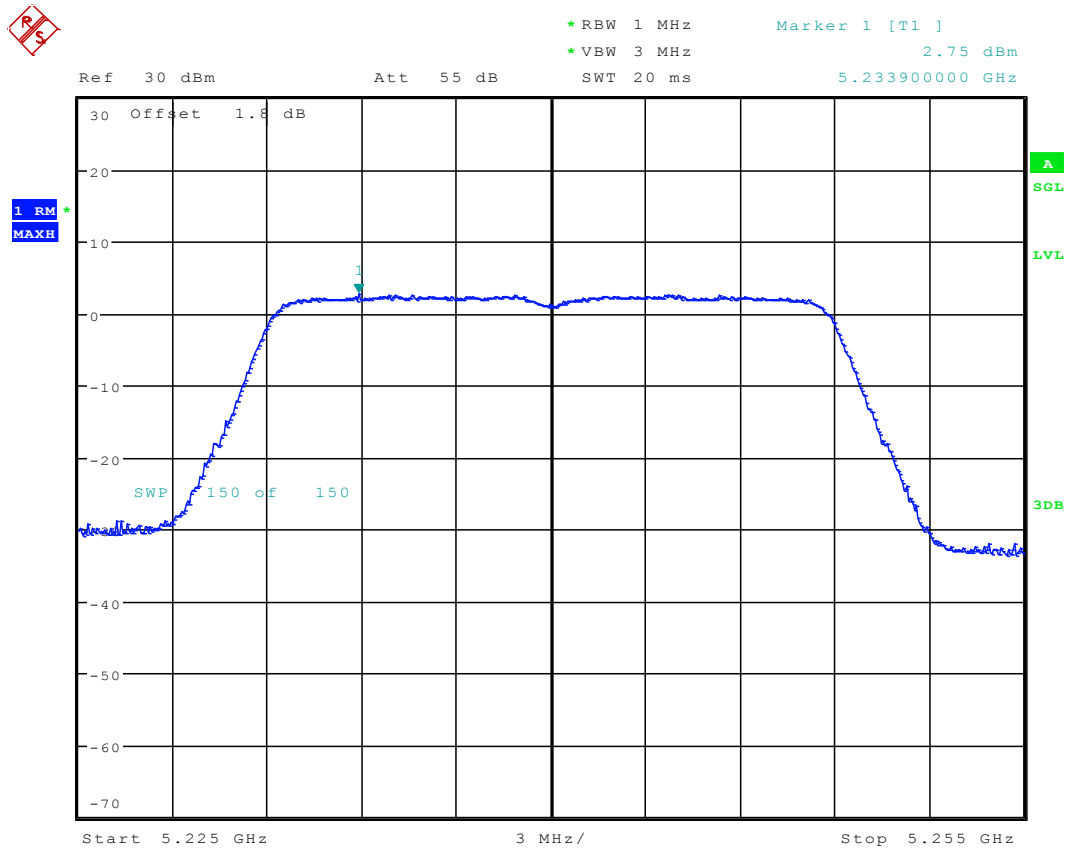
Date: 2.DEC.2017 12:04:40

11.21 11N20_48 ANT 1



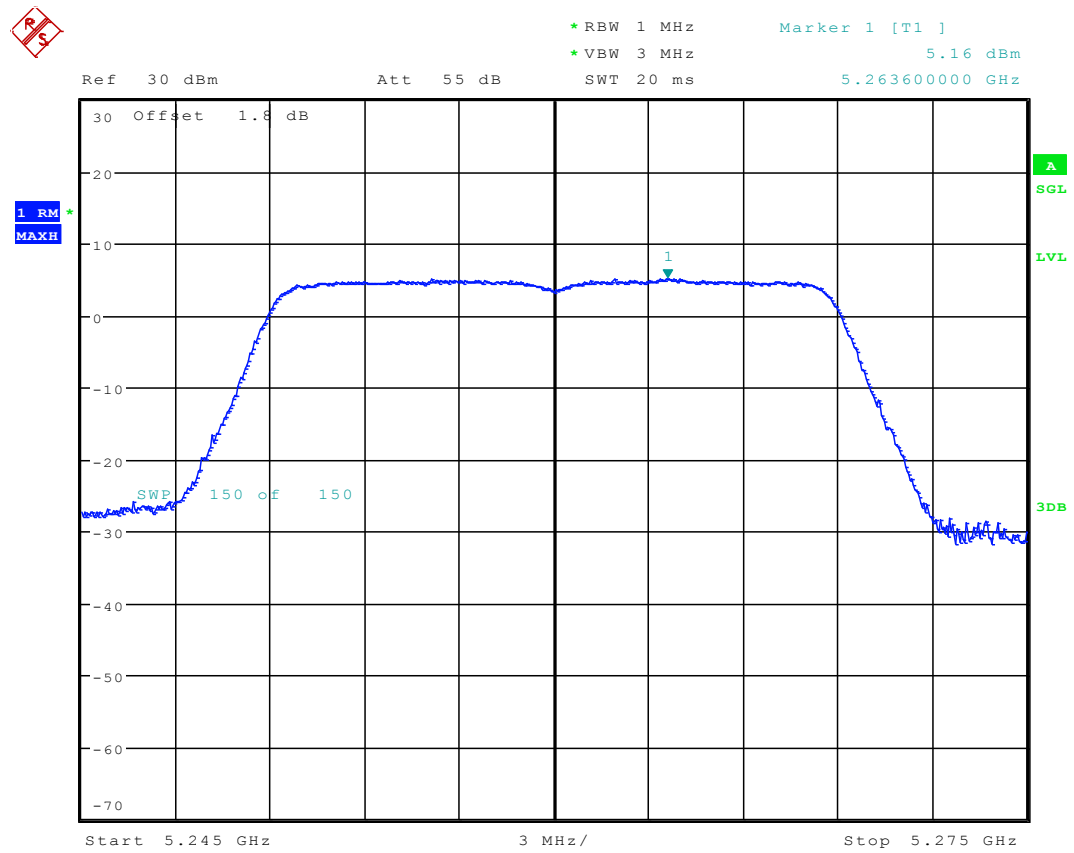
Date: 2.DEC.2017 08:17:20

11.22 11N20_48 ANT 2



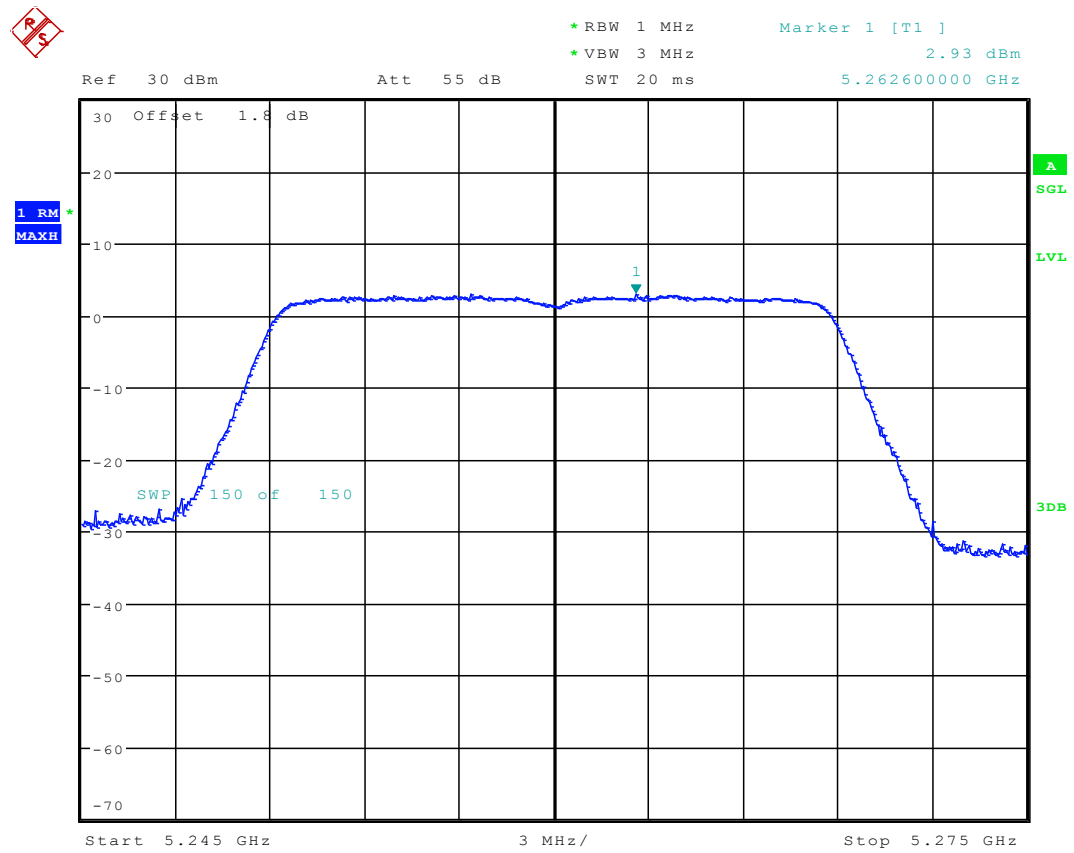
Date: 2.DEC.2017 12:06:56

11.23 11N20_52 ANT 1



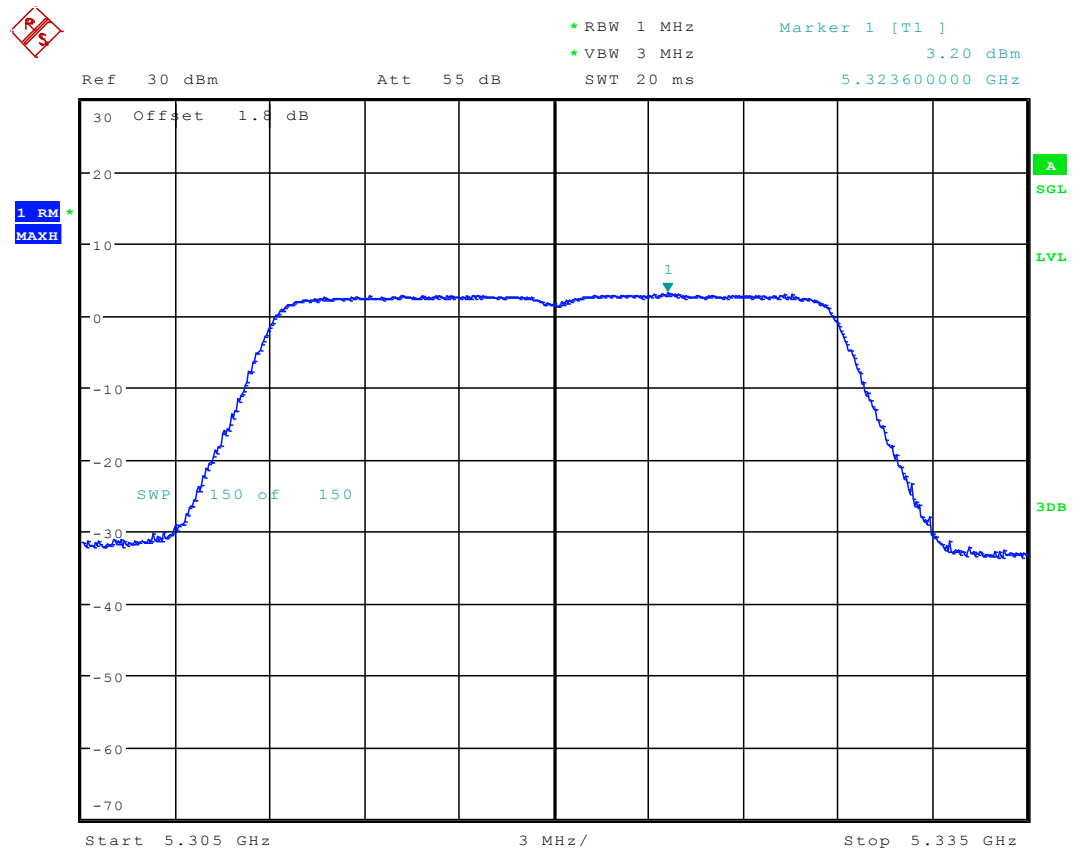
Date: 2.DEC.2017 08:21:32

11.24 11N20_52 ANT 2



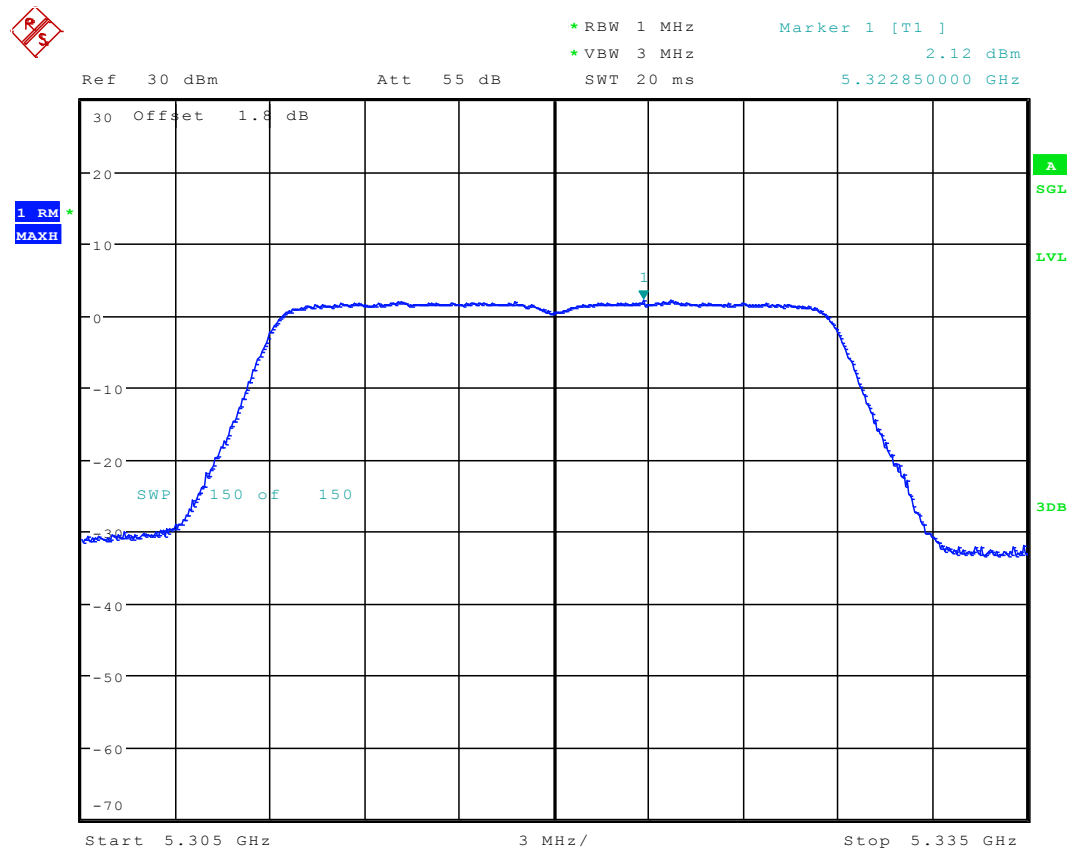
Date: 2.DEC.2017 12:09:11

11.25 11N20_64 ANT 1



Date: 2.DEC.2017 08:23:37

11.26 11N20_64 ANT 2



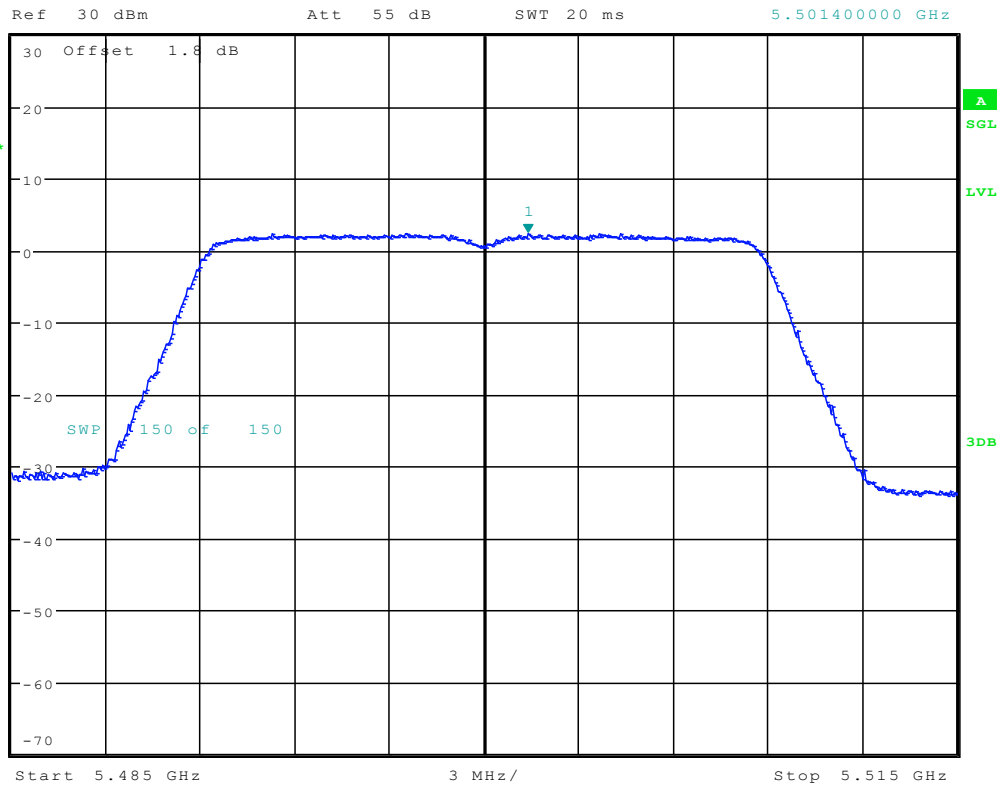
Date: 2.DEC.2017 12:11:24

11.27 11N20_100 ANT 1



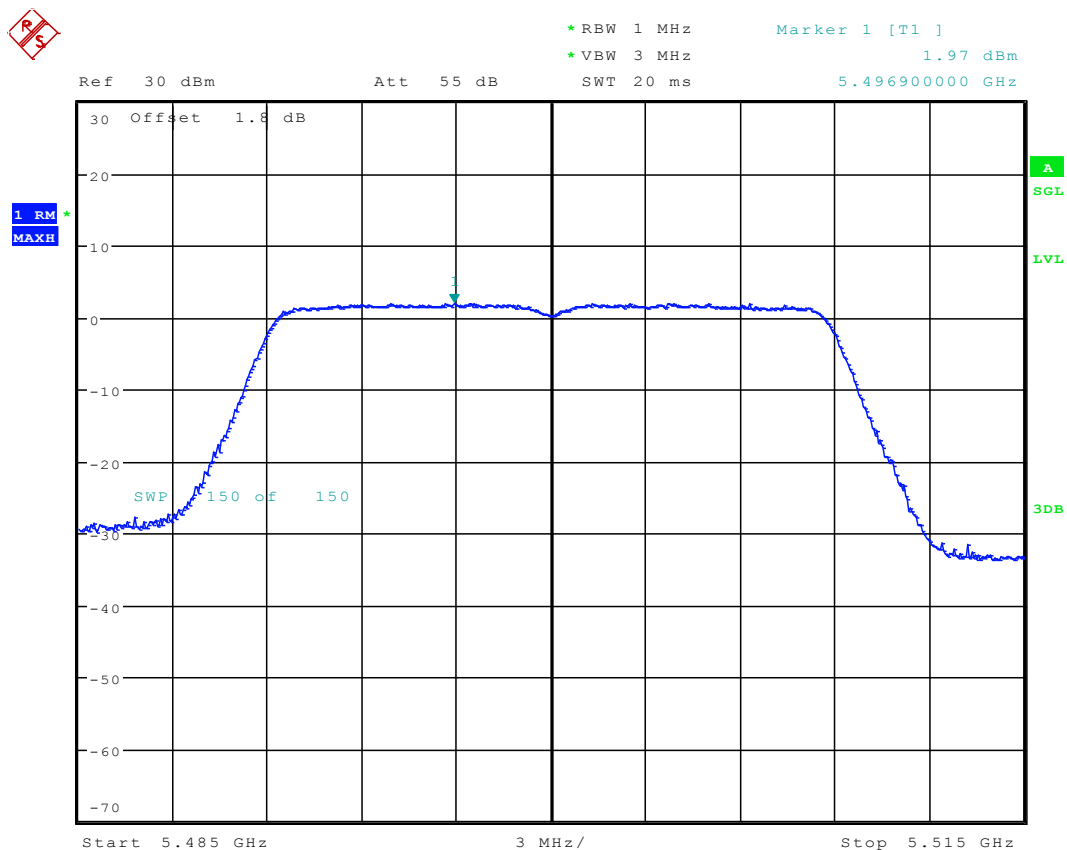
*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
2.44 dBm
5.501400000 GHz



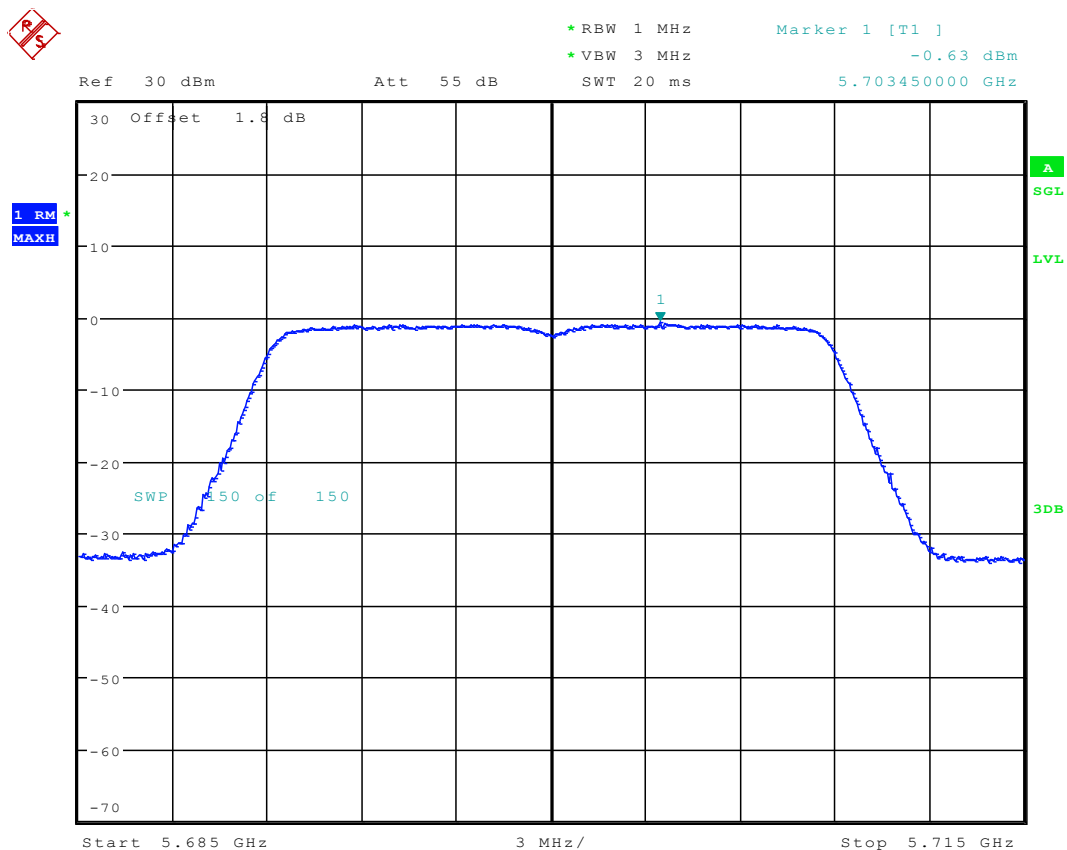
Date: 2.DEC.2017 08:26:54

11.28 11N20_100 ANT 2



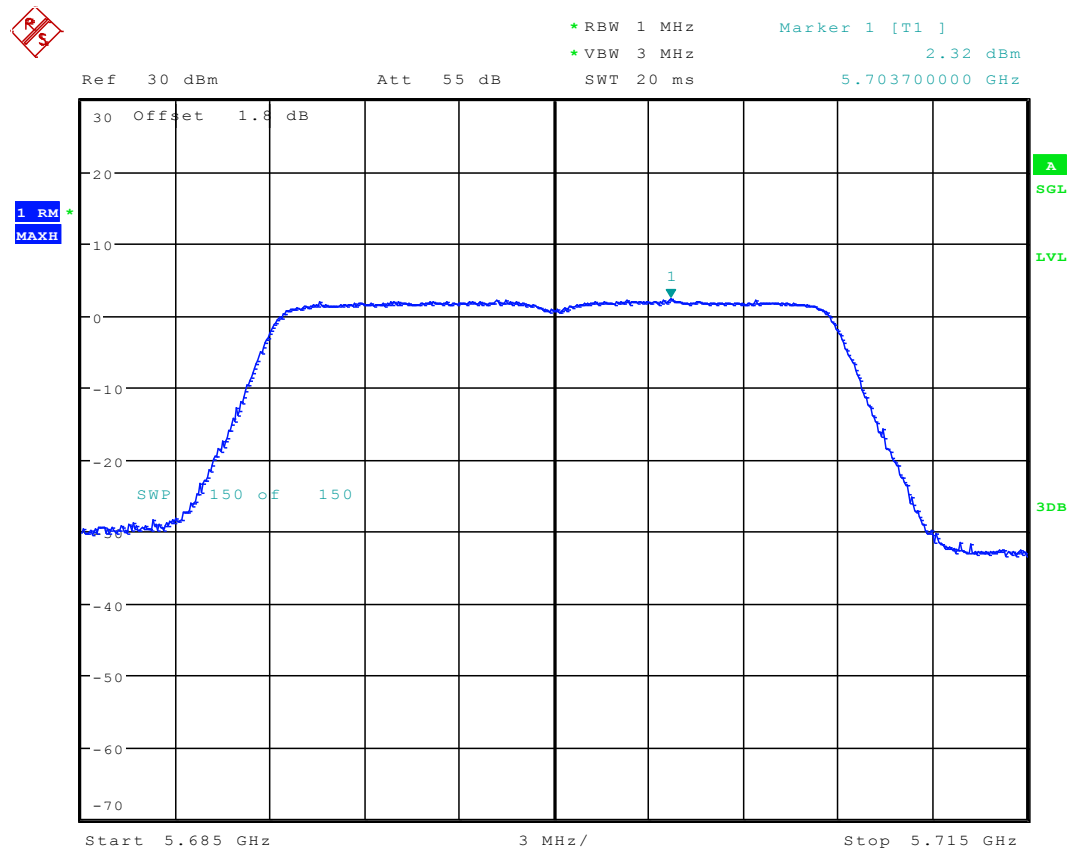
Date: 2.DEC.2017 12:14:44

11.29 11N20_140 ANT 1



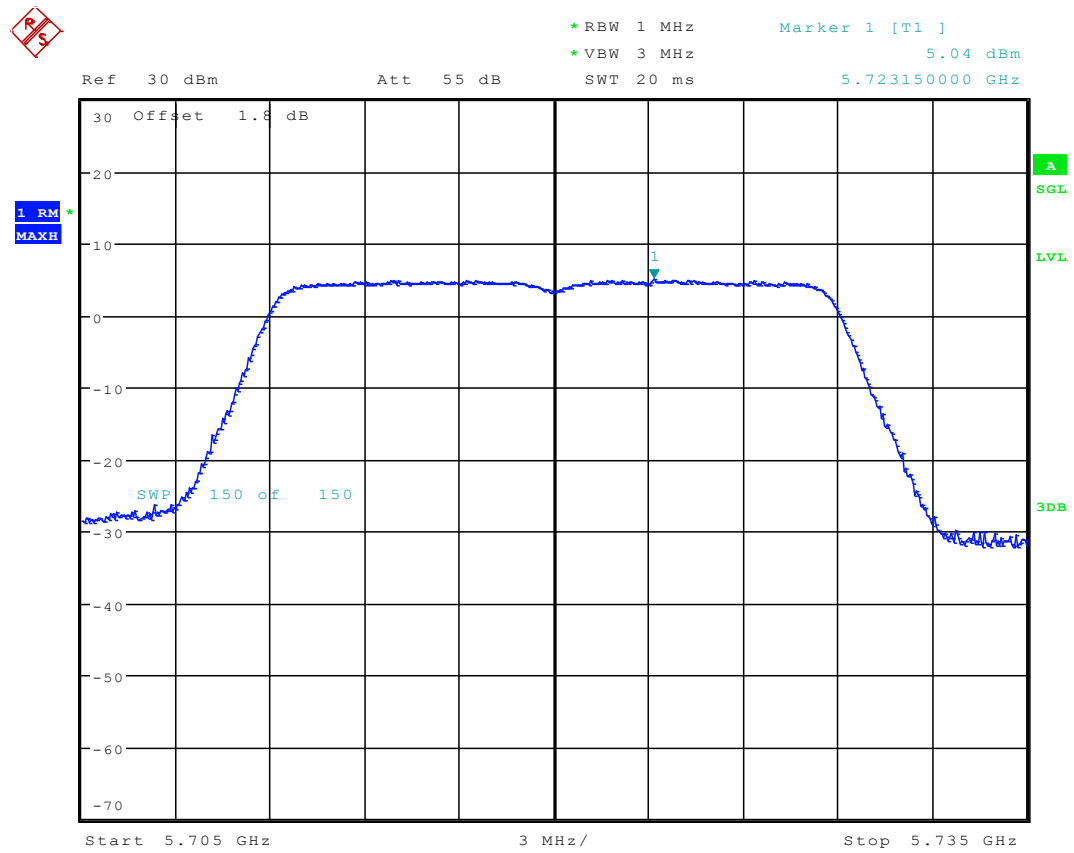
Date: 2.DEC.2017 08:29:02

11.30 11N20_140 ANT 2



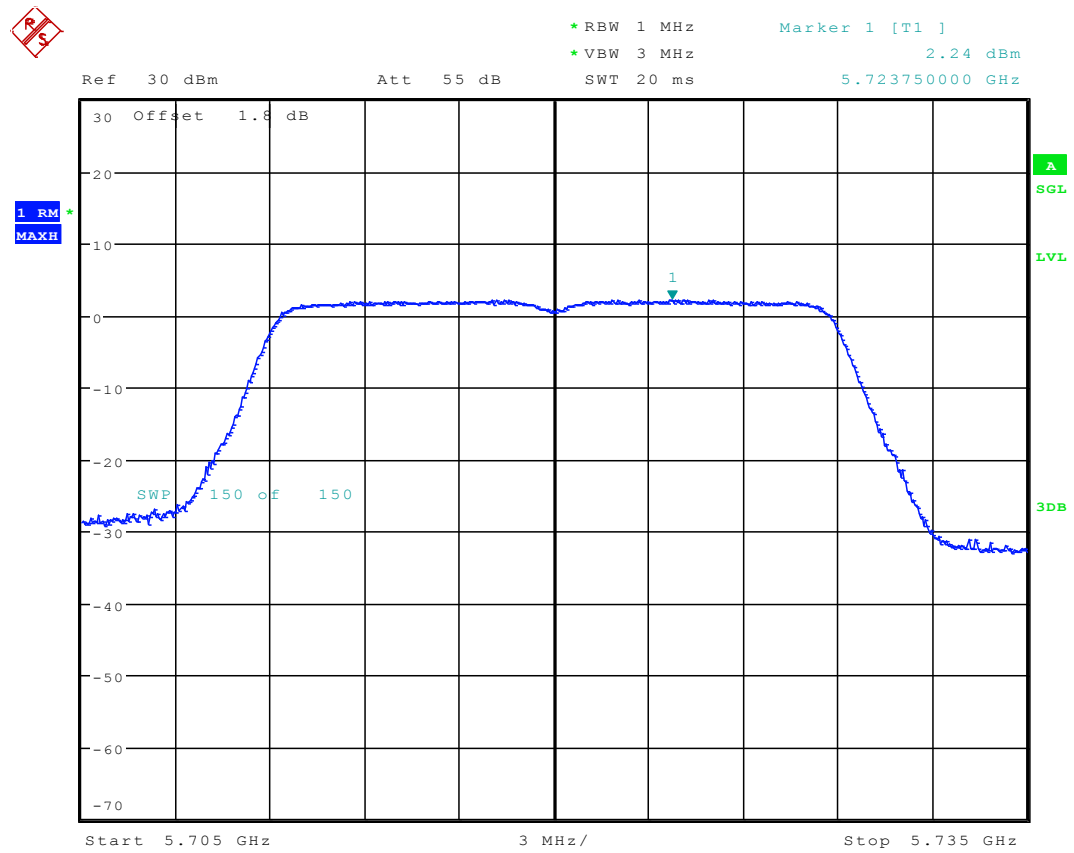
Date: 2.DEC.2017 12:17:02

11.31 11N20_144 ANT 1



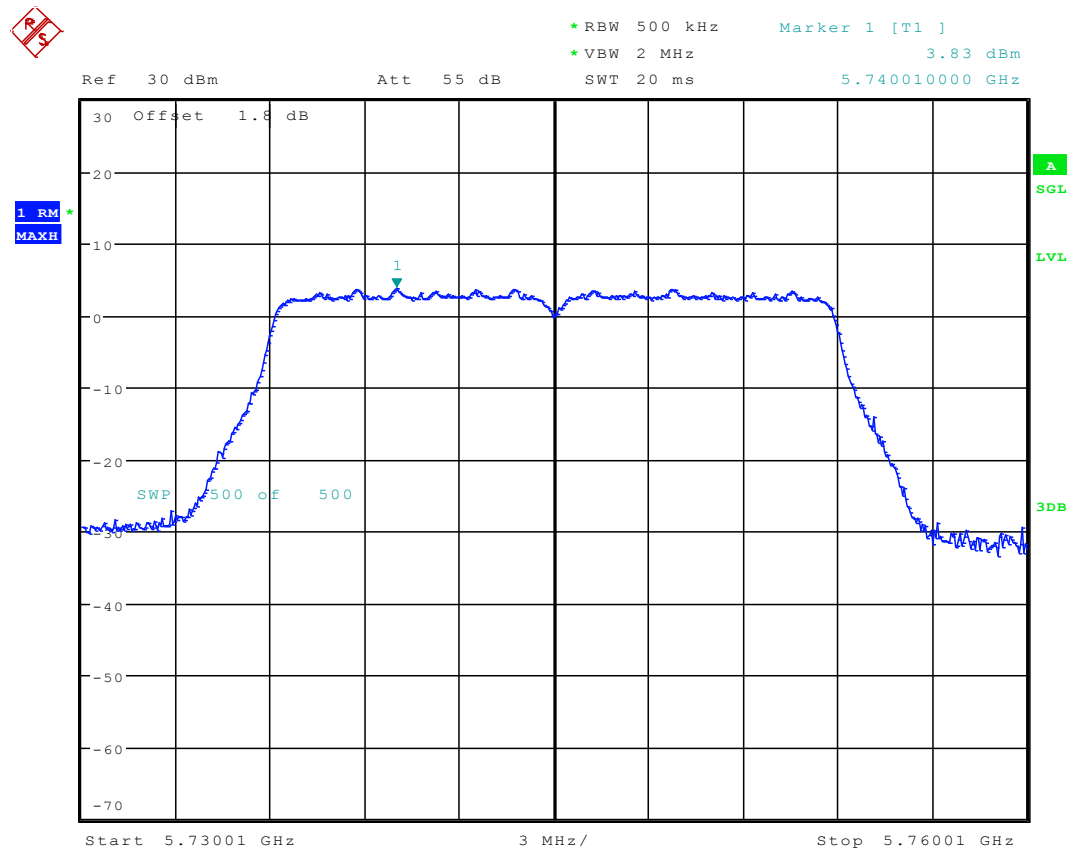
Date: 2.DEC.2017 08:31:38

11.32 11N20_144 ANT 2



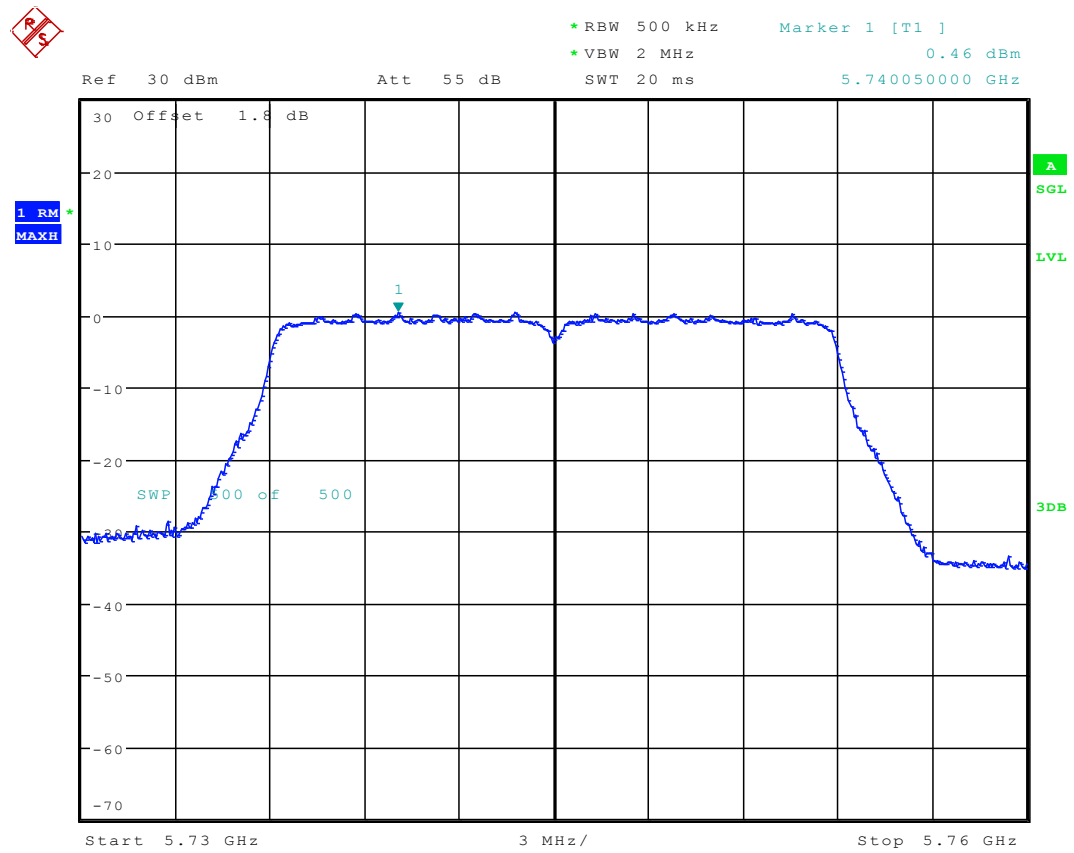
Date: 2.DEC.2017 12:19:13

11.33 11N20_149 ANT 1



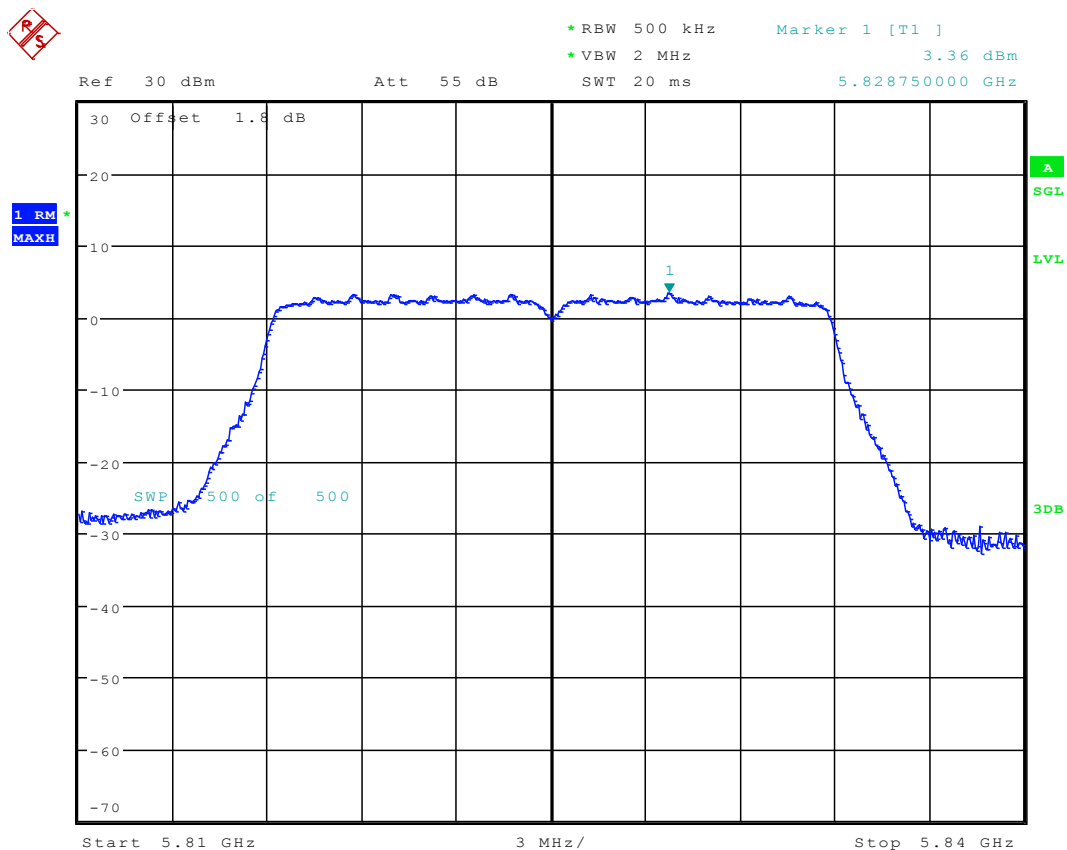
Date: 2.DEC.2017 08:34:24

11.34 11N20_149 ANT 2



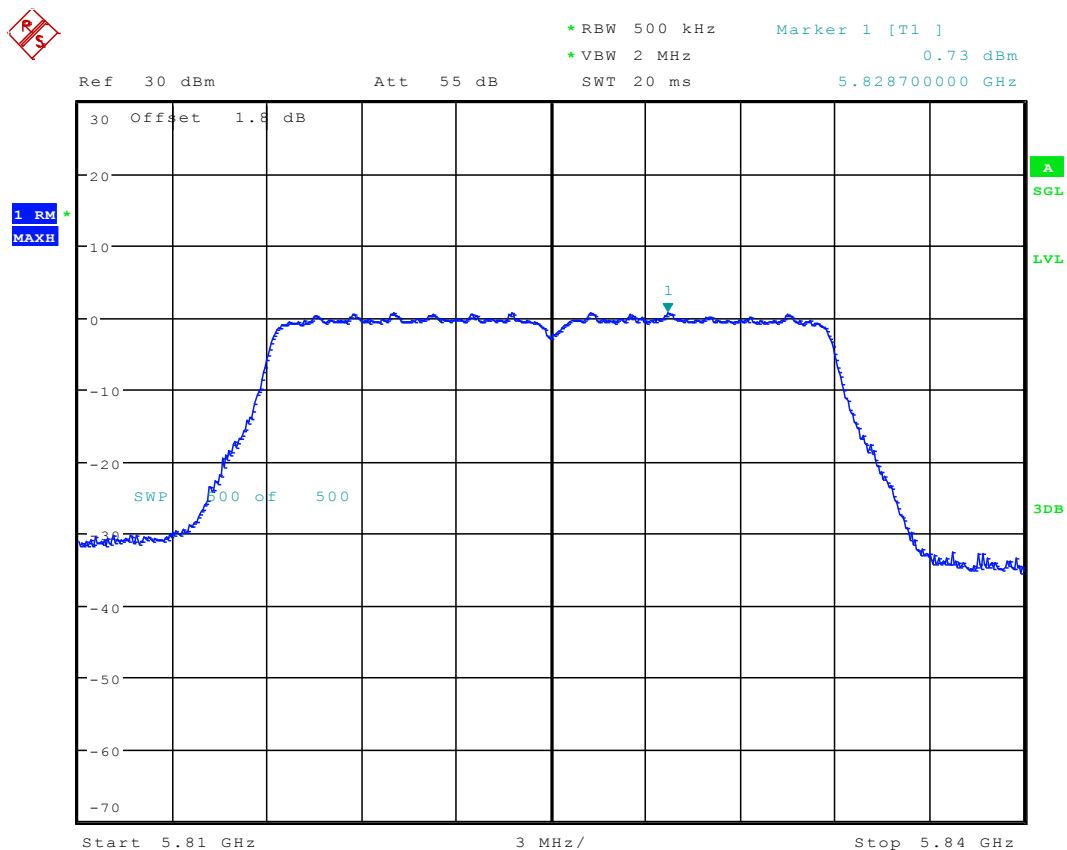
Date: 2.DEC.2017 12:22:27

11.35 11N20_165 ANT 1



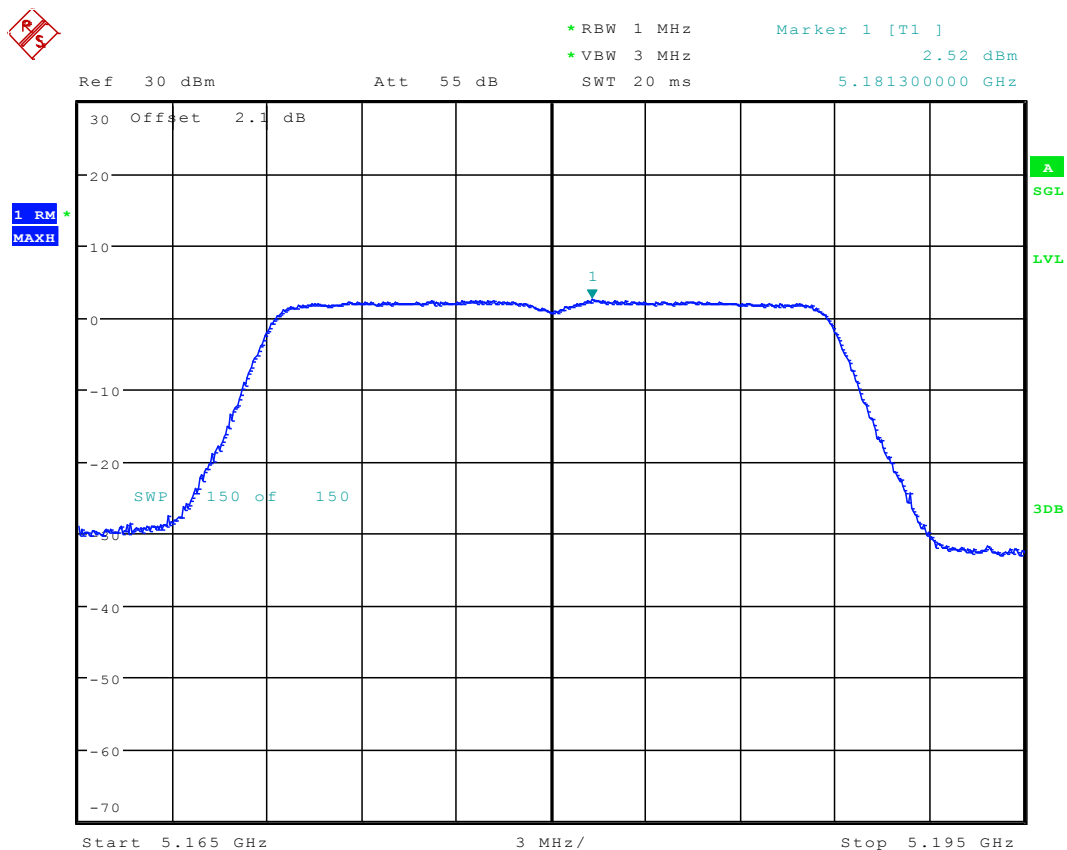
Date: 2.DEC.2017 08:39:47

11.36 11N20_165 ANT 2



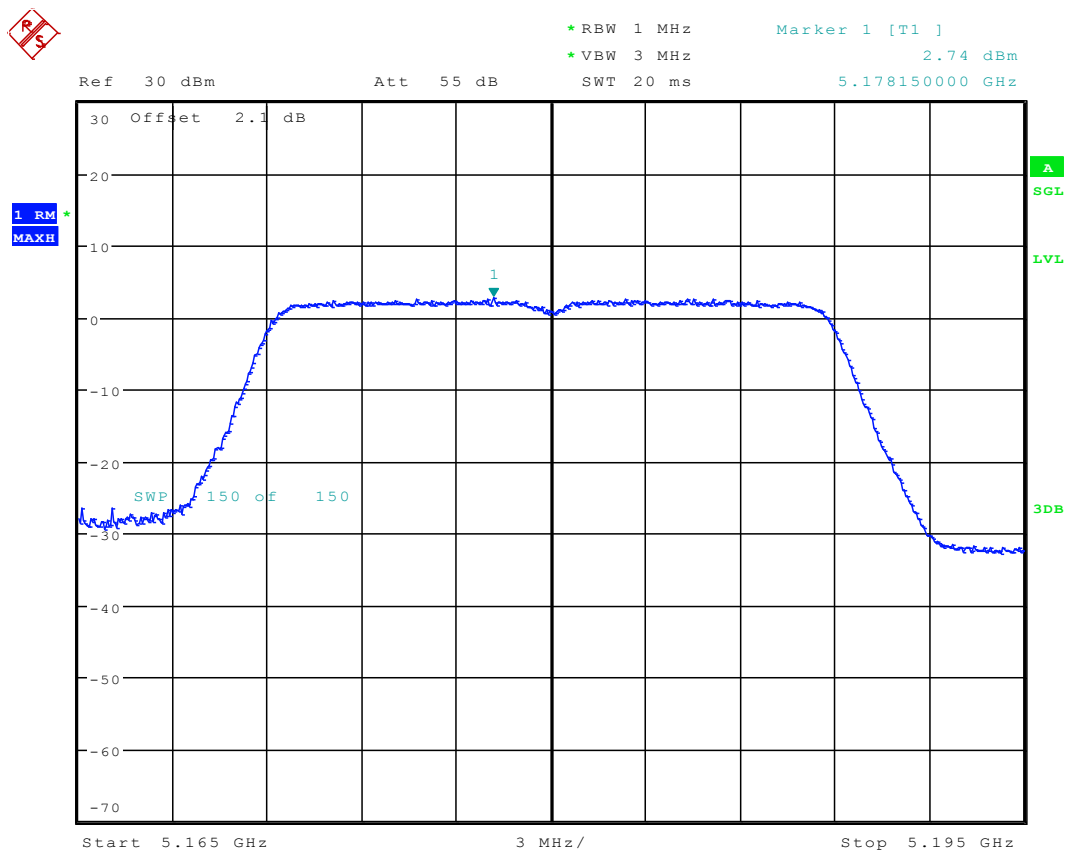
Date: 2.DEC.2017 12:29:54

11.37 11N20MIMO_36 ANT 1



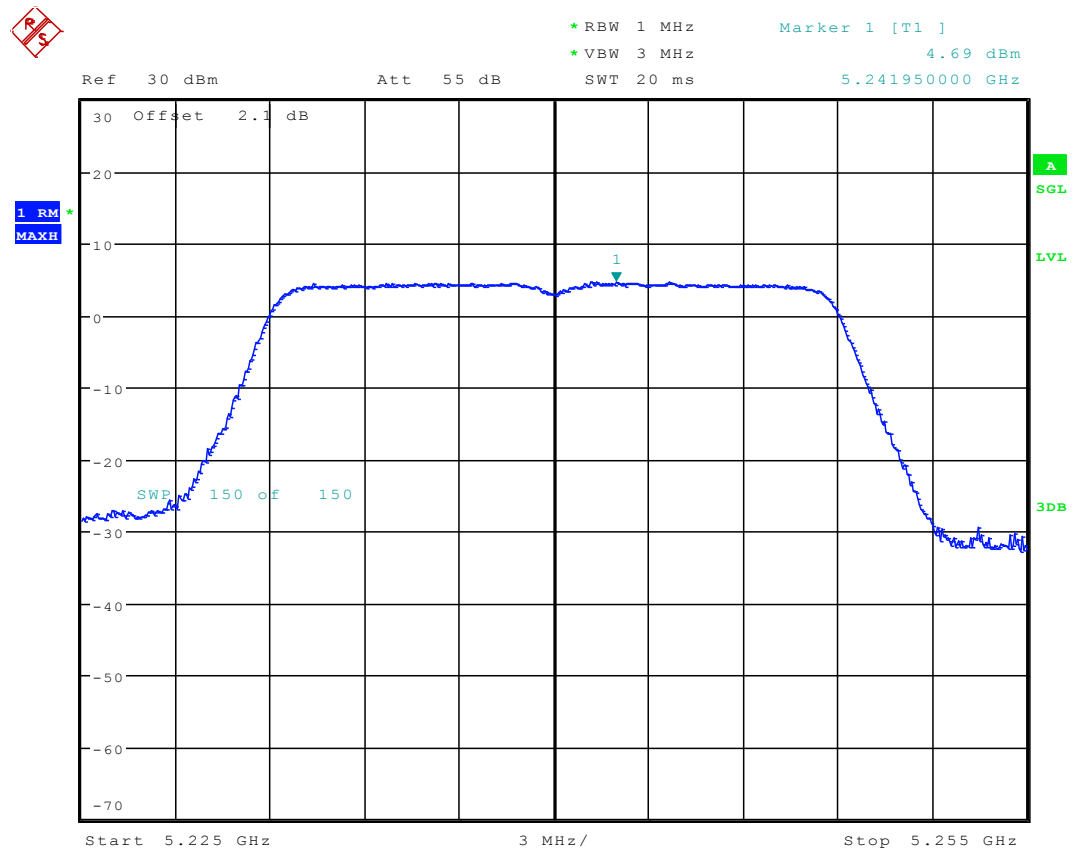
Date: 2.DEC.2017 13:57:02

11.38 11N20MIMO_36 ANT 2



Date: 2.DEC.2017 16:34:42

11.39 11N20MIMO_48 ANT 1



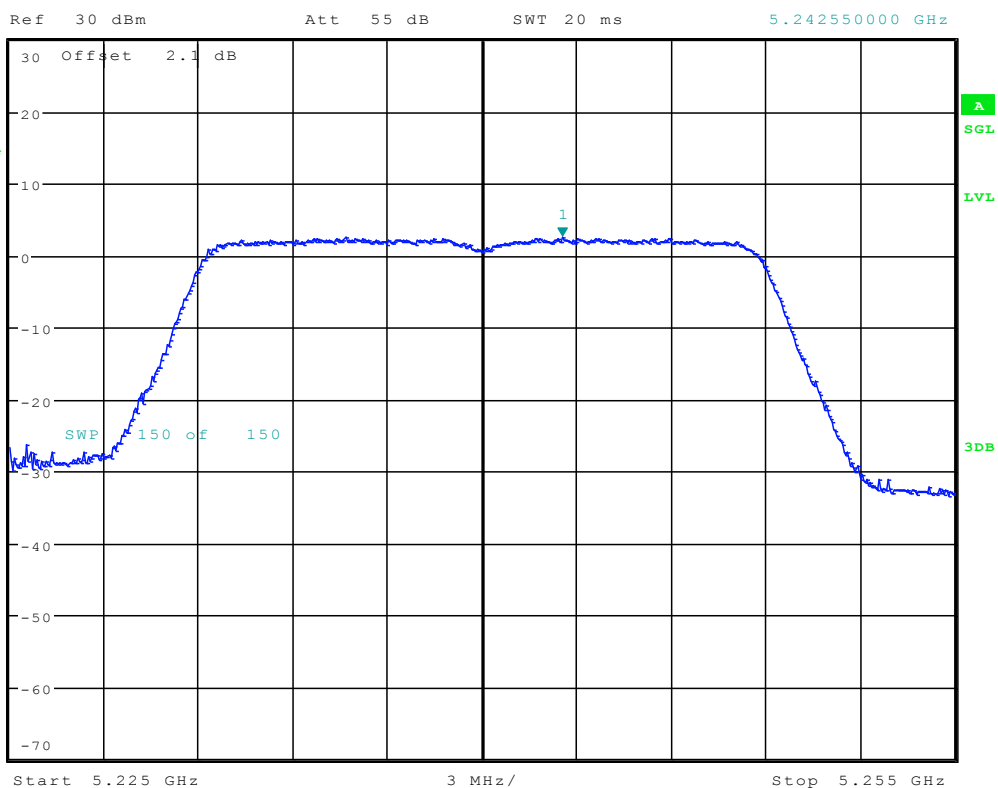
Date: 2.DEC.2017 18:43:34

11.40 11N20MIMO_48 ANT 2



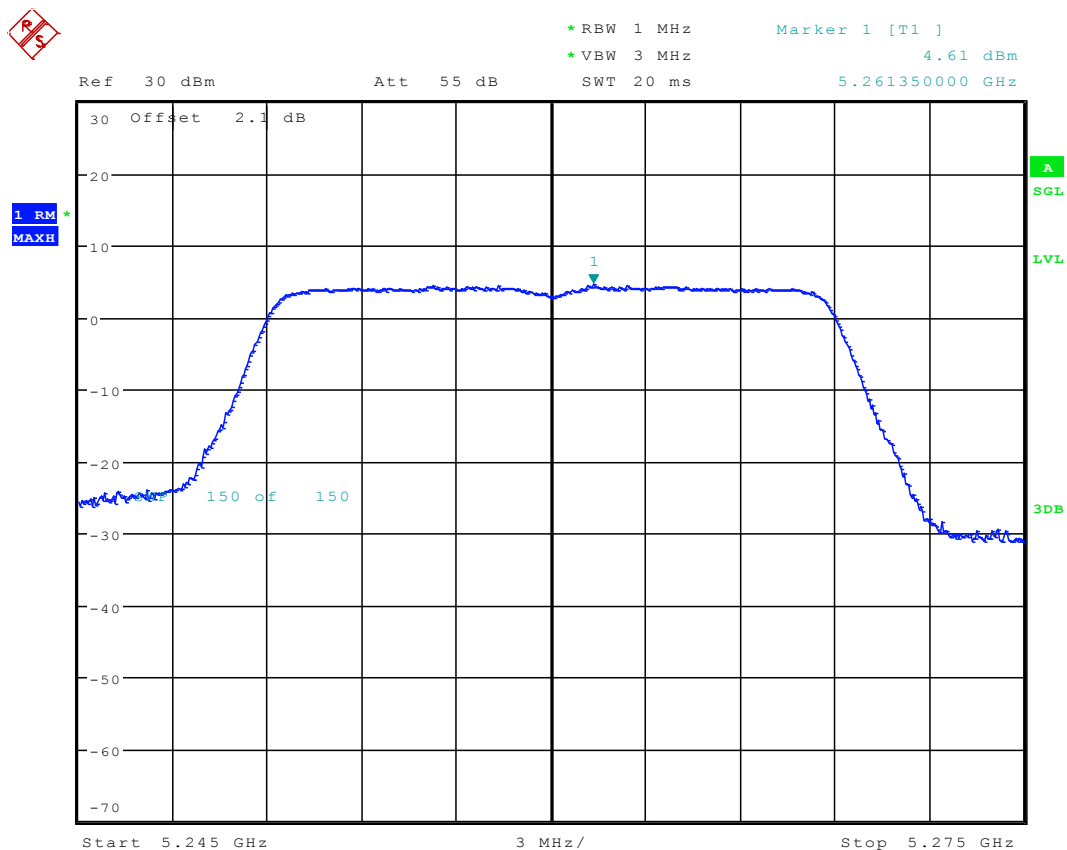
*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
2.60 dBm
5.242550000 GHz



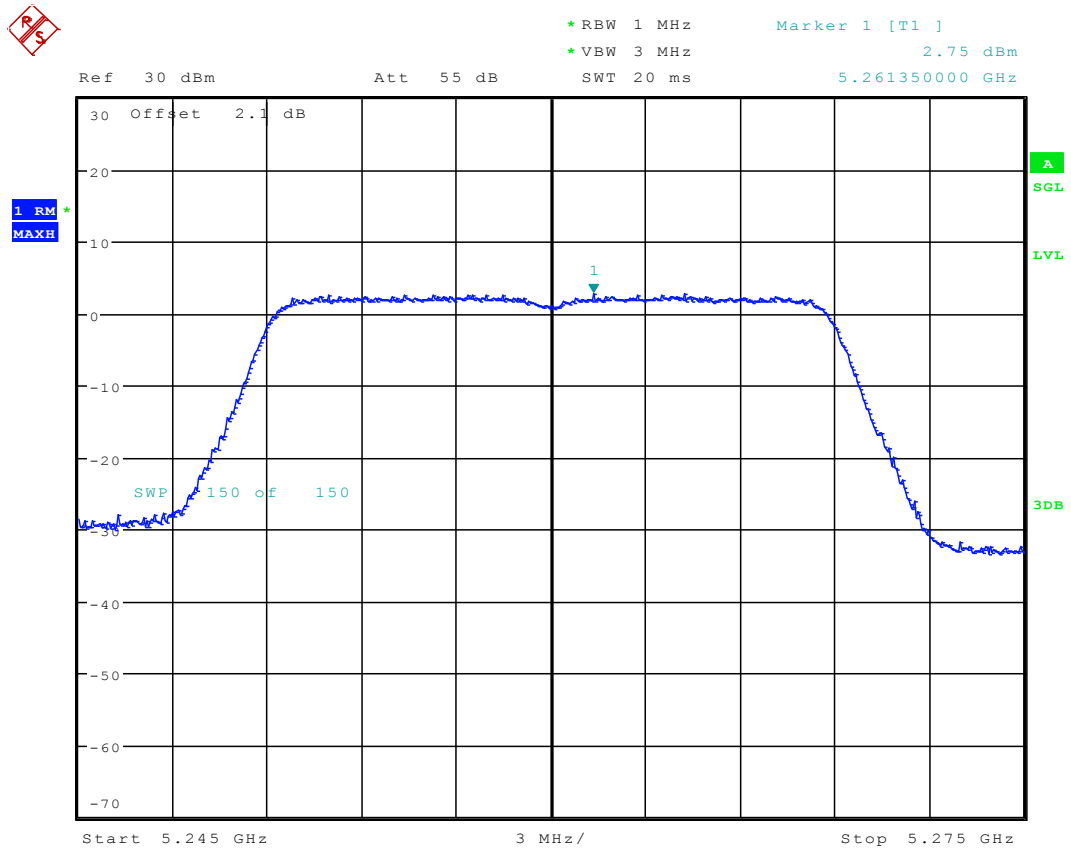
Date: 2.DEC.2017 16:37:41

11.41 11N20MIMO_52 ANT 1



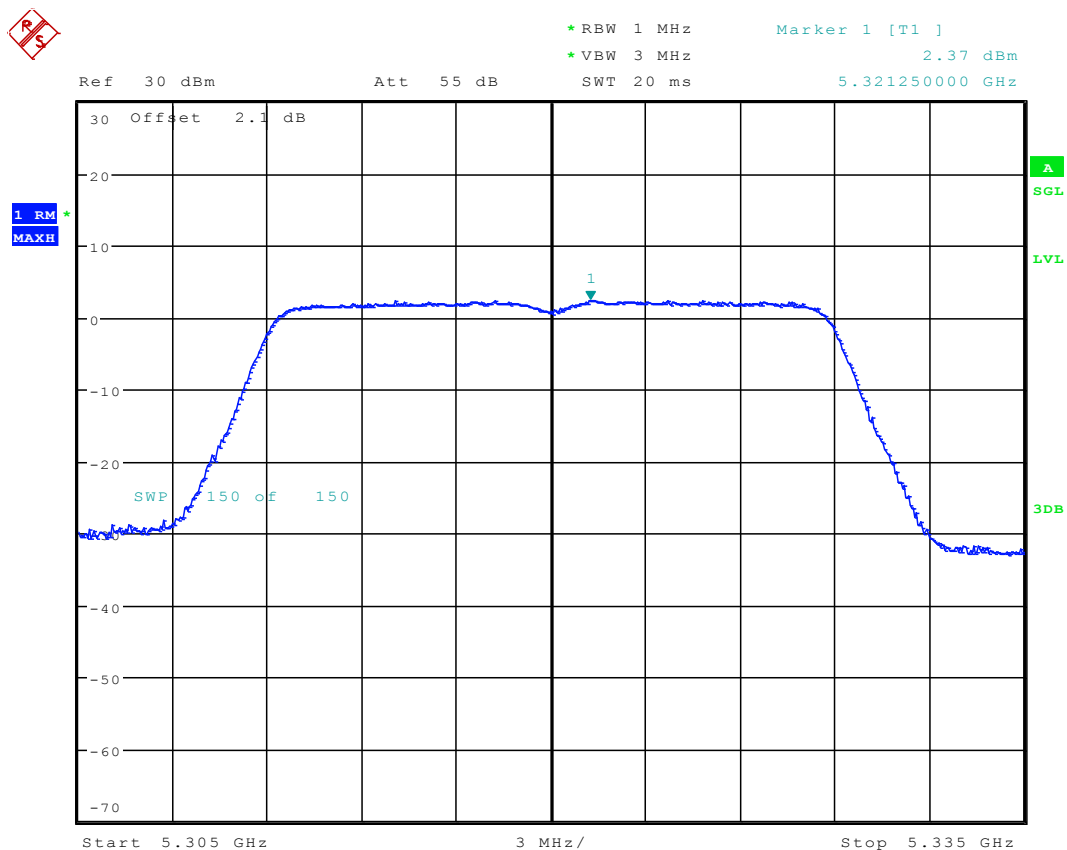
Date: 2.DEC.2017 14:01:43

11.42 11N20MIMO_52 ANT 2



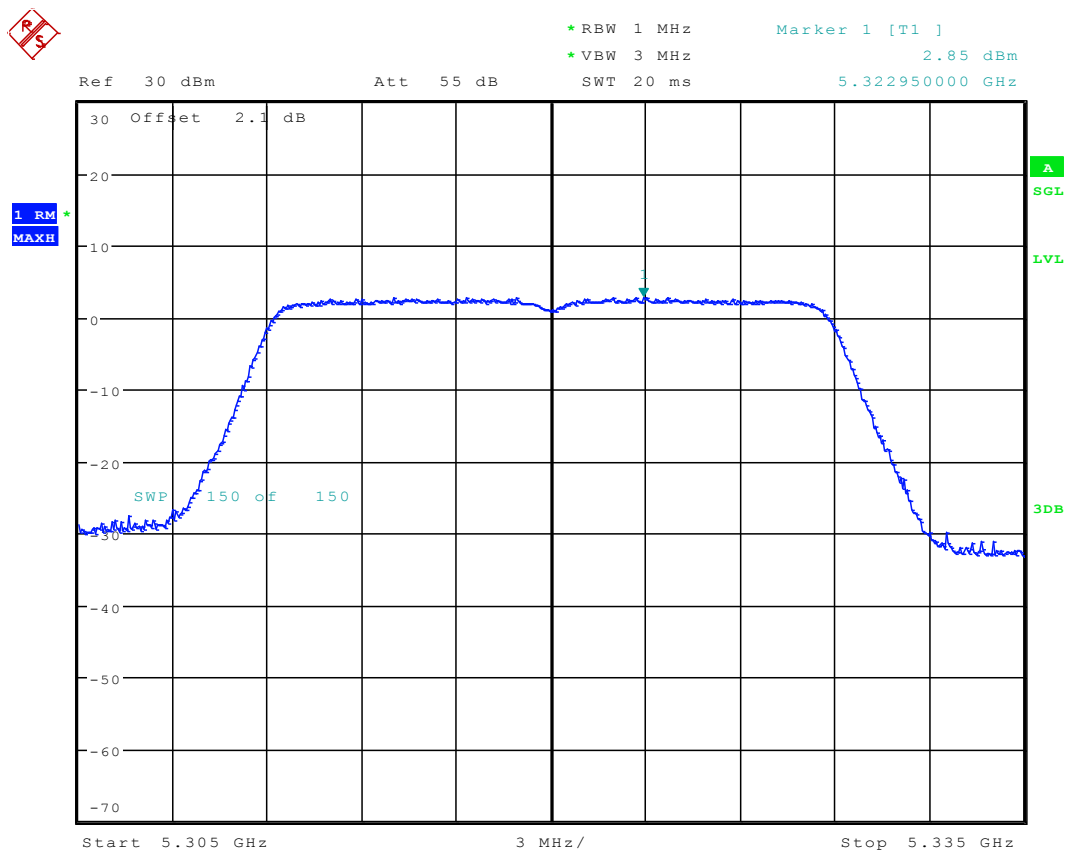
Date: 2.DEC.2017 16:39:59

11.43 11N20MIMO_64 ANT 1



Date: 2.DEC.2017 14:03:52

11.44 11N20MIMO_64 ANT 2



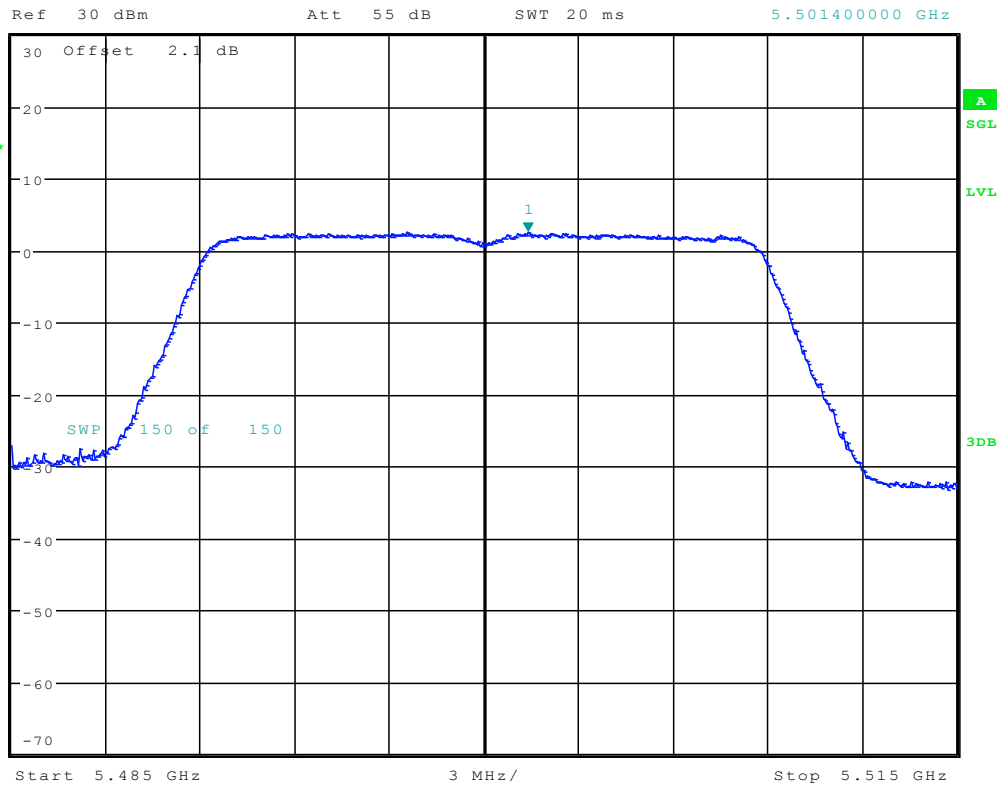
Date: 2.DEC.2017 16:42:13

11.45 11N20MIMO_100 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
2.59 dBm
5.501400000 GHz

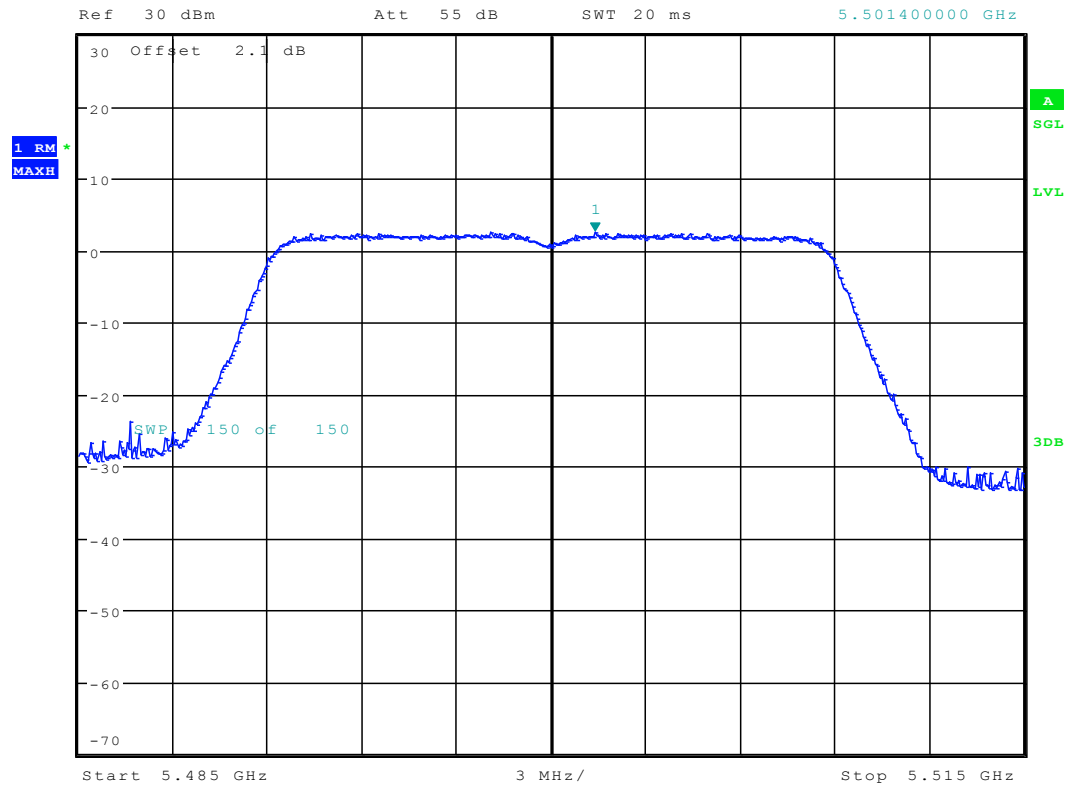


Date: 2.DEC.2017 14:06:33

11.46 11N20MIMO_100 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms
Marker 1 [T1]
2.63 dBm
5.501400000 GHz



Date: 2.DEC.2017 16:44:23

11.47 11N20MIMO_140 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-1.19 dBm

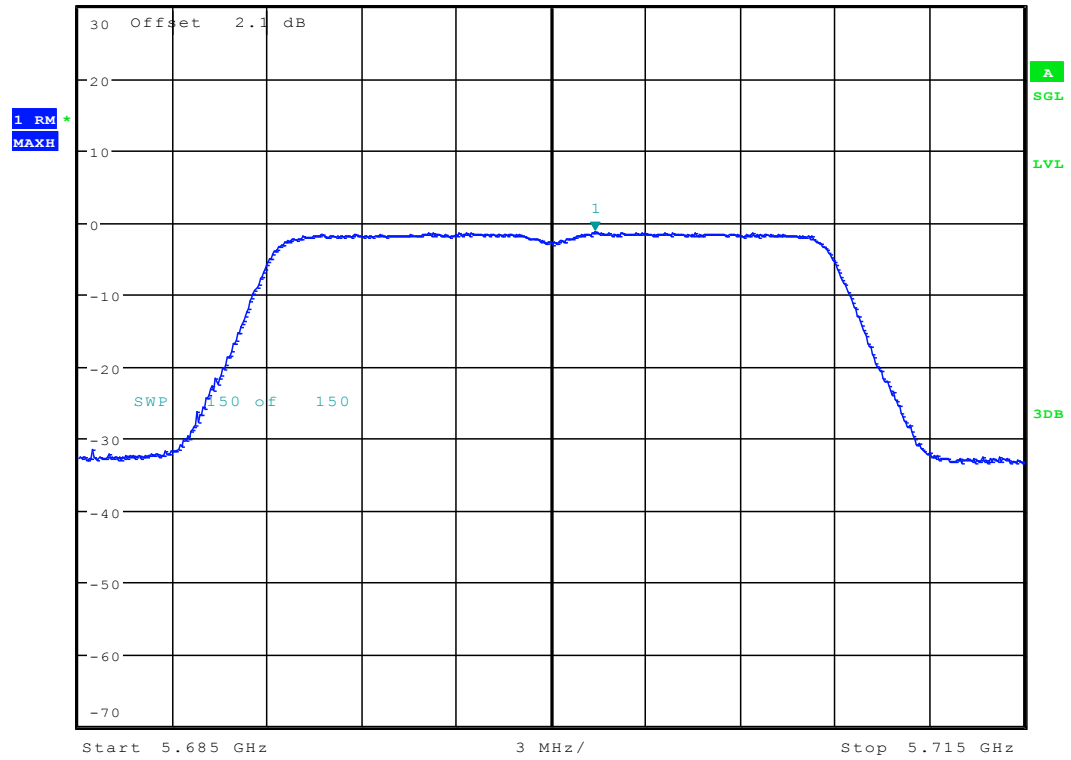
5.701400000 GHz

Ref 30 dBm

Att 55 dB

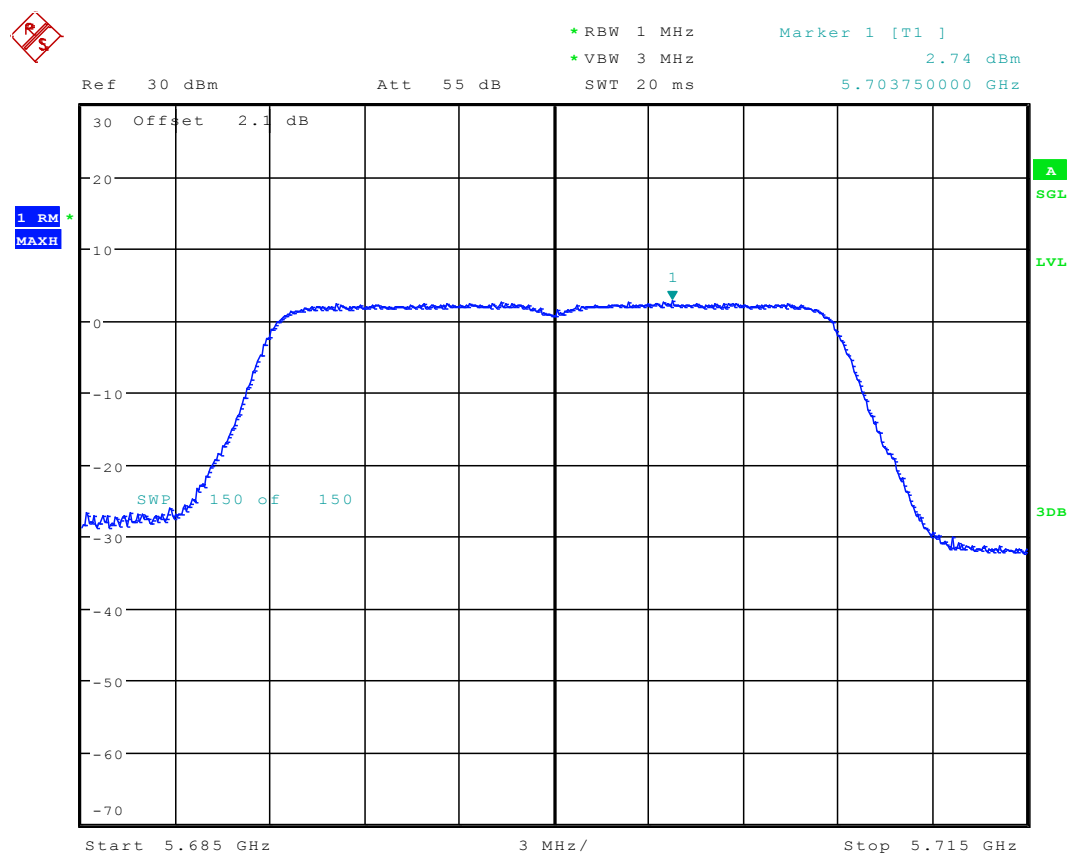
SWT 20 ms

5.701400000 GHz



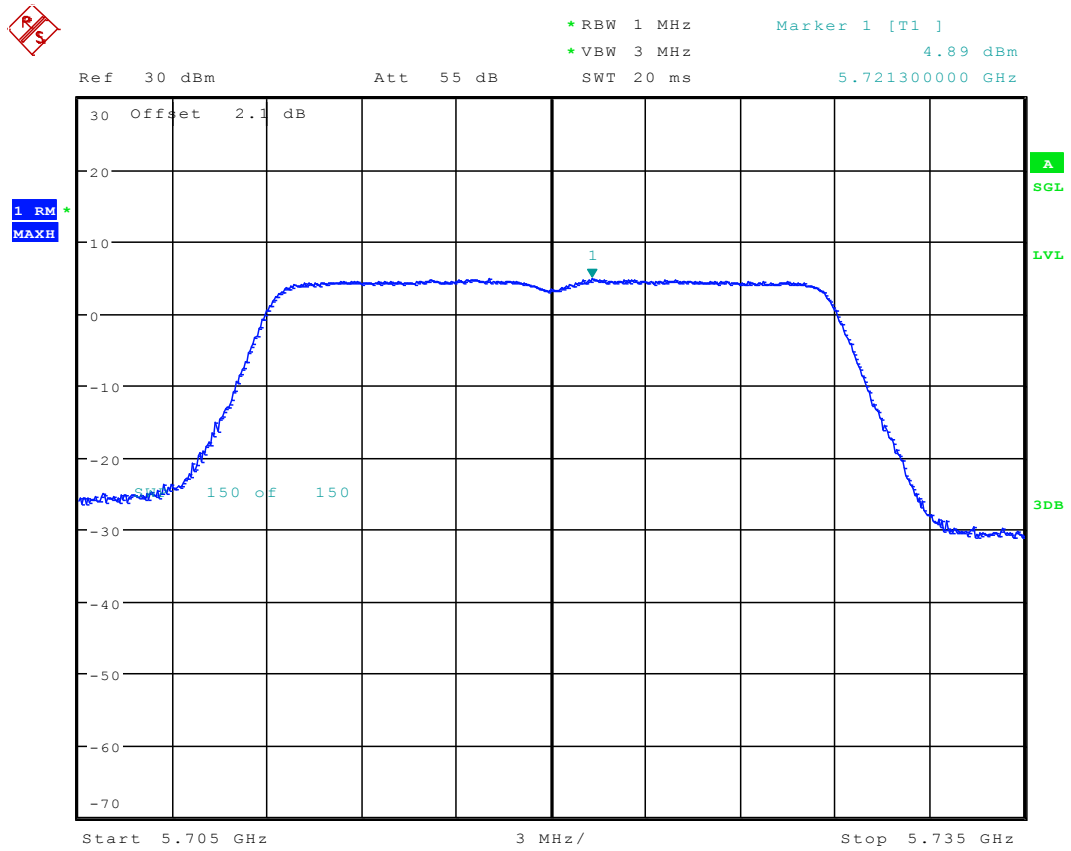
Date: 2.DEC.2017 14:10:22

11.48 11N20MIMO_140 ANT 2



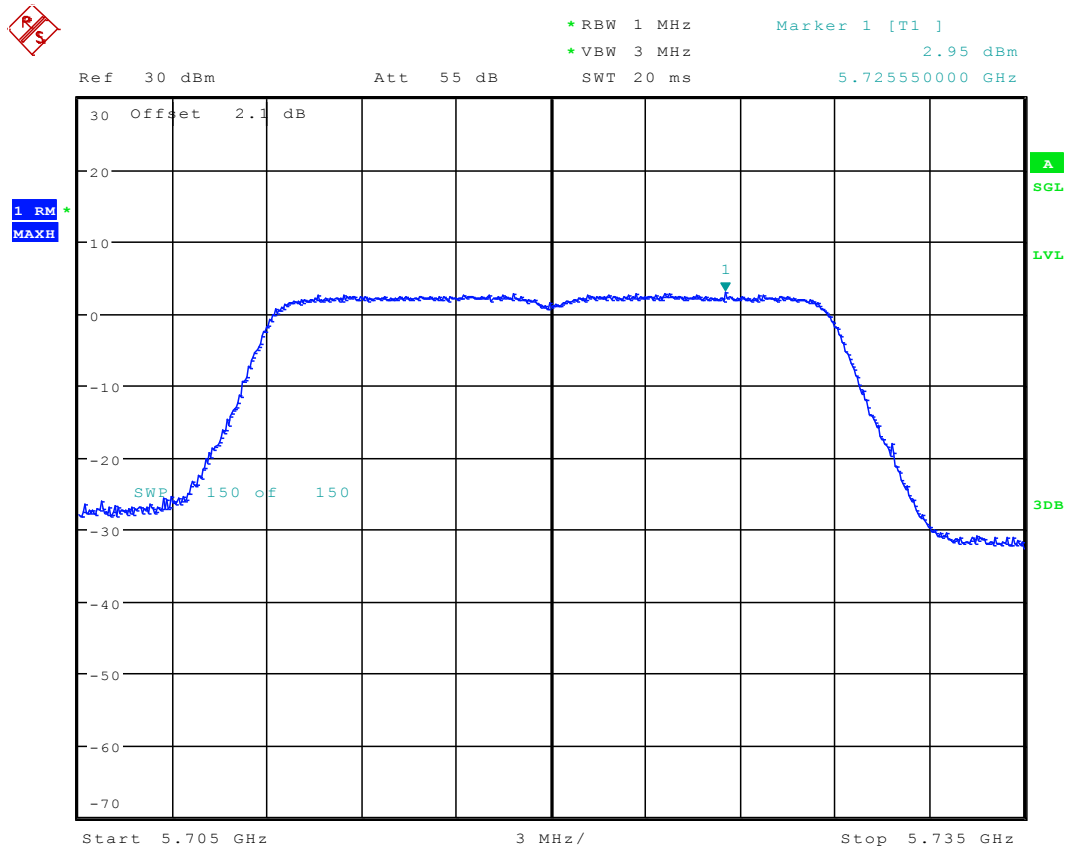
Date: 2.DEC.2017 16:46:41

11.49 11N20MIMO_144 ANT 1



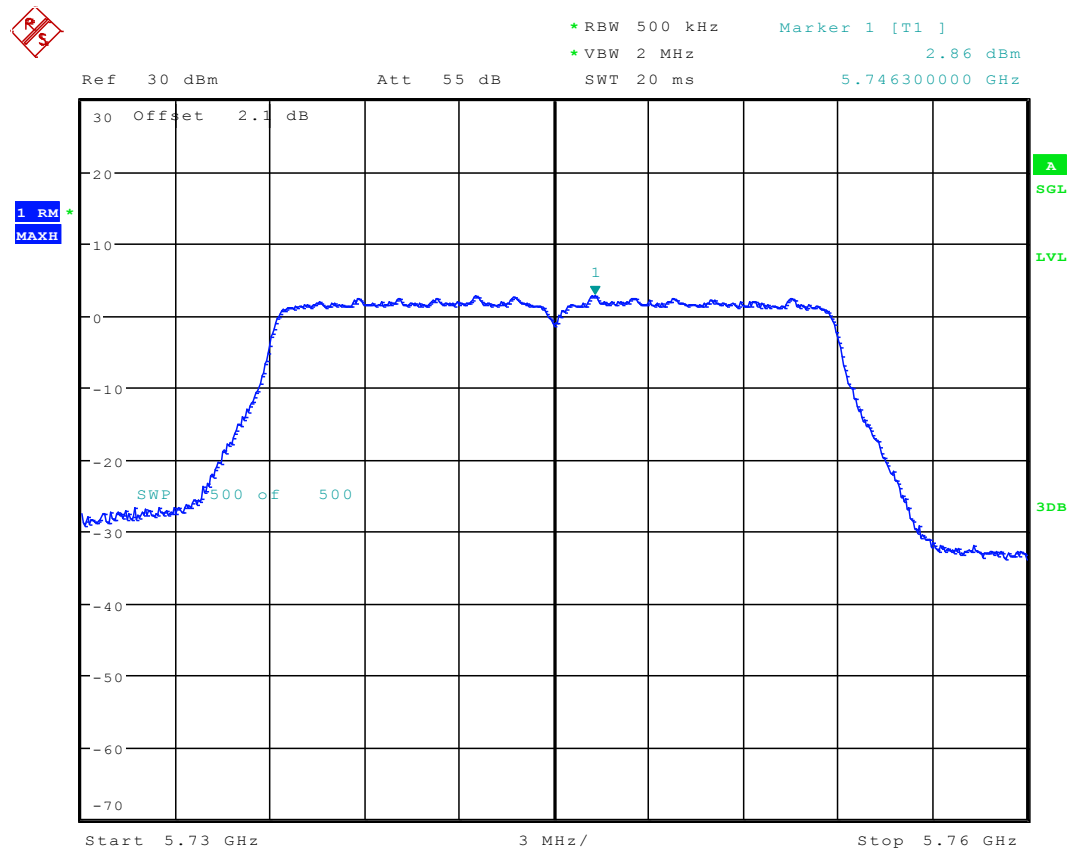
Date: 2.DEC.2017 14:13:06

11.50 11N20MIMO_144 ANT 2



Date: 2.DEC.2017 16:48:48

11.51 11N20MIMO_149 ANT 1

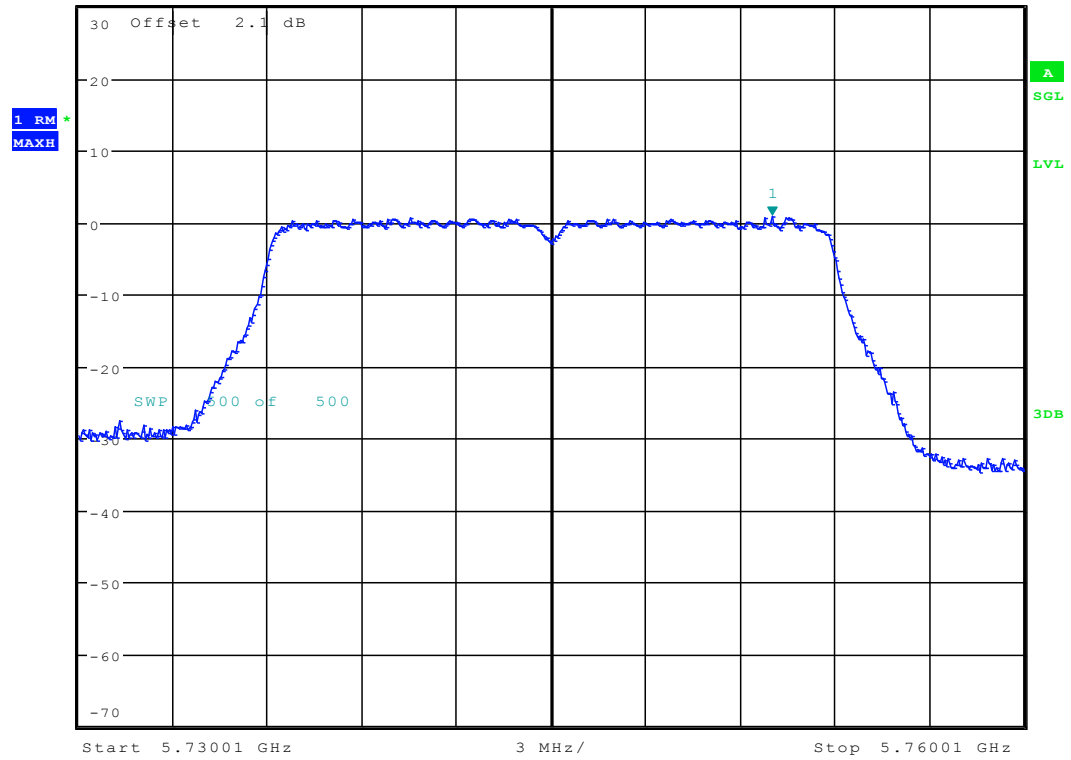


Date: 2.DEC.2017 14:15:53

11.52 11N20MIMO_149 ANT 2

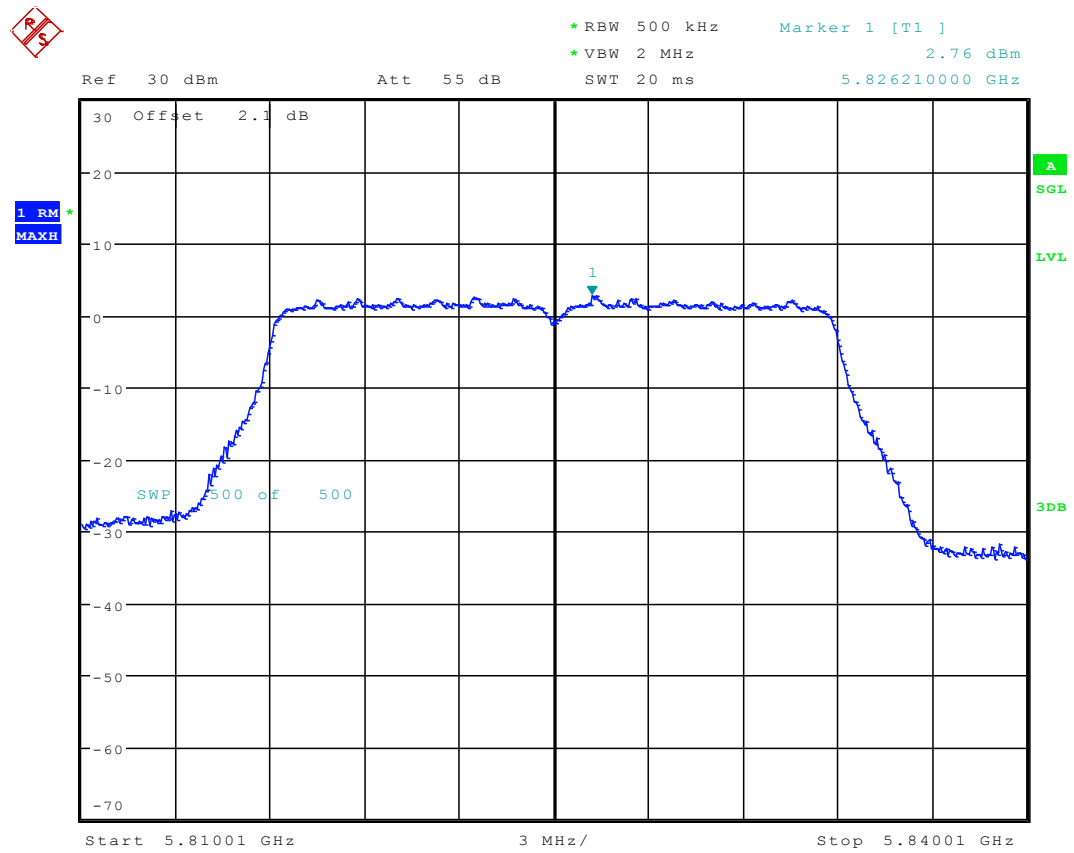


*RBW 500 kHz Marker 1 [T1]
 *VBW 2 MHz 0.89 dBm
 Ref 30 dBm Att 55 dB SWT 20 ms 5.752010000 GHz



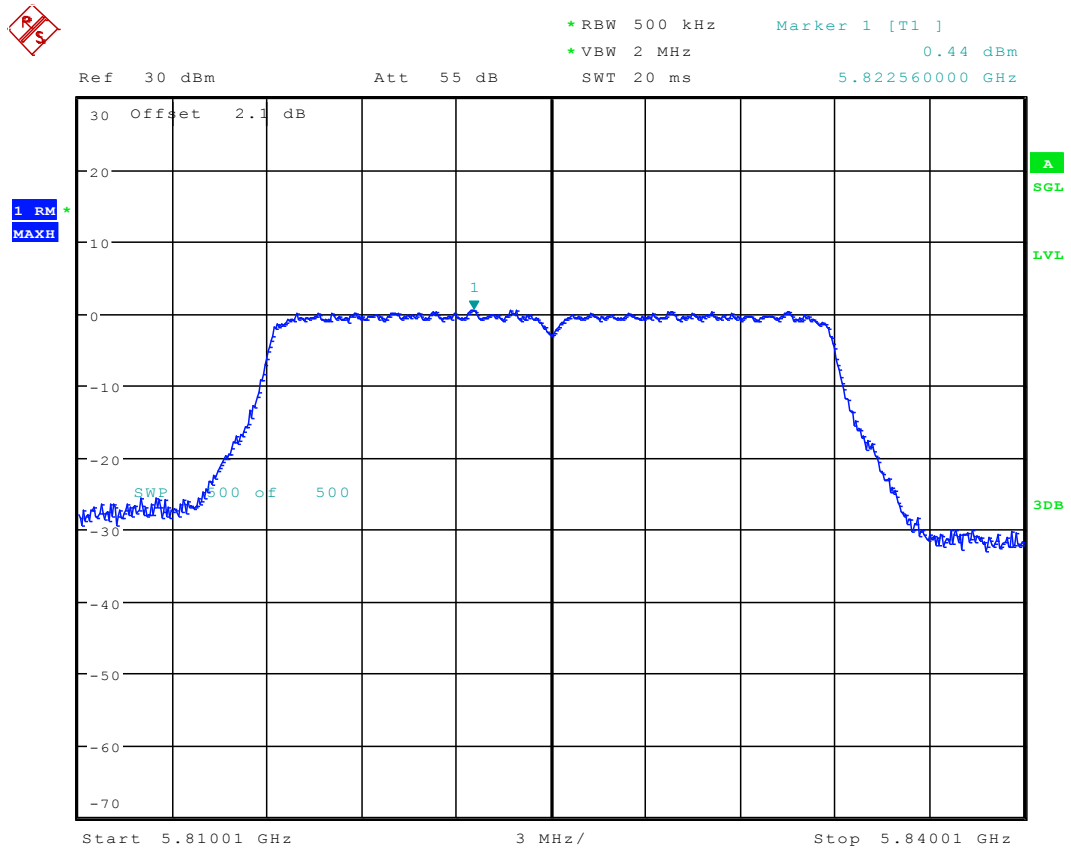
Date: 2.DEC.2017 16:51:37

11.53 11N20MIMO_165 ANT 1



Date: 2.DEC.2017 14:21:22

11.54 11N20MIMO_165 ANT 2



Date: 2.DEC.2017 16:59:31

11.55 11N40_38 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-4.72 dBm

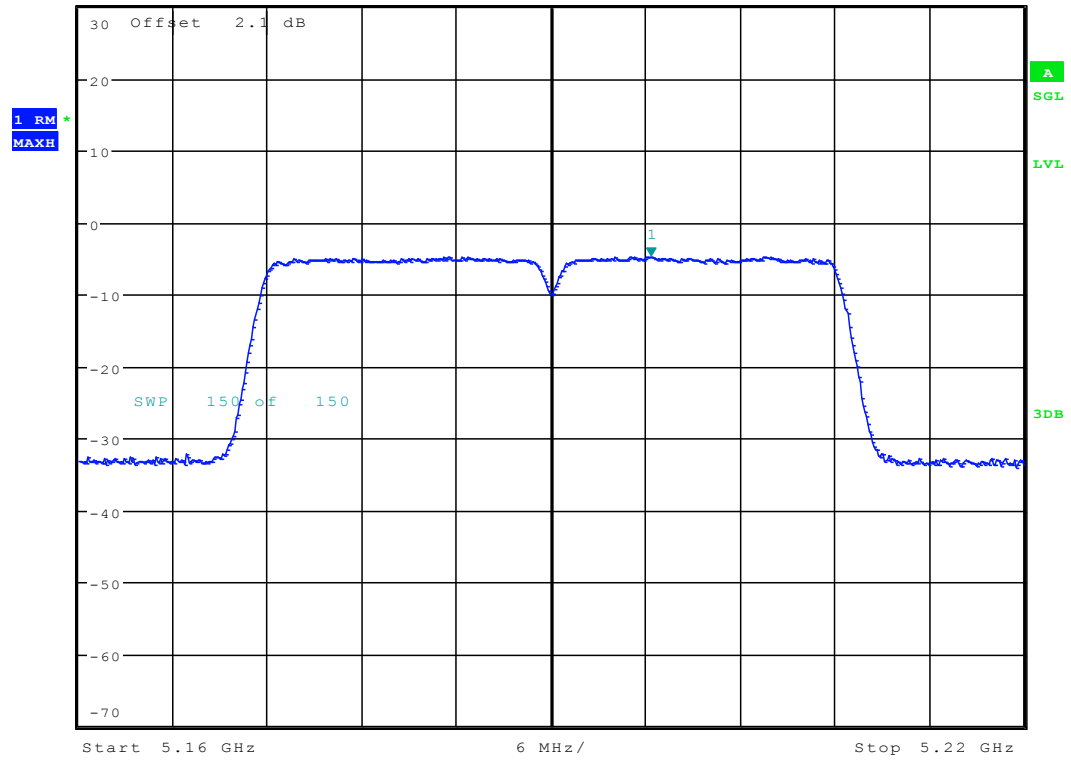
5.196300000 GHz

Ref 30 dBm

Att 55 dB

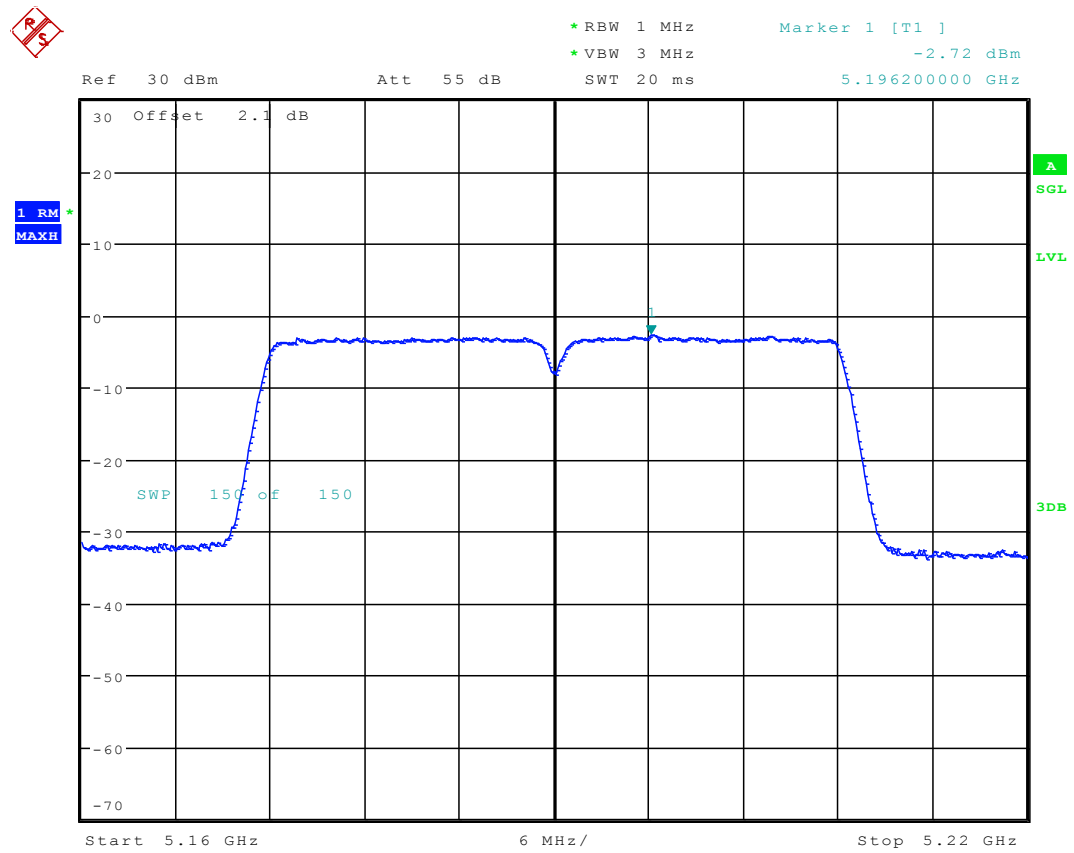
SWT 20 ms

5.196300000 GHz



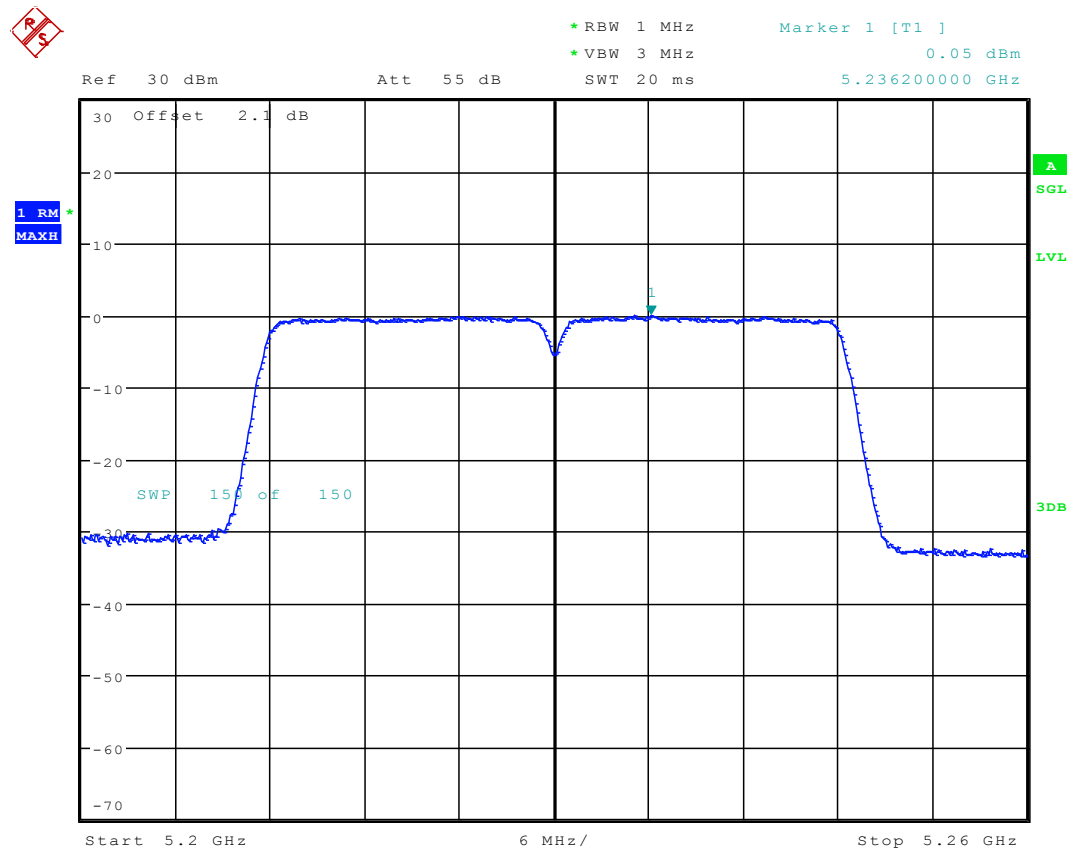
Date: 2.DEC.2017 08:44:01

11.56 11N40_38 ANT 2



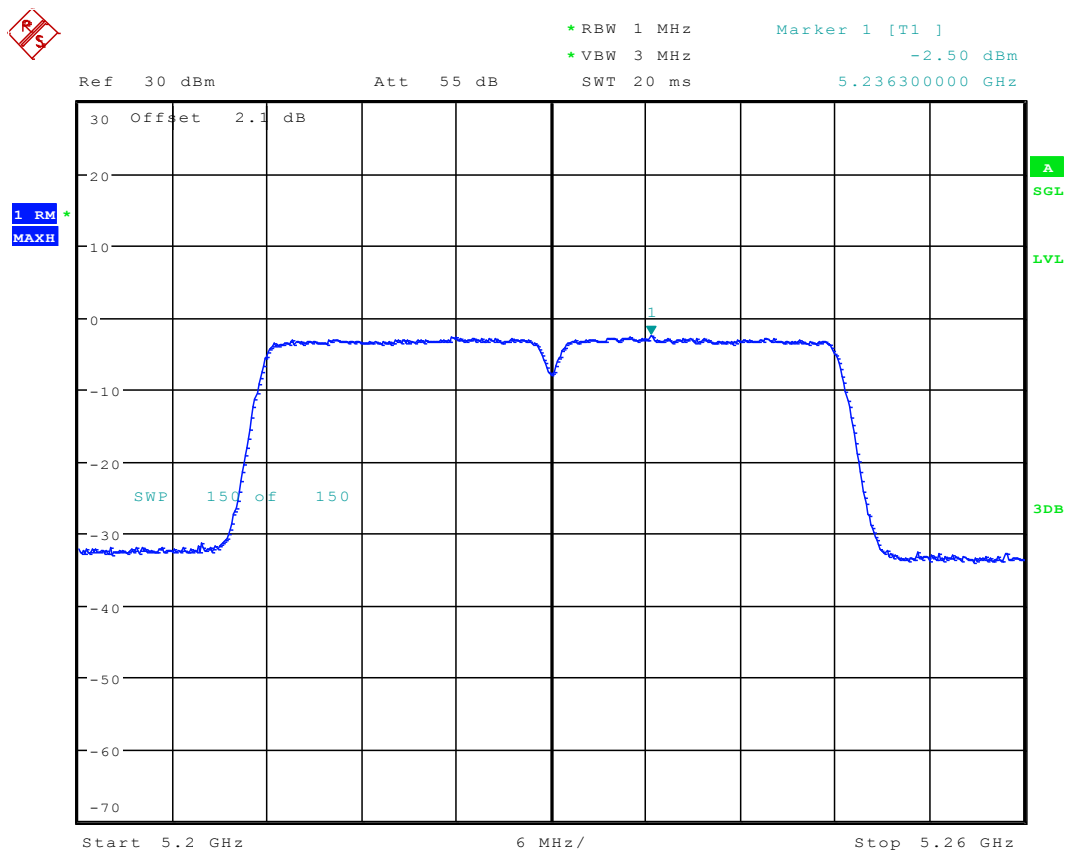
Date: 2.DEC.2017 12:33:12

11.57 11N40_46 ANT 1



Date: 2.DEC.2017 09:00:12

11.58 11N40_46 ANT 2



Date: 2.DEC.2017 12:36:12



Ref 30 dBm Att 55 dB SWT 20 ms 5.27840000 GHz

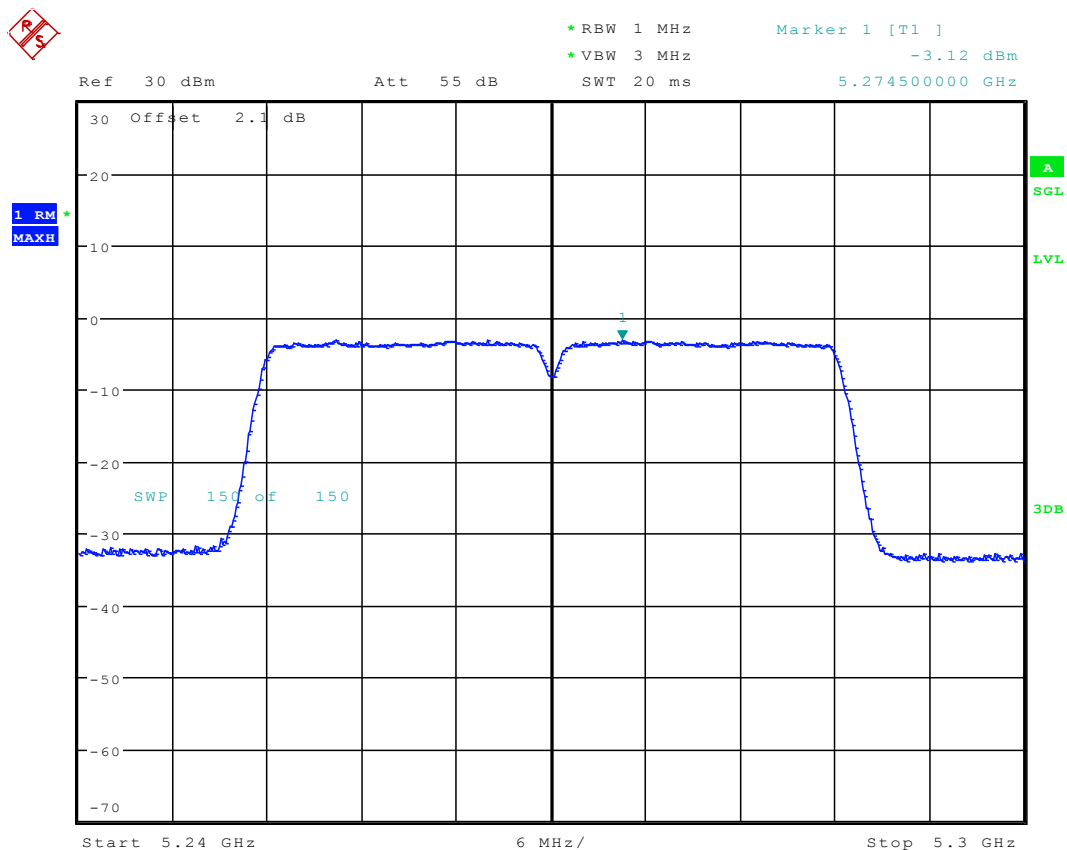
Offset 2.1 dB

SWP 15% of 150

Start 5.24 GHz 6 MHz/ Stop 5.3 GHz

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11.60 11N40_54 ANT 2

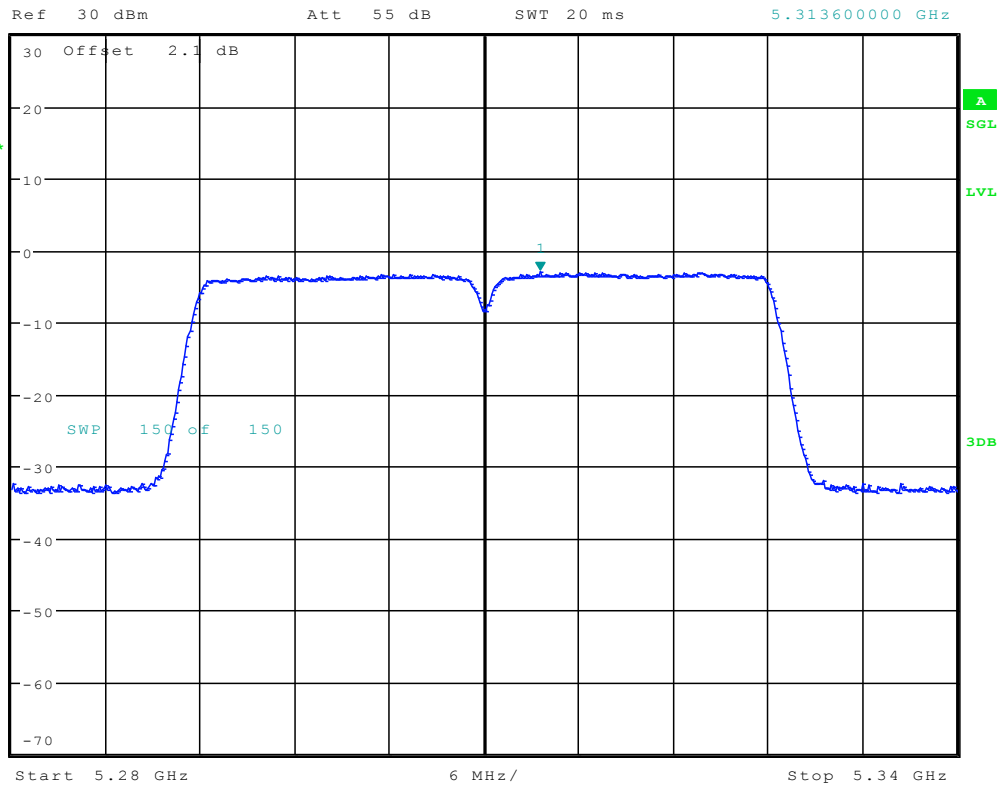


Date: 2.DEC.2017 12:39:17

11.61 11N40_62 ANT 1

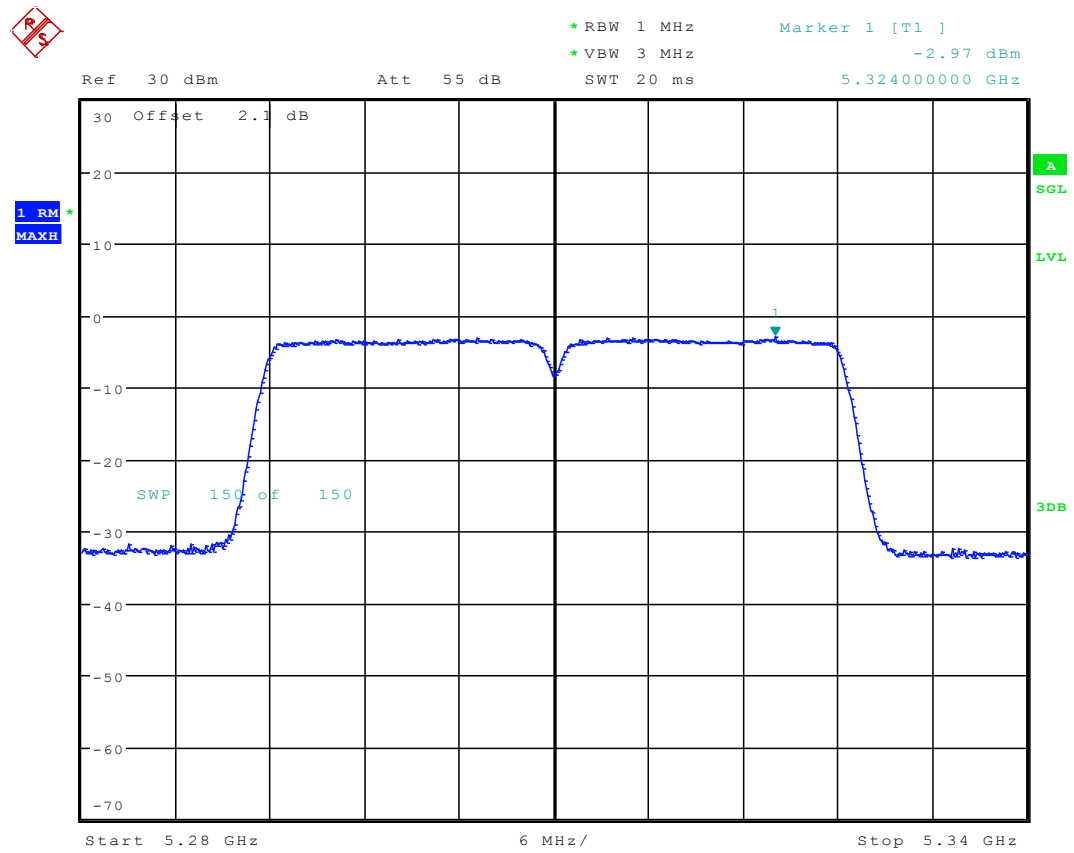


*RBW 1 MHz
*VBW 3 MHz
Marker 1 [T1]
-2.91 dBm
5.313600000 GHz



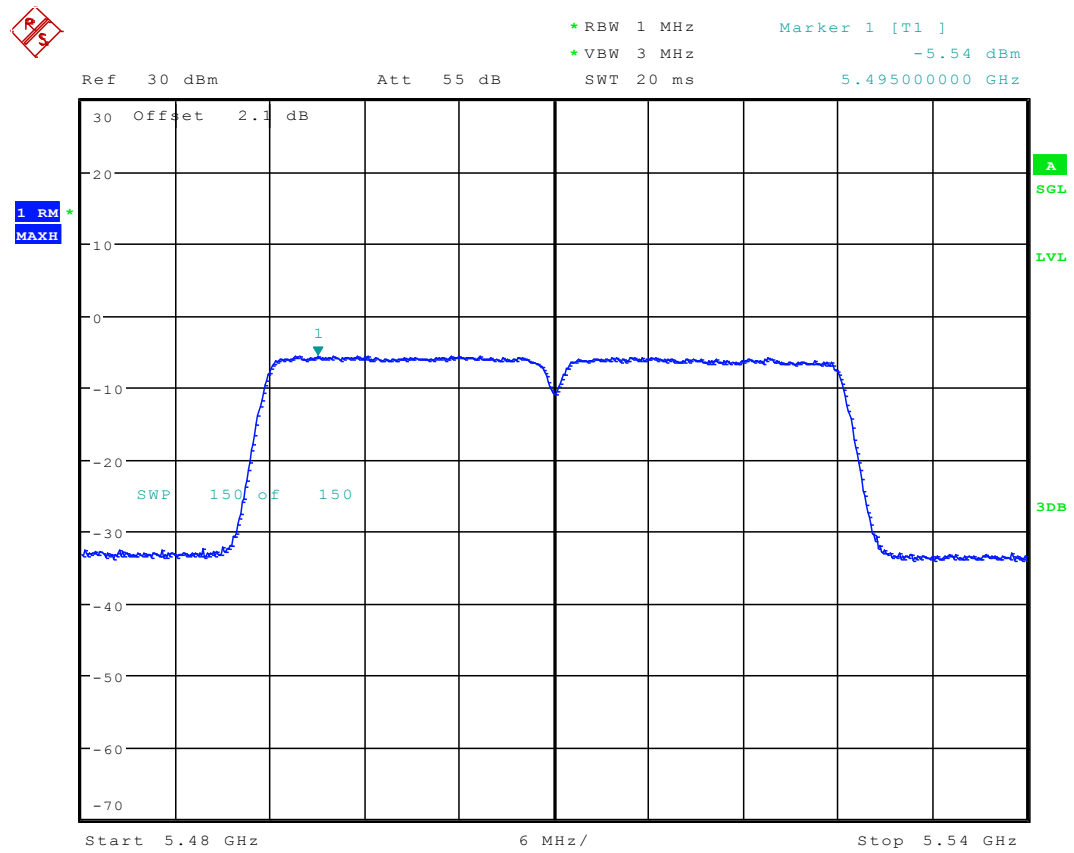
Date: 2.DEC.2017 09:05:24

11.62 11N40_62 ANT 2



Date: 2.DEC.2017 12:41:46

11.63 11N40_102 ANT 1

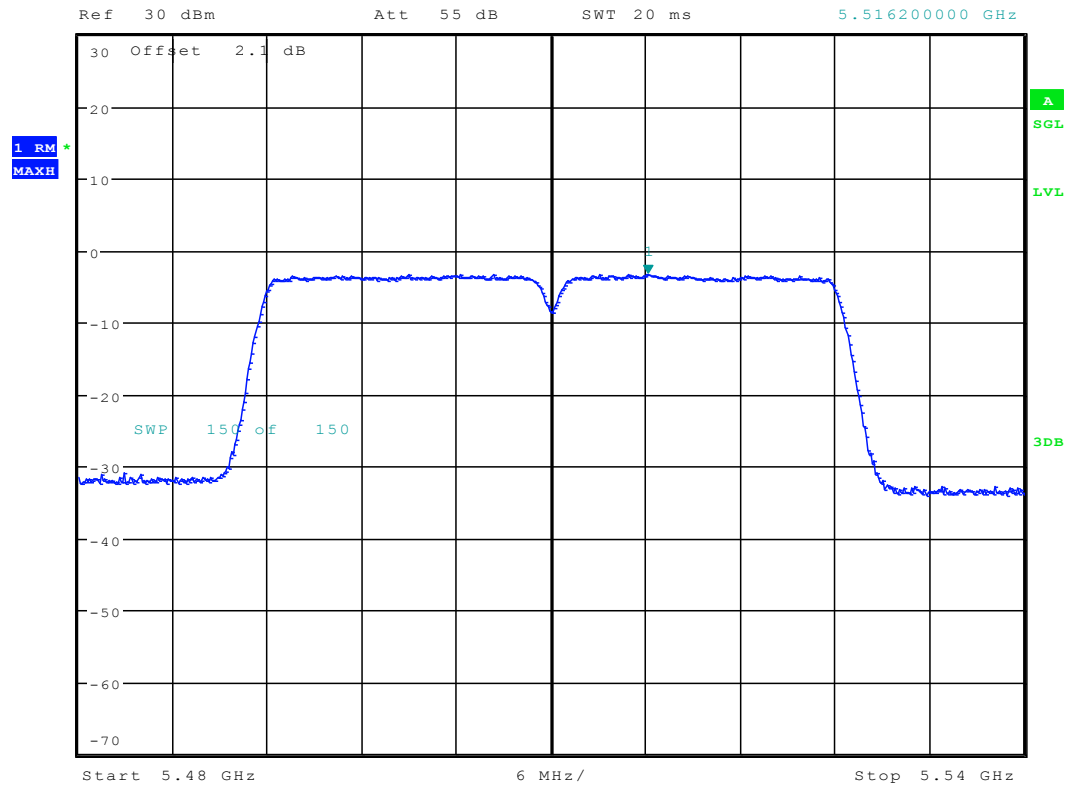


Date: 2.DEC.2017 09:08:17

11.64 11N40_102 ANT 2

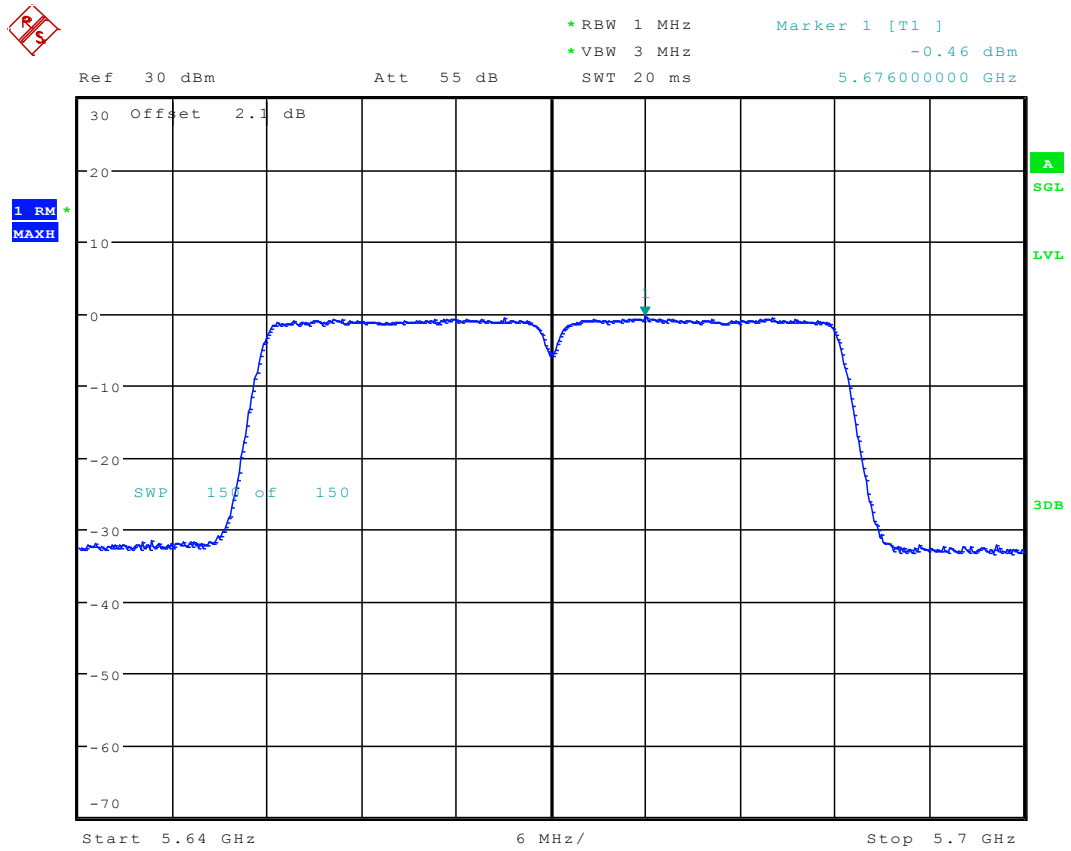


*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms
Marker 1 [T1]
-3.26 dBm
5.51620000 GHz



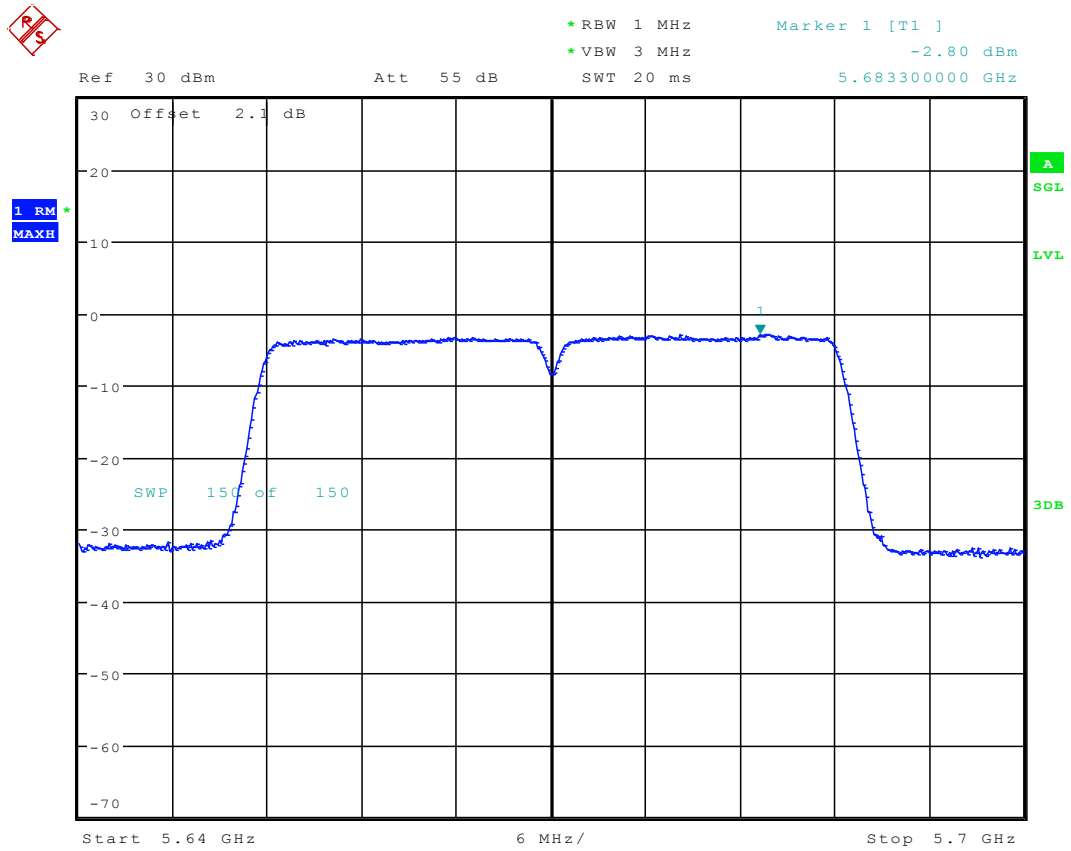
Date: 2.DEC.2017 12:45:09

11.65 11N40_134 ANT 1



Date: 2.DEC.2017 09:10:41

11.66 11N40_134 ANT 2

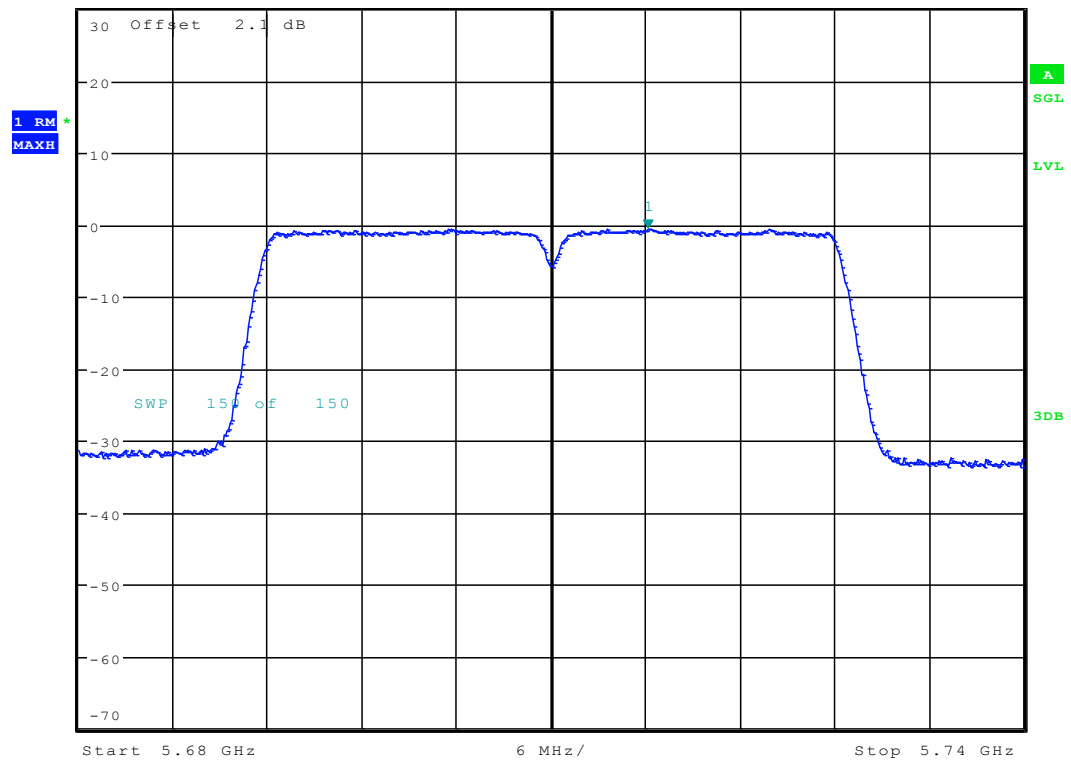


Date: 2.DEC.2017 12:56:13

11.67 11N40_142 ANT 1

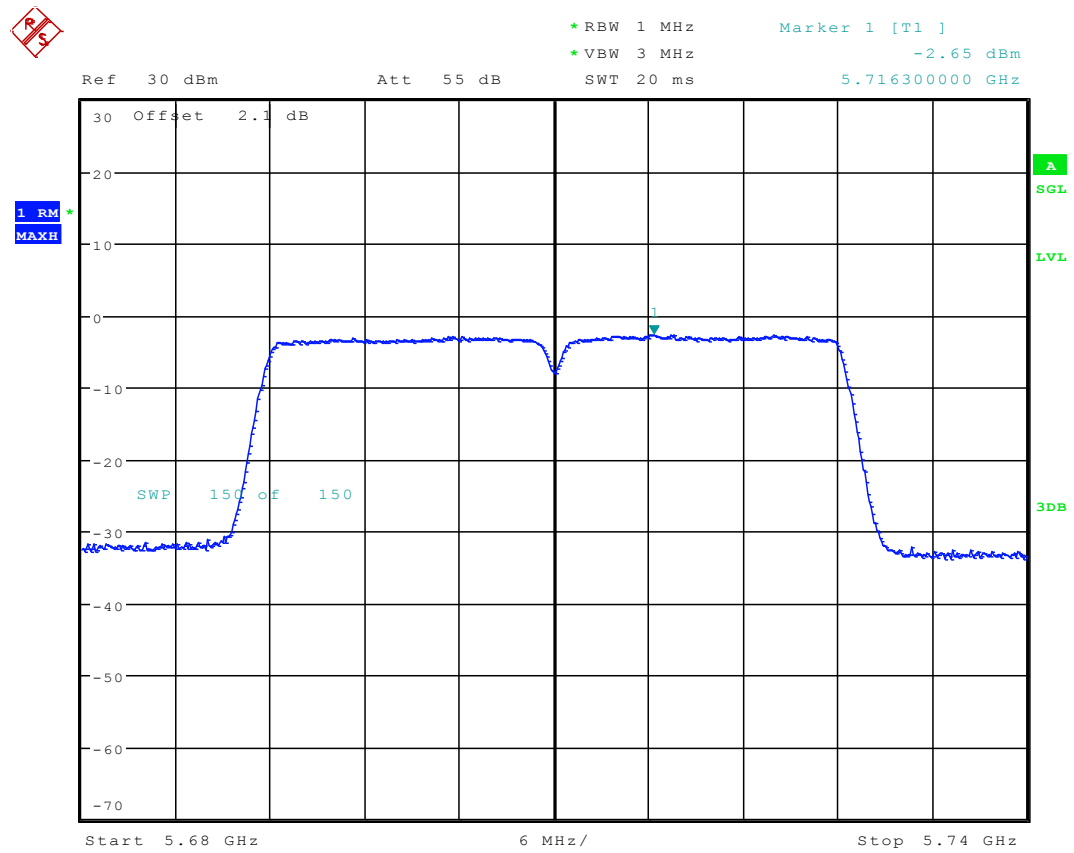


*RBW 1 MHz
*VBW 3 MHz
Marker 1 [T1]
-0.58 dBm
Ref 30 dBm
Att 55 dB
SWT 20 ms
5.71620000 GHz



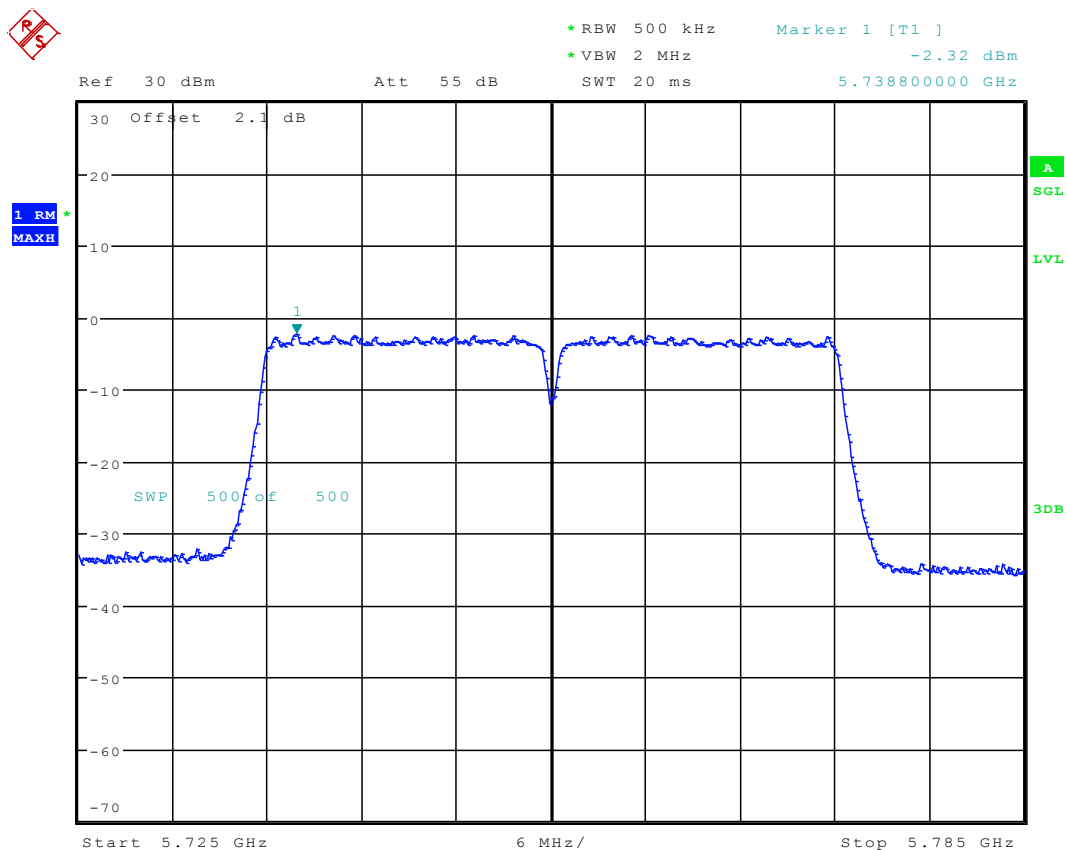
Date: 2.DEC.2017 09:12:48

11.68 11N40_142 ANT 2



Date: 2.DEC.2017 12:47:34

11.69 11N40_151 ANT 1

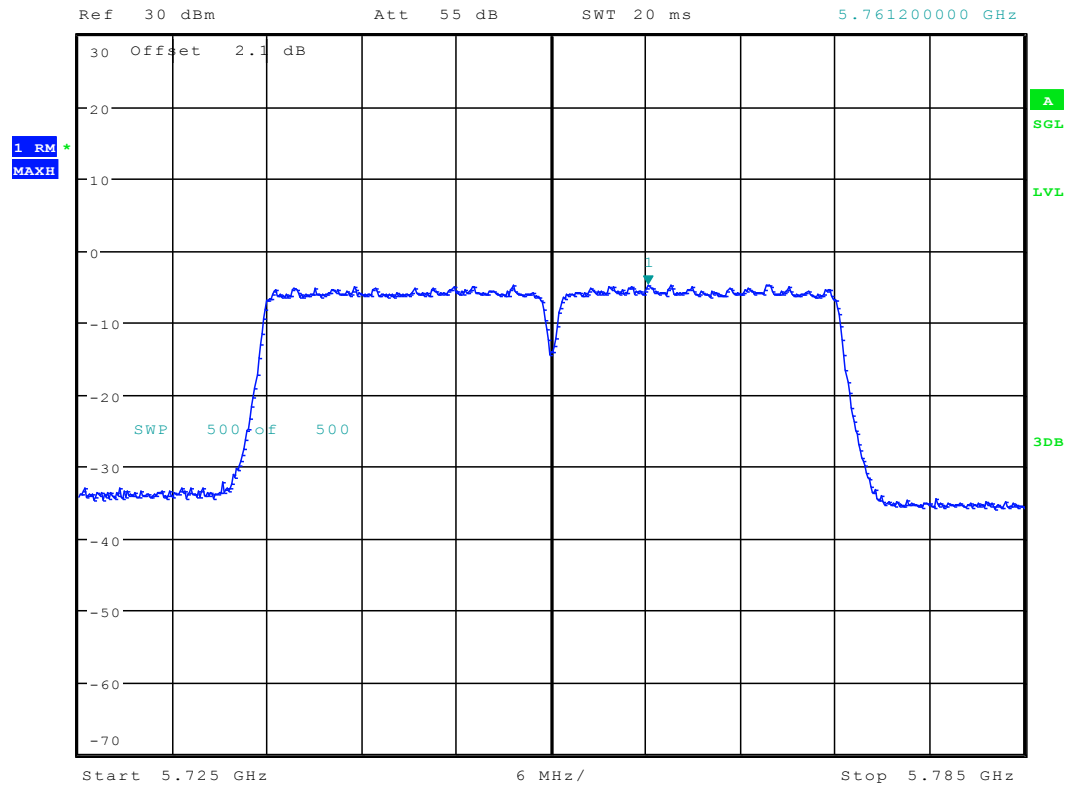


Date: 2.DEC.2017 09:19:15

11.70 11N40_151 ANT 2

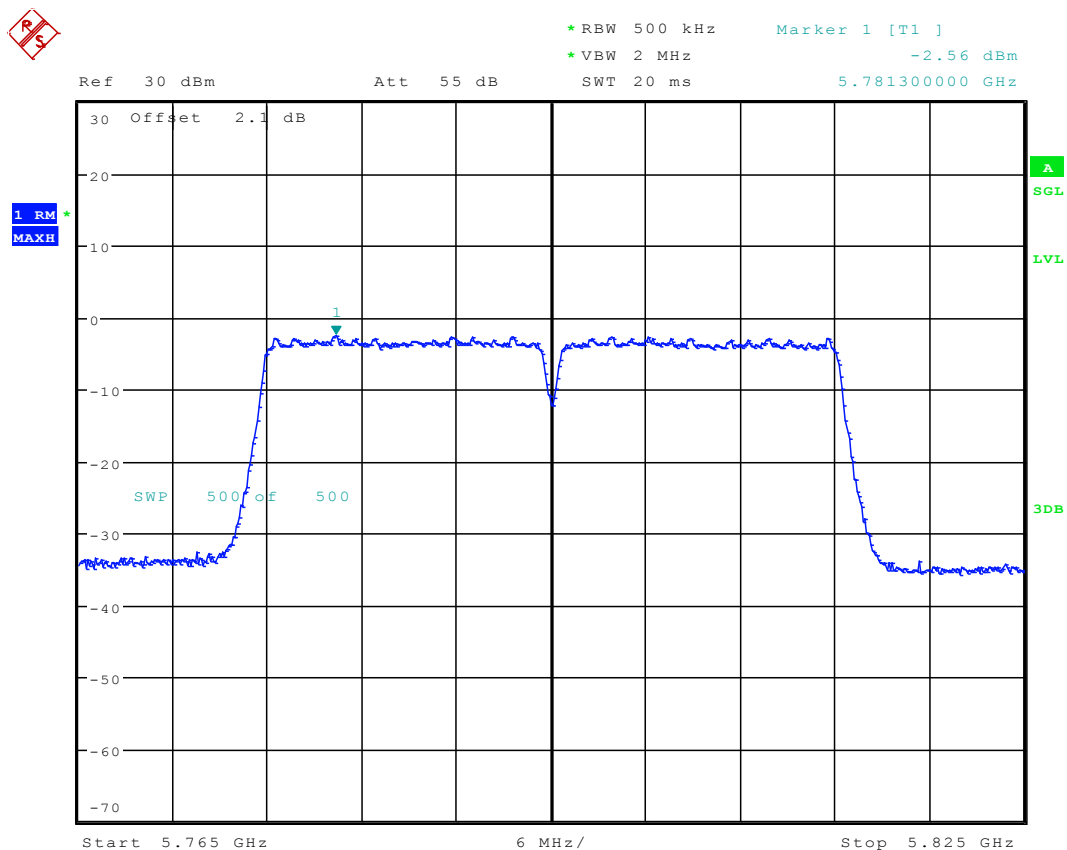


*RBW 500 kHz Marker 1 [T1]
 *VBW 2 MHz -4.71 dBm
 SWT 20 ms 5.761200000 GHz



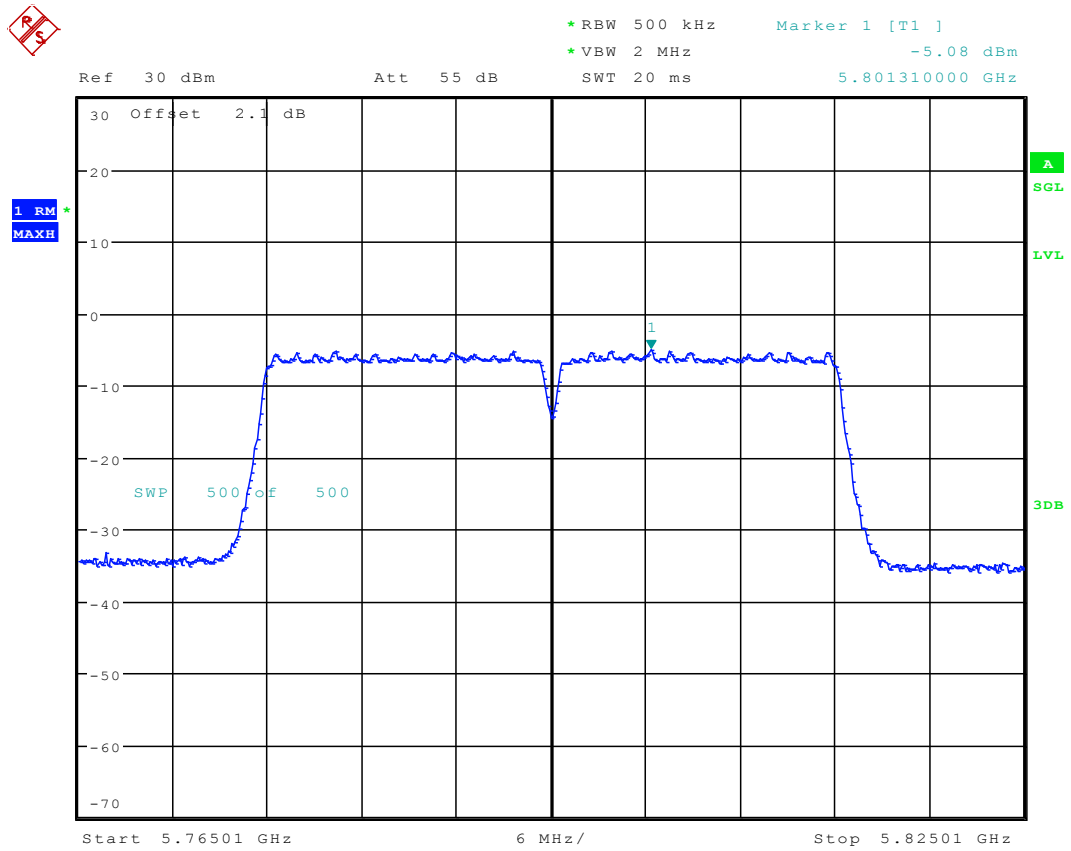
Date: 2.DEC.2017 12:50:37

11.71 11N40_159 ANT 1



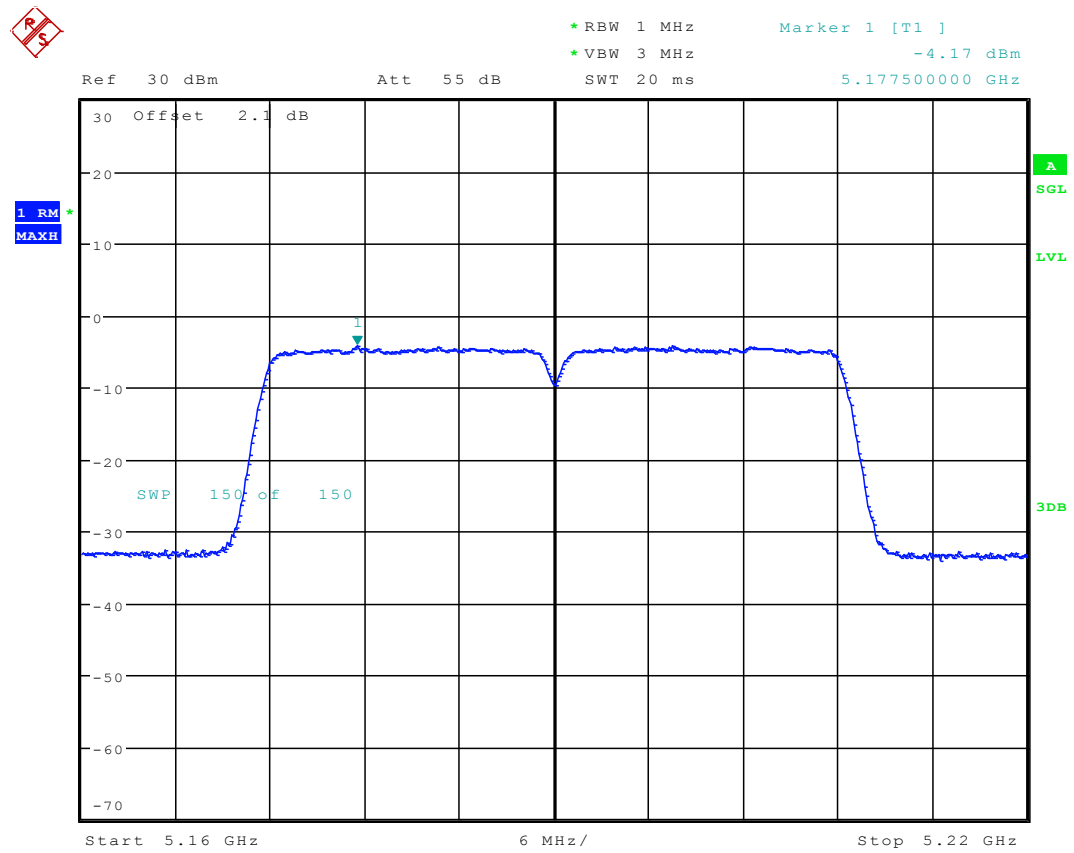
Date: 2.DEC.2017 09:16:28

11.72 11N40_159 ANT 2



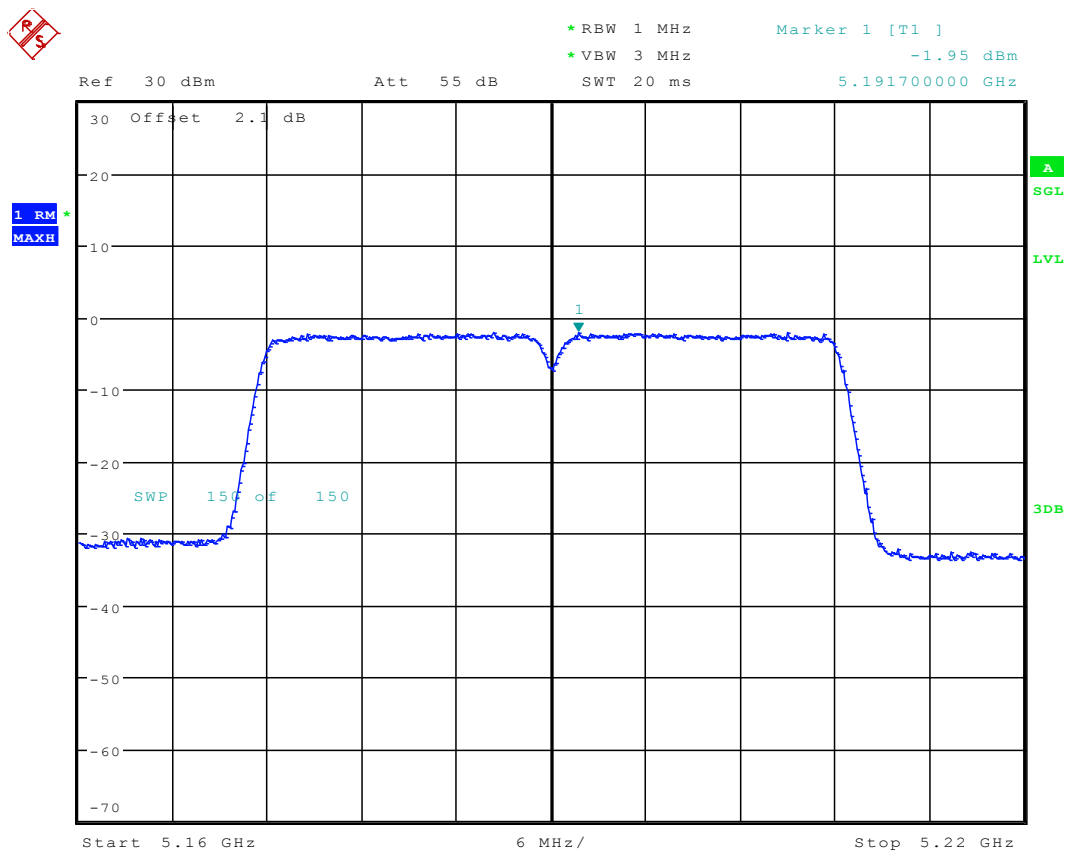
Date: 2.DEC.2017 12:53:42

11.73 11N40MIMO_38 ANT 1



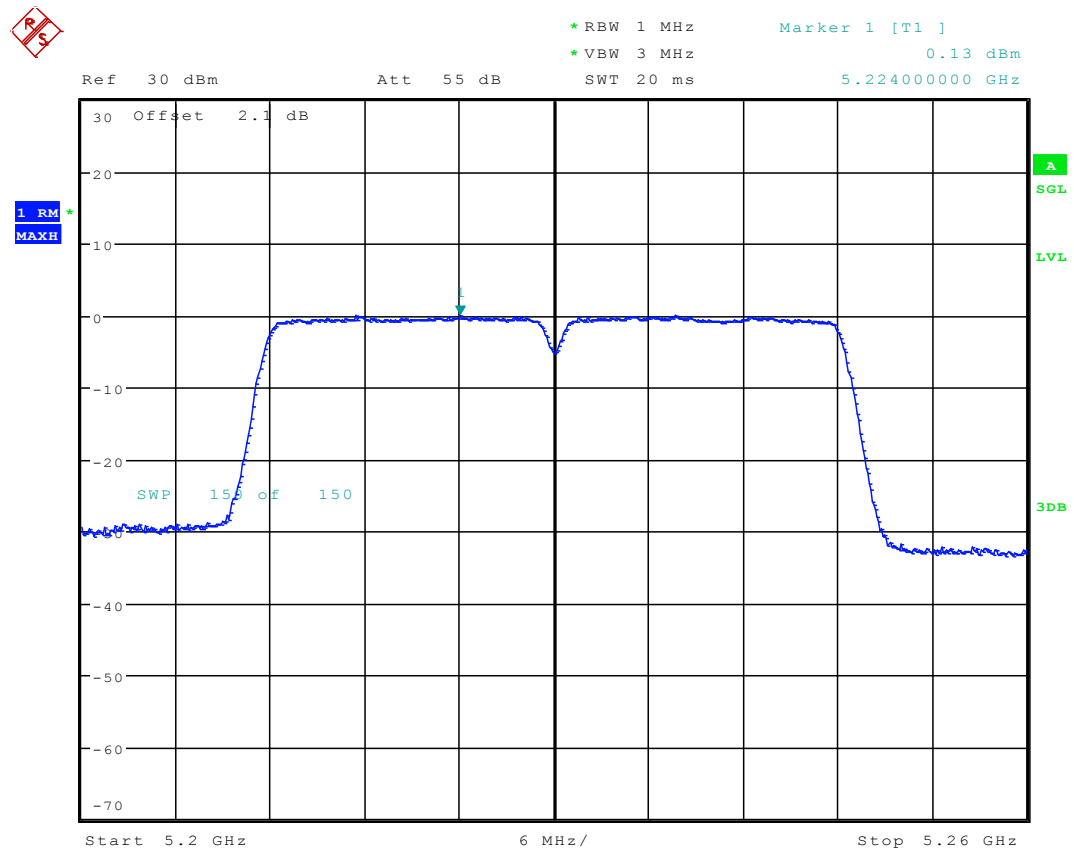
Date: 7.DEC.2017 08:31:56

11.74 11N40MIMO_38 ANT 2



Date: 7.DEC.2017 10:11:32

11.75 11N40MIMO_46 ANT 1



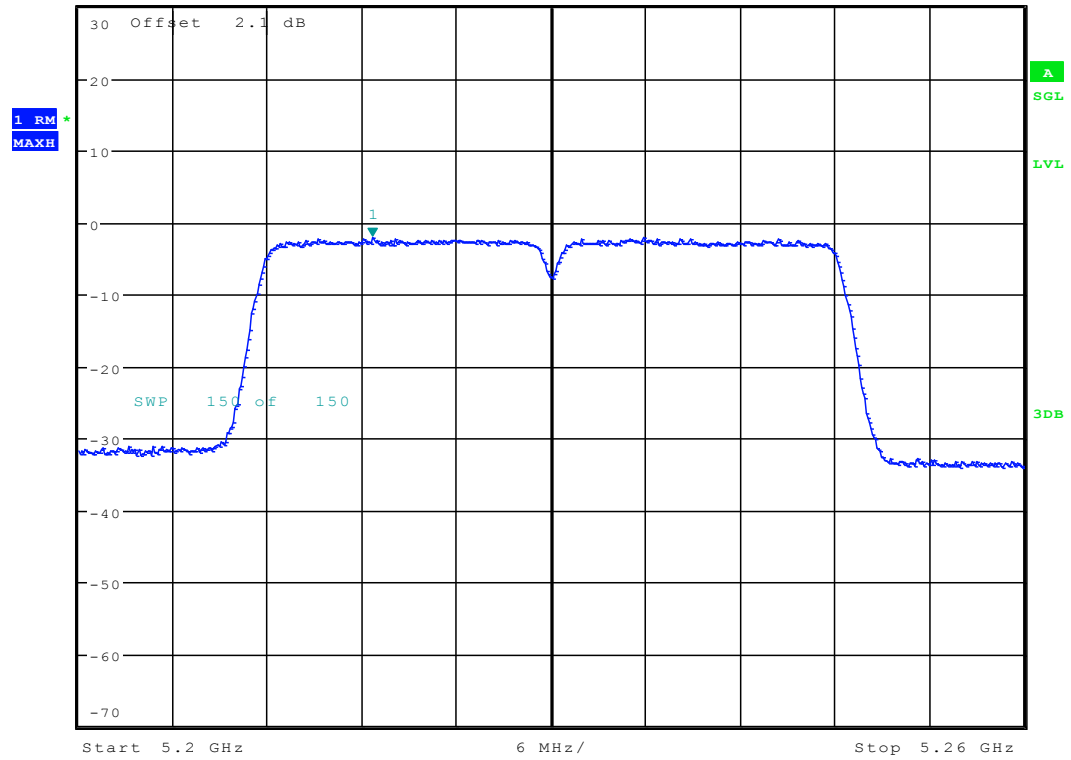
Date: 7.DEC.2017 08:34:32

11.76 11N40MIMO_46 ANT 2



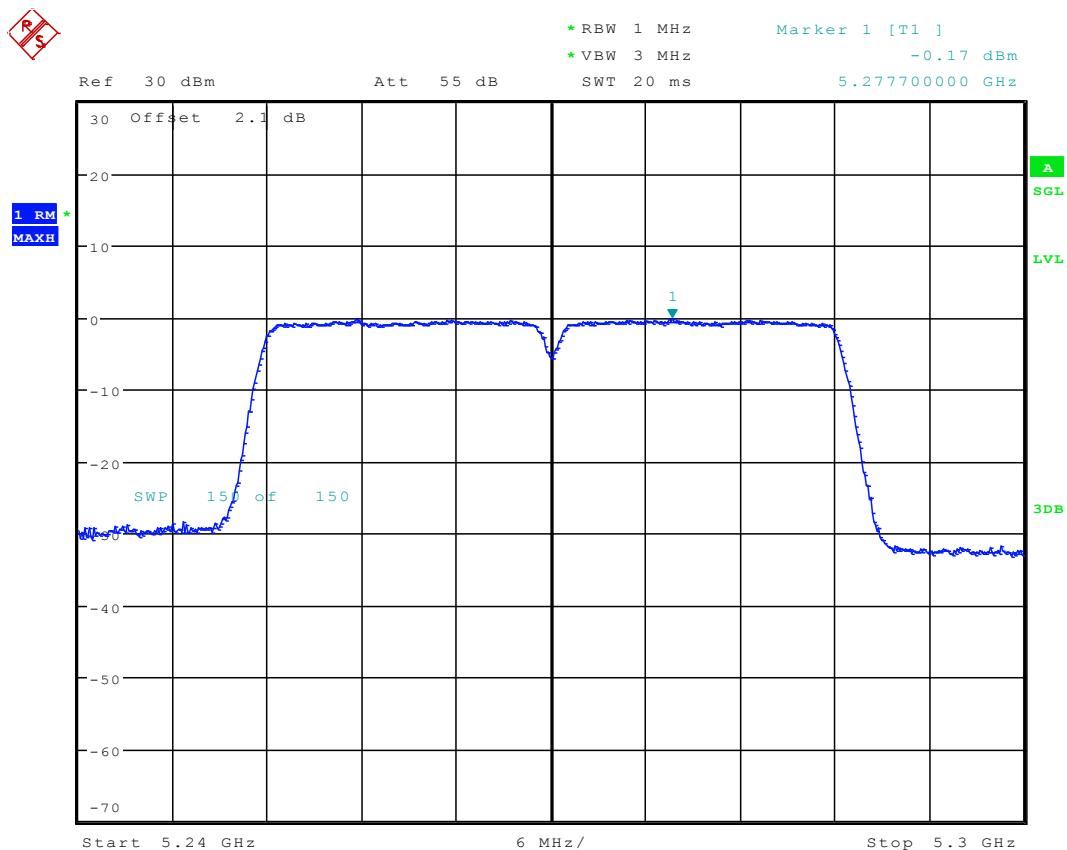
*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-1.95 dBm
5.218700000 GHz



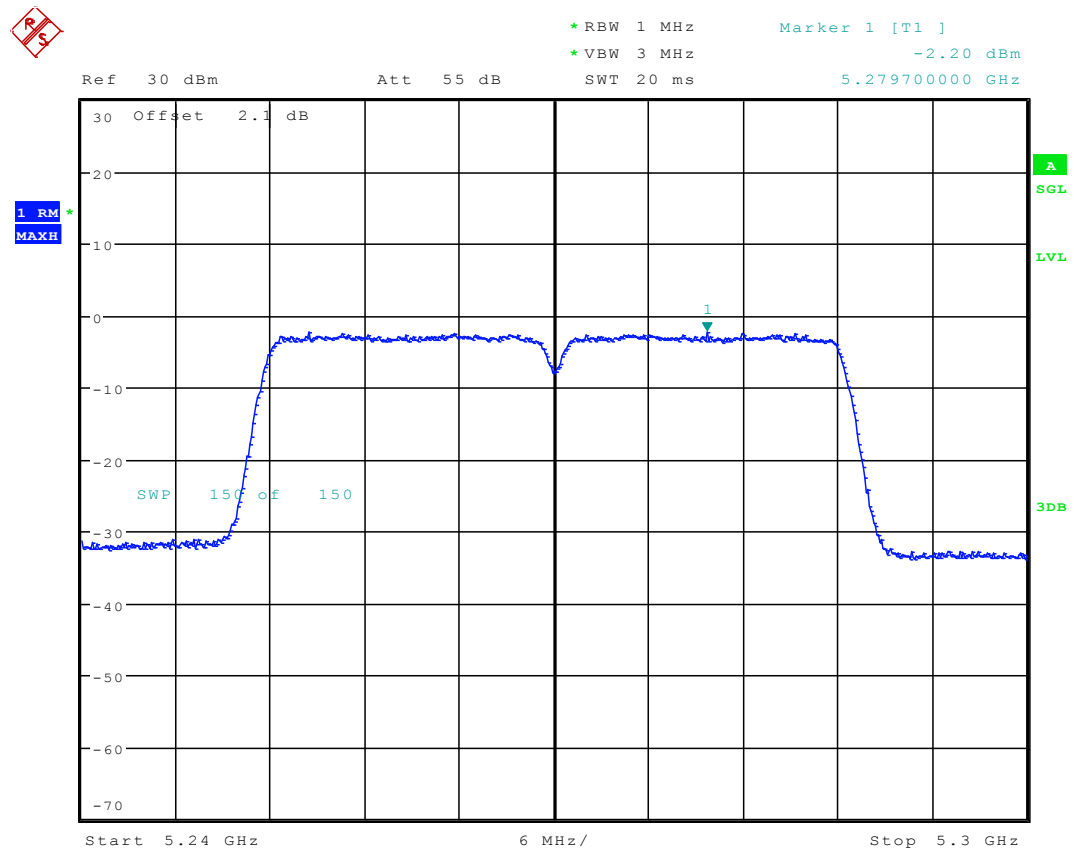
Date: 7.DEC.2017 10:14:09

11.77 11N40MIMO_54 ANT 1



Date: 7.DEC.2017 08:37:34

11.78 11N40MIMO_54 ANT 2



Date: 7.DEC.2017 10:17:03

11.79 11N40MIMO_62 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-3.05 dBm

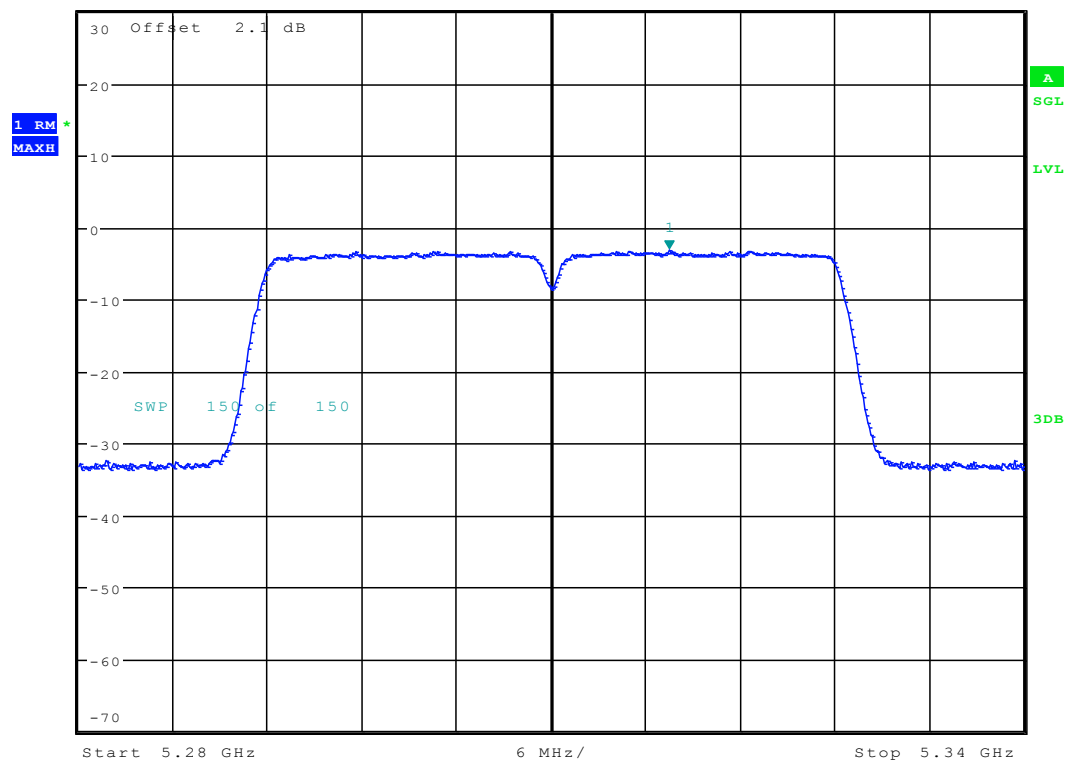
5.317500000 GHz

Ref 30 dBm

Att 55 dB

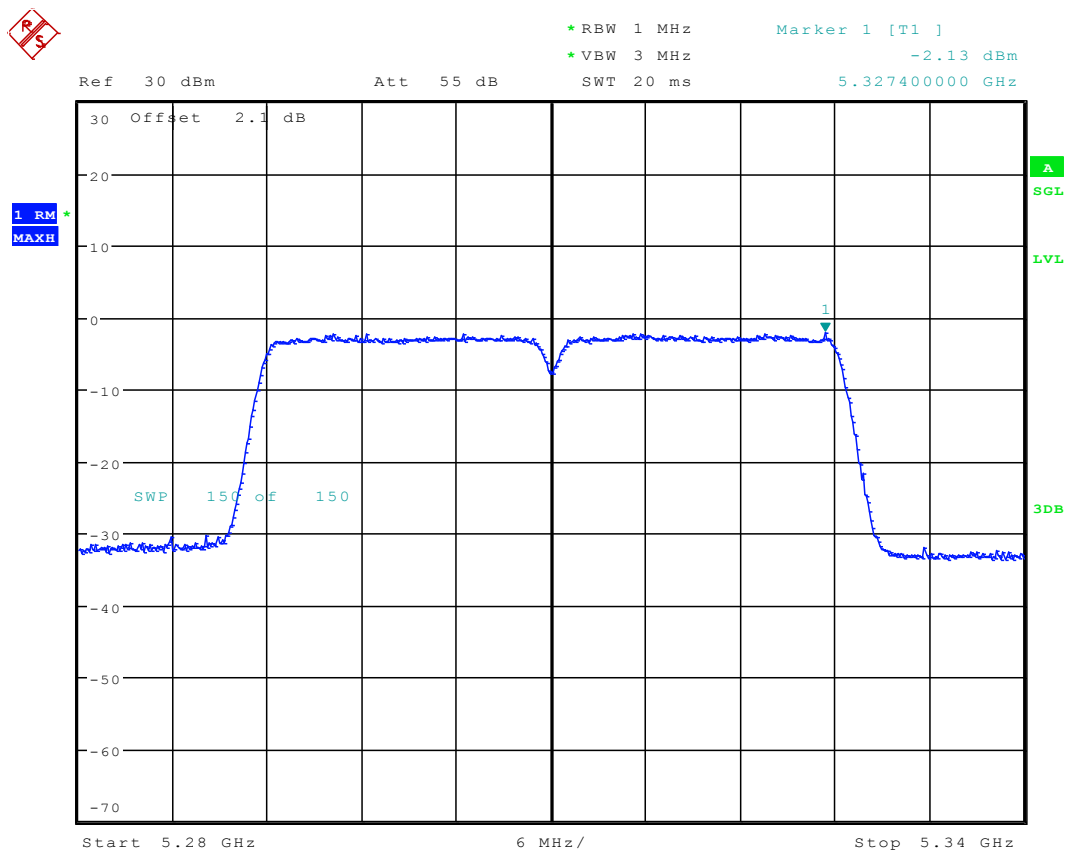
SWT 20 ms

5.317500000 GHz



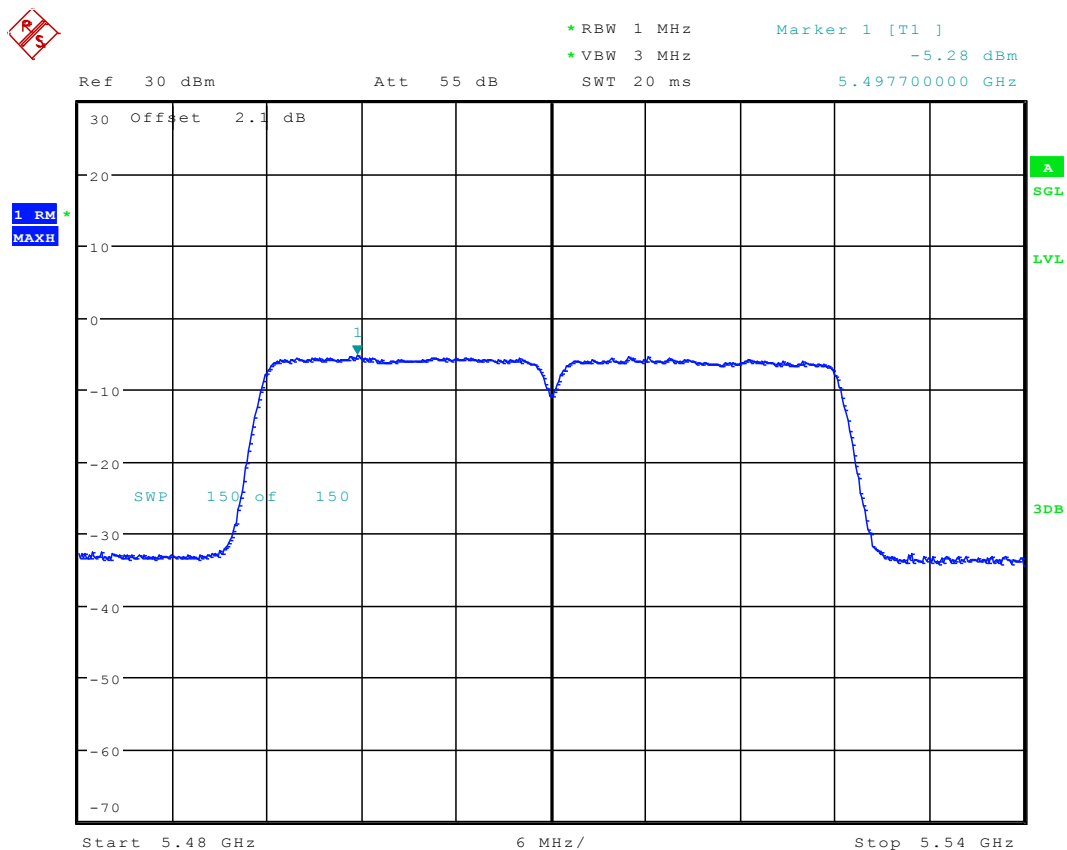
Date: 7.DEC.2017 08:40:24

11.80 11N40MIMO_62 ANT 2



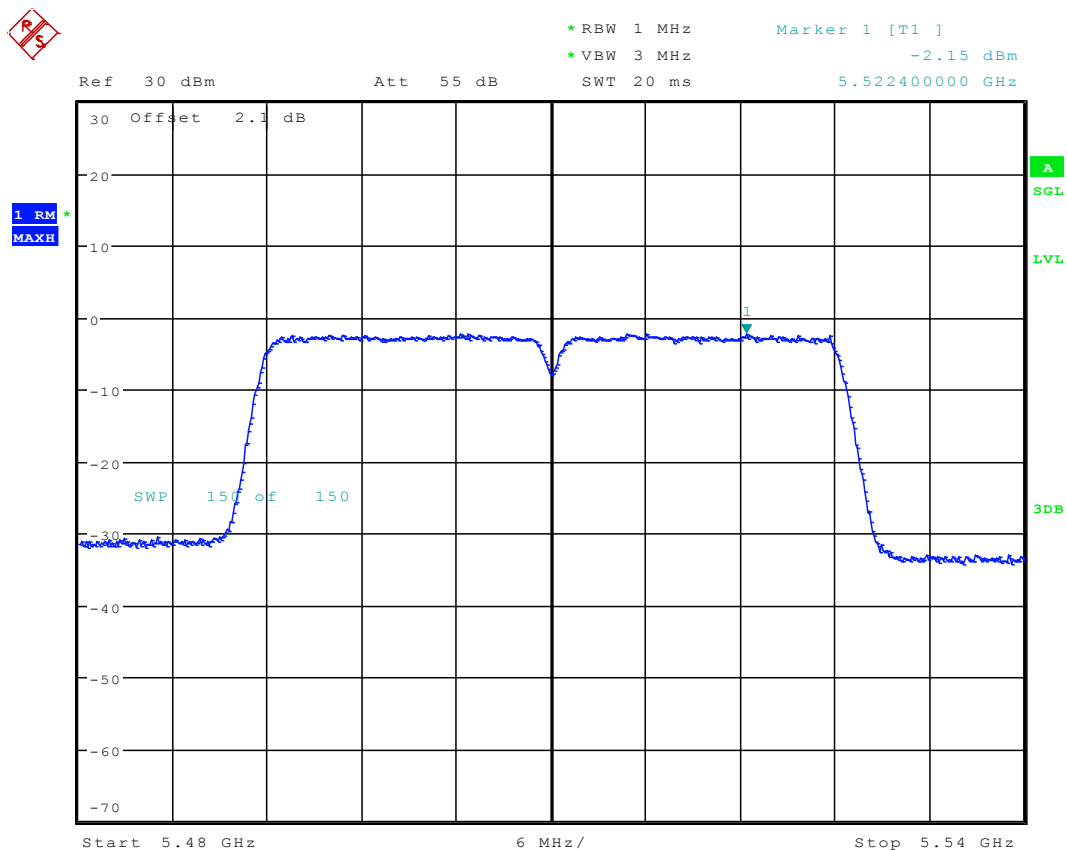
Date: 7.DEC.2017 10:19:36

11.81 11N40MIMO_102 ANT 1



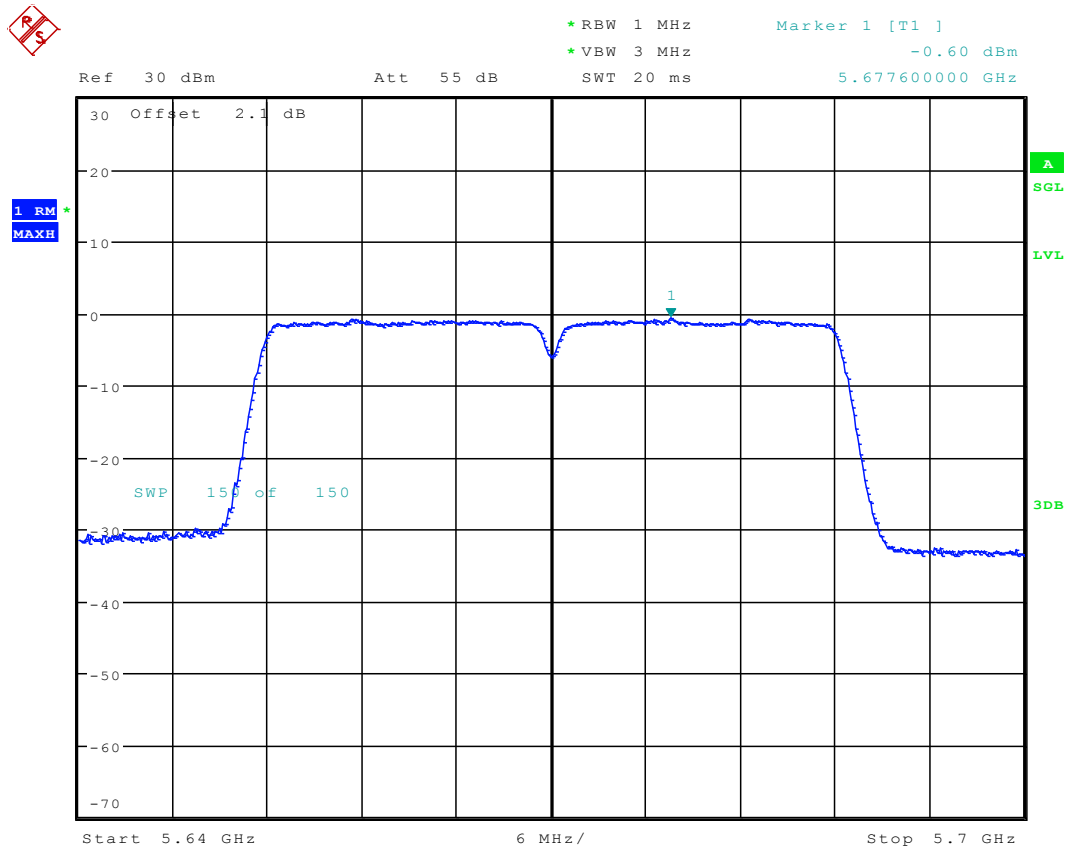
Date: 7.DEC.2017 08:43:19

11.82 11N40MIMO_102 ANT 2



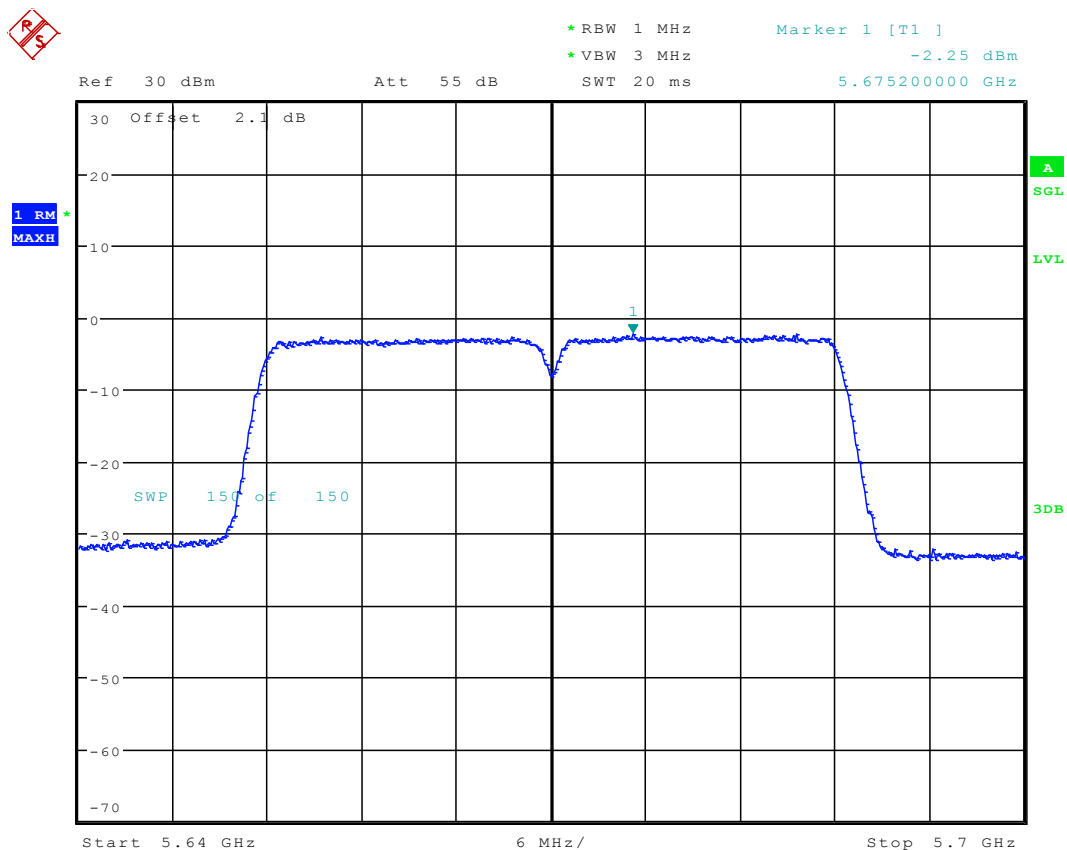
Date: 7.DEC.2017 10:22:25

11.83 11N40MIMO_134 ANT 1



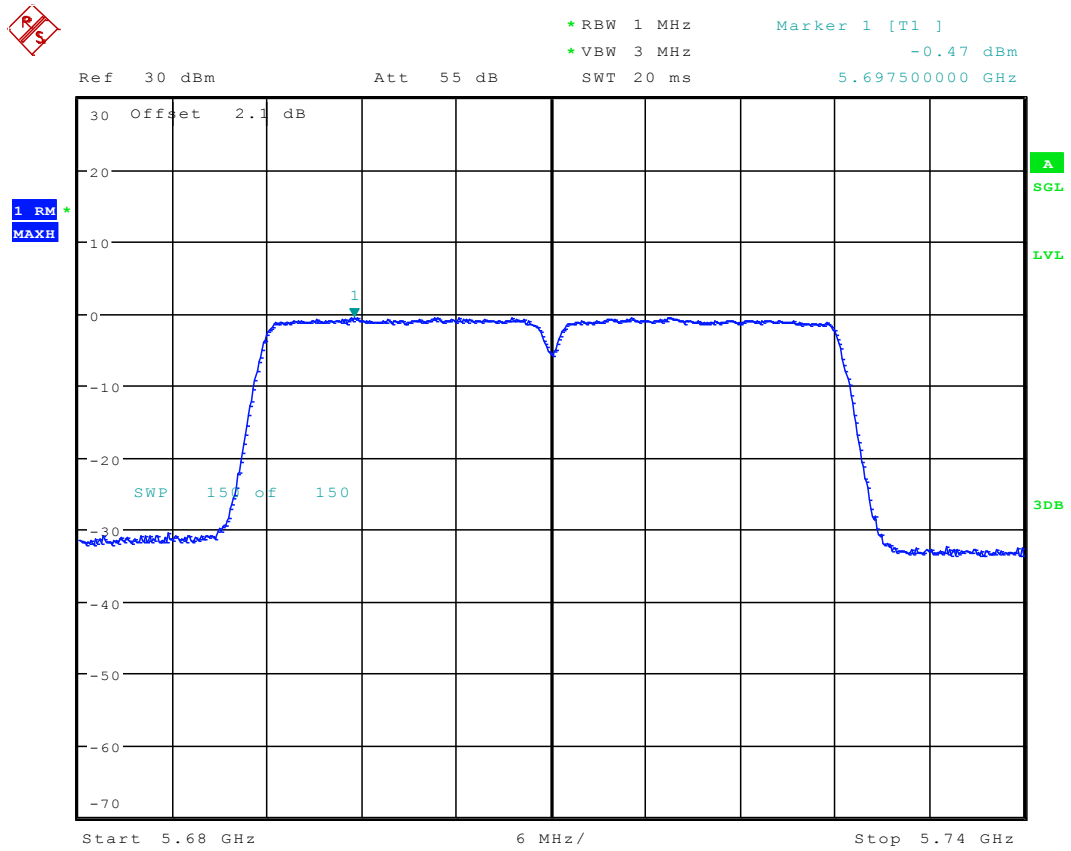
Date: 7.DEC.2017 08:46:19

11.84 11N40MIMO_134 ANT 2



Date: 7.DEC.2017 10:25:01

11.85 11N40MIMO_142 ANT 1



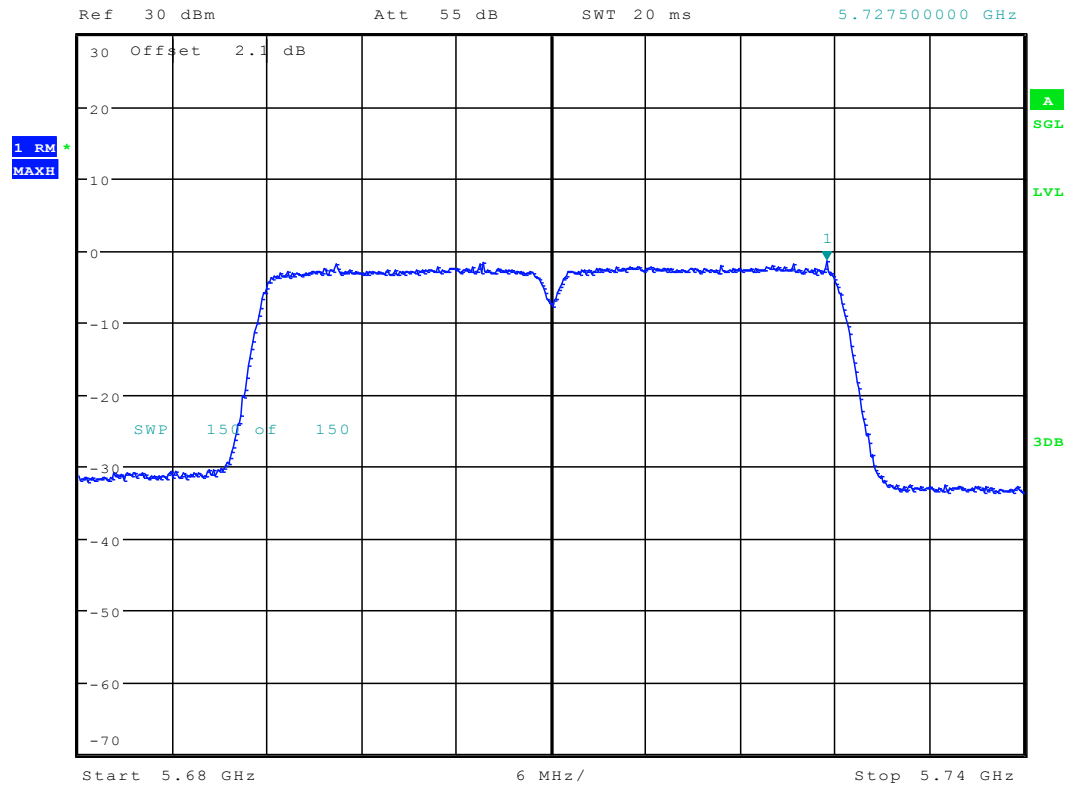
Date: 7.DEC.2017 08:49:12

11.86 11N40MIMO_142 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-1.33 dBm
5.727500000 GHz

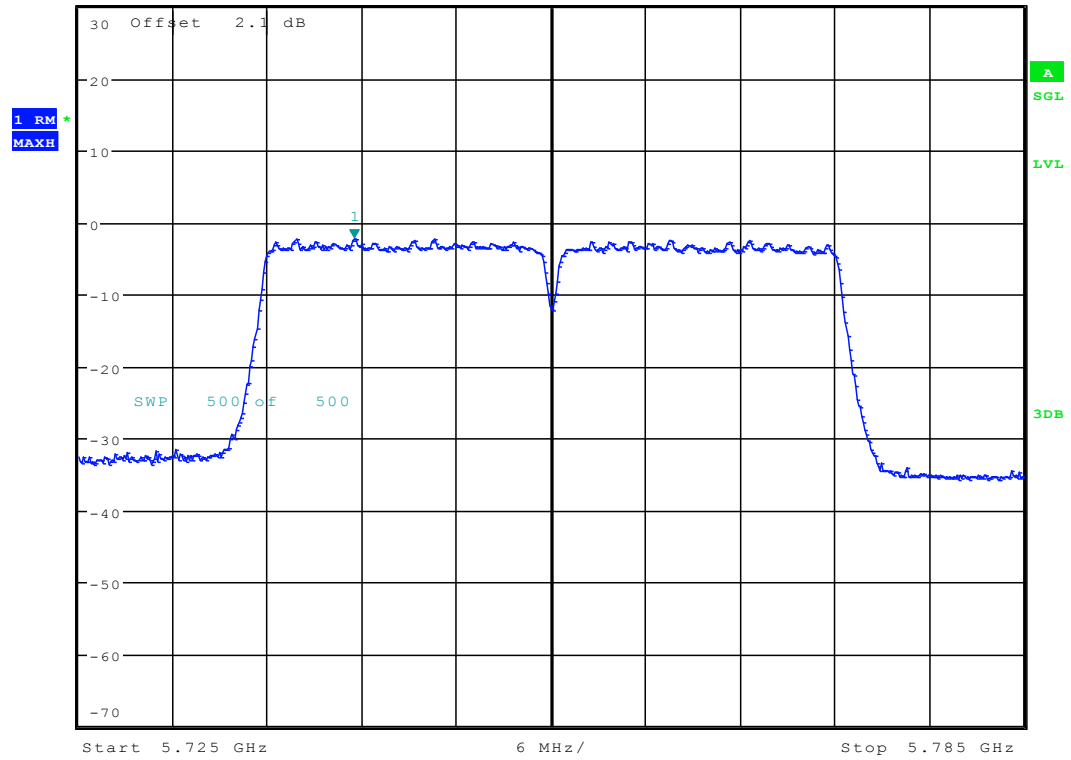


Date: 7.DEC.2017 10:28:11

11.87 11N40MIMO_151 ANT 1



*RBW 500 kHz Marker 1 [T1]
 *VBW 2 MHz -2.24 dBm
 Ref 30 dBm Att 55 dB SWT 20 ms 5.742500000 GHz

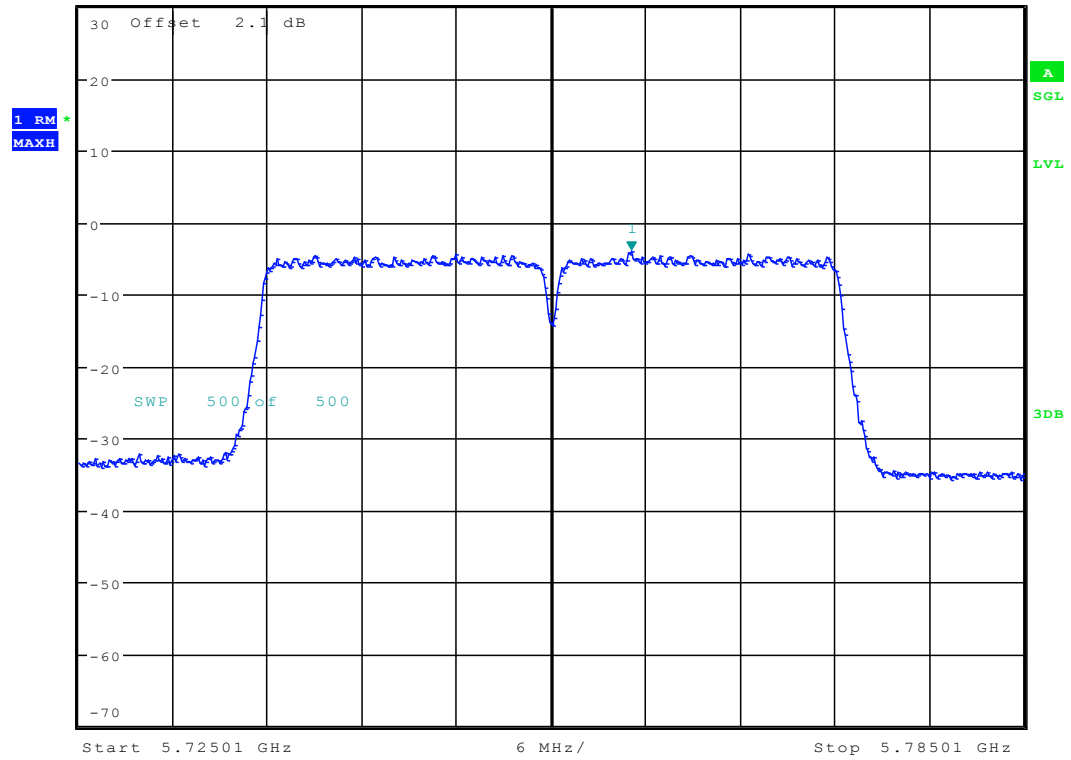


Date: 7.DEC.2017 08:52:31

11.88 11N40MIMO_151 ANT 2

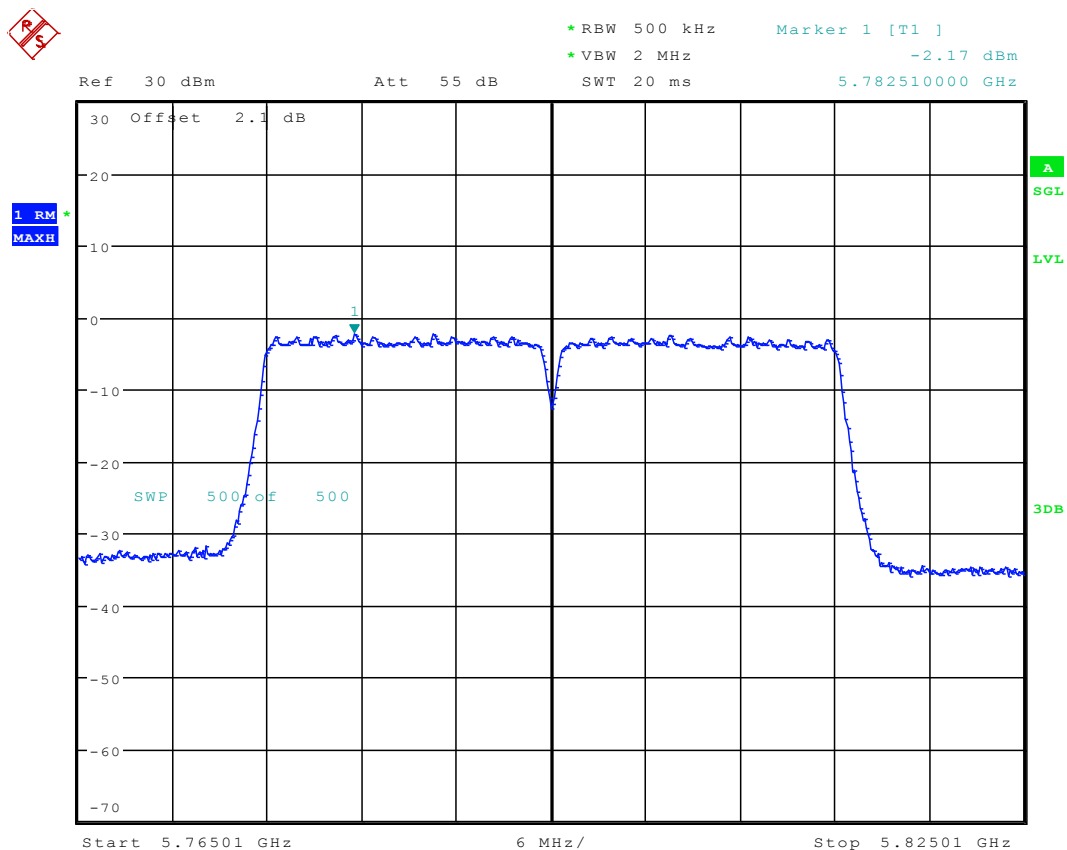


*RBW 500 kHz Marker 1 [T1]
 *VBW 2 MHz -3.95 dBm
 Ref 30 dBm Att 55 dB SWT 20 ms 5.760110000 GHz



Date: 7.DEC.2017 10:31:49

11.89 11N40MIMO_159 ANT 1

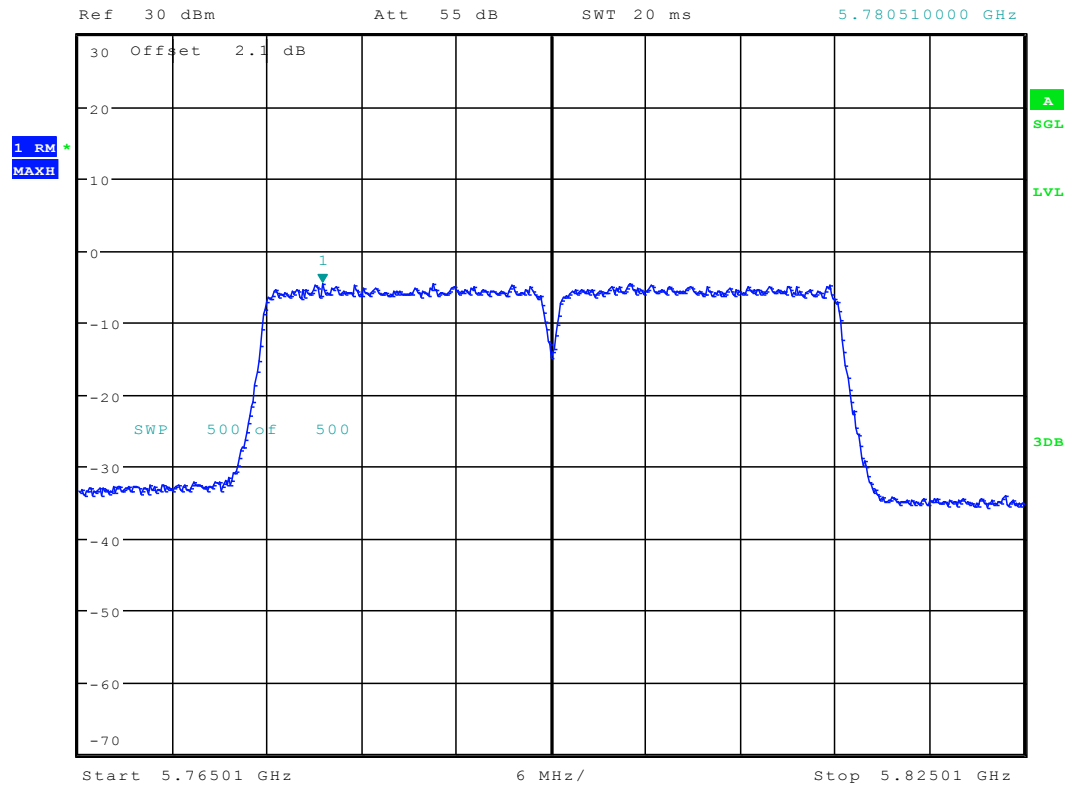


Date: 7.DEC.2017 08:55:29

11.90 11N40MIMO_159 ANT 2

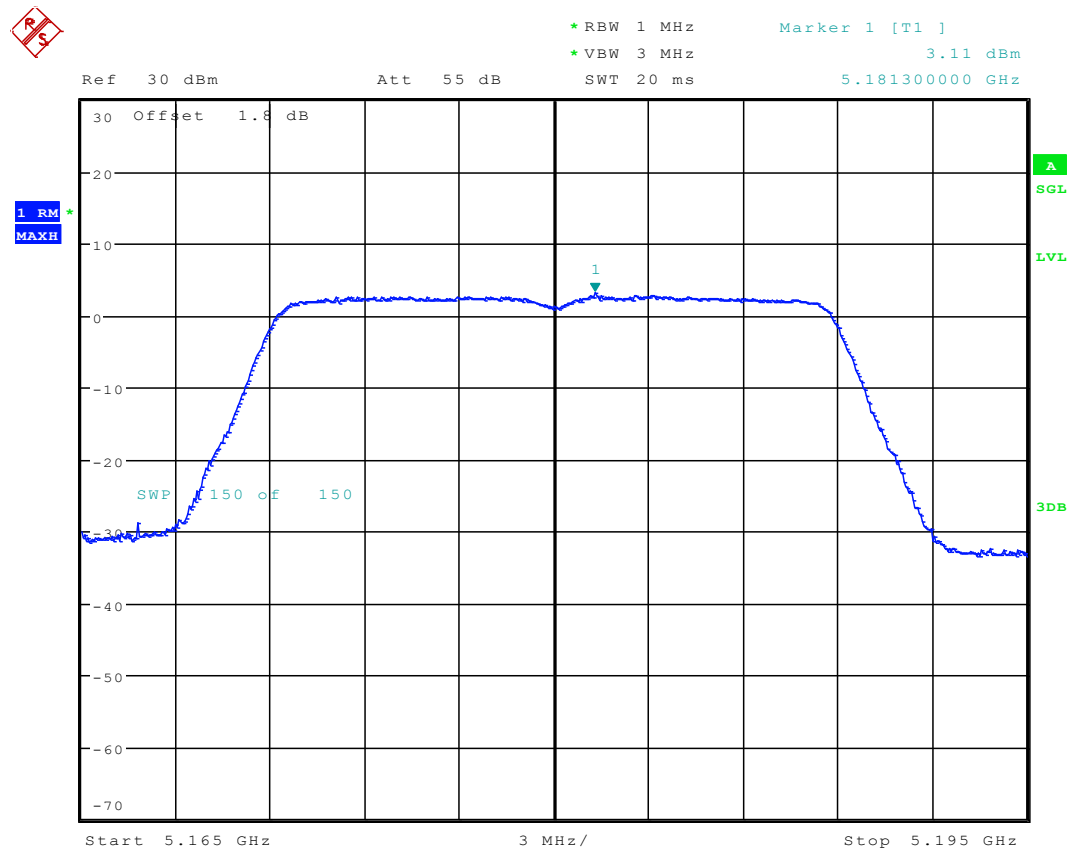


*RBW 500 kHz Marker 1 [T1]
 *VBW 2 MHz -4.59 dBm
 SWT 20 ms 5.780510000 GHz



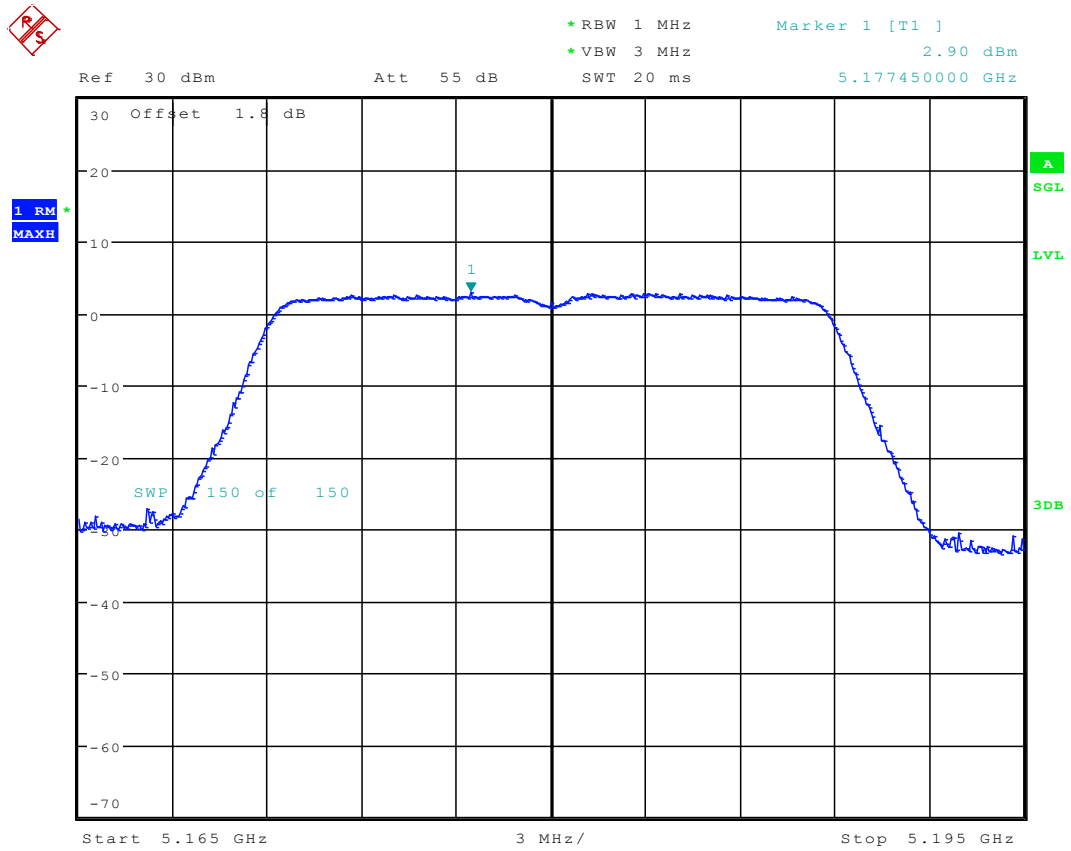
Date: 7.DEC.2017 10:35:55

11.91 11AC20_36 ANT 1



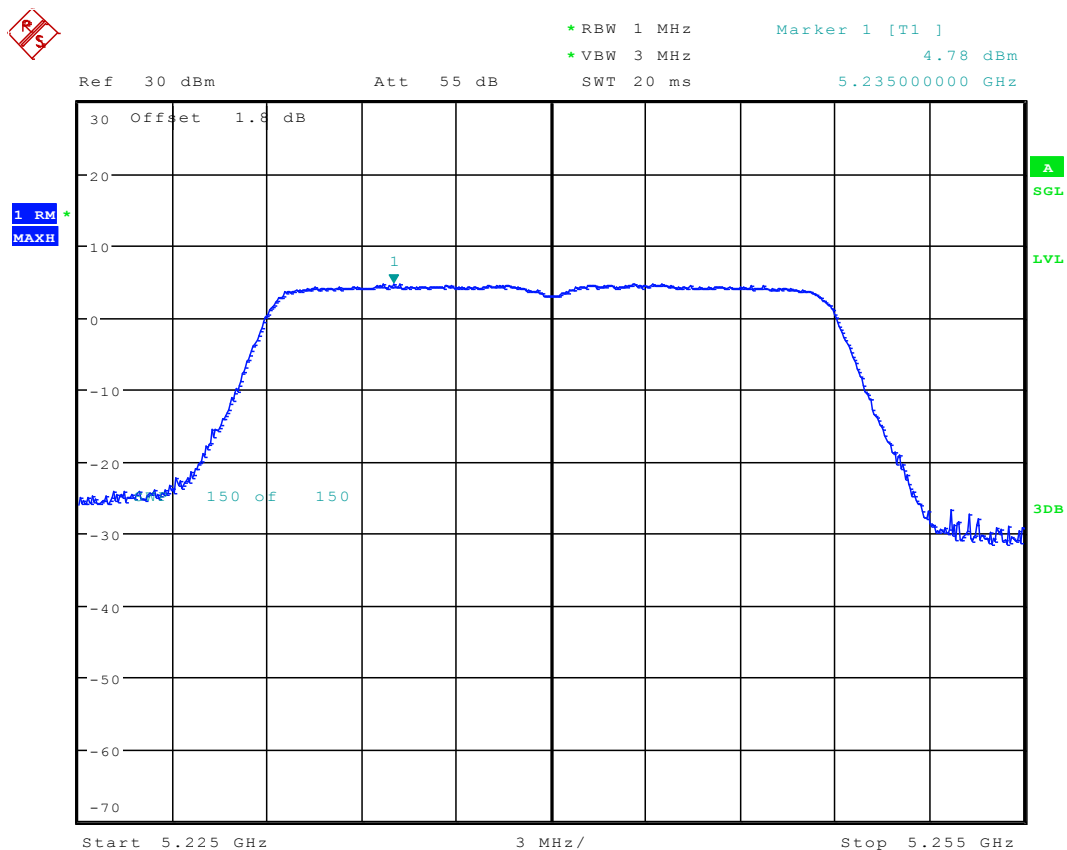
Date: 2.DEC.2017 09:21:50

11.92 11AC20_36 ANT 2



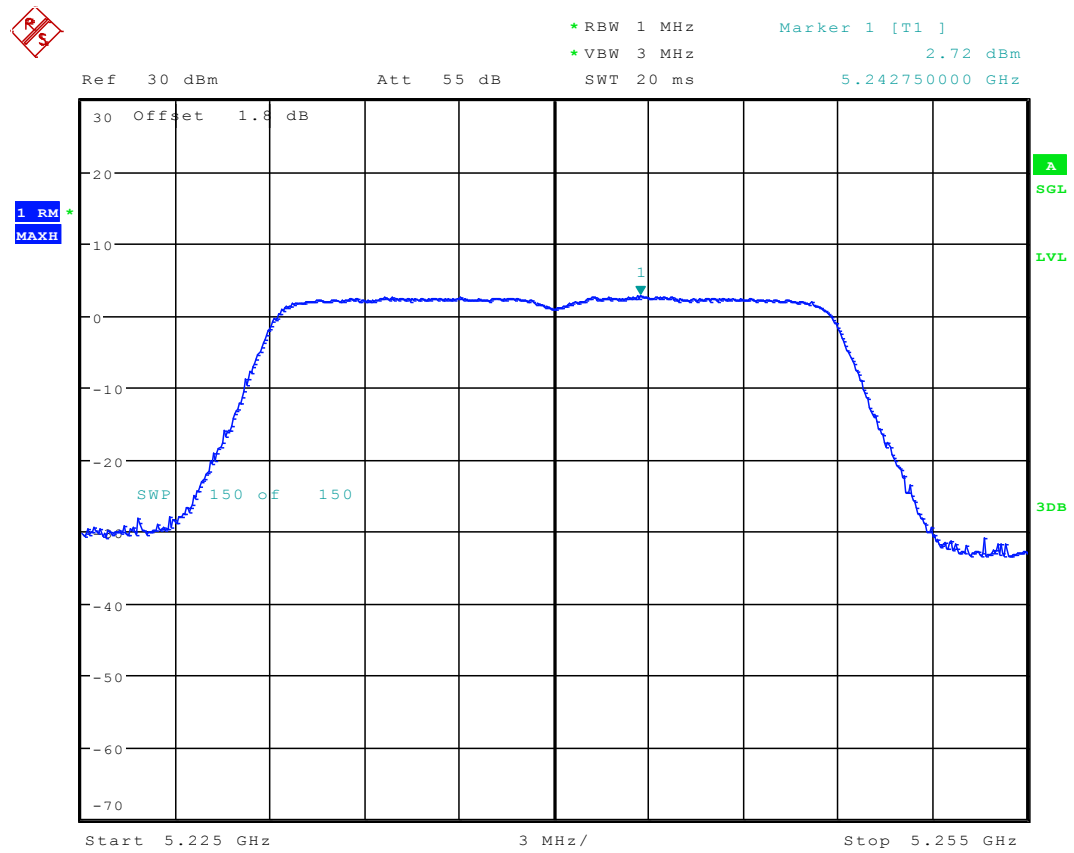
Date: 2.DEC.2017 11:07:30

11.93 11AC20_48 ANT 1



Date: 2.DEC.2017 09:28:05

11.94 11AC20_48 ANT 2

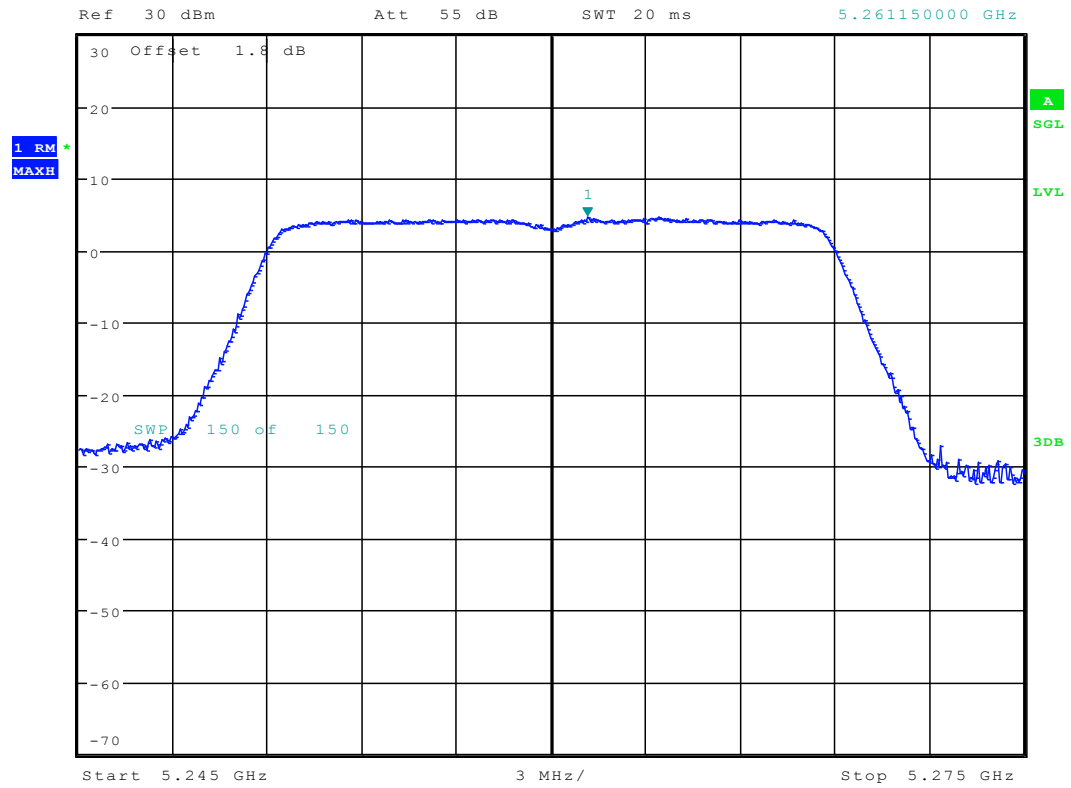


Date: 2.DEC.2017 11:10:40

11.95 11AC20_52 ANT 1

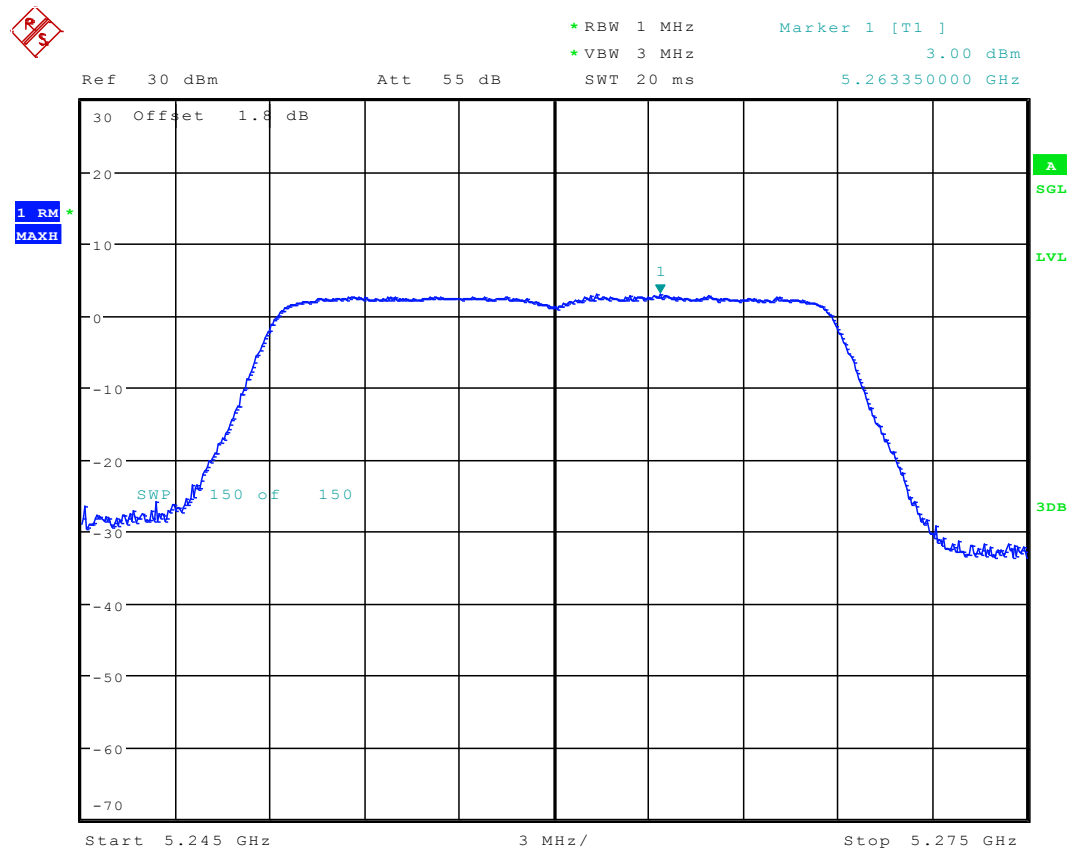


*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms
Marker 1 [T1]
4.62 dBm
5.261150000 GHz



Date: 2.DEC.2017 09:30:39

11.96 11AC20_52 ANT 2



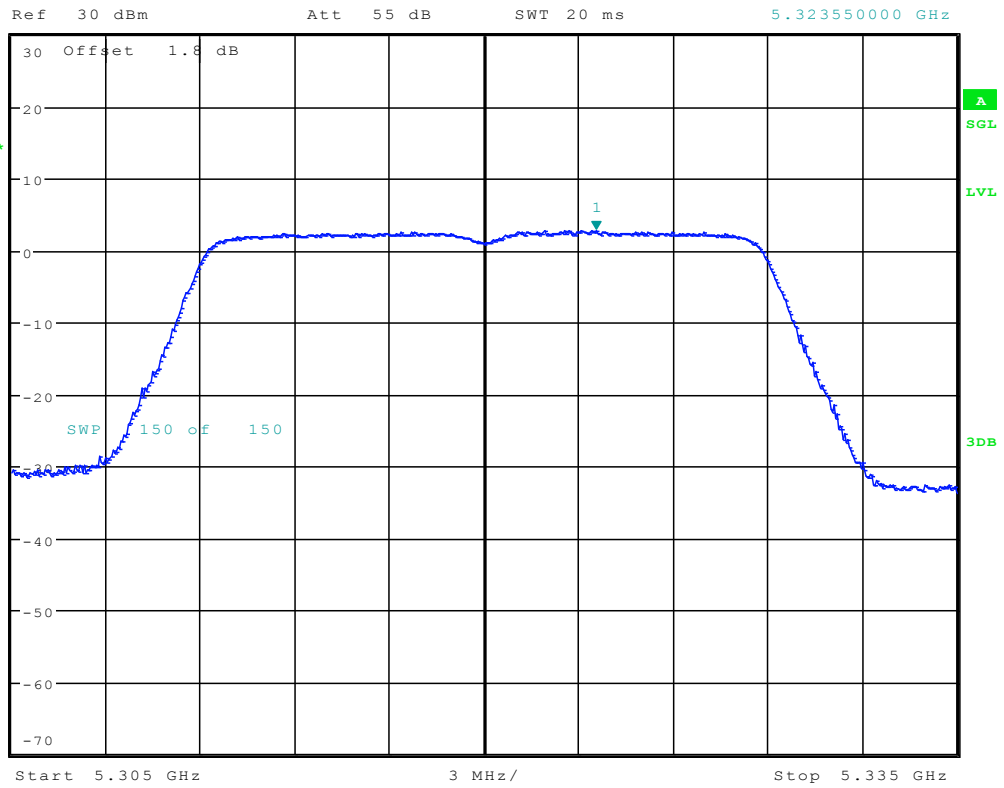
Date: 2.DEC.2017 11:13:03

11.97 11AC20_64 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
2.77 dBm
5.323550000 GHz



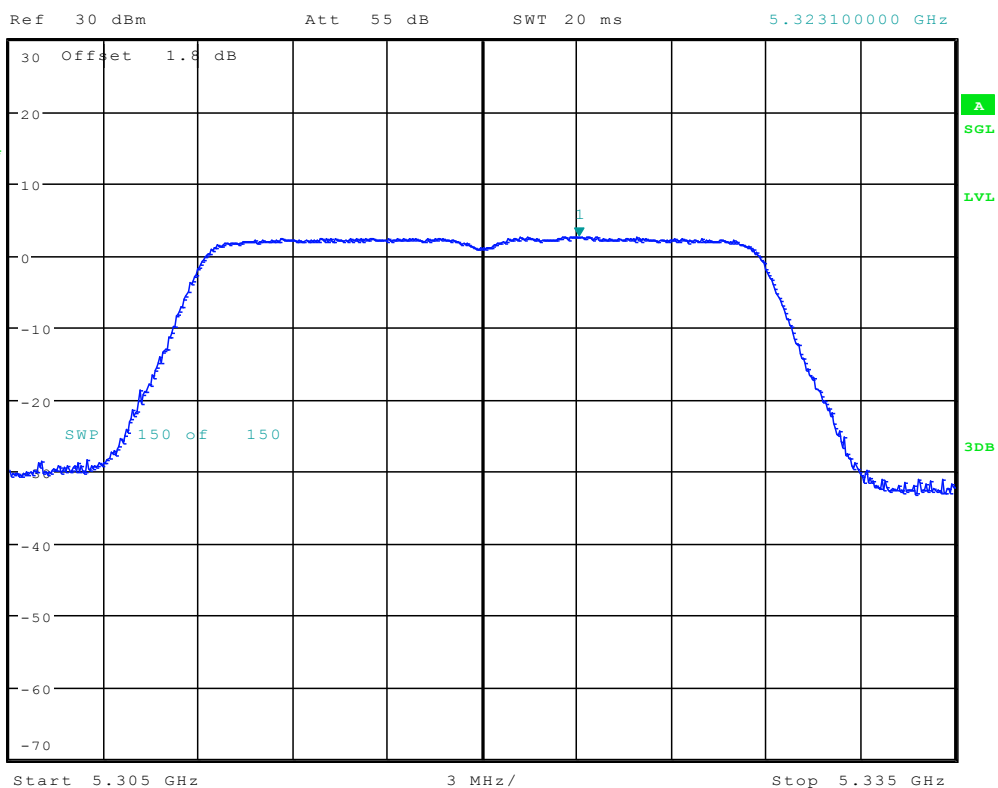
Date: 2.DEC.2017 09:32:48

11.98 11AC20_64 ANT 2



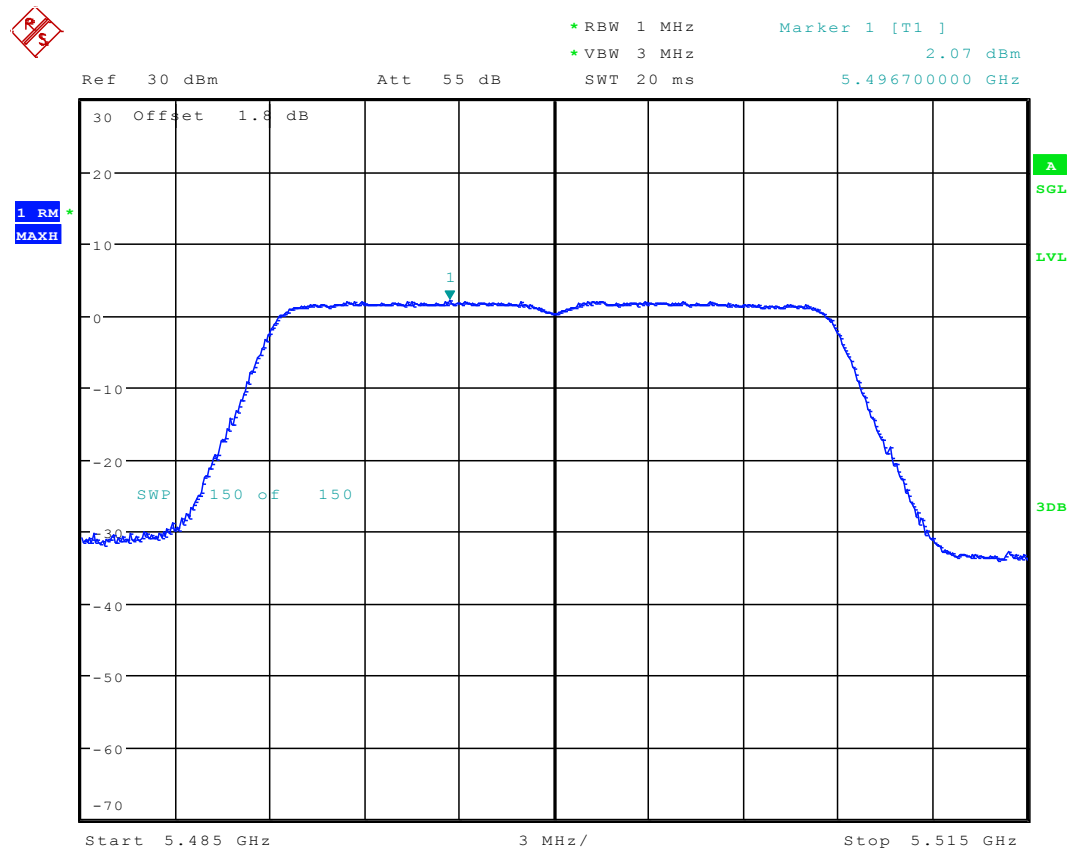
*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
2.66 dBm
5.323100000 GHz



Date: 2.DEC.2017 11:17:33

11.99 11AC20_100 ANT 1

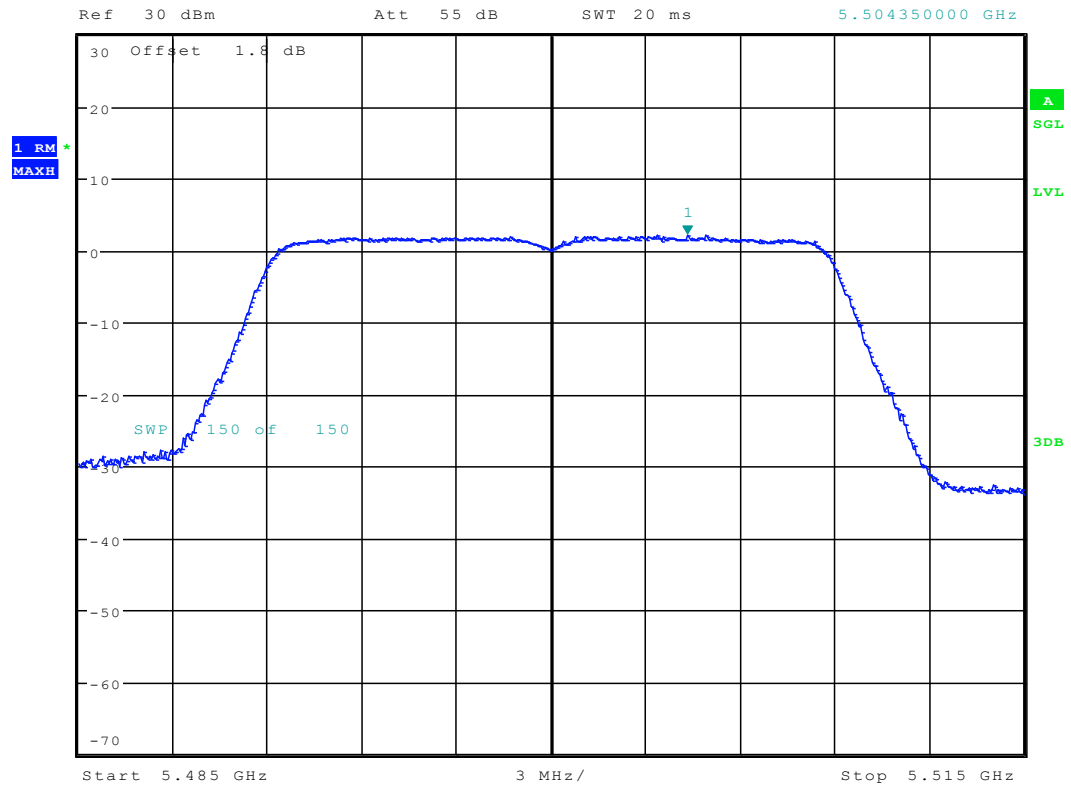


Date: 2.DEC.2017 09:35:08

11.100 11AC20_100 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms
Marker 1 [T1]
2.15 dBm
5.504350000 GHz



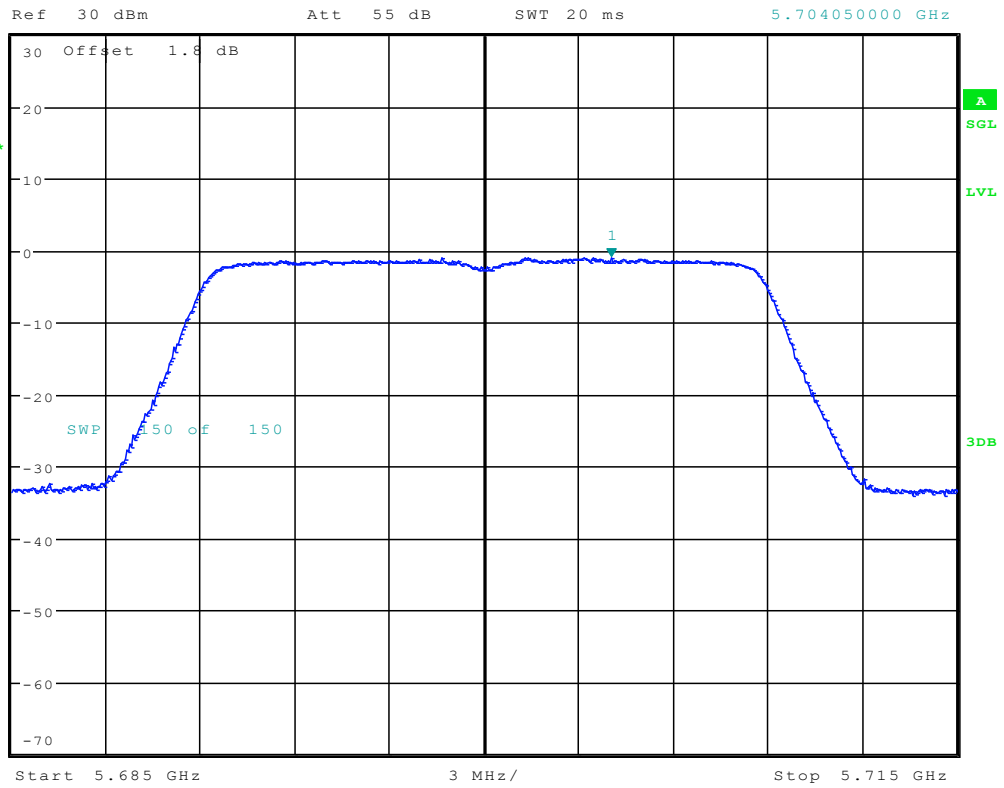
Date: 2.DEC.2017 11:19:50

11.101 11AC20_140 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-0.96 dBm
5.704050000 GHz



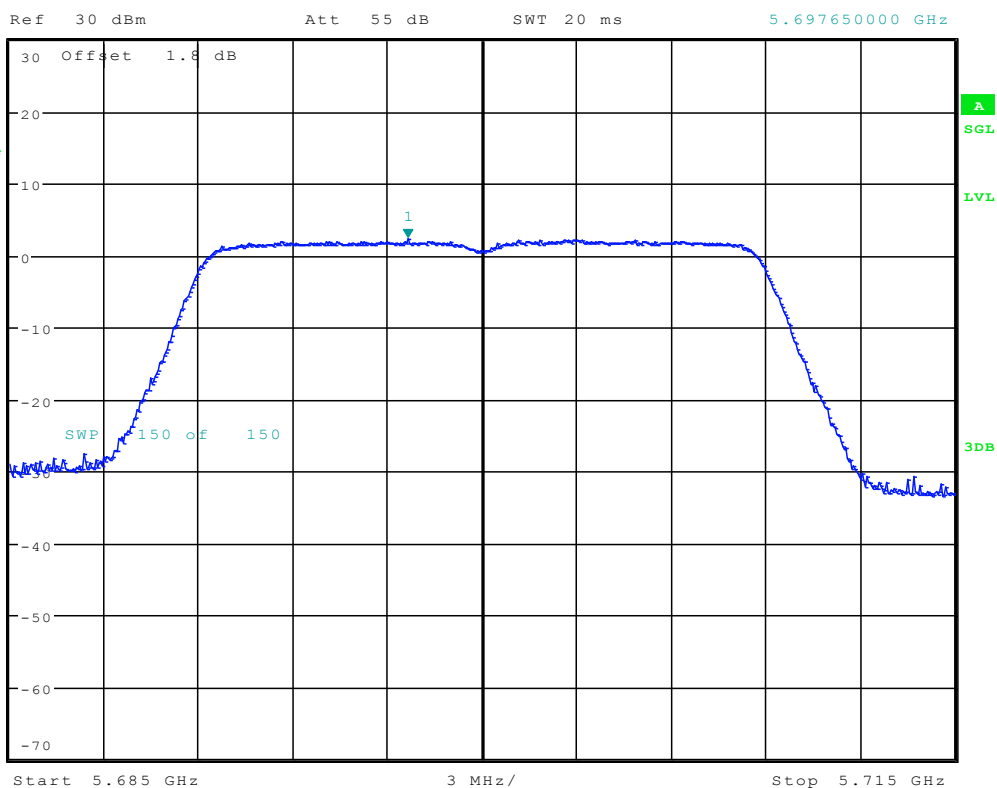
Date: 2.DEC.2017 09:37:14

11.102 11AC20_140 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
2.29 dBm
5.697650000 GHz



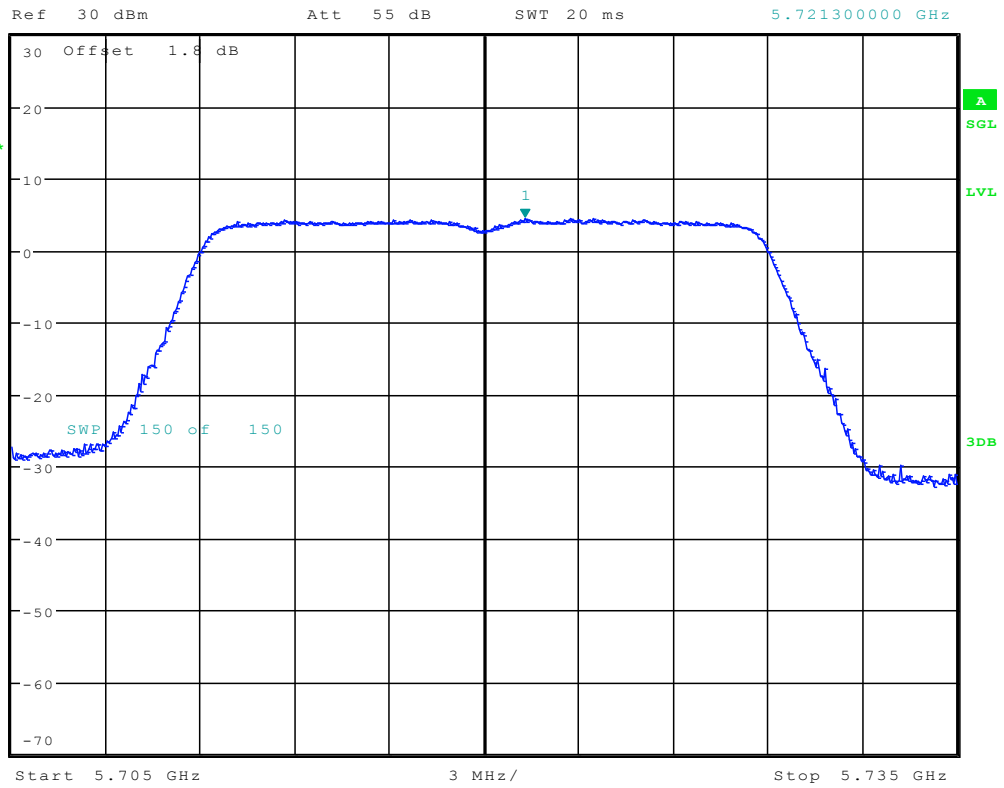
Date: 2.DEC.2017 11:23:33

11.103 11AC20_144 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
4.47 dBm
5.721300000 GHz



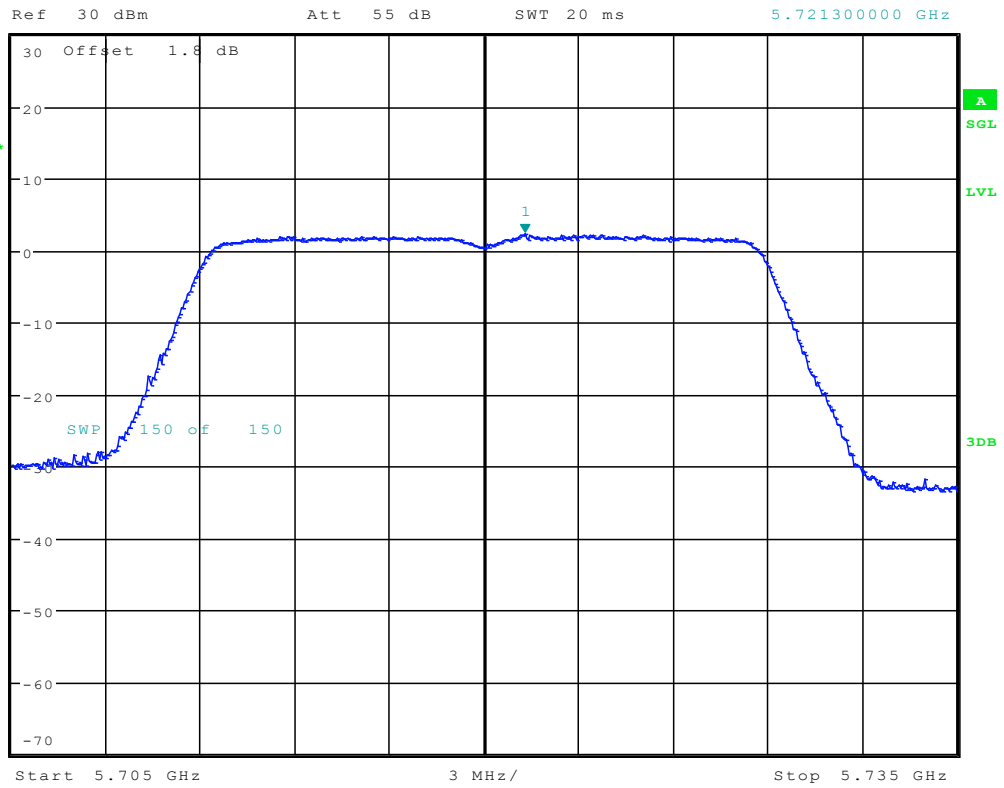
Date: 2.DEC.2017 09:39:28

11.104 11AC20_144 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
2.30 dBm
5.721300000 GHz

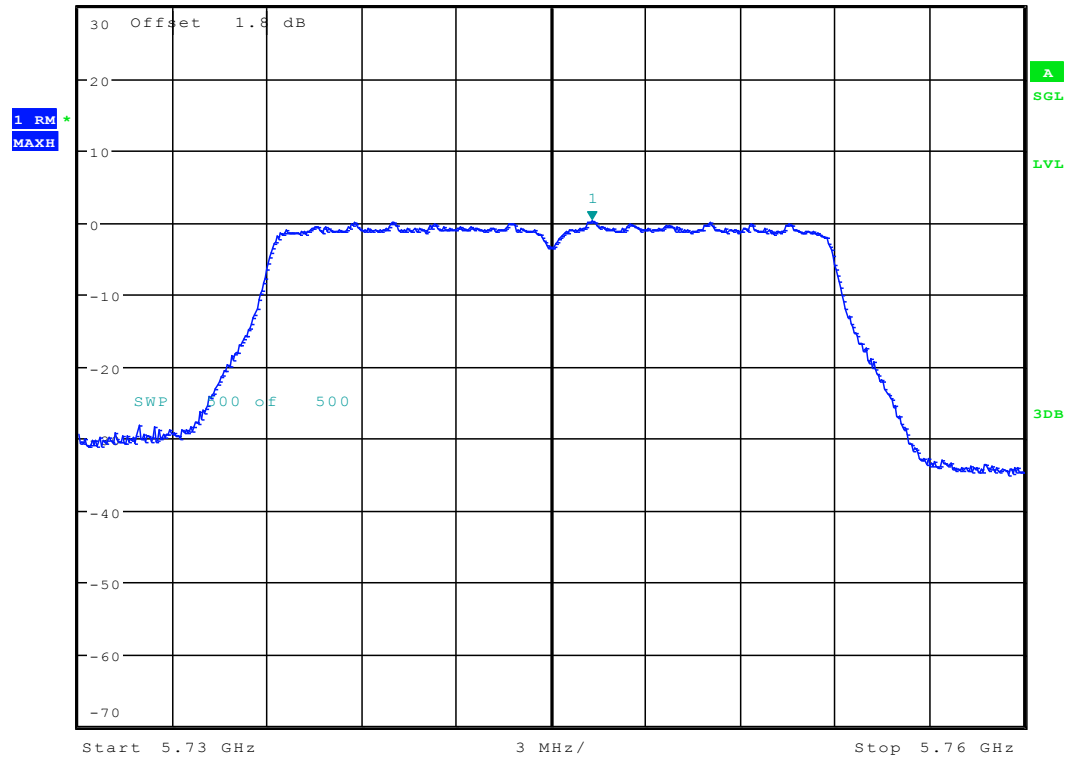


Date: 2.DEC.2017 11:25:39

11.106 11AC20_149 ANT 2

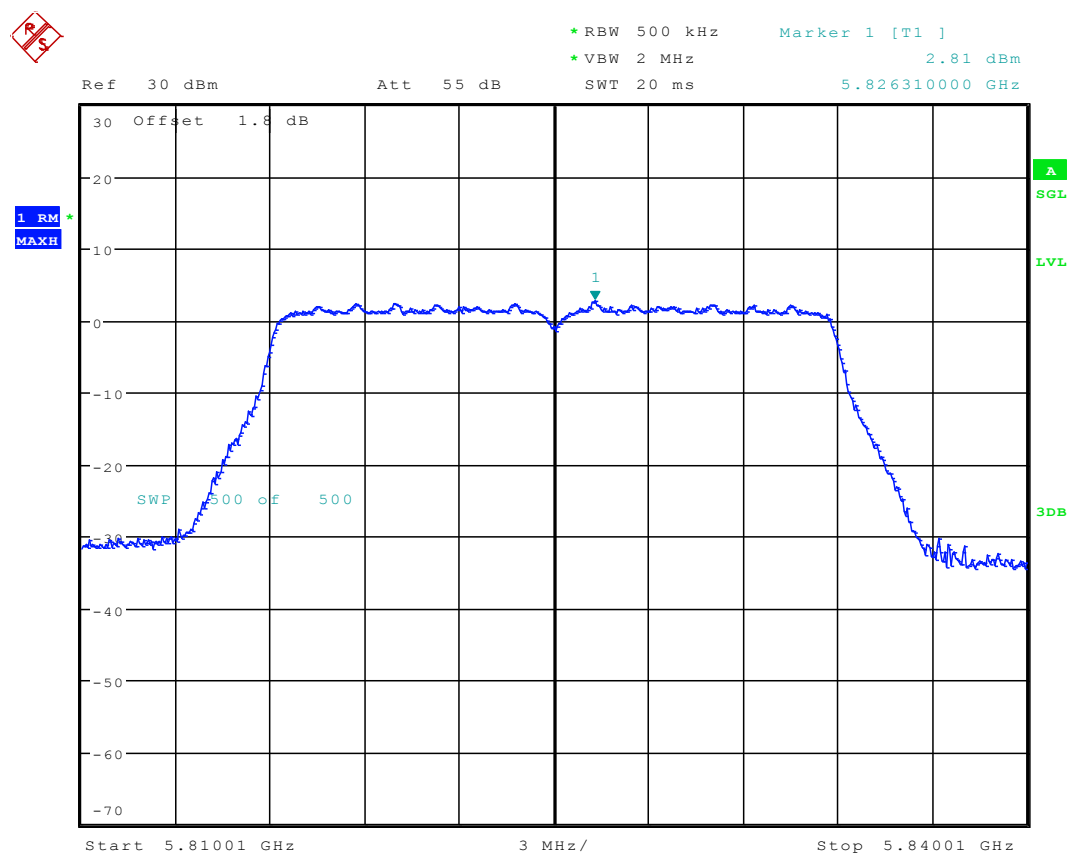


*RBW 500 kHz Marker 1 [T1]
 *VBW 2 MHz 0.32 dBm
 Ref 30 dBm Att 55 dB SWT 20 ms 5.746300000 GHz



Date: 2.DEC.2017 11:28:53

11.107 11AC20_165 ANT 1

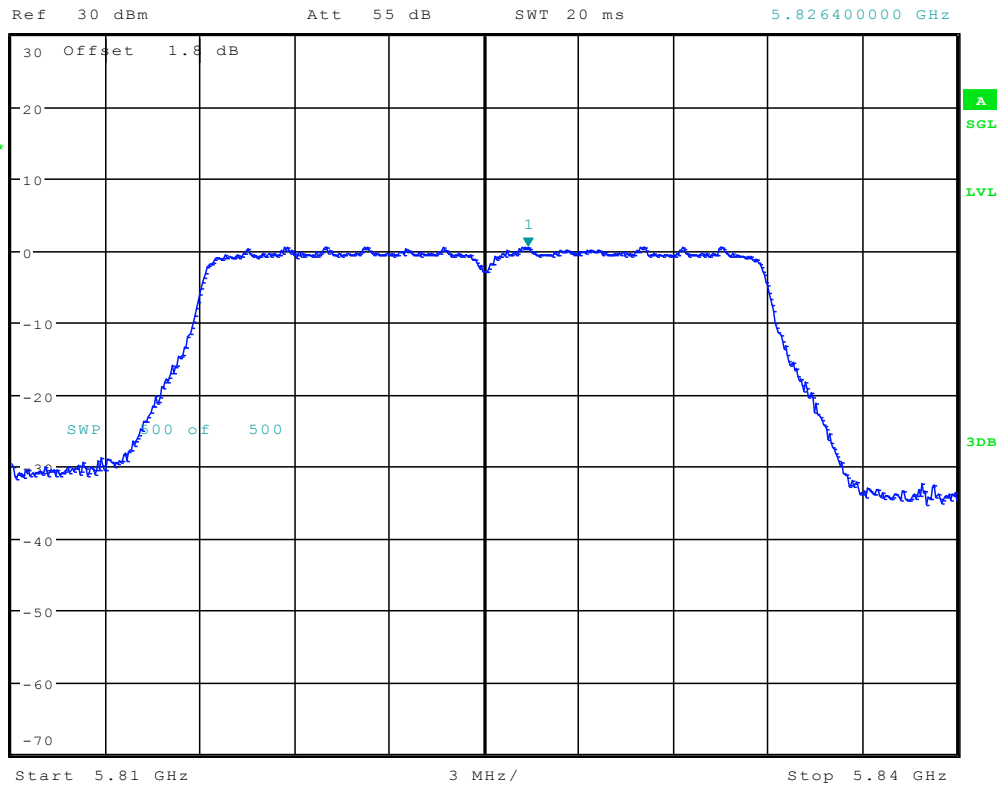


Date: 2.DEC.2017 09:48:29

11.108 11AC20_165 ANT 2



*RBW 500 kHz Marker 1 [T1]
*VBW 2 MHz 0.53 dBm
SWT 20 ms 5.826400000 GHz



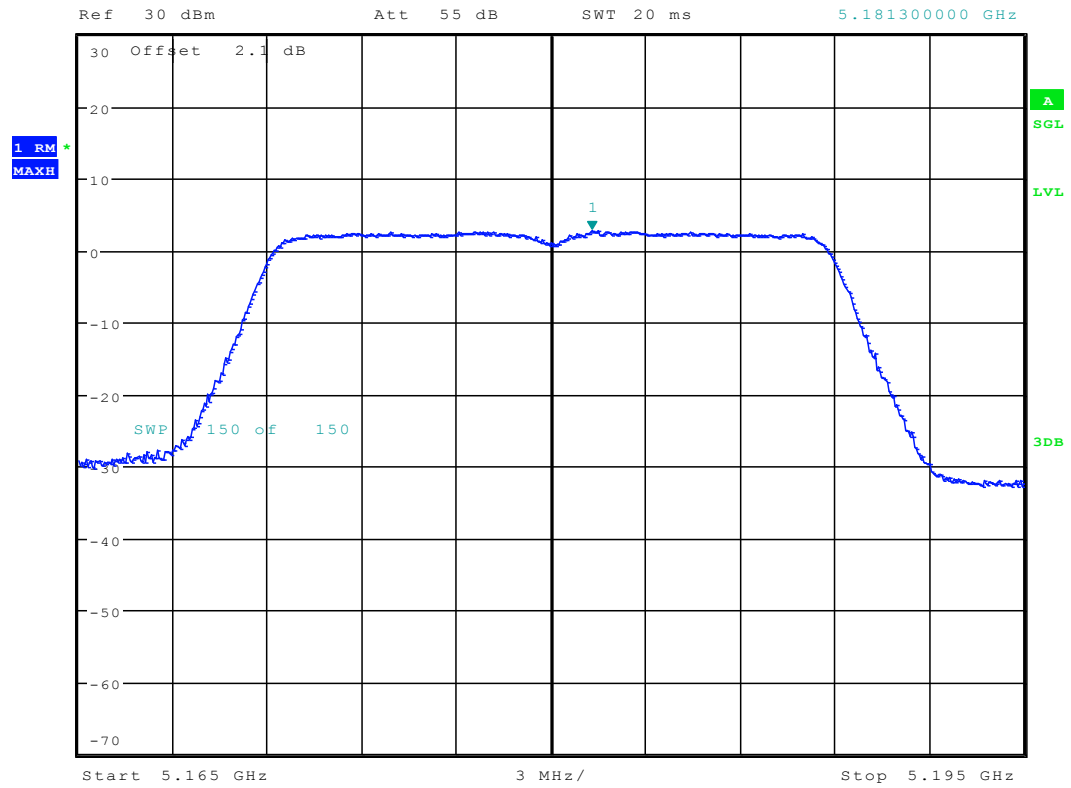
Date: 2.DEC.2017 11:34:46

11.109 11AC20MIMO_36 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
2.72 dBm
5.181300000 GHz



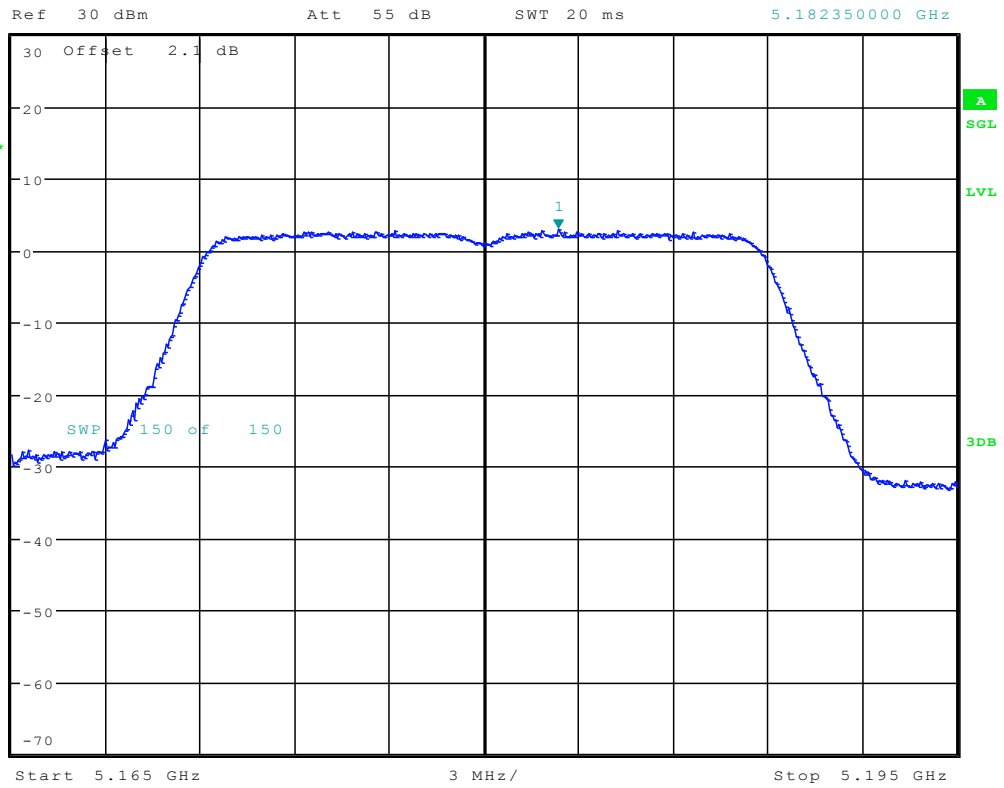
Date: 2.DEC.2017 14:51:15

11.110 11AC20MIMO_36 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
3.05 dBm
5.182350000 GHz



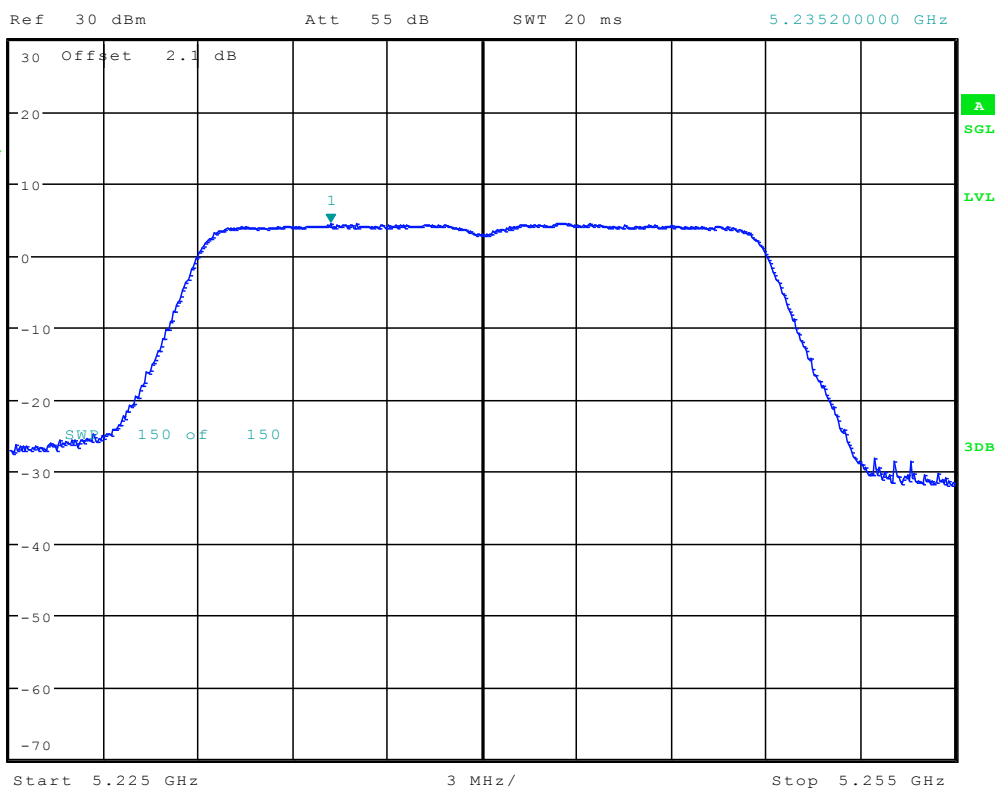
Date: 2.DEC.2017 17:31:43

11.111 11AC20MIMO_48 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
4.58 dBm
5.235200000 GHz



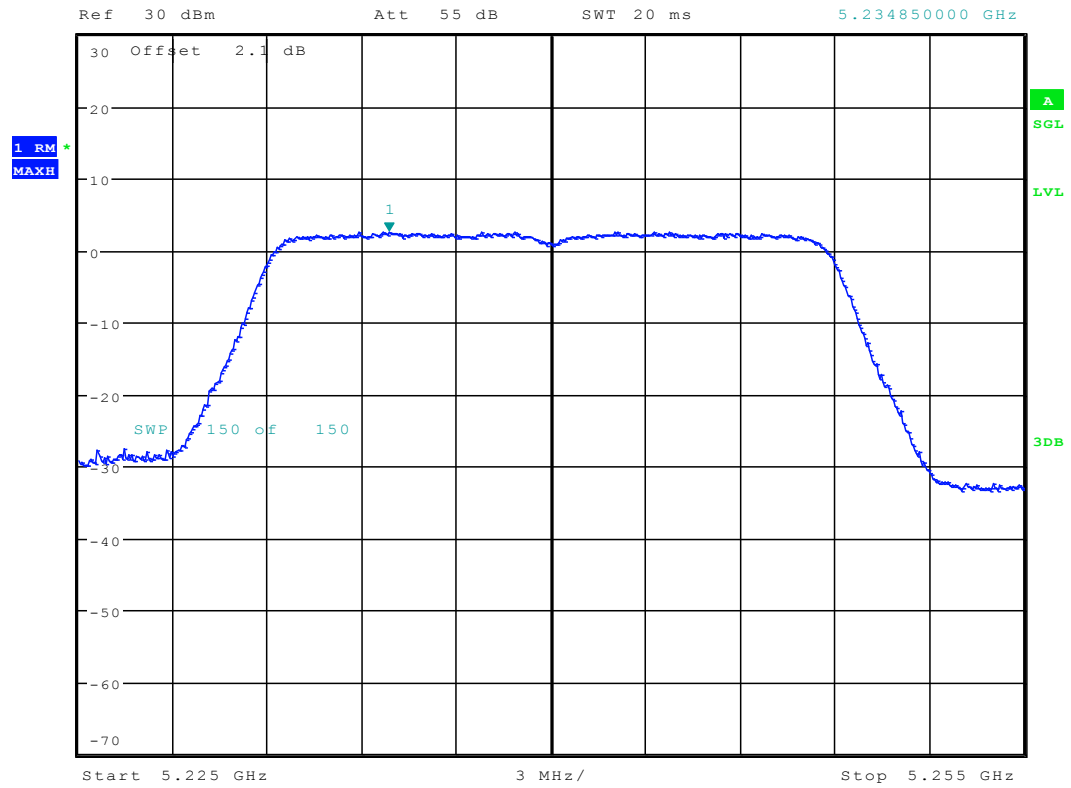
Date: 2.DEC.2017 14:56:02

11.112 11AC20MIMO_48 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
2.58 dBm
5.234850000 GHz

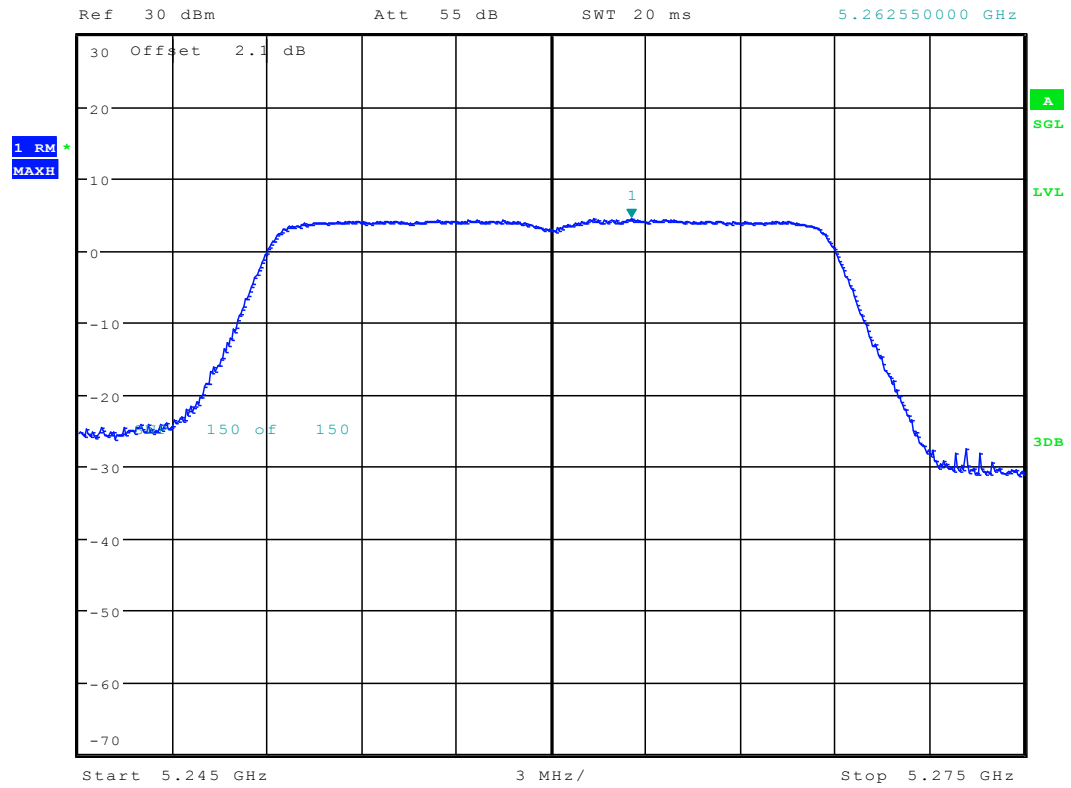


Date: 2.DEC.2017 17:34:02

11.113 11AC20MIMO_52 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms
Marker 1 [T1]
4.44 dBm
5.262550000 GHz



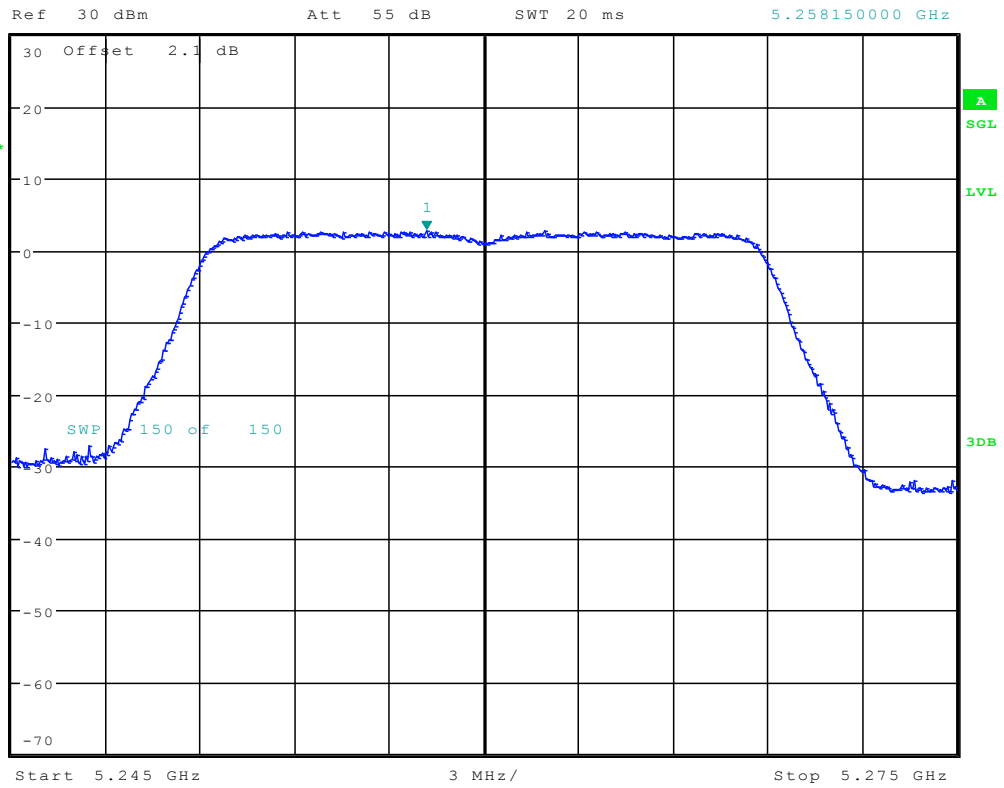
Date: 2.DEC.2017 14:58:21

11.114 11AC20MIMO_52 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
2.83 dBm
5.258150000 GHz



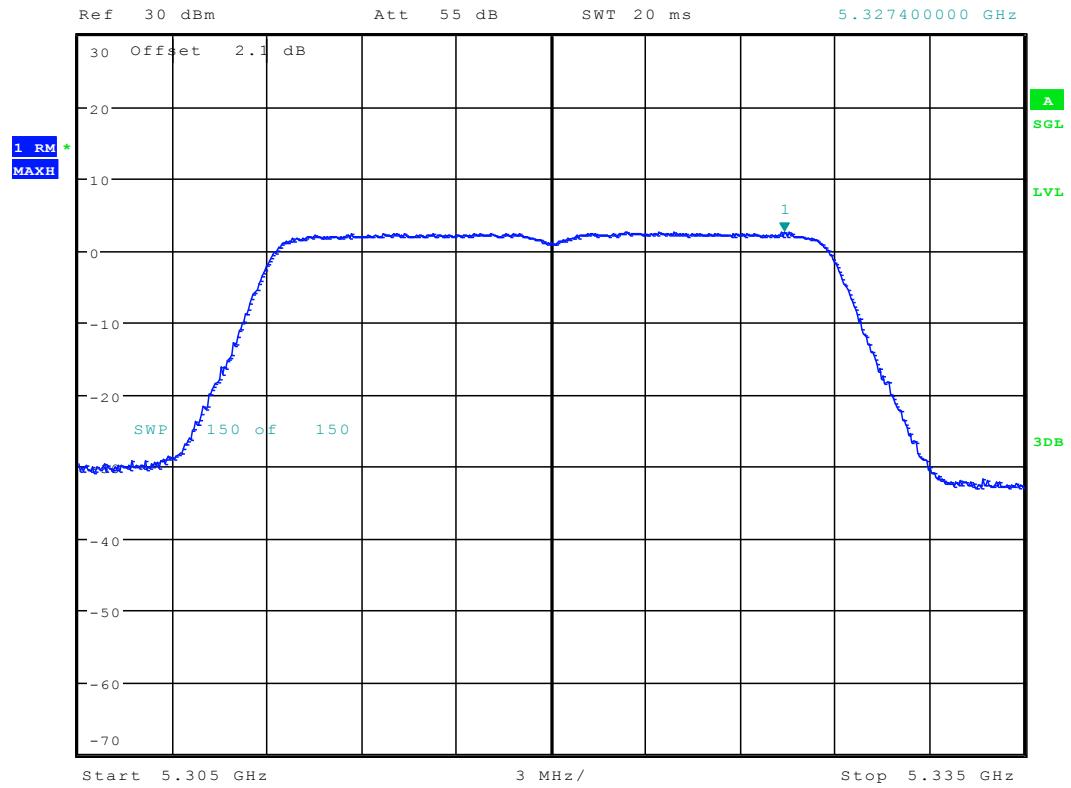
Date: 2.DEC.2017 17:36:30

11.115 11AC20MIMO_64 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
2.62 dBm
5.327400000 GHz



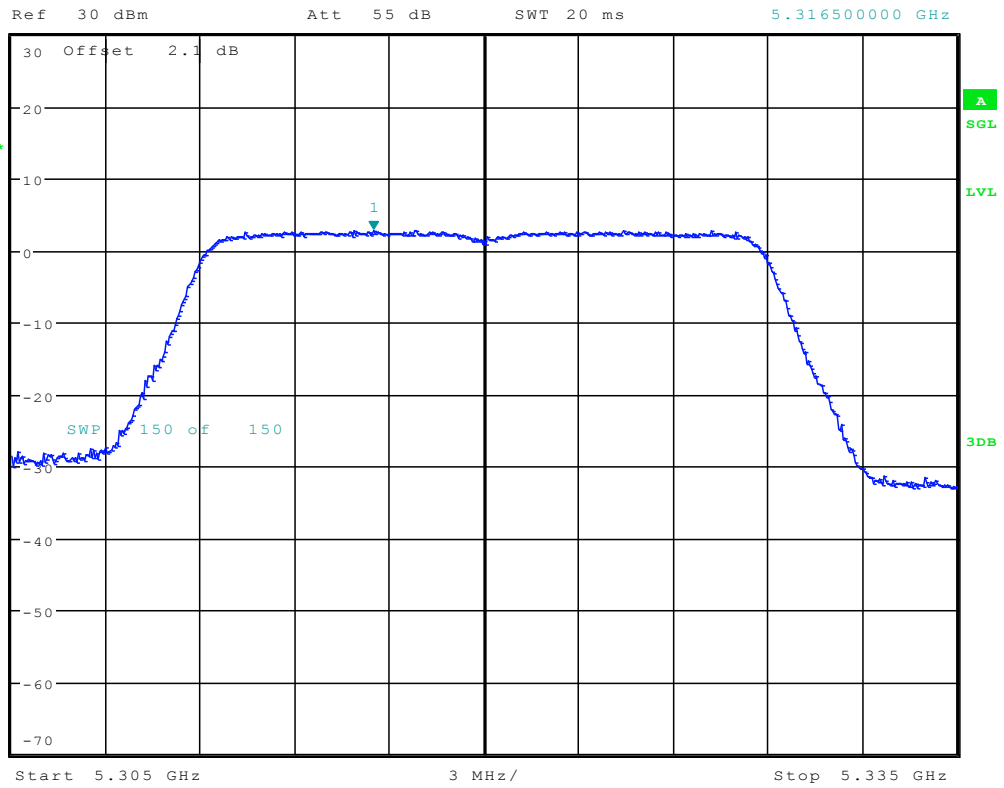
Date: 2.DEC.2017 15:00:38

11.116 11AC20MIMO_64 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
2.80 dBm
5.316500000 GHz

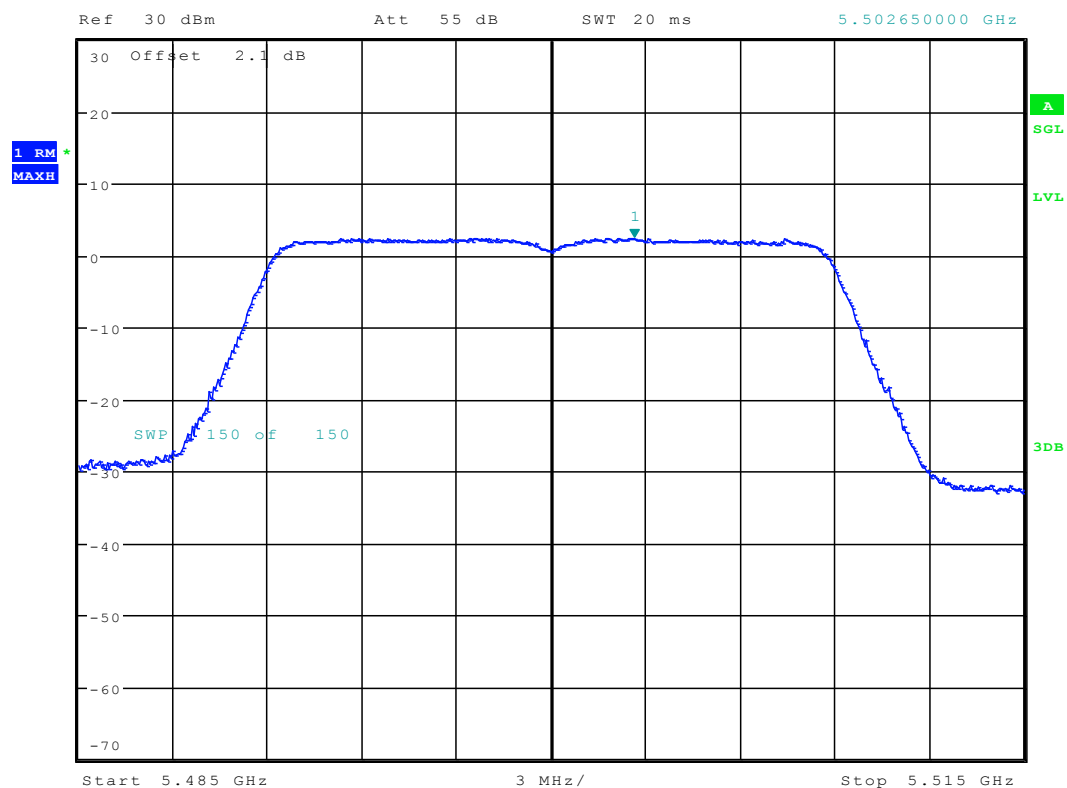


Date: 2.DEC.2017 17:38:38

11.117 11AC20MIMO_100 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms
Marker 1 [T1]
2.46 dBm
5.502650000 GHz



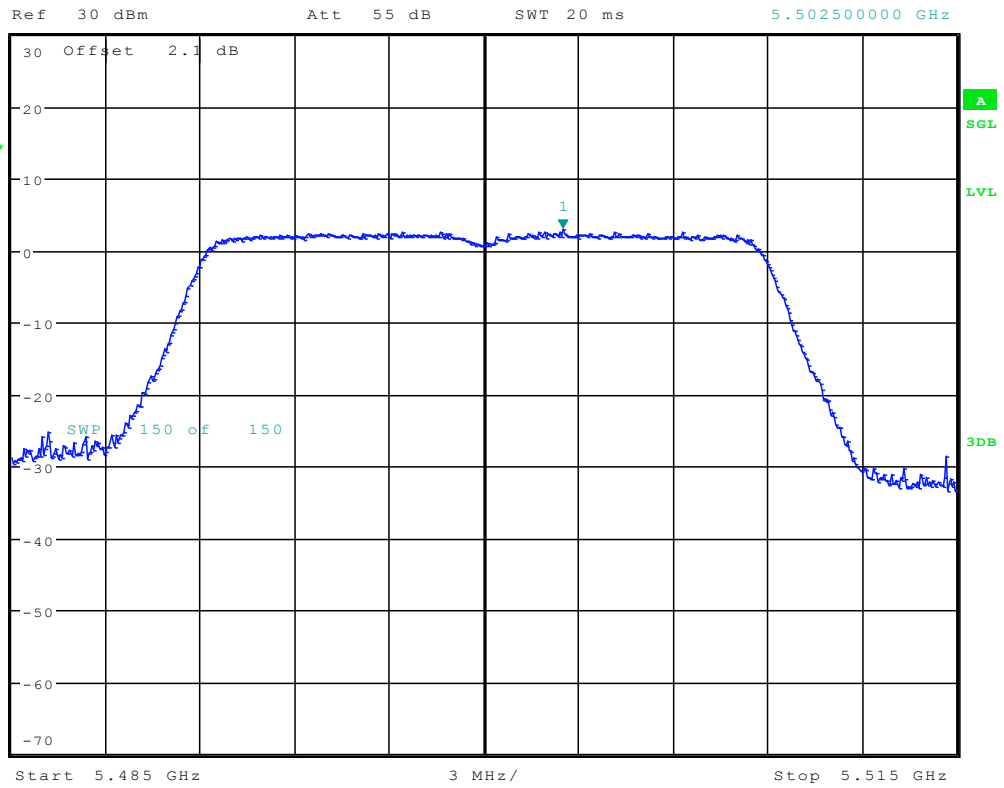
Date: 2.DEC.2017 15:02:53

11.118 11AC20MIMO_100 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
2.90 dBm
5.502500000 GHz



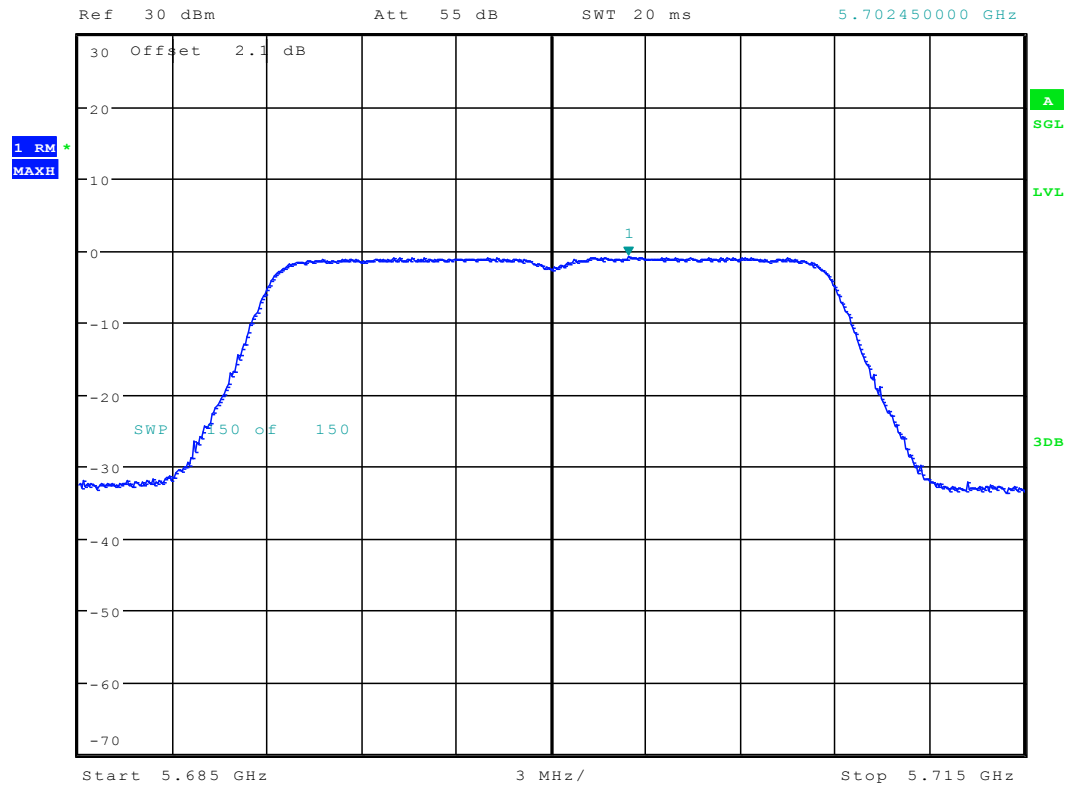
Date: 2.DEC.2017 17:41:20

11.119 11AC20MIMO_140 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-0.84 dBm
5.702450000 GHz



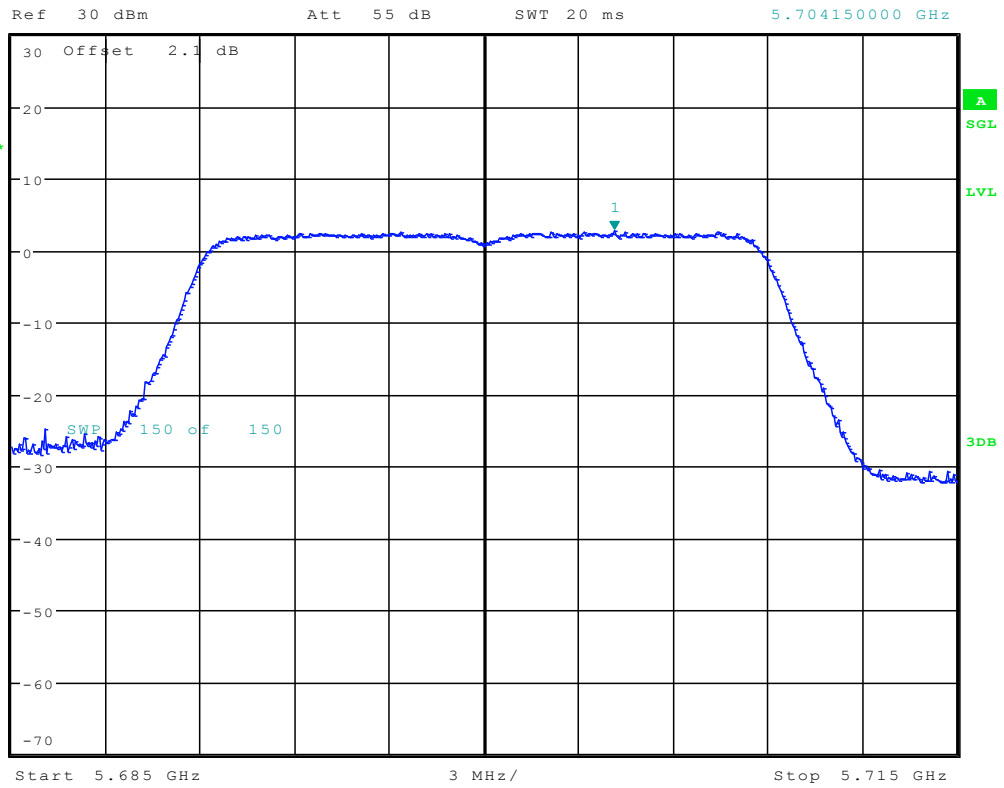
Date: 2.DEC.2017 15:05:49

11.120 11AC20MIMO_140 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
2.70 dBm
5.704150000 GHz



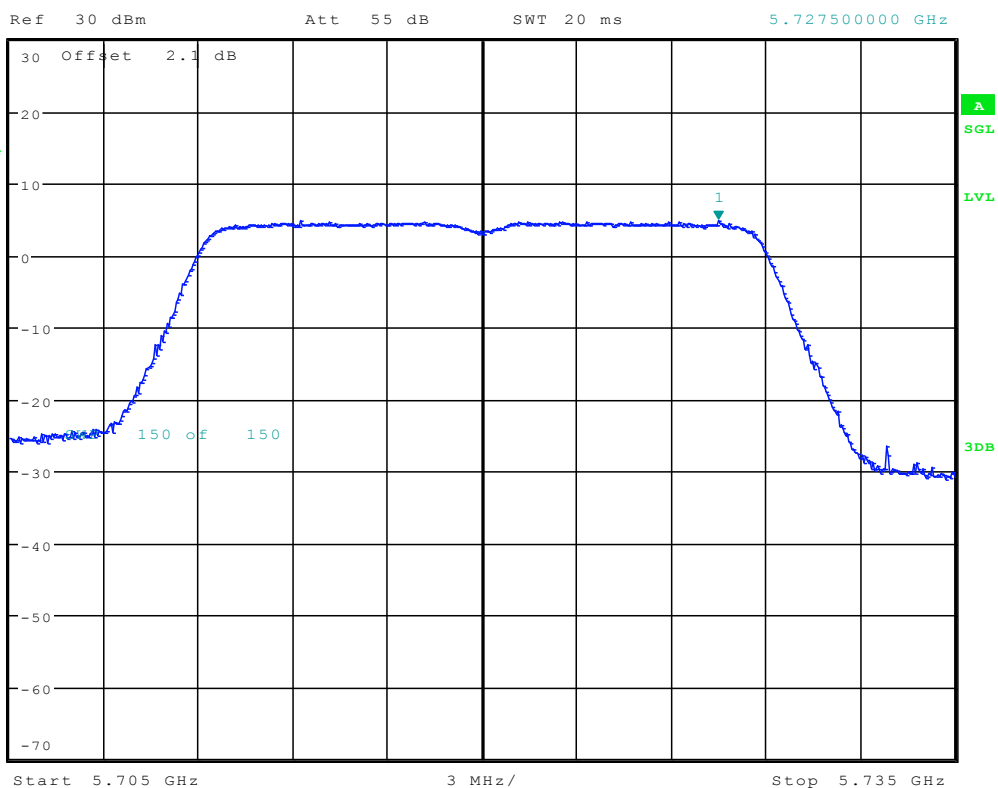
Date: 2.DEC.2017 17:44:03

11.121 11AC20MIMO_144 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
4.81 dBm
5.727500000 GHz

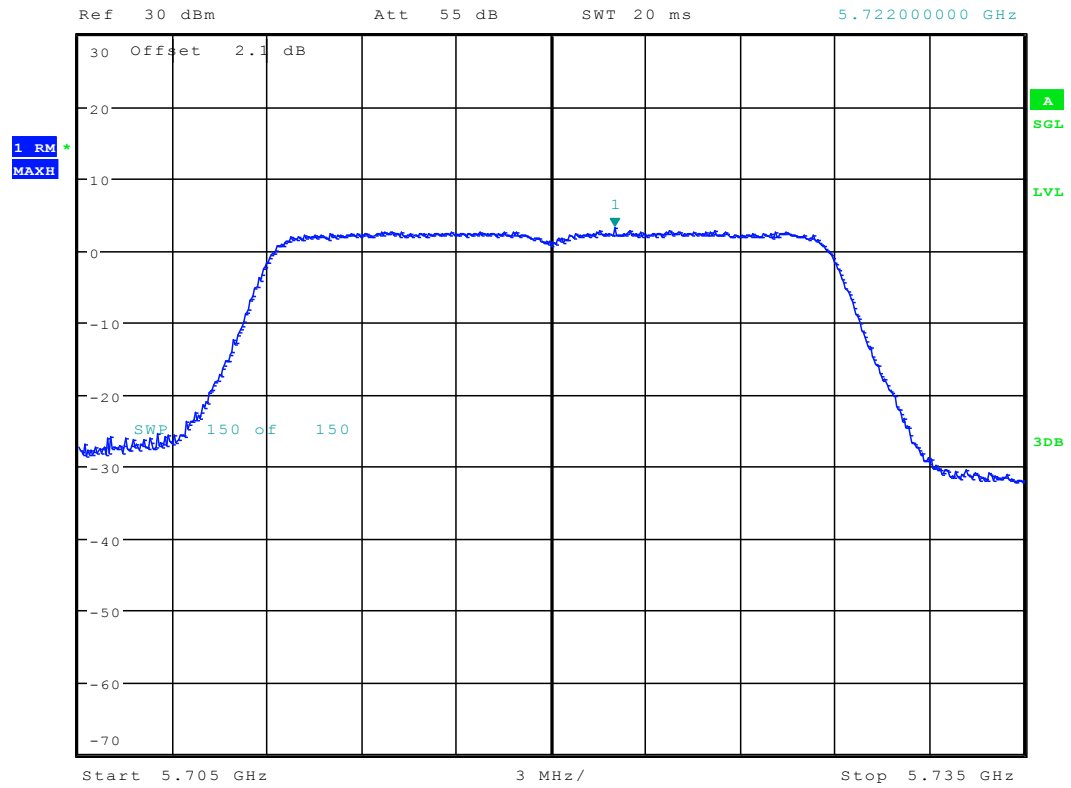


Date: 2.DEC.2017 15:07:59

11.122 11AC20MIMO_144 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms
Marker 1 [T1]
3.13 dBm
5.722000000 GHz

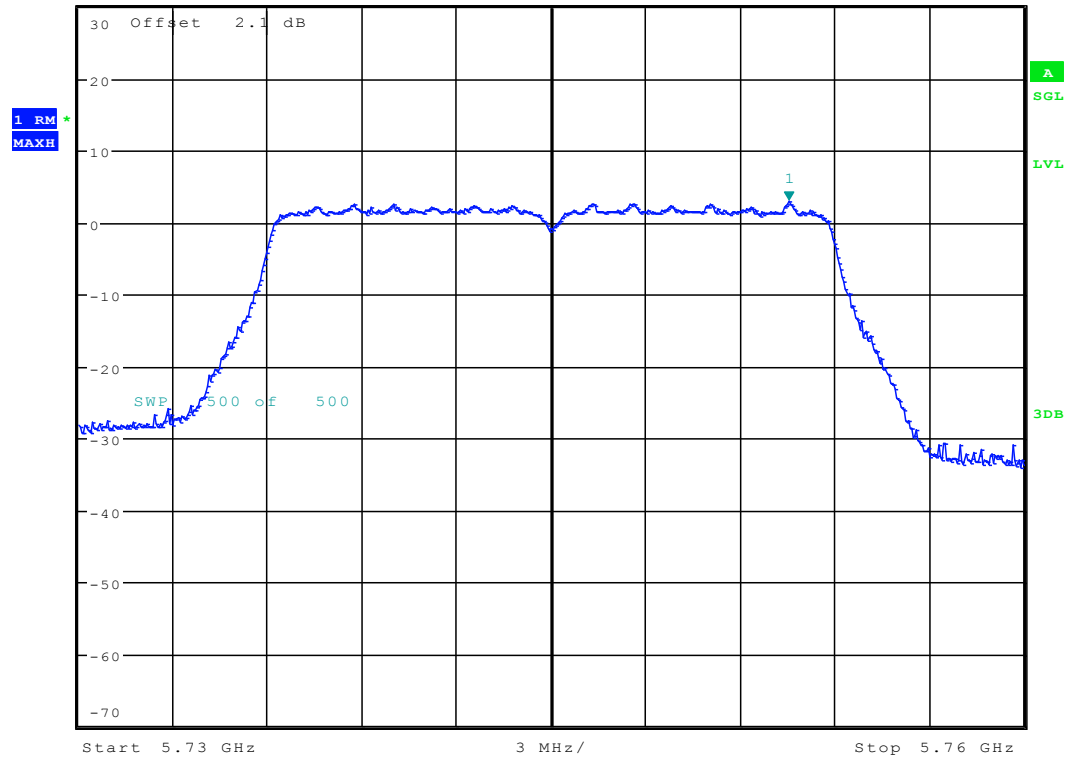


Date: 2.DEC.2017 17:46:20

11.123 11AC20MIMO_149 ANT 1



*RBW 500 kHz Marker 1 [T1]
*VBW 2 MHz 3.05 dBm
SWT 20 ms 5.752550000 GHz

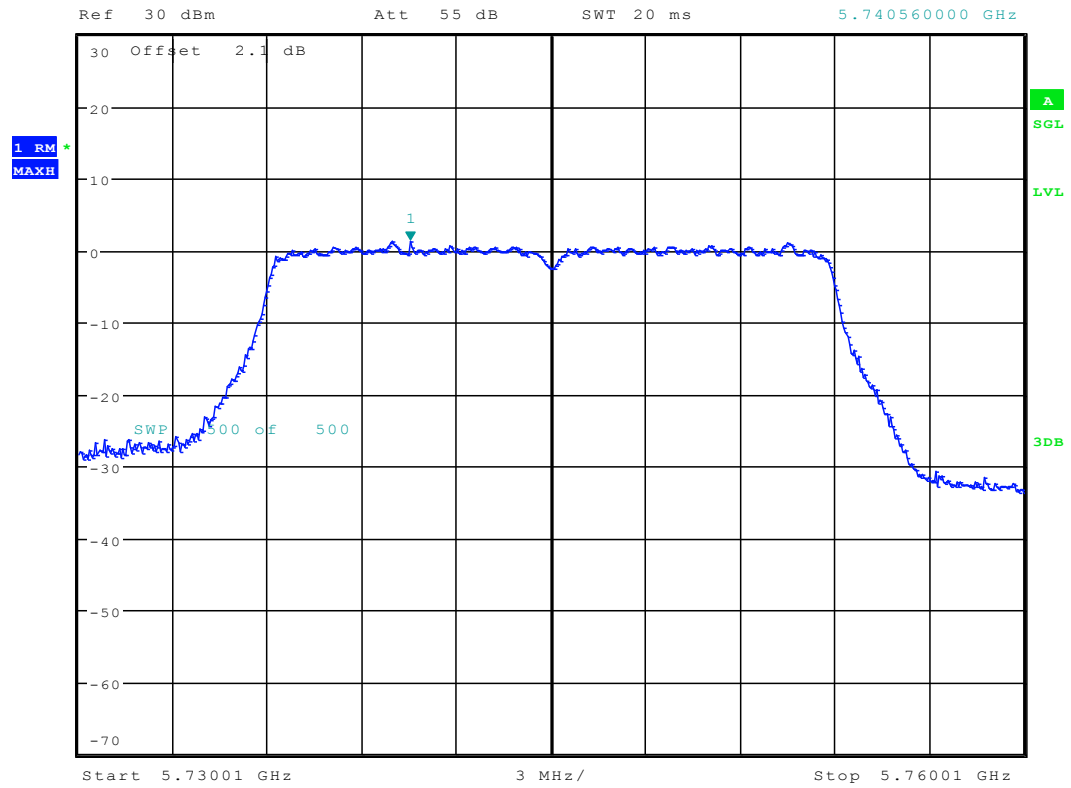


Date: 2.DEC.2017 15:11:05

11.124 11AC20MIMO_149 ANT 2



*RBW 500 kHz Marker 1 [T1]
*VBW 2 MHz 1.32 dBm
SWT 20 ms 5.740560000 GHz



Date: 2.DEC.2017 17:50:10