



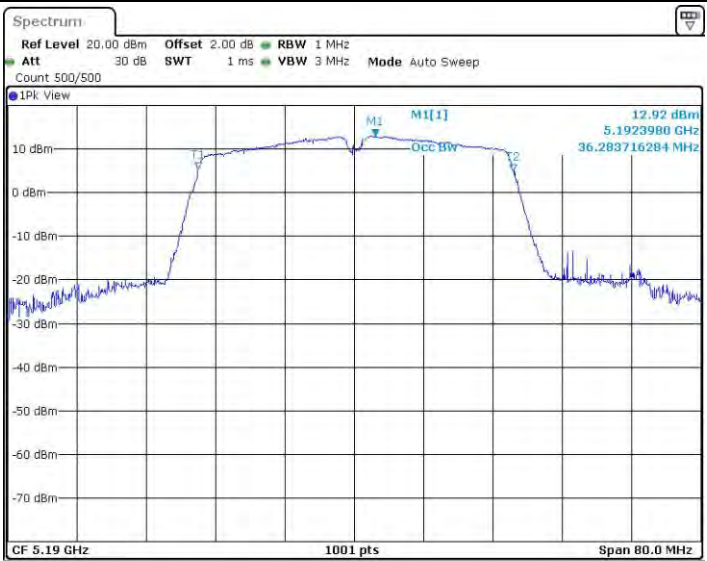
11N20SISO_Ant2_5825



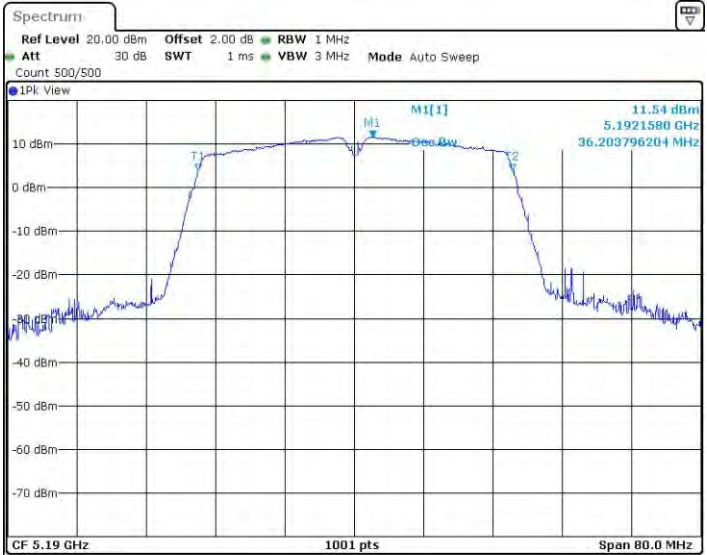
11N20SISO_Ant3_5825



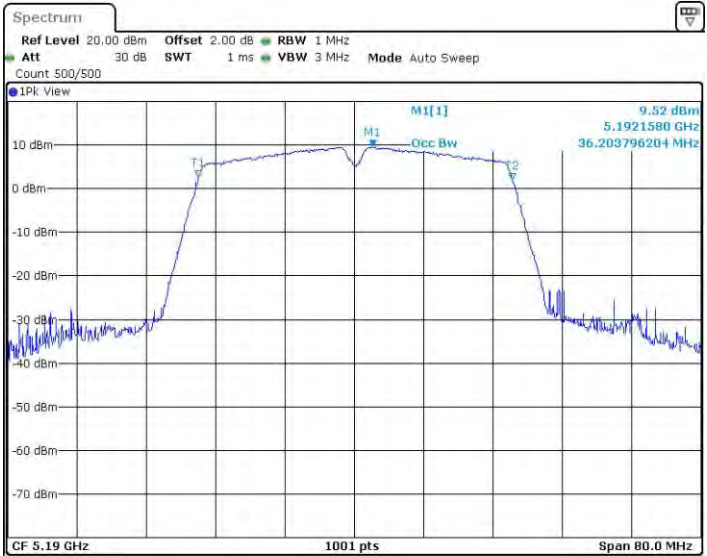
11N20SISO_Ant4_5825



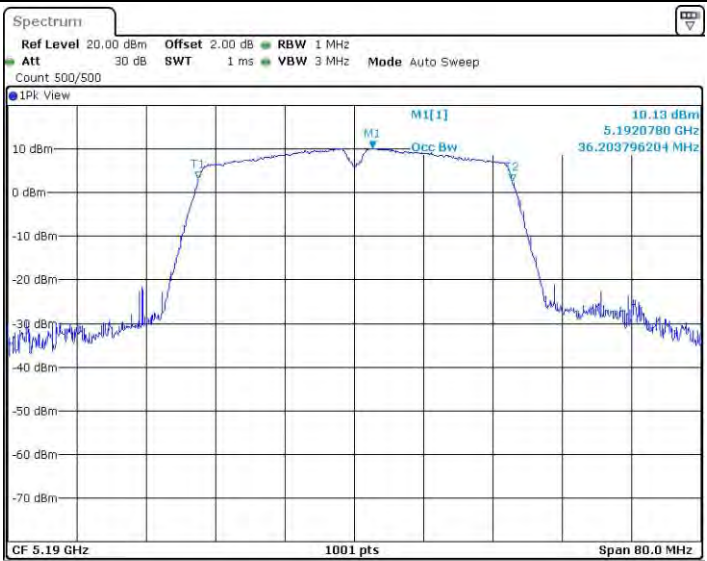
11N40SISO_Ant1_5190



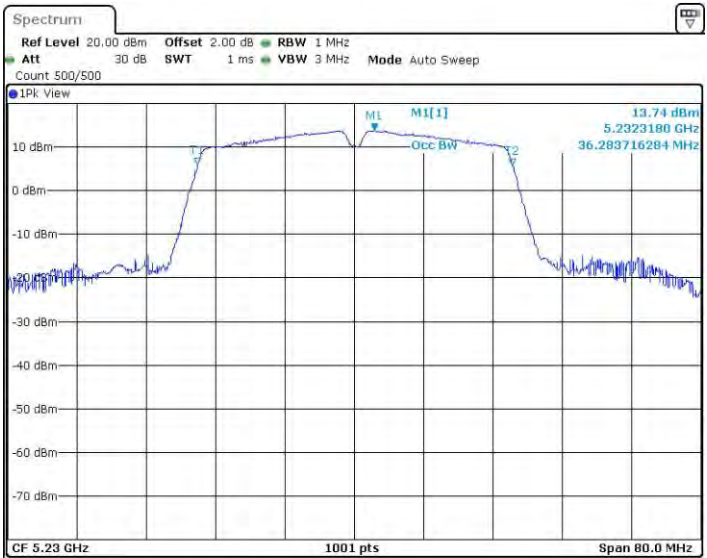
11N40SISO_Ant2_5190



11N40SISO_Ant3_5190



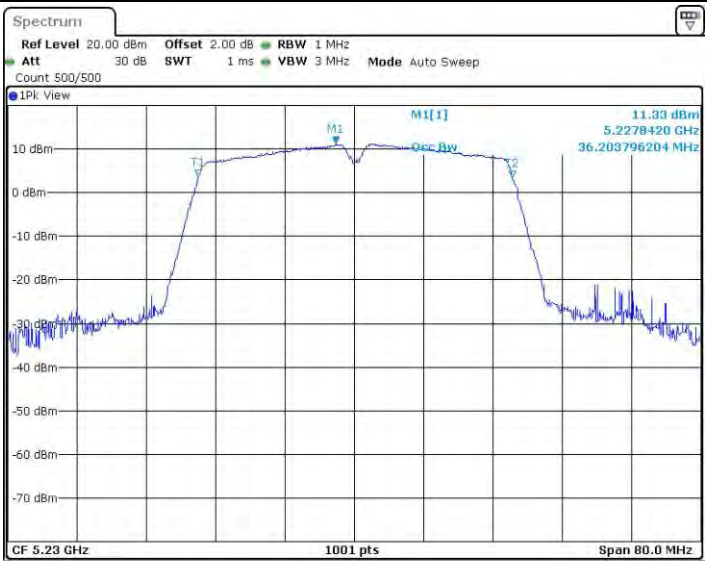
11N40SISO_Ant4_5190



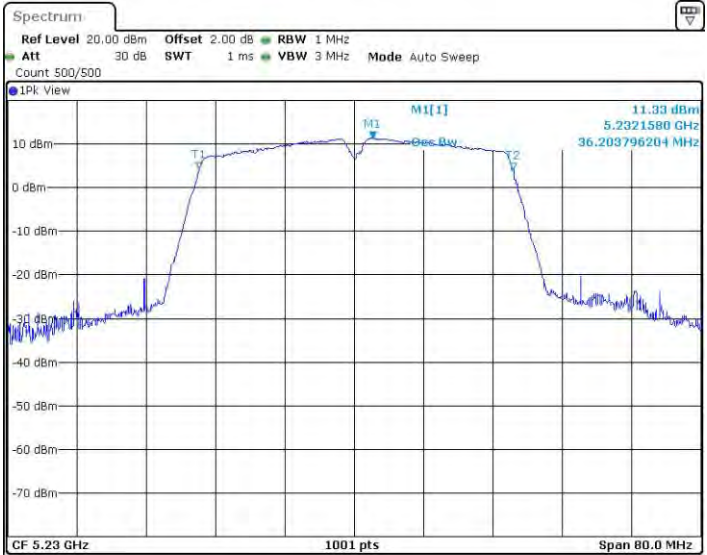
11N40SISO_Ant1_5230



11N40SISO_Ant2_5230



11N40SISO_Ant3_5230



11N40SISO_Ant4_5230



11N40SISO_Ant1_5755



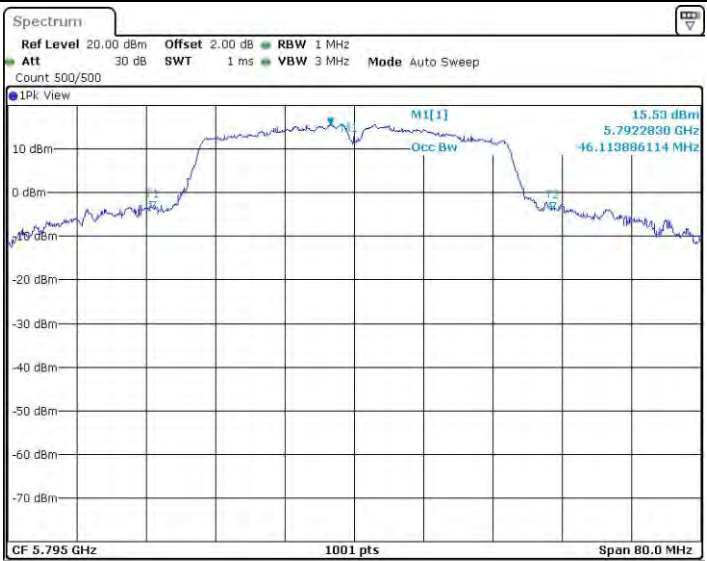
11N40SISO_Ant2_5755



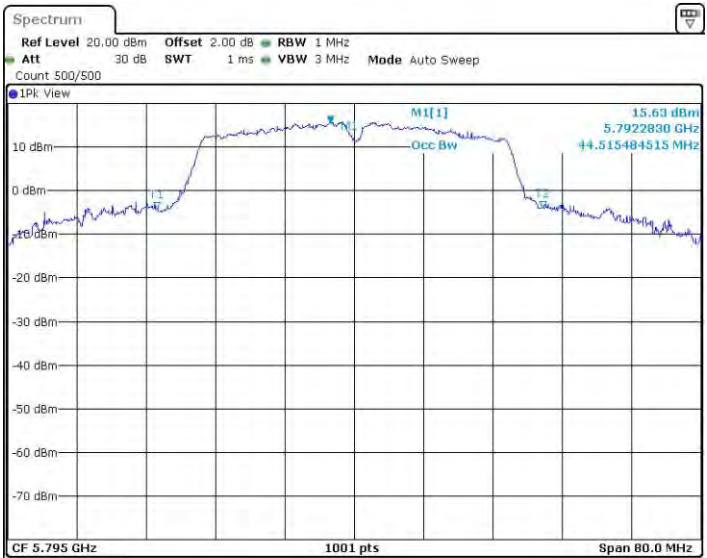
11N40SISO_Ant3_5755



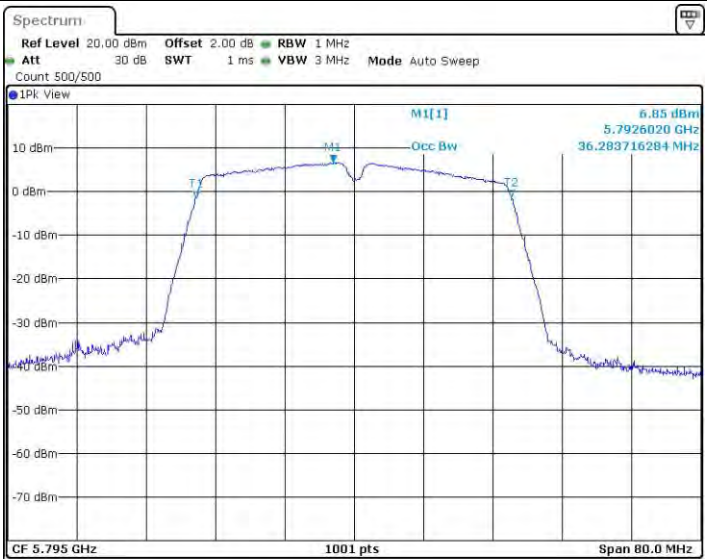
11N40SISO_Ant4_5755



11N40SISO_Ant1_5795



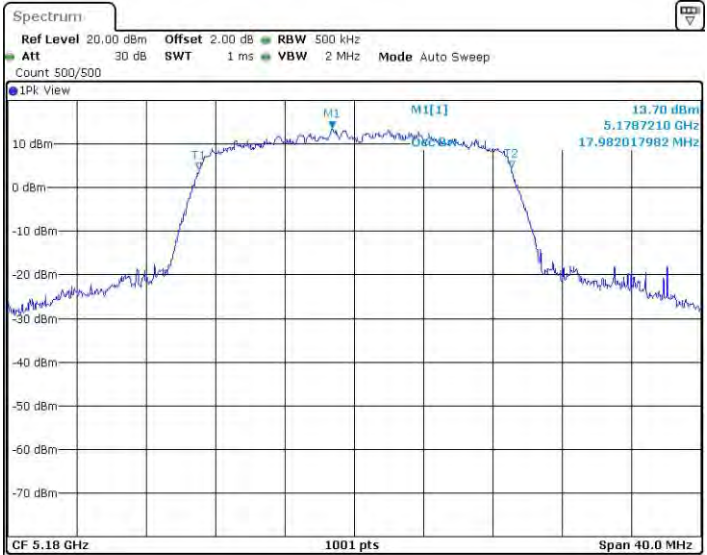
11N40SISO_Ant2_5795



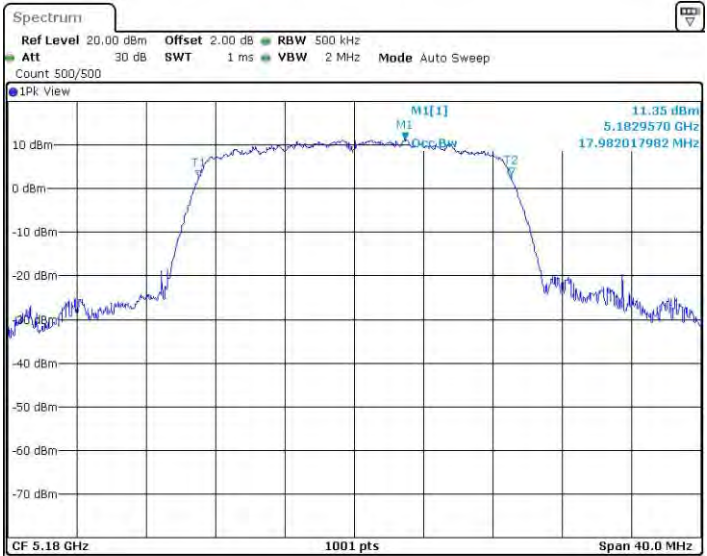
11N40SISO_Ant3_5795



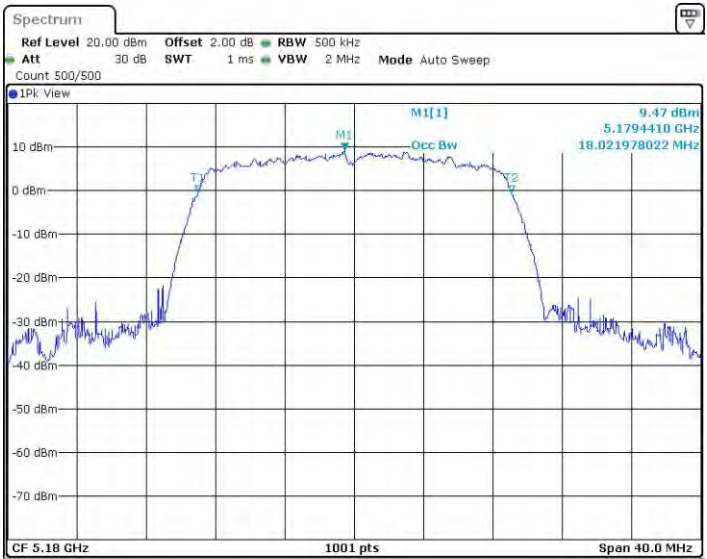
11N40SISO_Ant4_5795



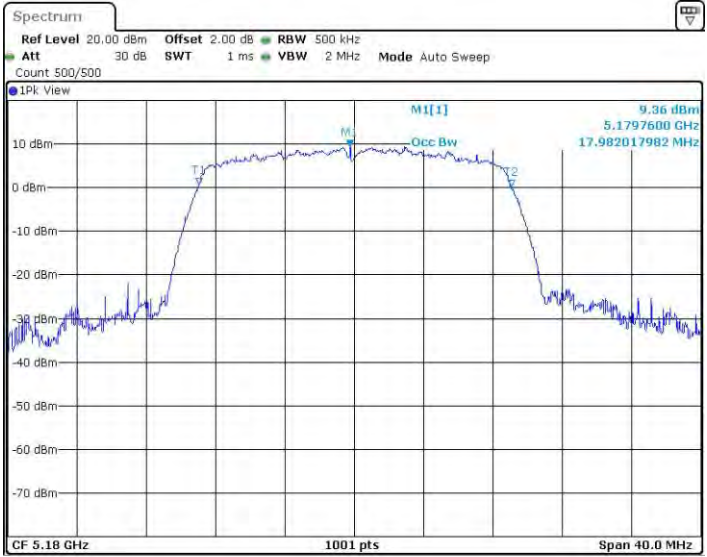
11AC20SISO_Ant1_5180



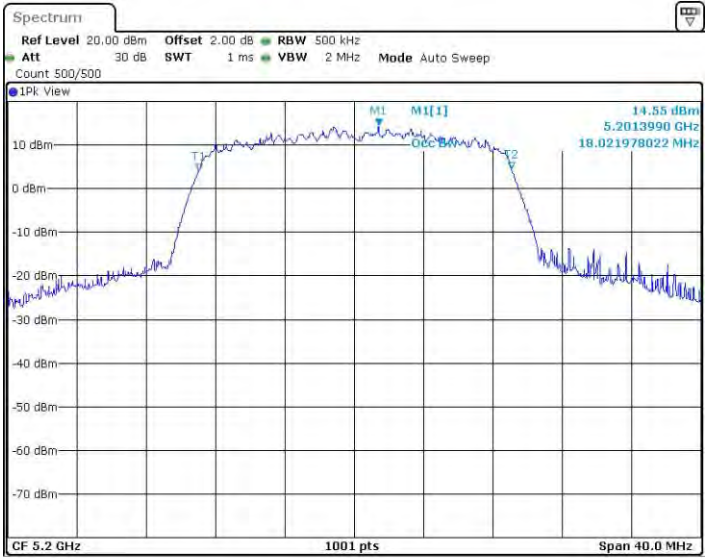
11AC20SISO_Ant2_5180



11AC20SISO_Ant3_5180



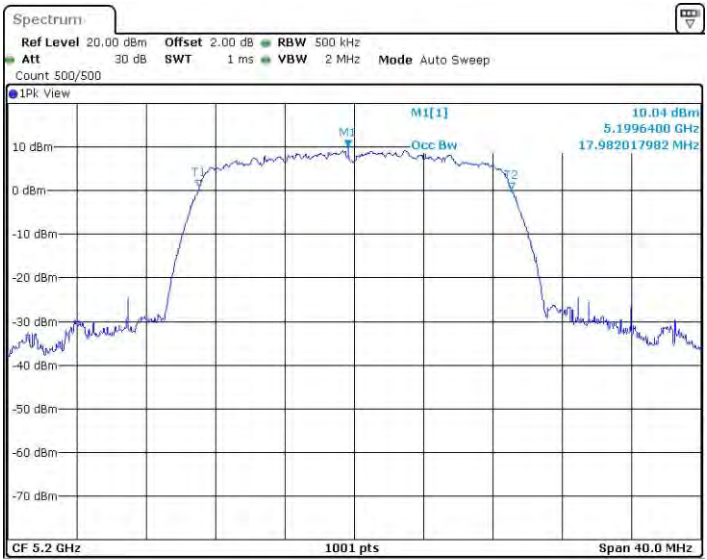
11AC20SISO_Ant4_5180



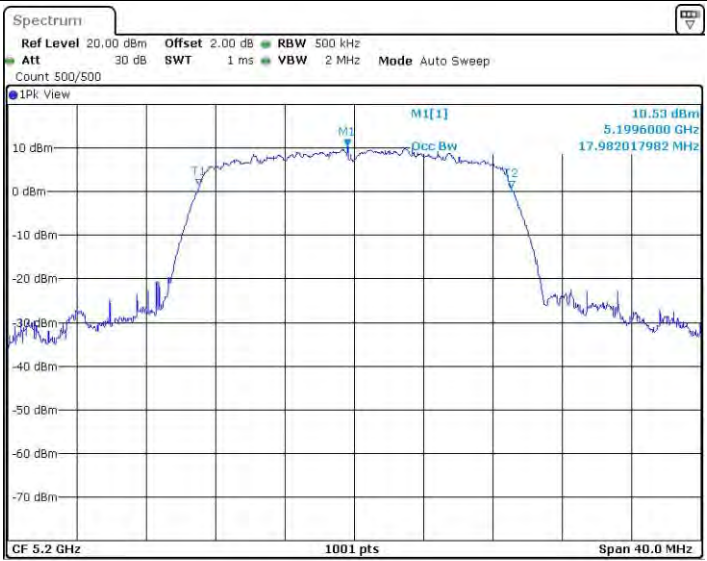
11AC20SISO_Ant1_5200



11AC20SISO_Ant2_5200



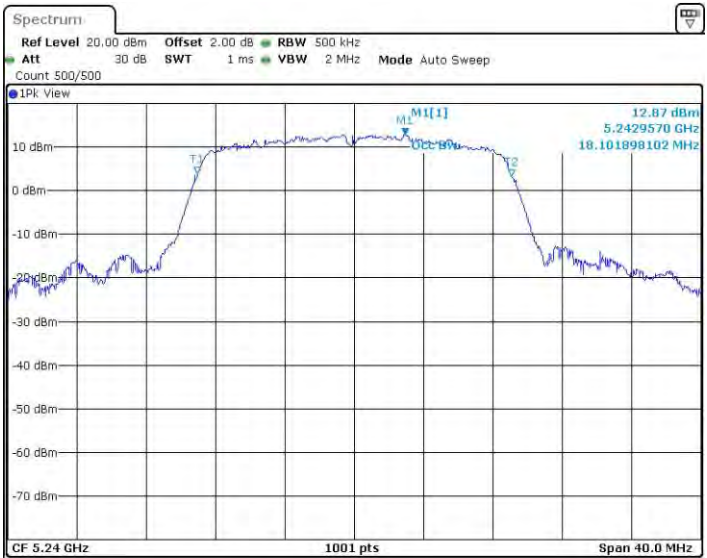
11AC20SISO_Ant3_5200



11AC20SISO_Ant4_5200



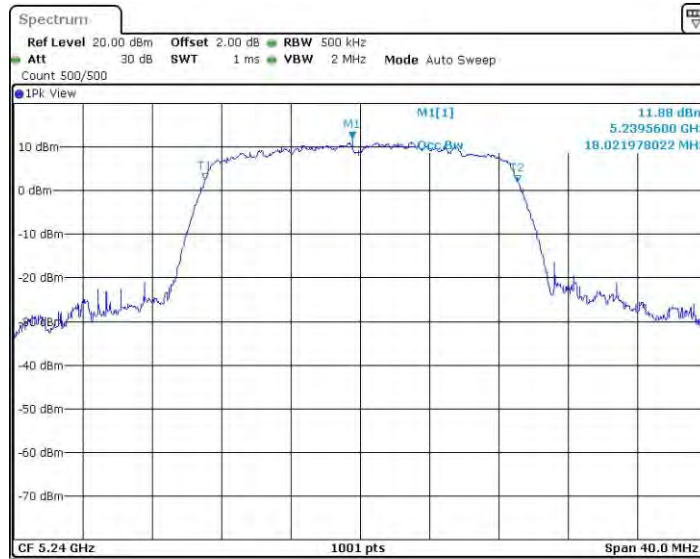
11AC20SISO_Ant1_5240



11AC20SISO_Ant2_5240



11AC20SISO_Ant3_5240



11AC20SISO_Ant4_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant2_5745



11AC20SISO_Ant3_5745



11AC20SISO_Ant4_5745



11AC20SISO_Ant1_5785



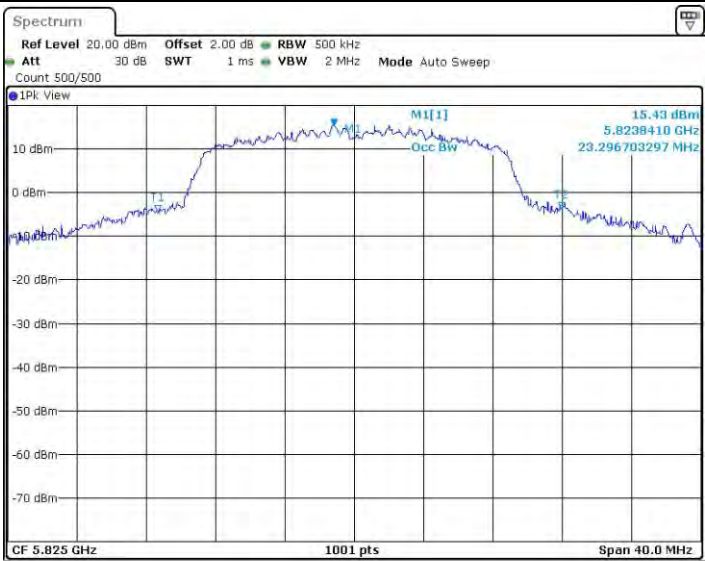
11AC20SISO_Ant2_5785



11AC20SISO_Ant3_5785



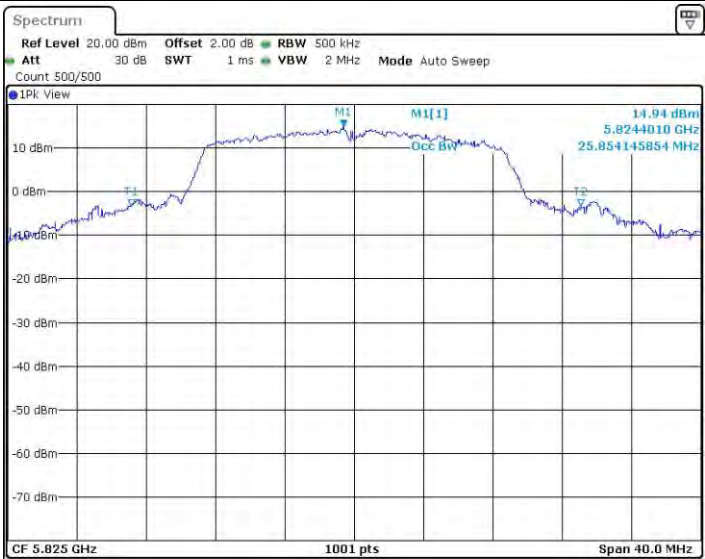
11AC20SISO_Ant4_5785



11AC20SISO_Ant1_5825



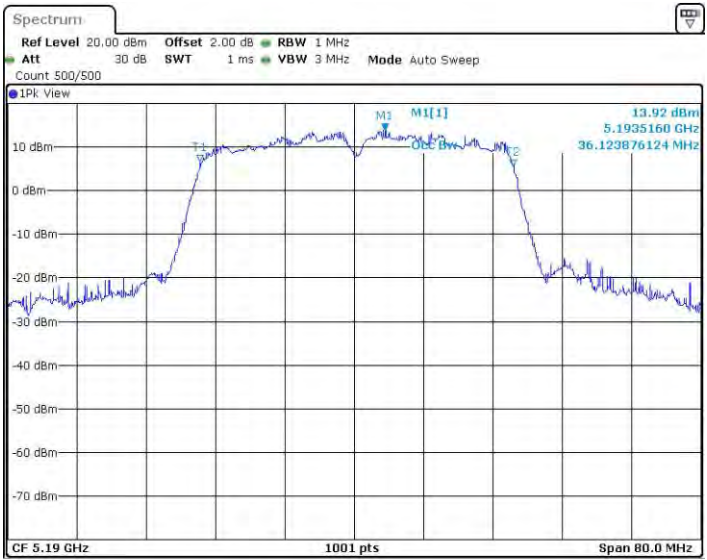
11AC20SISO_Ant2_5825



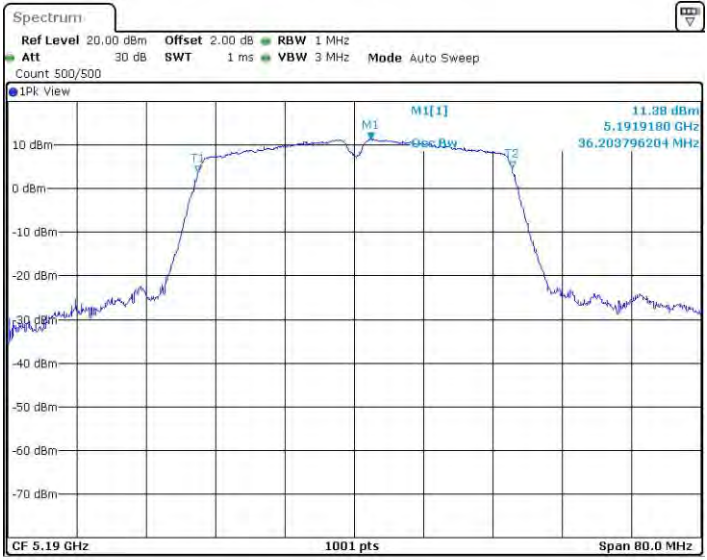
11AC20SISO_Ant3_5825



11AC20SISO_Ant4_5825



11AC40SISO_Ant1_5190

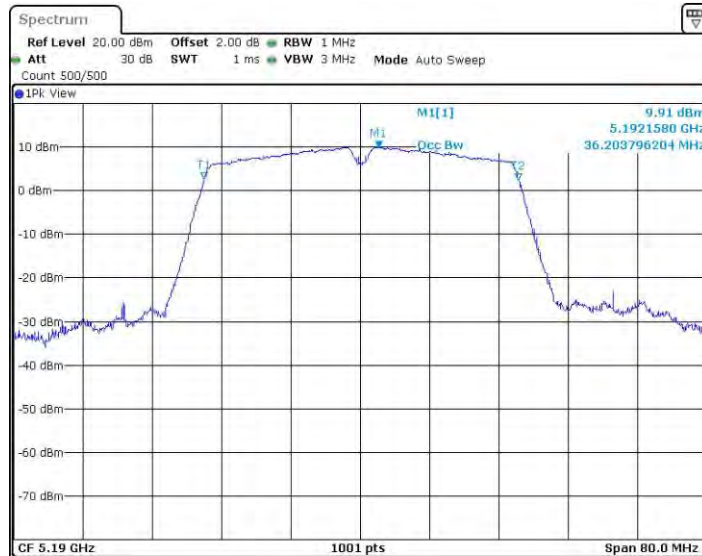


11AC40SISO_Ant2_5190

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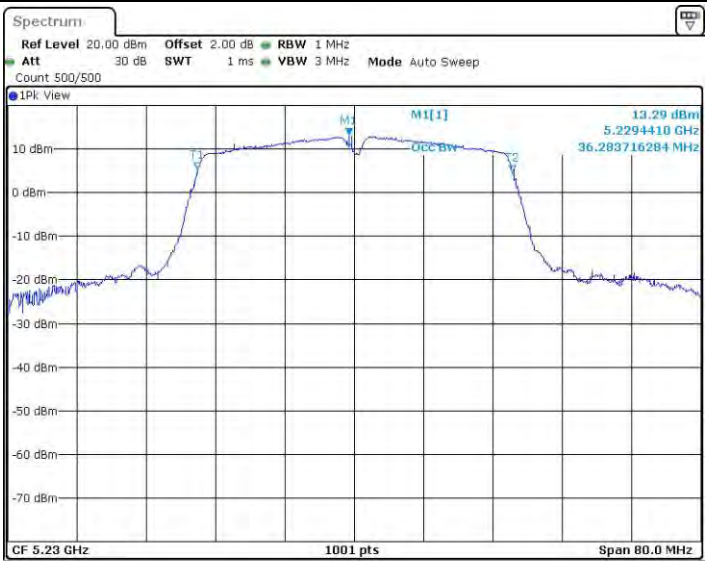
11AC40SISO_Ant3_5190



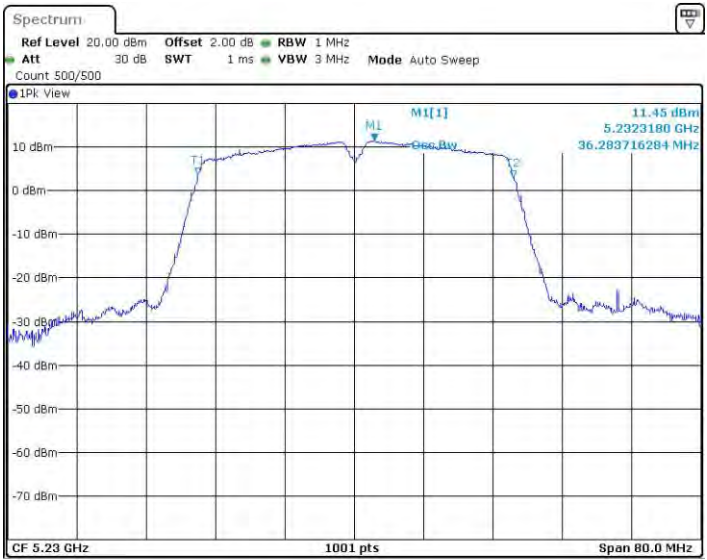
11AC40SISO_Ant4_5190



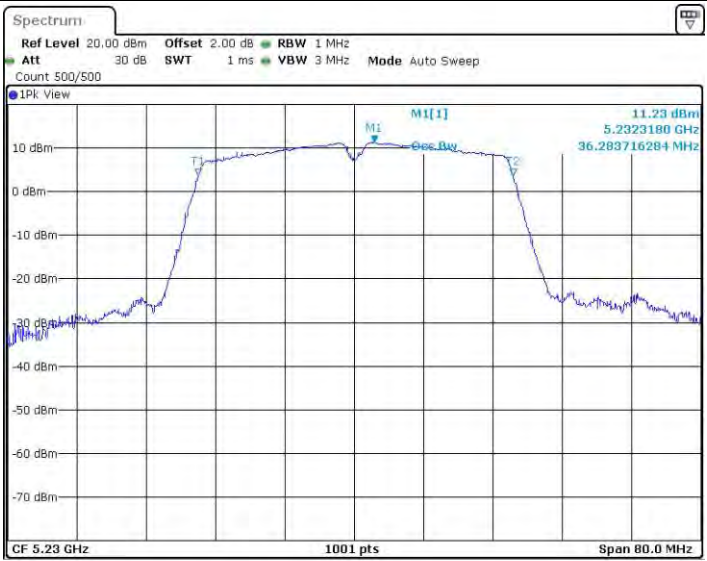
11AC40SISO_Ant1_5230



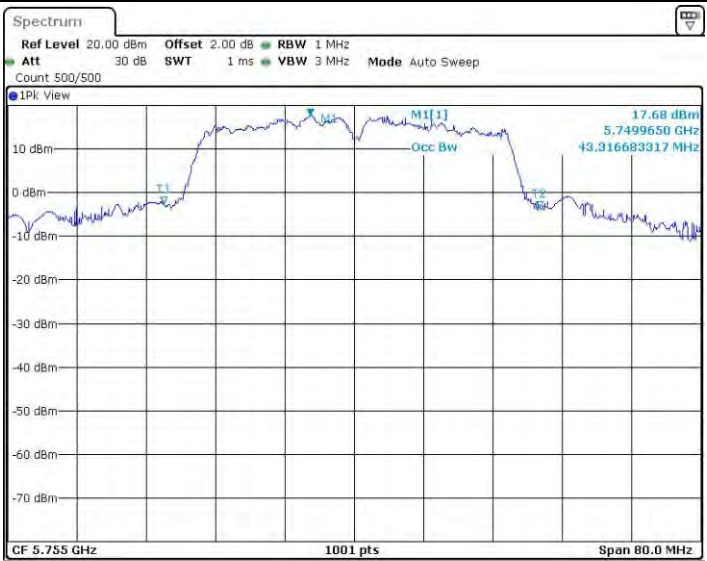
11AC40SISO_Ant2_5230



11AC40SISO_Ant3_5230



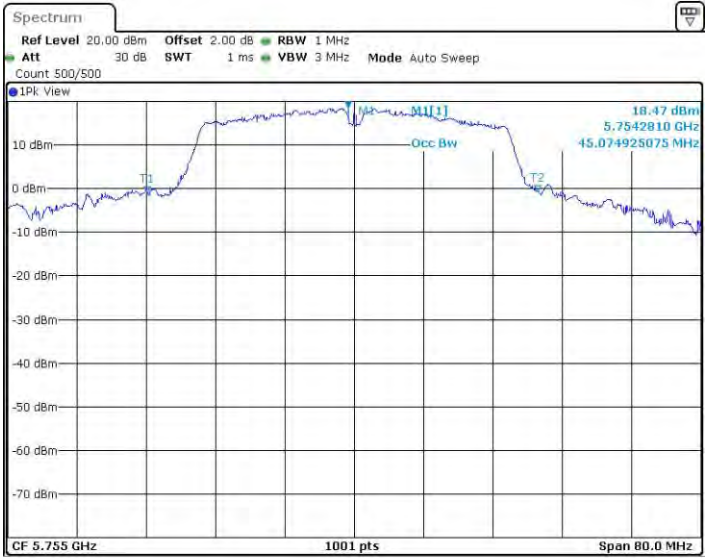
11AC40SISO_Ant4_5230



11AC40SISO_Ant1_5755



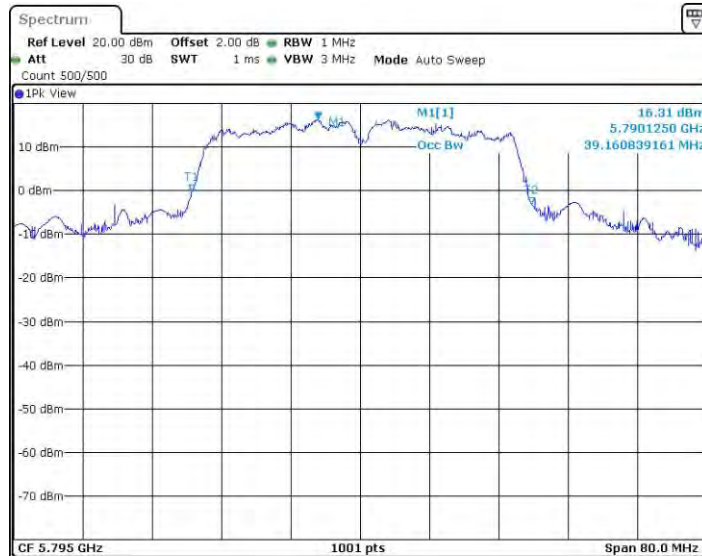
11AC40SISO_Ant2_5755



11AC40SISO_Ant3_5755



11AC40SISO_Ant4_5755



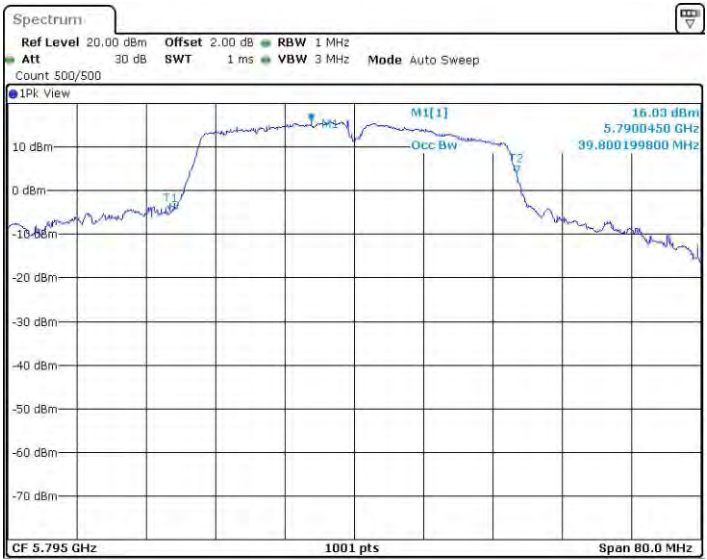
11AC40SISO_Ant1_5795



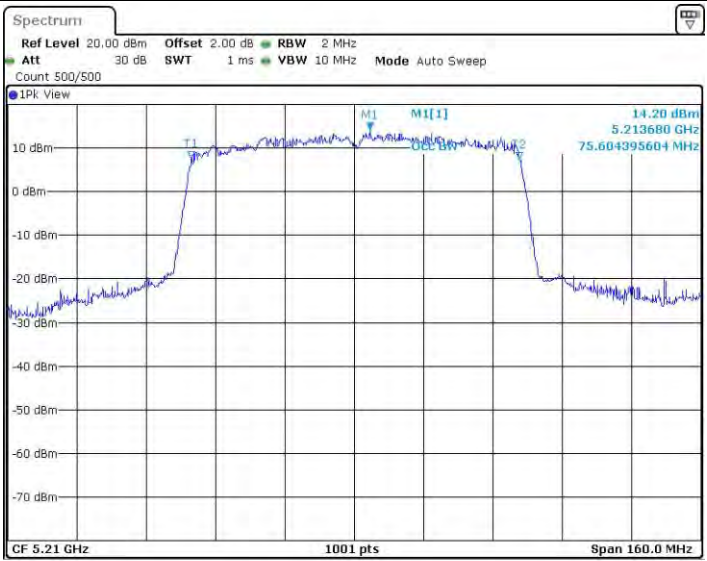
11AC40SISO_Ant2_5795



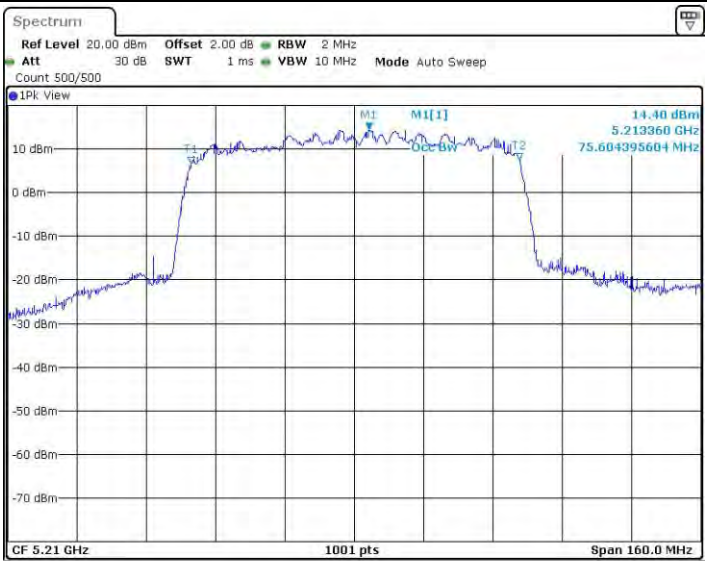
11AC40SISO_Ant3_5795



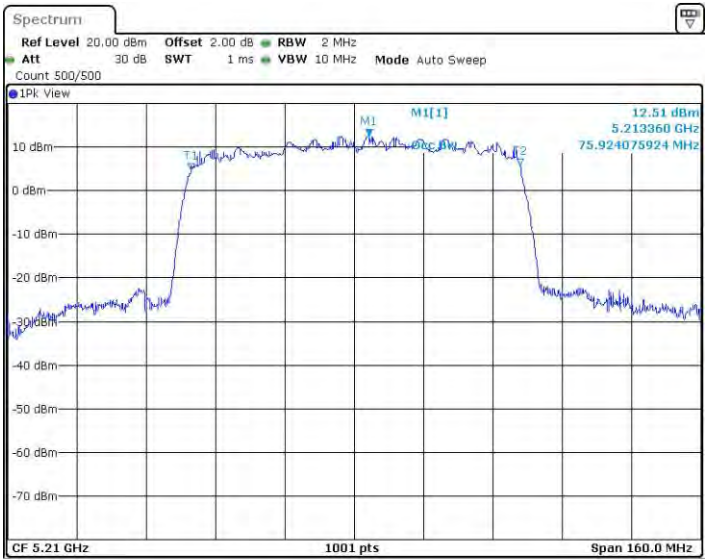
11AC40SISO_Ant4_5795



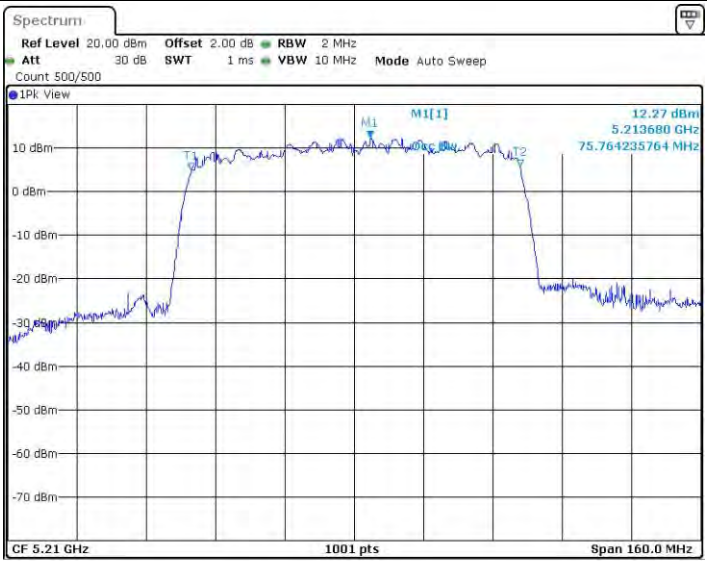
11AC80SISO_Ant1_5210



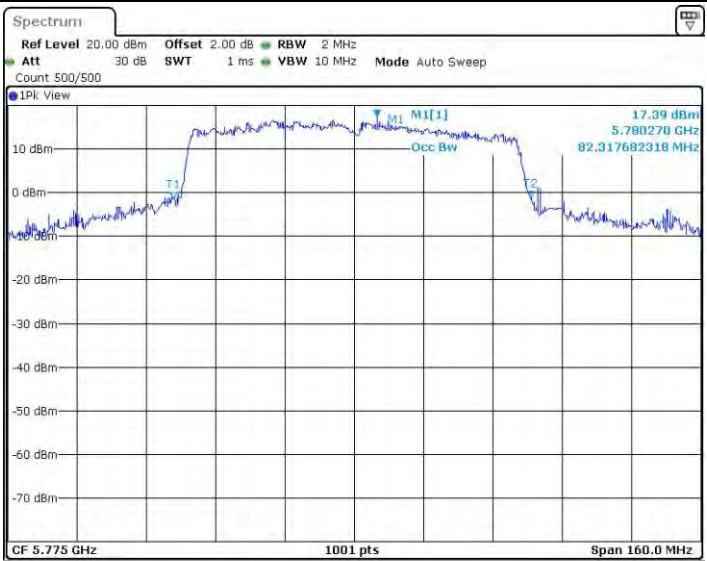
11AC80SISO_Ant2_5210



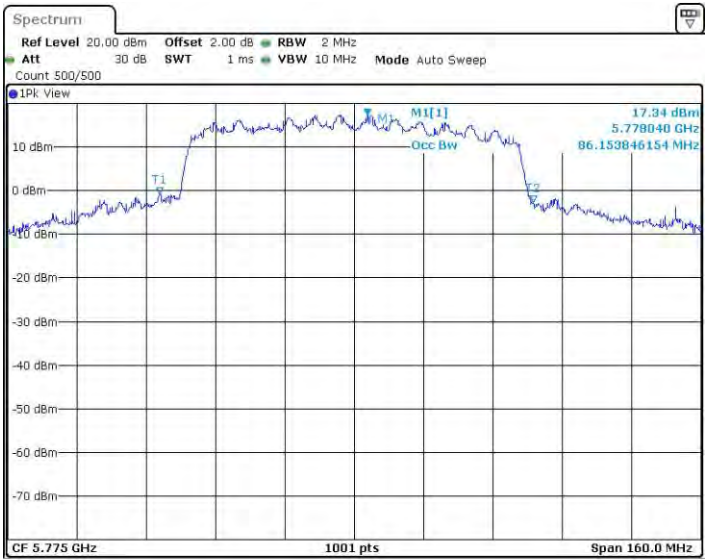
11AC80SISO_Ant3_5210



11AC80SISO_Ant4_5210



11AC80SISO_Ant1_5775



11AC80SISO_Ant2_5775



11AC80SISO_Ant3_5775



Appendix A3: Min emission bandwidth

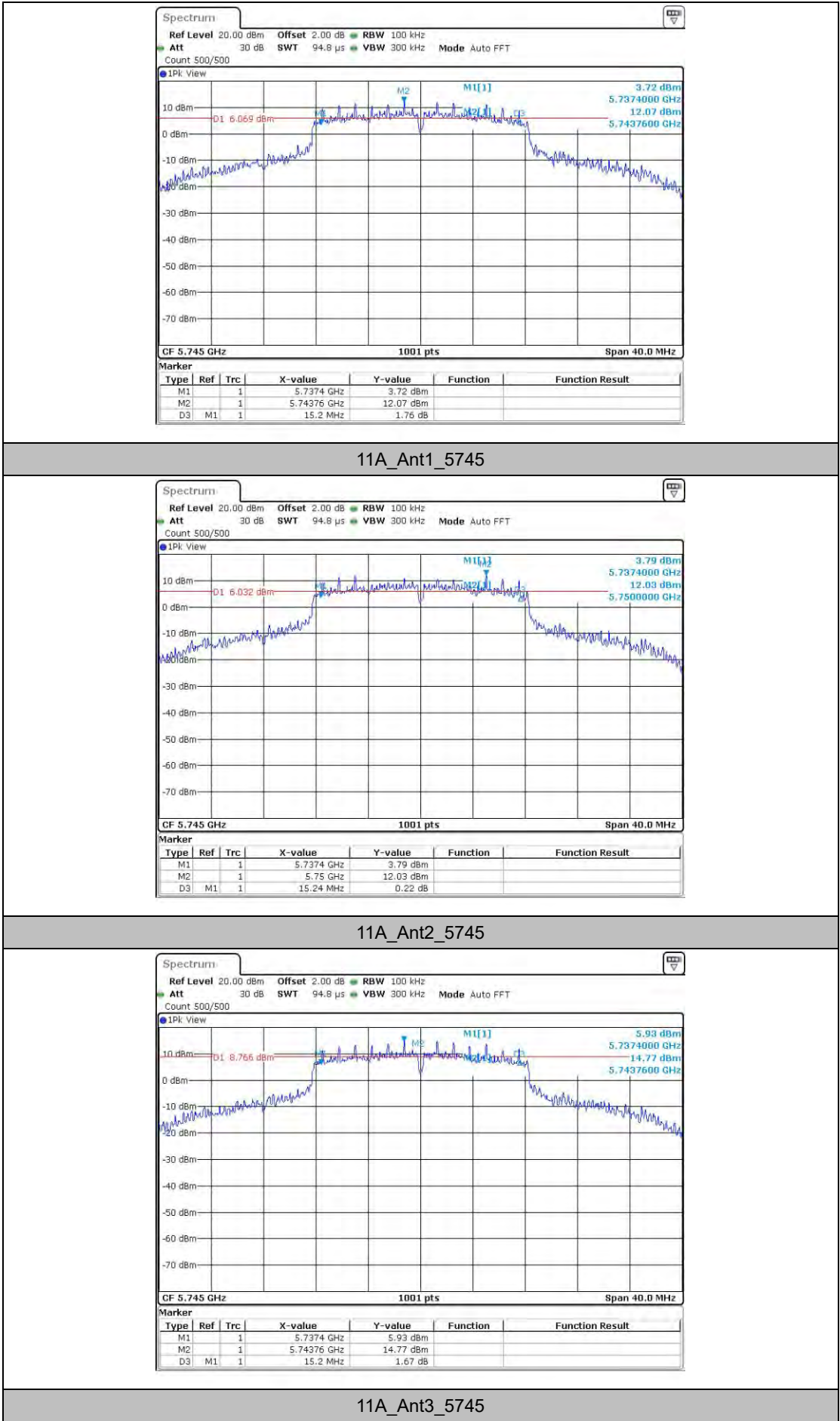
Test Result

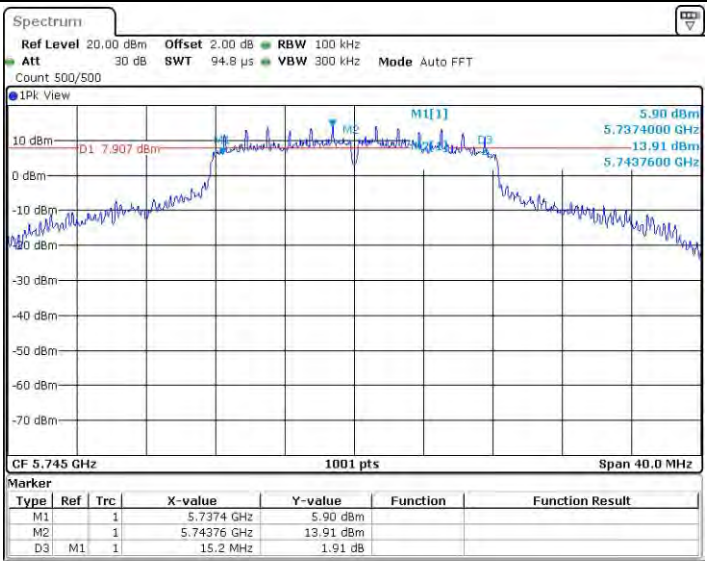
TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.200	5737.400	5752.600	0.5	PASS
	Ant2	5745	15.240	5737.400	5752.640	0.5	PASS
	Ant3	5745	15.200	5737.400	5752.600	0.5	PASS
	Ant4	5745	15.200	5737.400	5752.600	0.5	PASS
	Ant1	5785	15.200	5777.400	5792.600	0.5	PASS
	Ant2	5785	15.200	5777.400	5792.600	0.5	PASS
	Ant3	5785	15.200	5777.400	5792.600	0.5	PASS
	Ant4	5785	15.200	5777.400	5792.600	0.5	PASS
	Ant1	5825	15.800	5817.400	5833.200	0.5	PASS
	Ant2	5825	15.160	5817.440	5832.600	0.5	PASS
	Ant3	5825	15.200	5817.400	5832.600	0.5	PASS
	Ant4	5825	15.200	5817.400	5832.600	0.5	PASS
11N20SISO	Ant1	5745	15.120	5737.480	5752.600	0.5	PASS
	Ant2	5745	12.680	5737.400	5750.080	0.5	PASS
	Ant3	5745	15.160	5737.440	5752.600	0.5	PASS
	Ant4	5745	15.200	5737.400	5752.600	0.5	PASS
	Ant1	5785	15.200	5777.400	5792.600	0.5	PASS
	Ant2	5785	15.200	5777.400	5792.600	0.5	PASS
	Ant3	5785	15.200	5777.400	5792.600	0.5	PASS
	Ant4	5785	15.200	5777.400	5792.600	0.5	PASS
	Ant1	5825	15.160	5817.440	5832.600	0.5	PASS
	Ant2	5825	15.200	5817.400	5832.600	0.5	PASS
	Ant3	5825	15.760	5816.840	5832.600	0.5	PASS
	Ant4	5825	15.240	5817.400	5832.640	0.5	PASS
11N40SISO	Ant1	5755	35.200	5737.400	5772.600	0.5	PASS
	Ant2	5755	35.280	5737.400	5772.680	0.5	PASS
	Ant3	5755	35.280	5737.400	5772.680	0.5	PASS
	Ant4	5755	35.200	5737.400	5772.600	0.5	PASS
	Ant1	5795	35.280	5777.400	5812.680	0.5	PASS
	Ant2	5795	35.280	5777.400	5812.680	0.5	PASS
	Ant3	5795	35.280	5777.400	5812.680	0.5	PASS
	Ant4	5795	35.280	5777.400	5812.680	0.5	PASS
11AC20SISO	Ant1	5745	15.200	5737.440	5752.640	0.5	PASS
	Ant2	5745	15.200	5737.400	5752.600	0.5	PASS
	Ant3	5745	15.200	5737.440	5752.640	0.5	PASS
	Ant4	5745	15.200	5737.400	5752.600	0.5	PASS
	Ant1	5785	15.200	5777.440	5792.640	0.5	PASS
	Ant2	5785	15.200	5777.400	5792.600	0.5	PASS
	Ant3	5785	17.360	5776.160	5793.520	0.5	PASS

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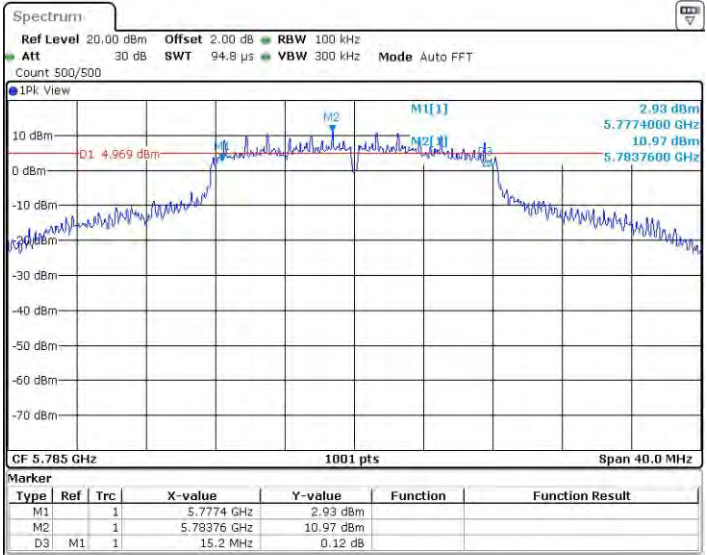
Tes tMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
	Ant4	5785	15.160	5777.440	5792.600	0.5	PASS
	Ant1	5825	15.200	5817.440	5832.640	0.5	PASS
	Ant2	5825	15.240	5817.400	5832.640	0.5	PASS
	Ant3	5825	15.200	5817.400	5832.600	0.5	PASS
	Ant4	5825	15.160	5817.400	5832.560	0.5	PASS
11AC40SISO	Ant1	5755	35.280	5737.400	5772.680	0.5	PASS
	Ant2	5755	35.280	5737.400	5772.680	0.5	PASS
	Ant3	5755	35.200	5737.400	5772.600	0.5	PASS
	Ant4	5755	35.200	5737.400	5772.600	0.5	PASS
	Ant1	5795	35.200	5777.480	5812.680	0.5	PASS
	Ant2	5795	35.280	5777.400	5812.680	0.5	PASS
	Ant3	5795	35.280	5777.400	5812.680	0.5	PASS
	Ant4	5795	35.280	5777.400	5812.680	0.5	PASS
11AC80SISO	Ant1	5775	75.520	5737.240	5812.760	0.5	PASS
	Ant2	5775	75.520	5737.240	5812.760	0.5	PASS
	Ant3	5775	75.520	5737.240	5812.760	0.5	PASS
	Ant4	5775	75.520	5737.240	5812.760	0.5	PASS

Test Graphs

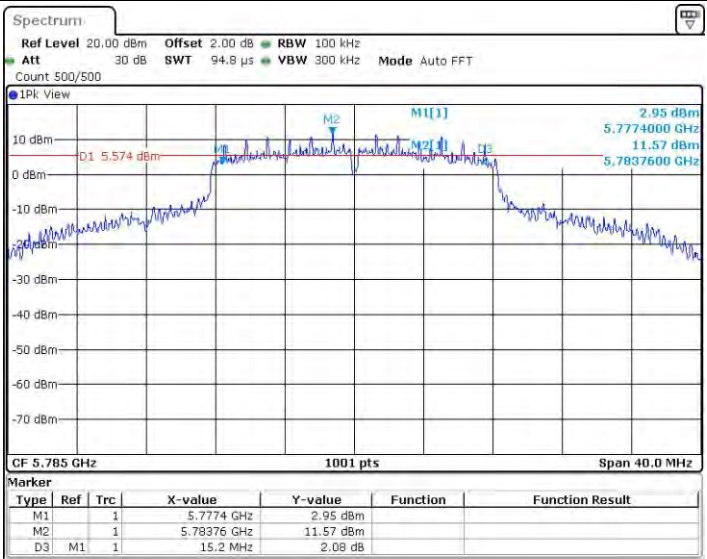




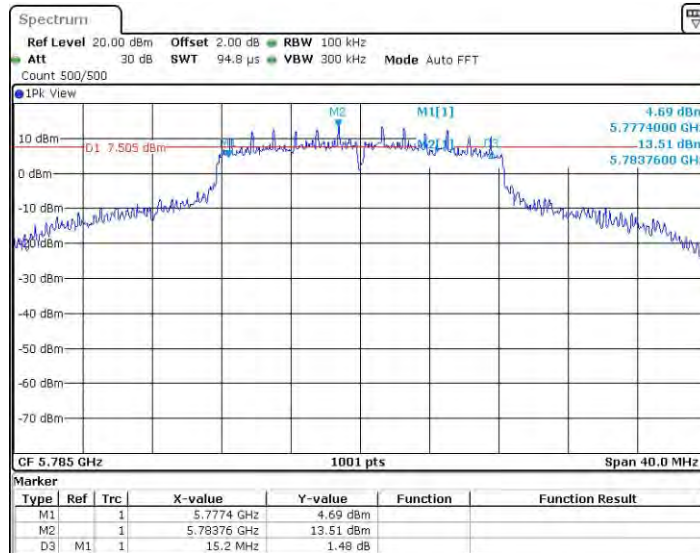
11A_Ant4_5745



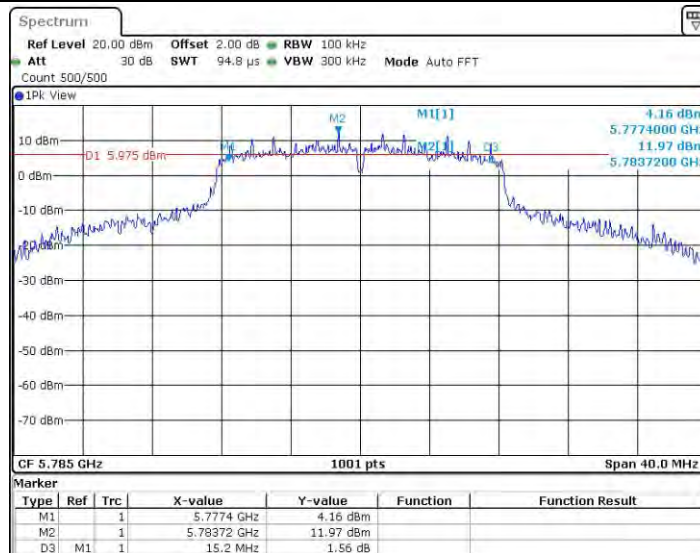
11A_Ant1_5785



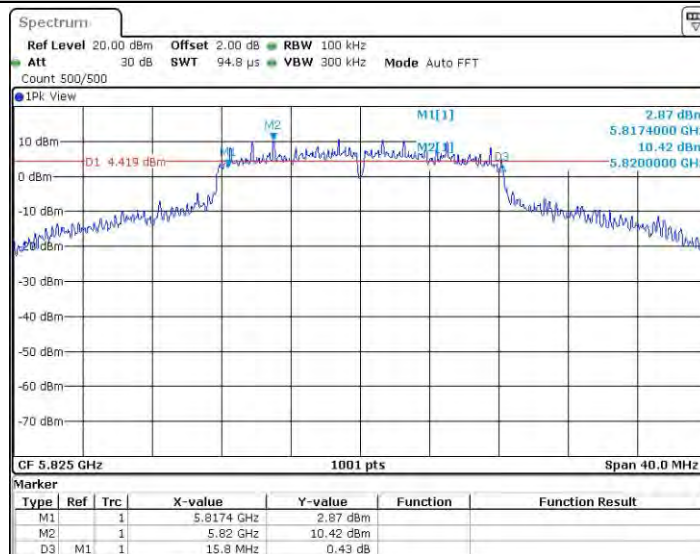
11A_Ant2_5785



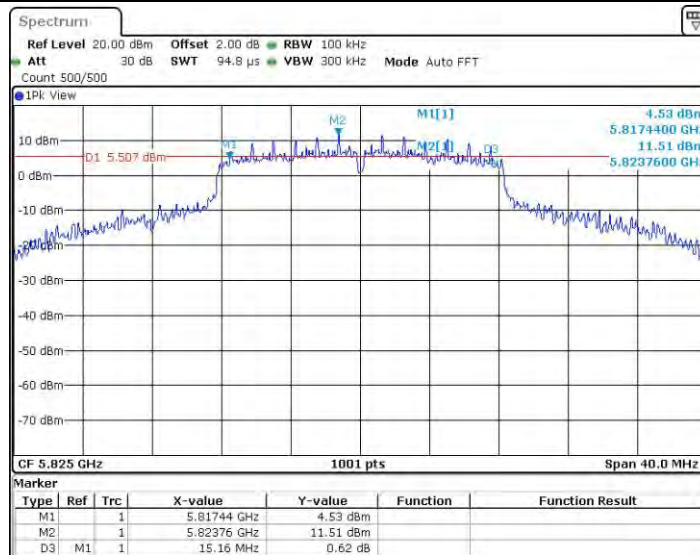
11A_Ant3_5785



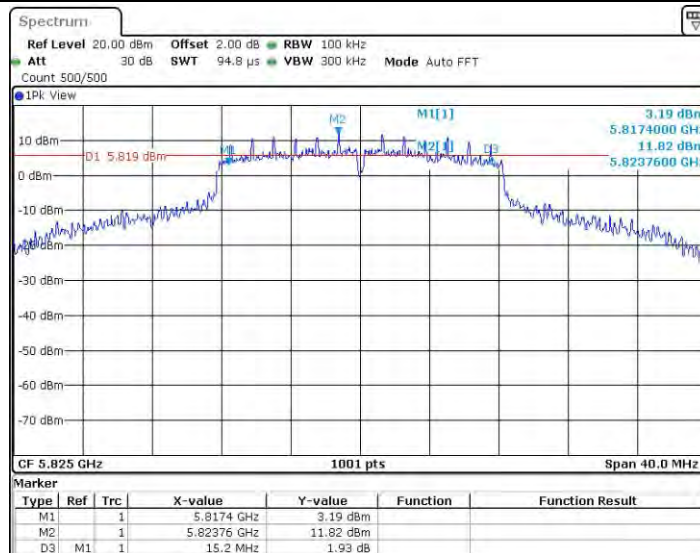
11A_Ant4_5785



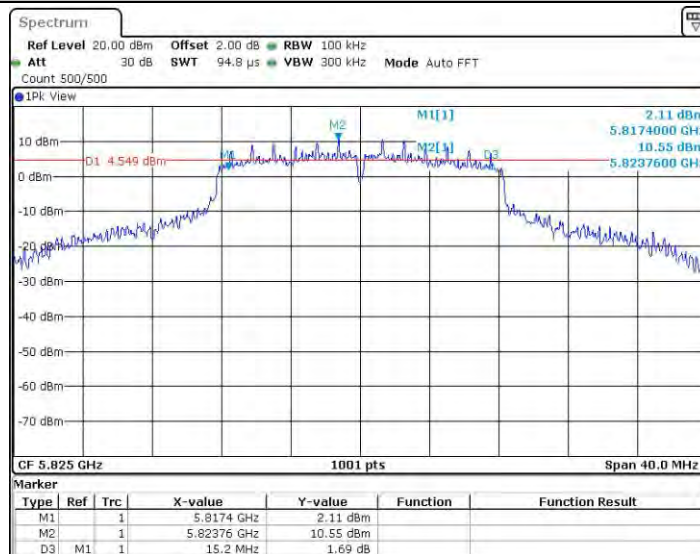
11A_Ant1_5825



11A_Ant2_5825

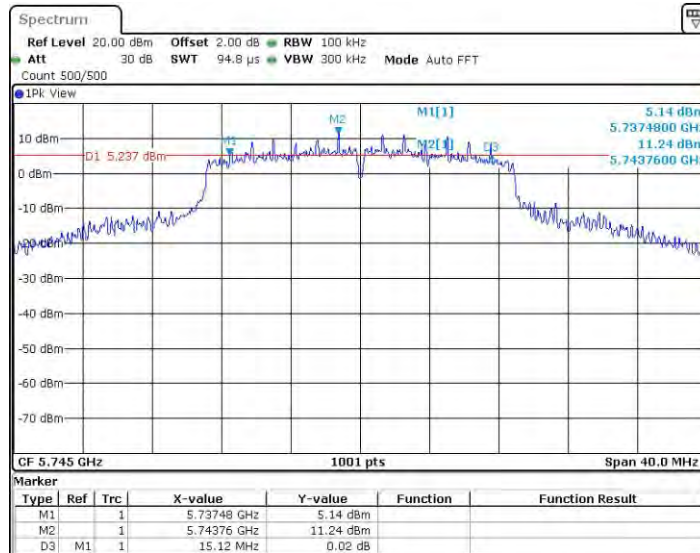


11A_Ant3_5825

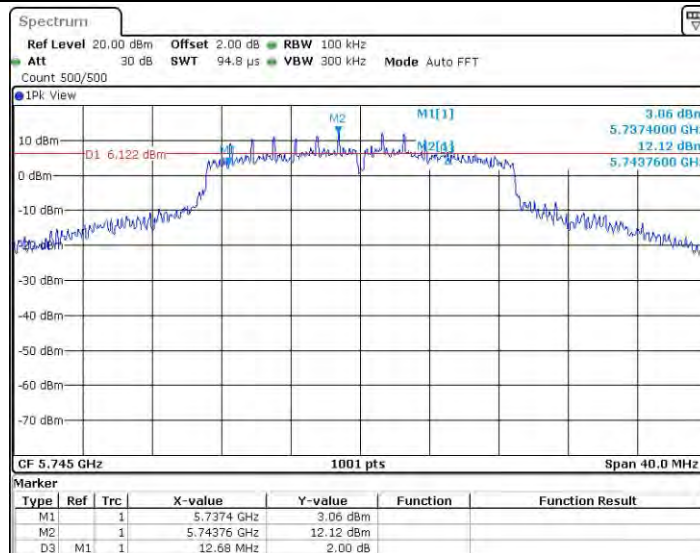


11A_Ant4_5825

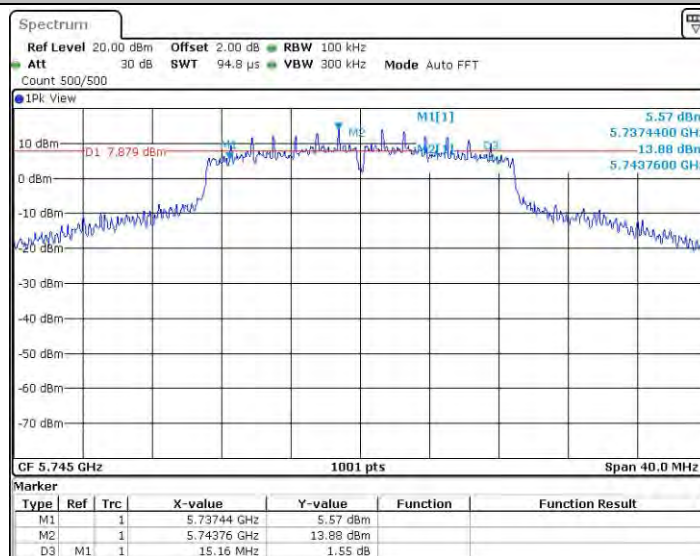
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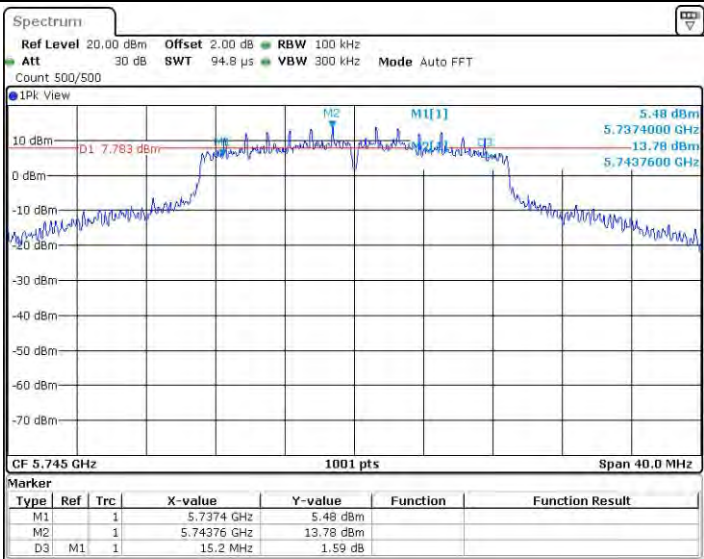
11N20SISO_Ant1_5745



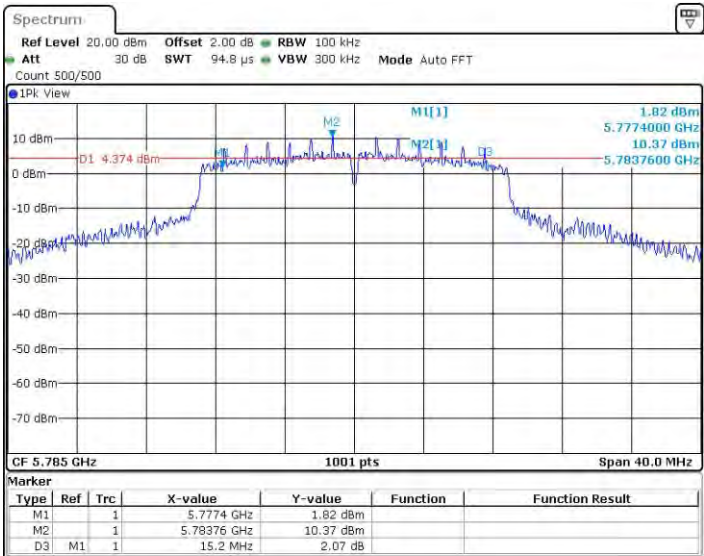
11N20SISO_Ant2_5745



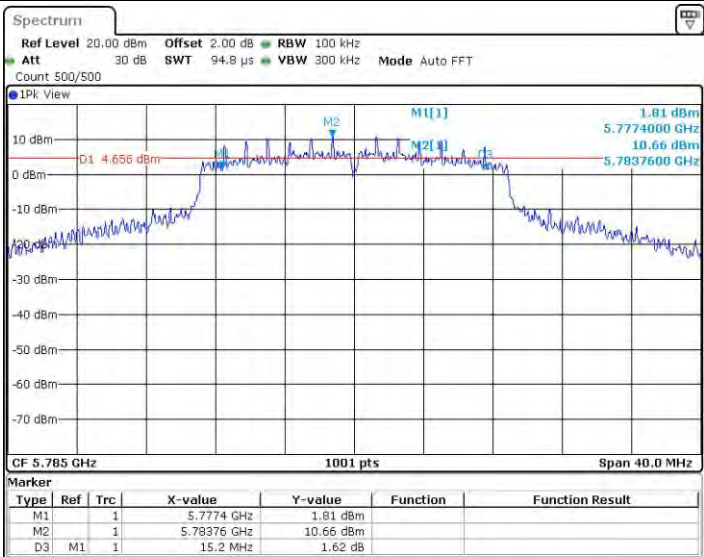
11N20SISO_Ant3_5745



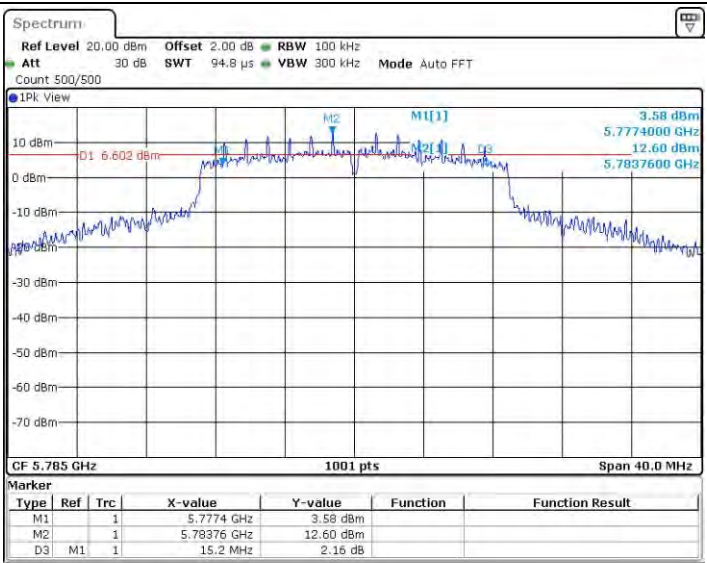
11N20SISO_Ant4_5745



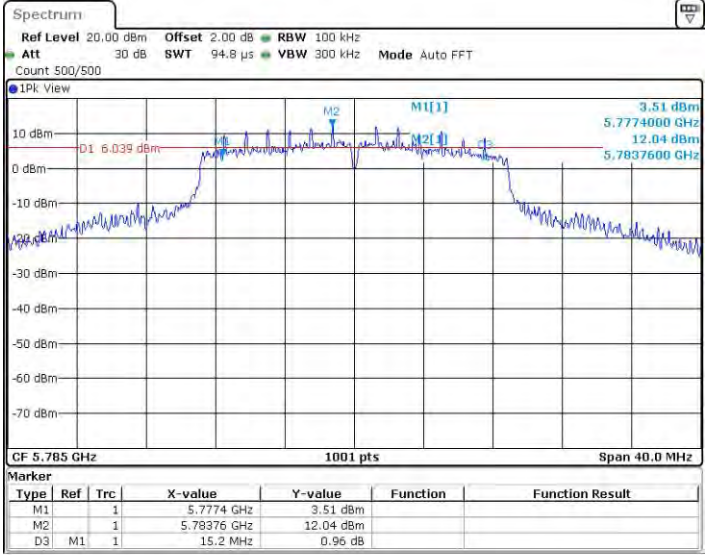
11N20SISO_Ant1_5785



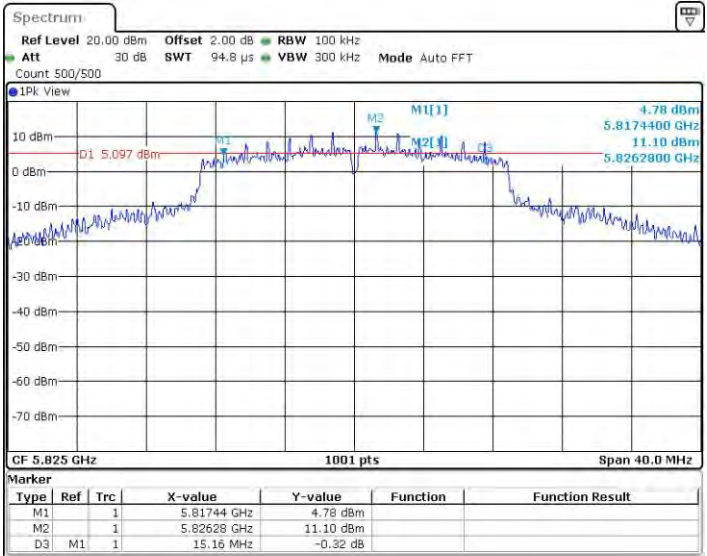
11N20SISO_Ant2_5785



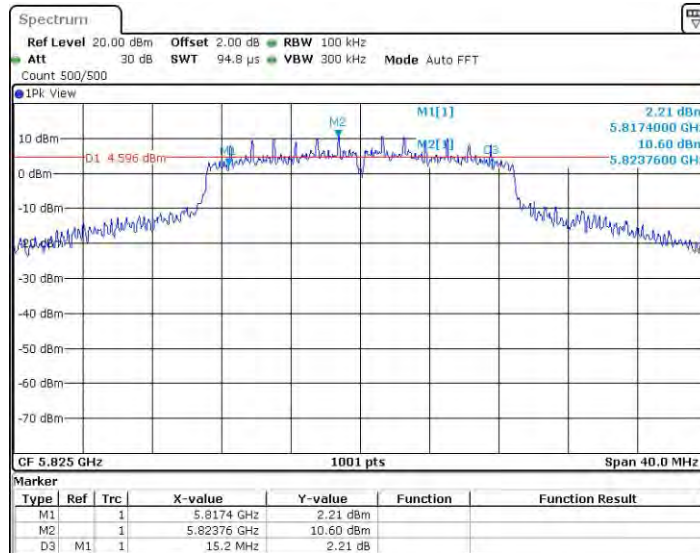
11N20SISO_Ant3_5785



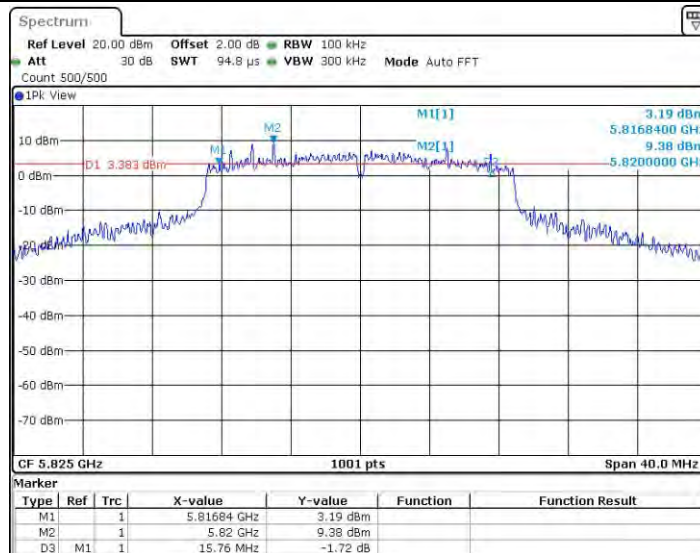
11N20SISO_Ant4_5785



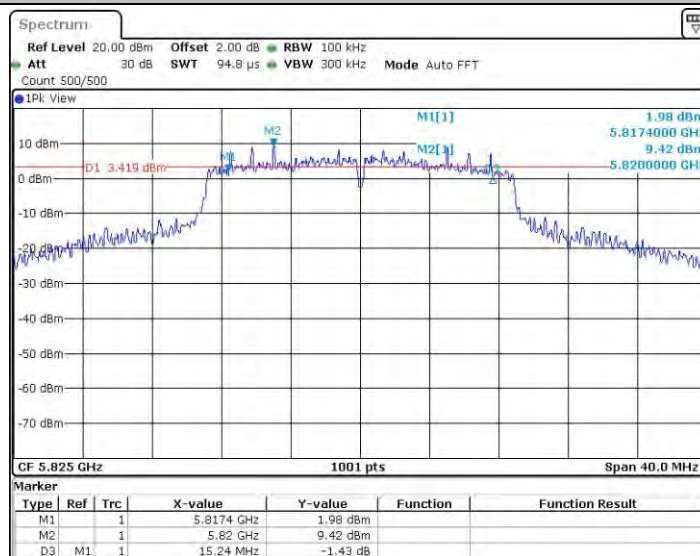
11N20SISO_Ant1_5825



11N20SISO_Ant2_5825

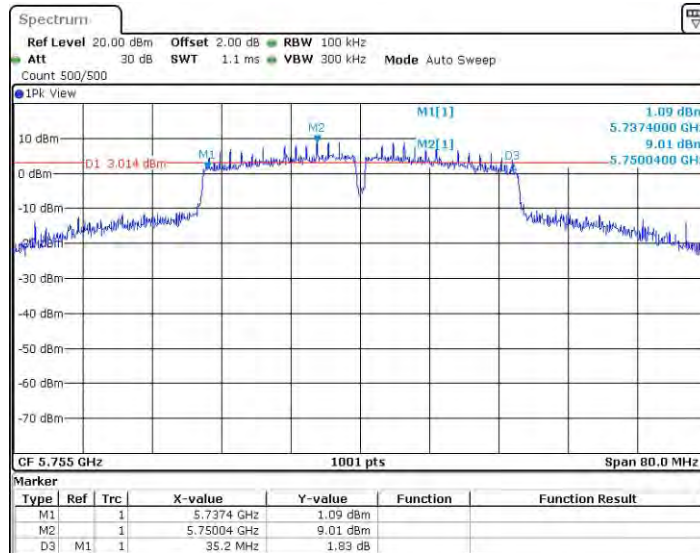


11N20SISO_Ant3_5825

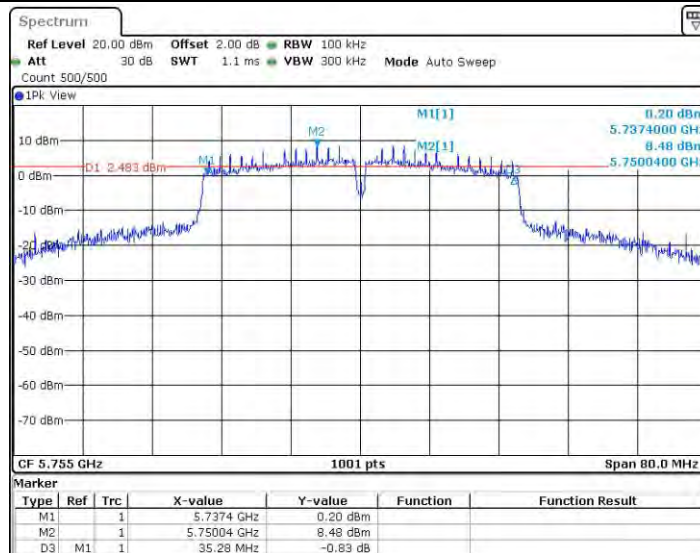


11N20SISO_Ant4_5825

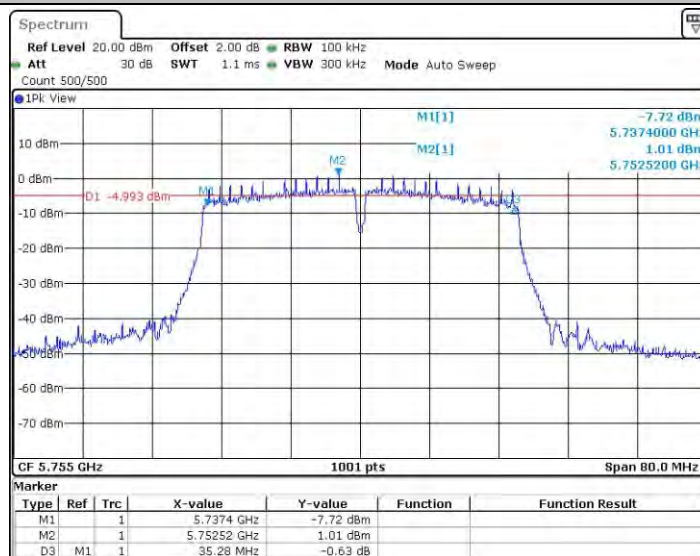
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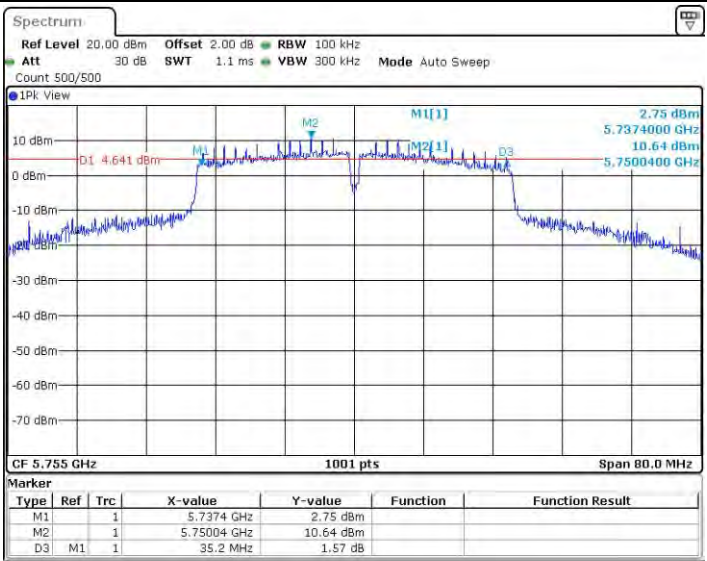
11N40SISO_Ant1_5755



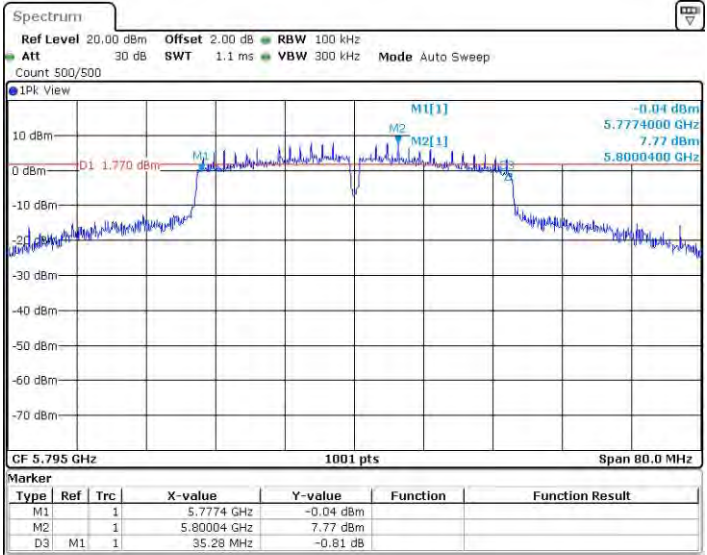
11N40SISO_Ant2_5755



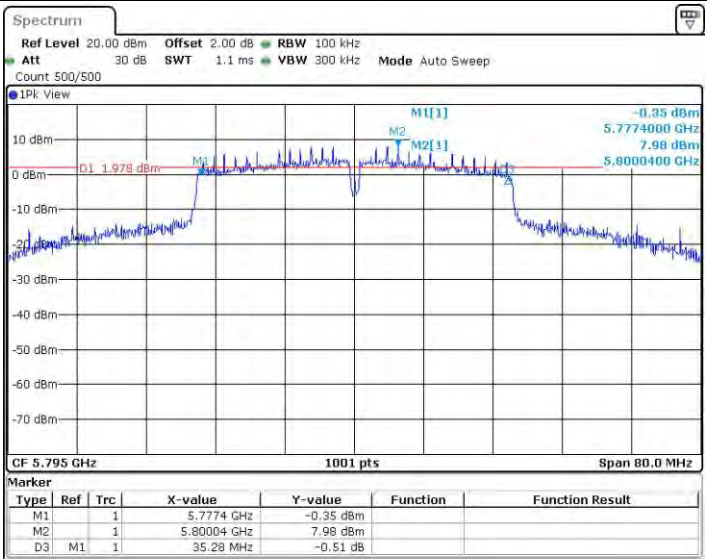
11N40SISO_Ant3_5755



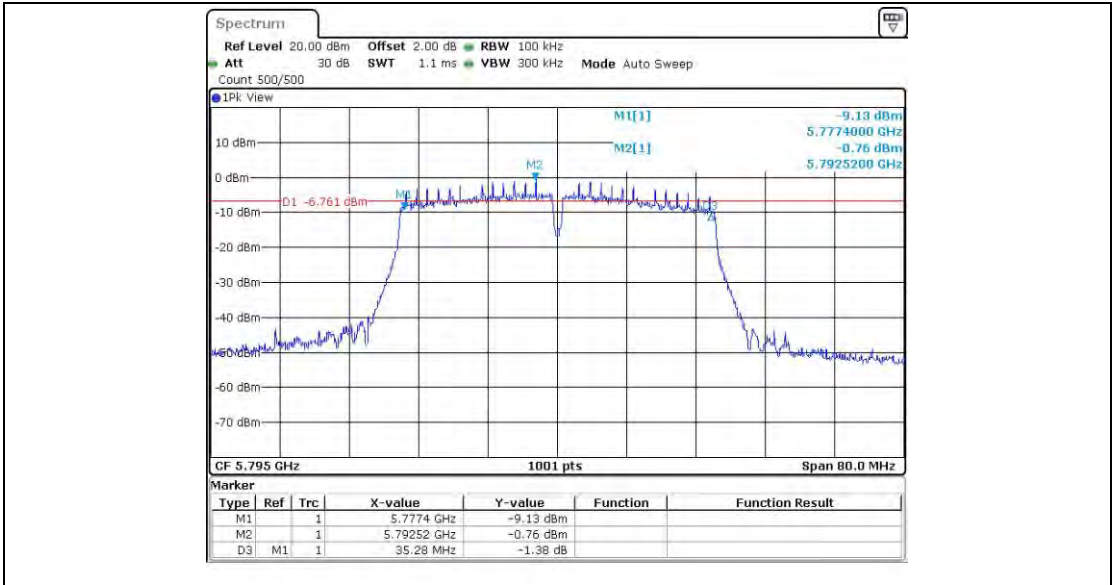
11N40SISO_Ant4_5755



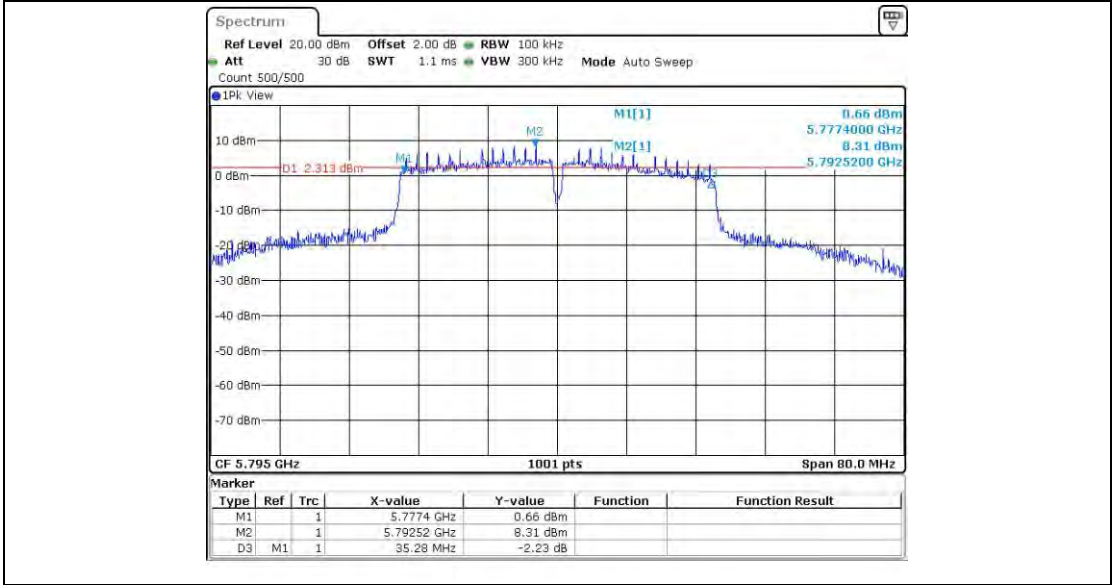
11N40SISO_Ant1_5795



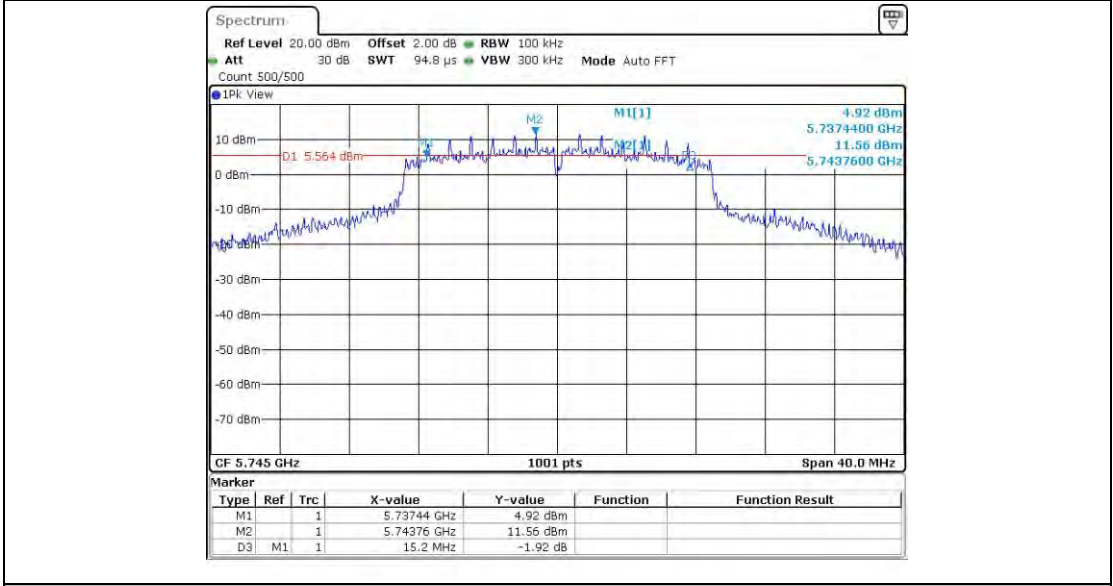
11N40SISO_Ant2_5795



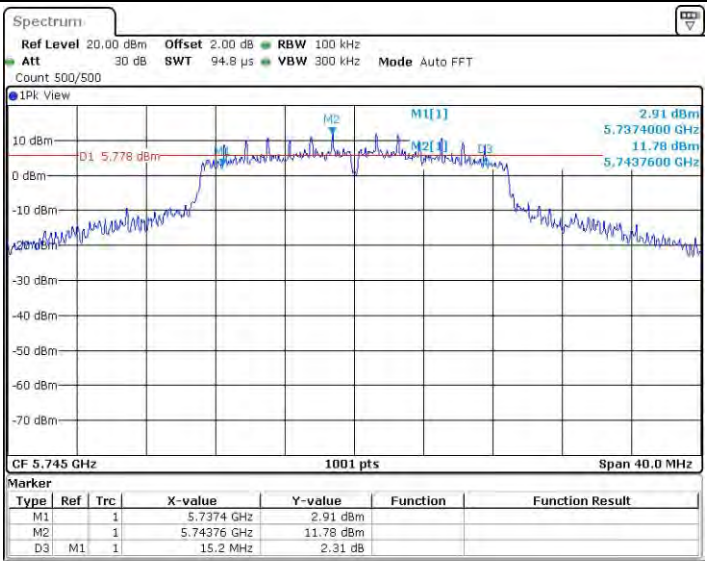
11N40SISO_Ant3_5795



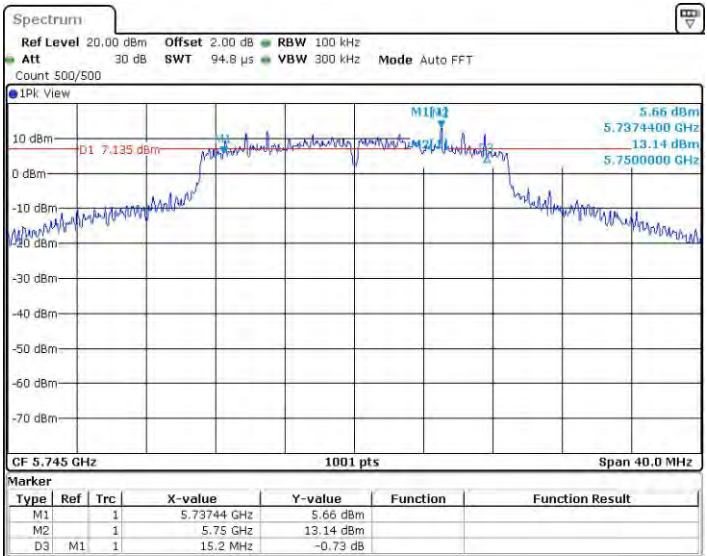
11N40SISO_Ant4_5795



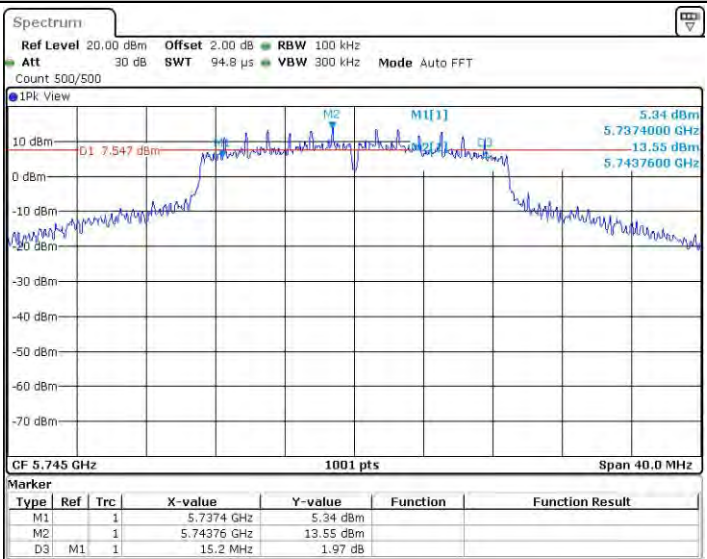
11AC20SISO_Ant1_5745



11AC20SISO_Ant2_5745

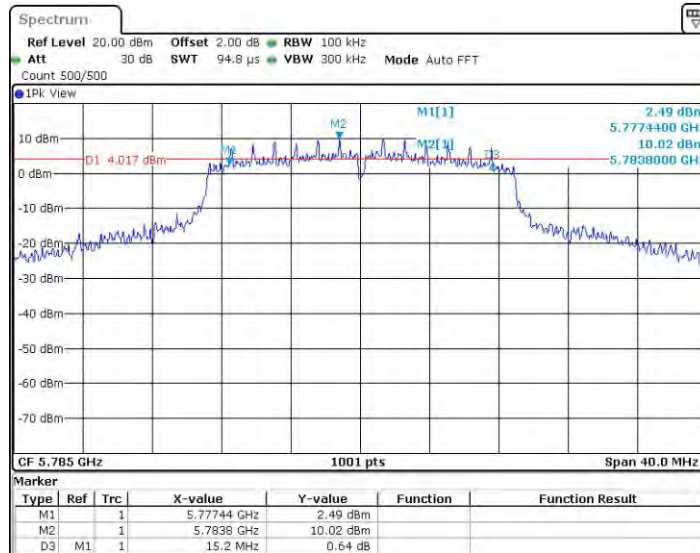


11AC20SISO_Ant3_5745

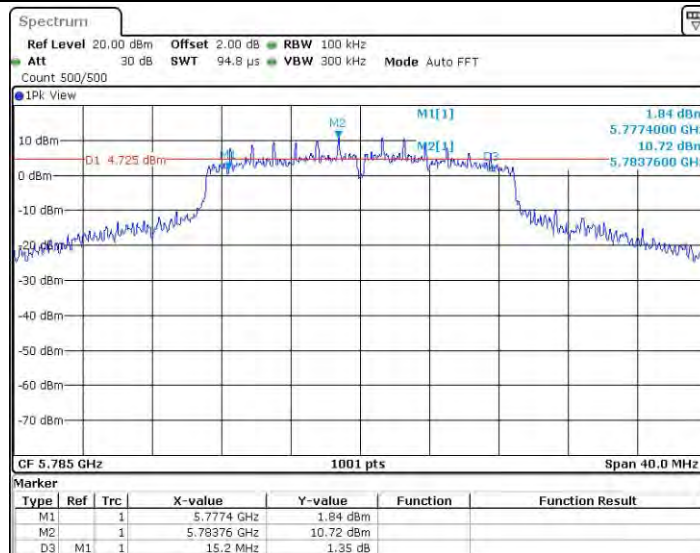


11AC20SISO_Ant4_5745

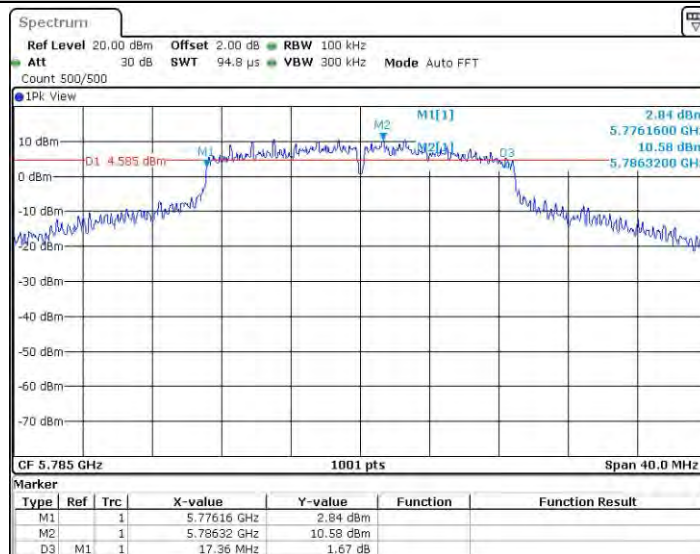
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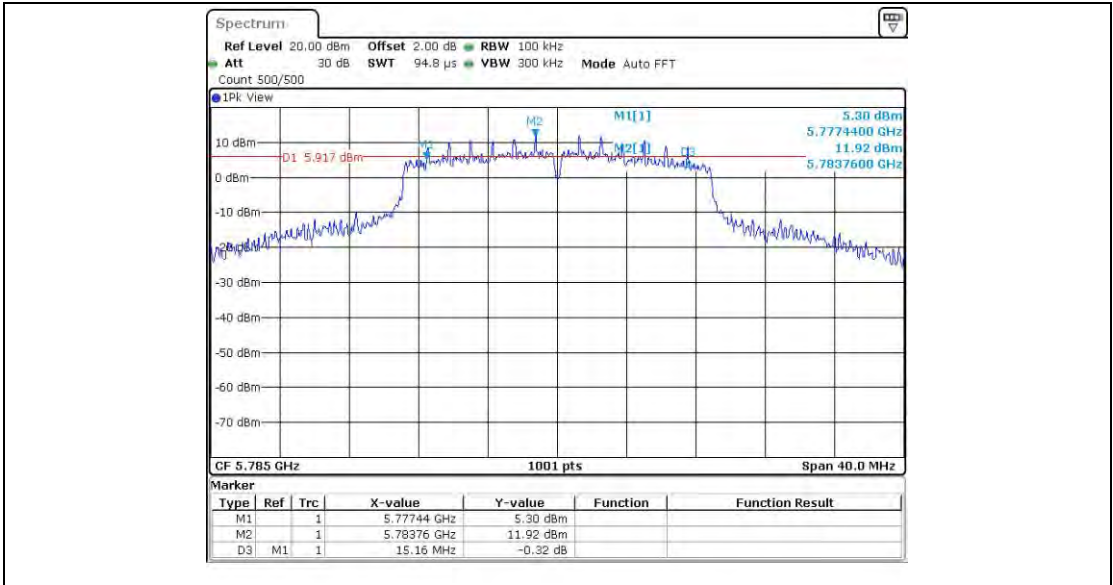
11AC20SISO_Ant1_5785



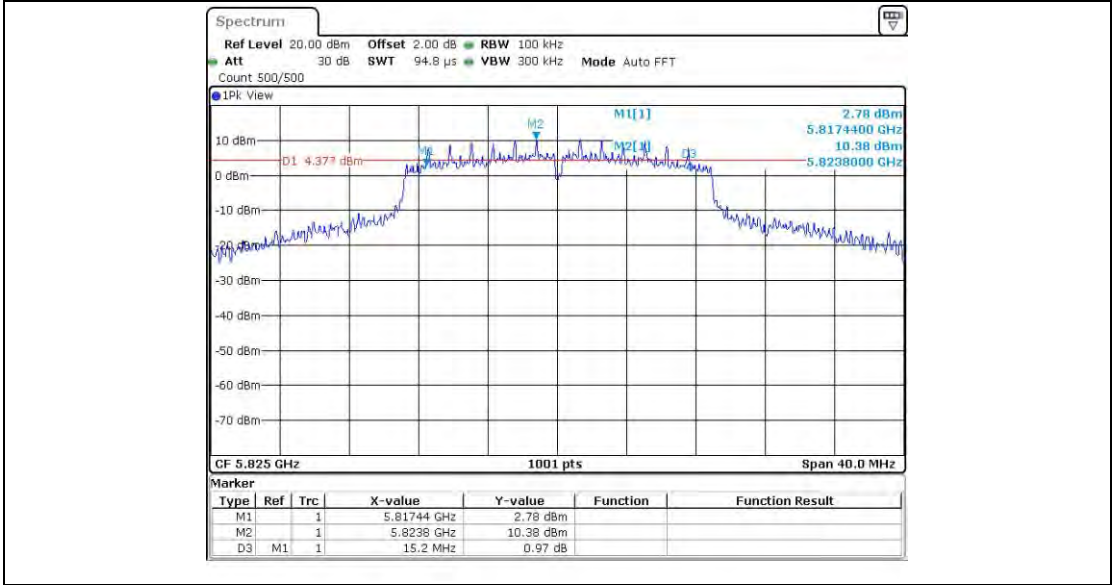
11AC20SISO_Ant2_5785



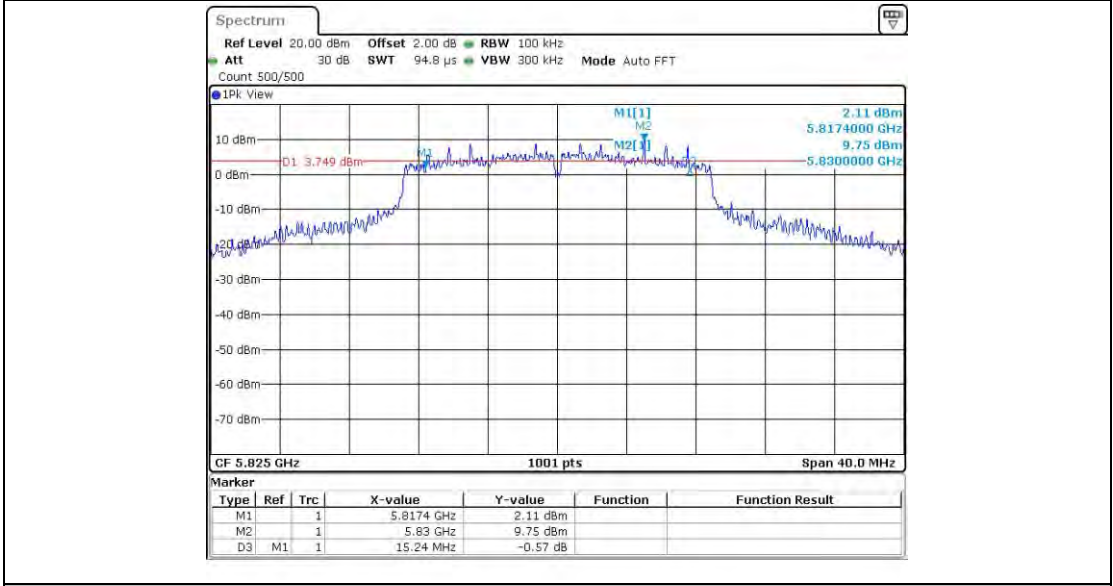
11AC20SISO_Ant3_5785



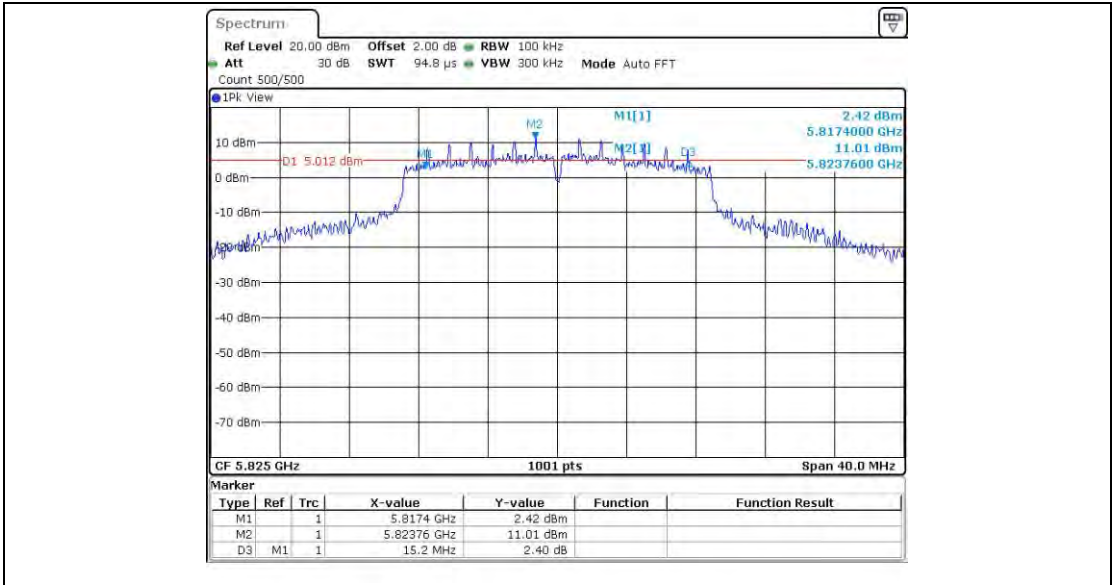
11AC20SISO_Ant4_5785



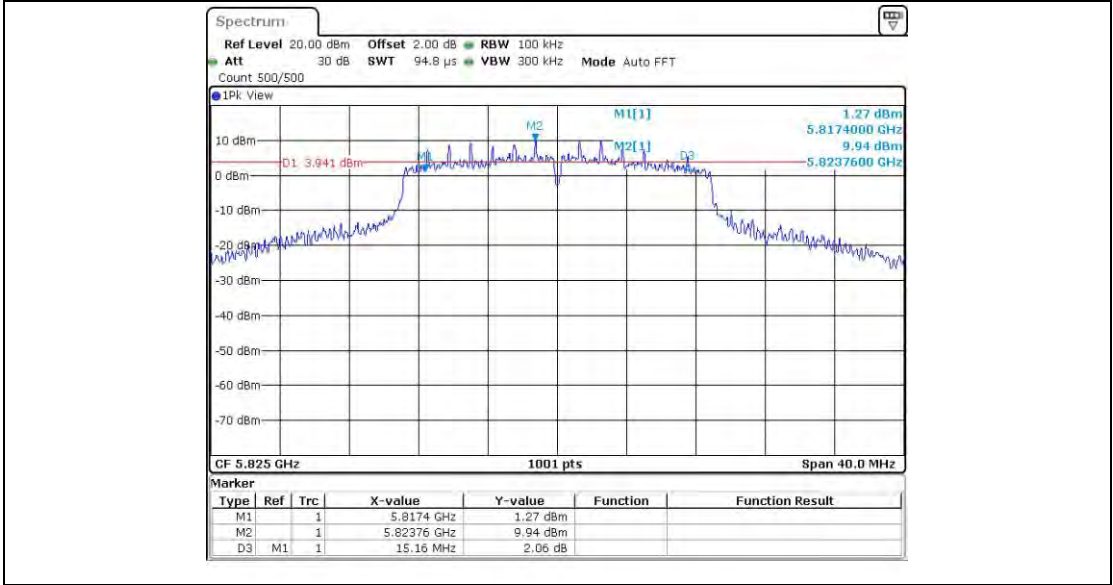
11AC20SISO_Ant1_5825



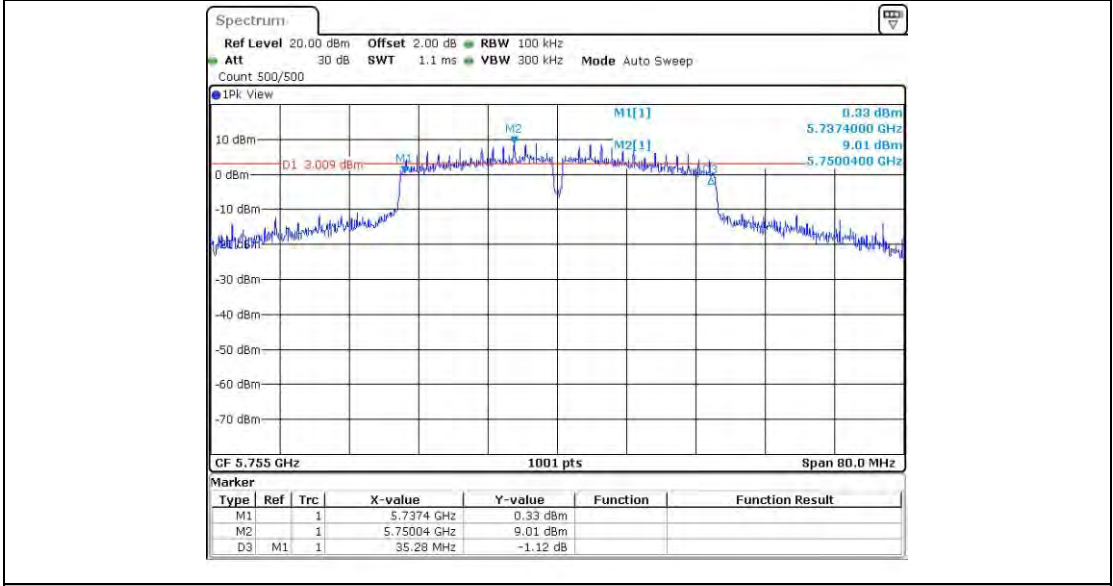
11AC20SISO_Ant2_5825



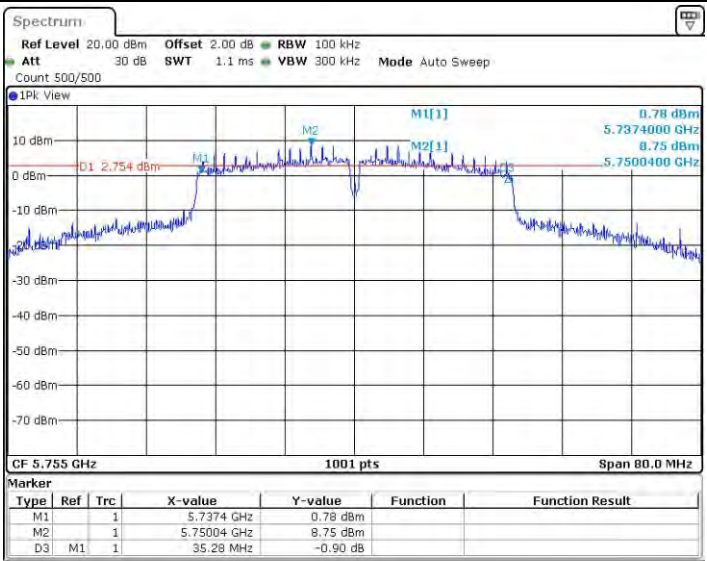
11AC20SISO_Ant3_5825



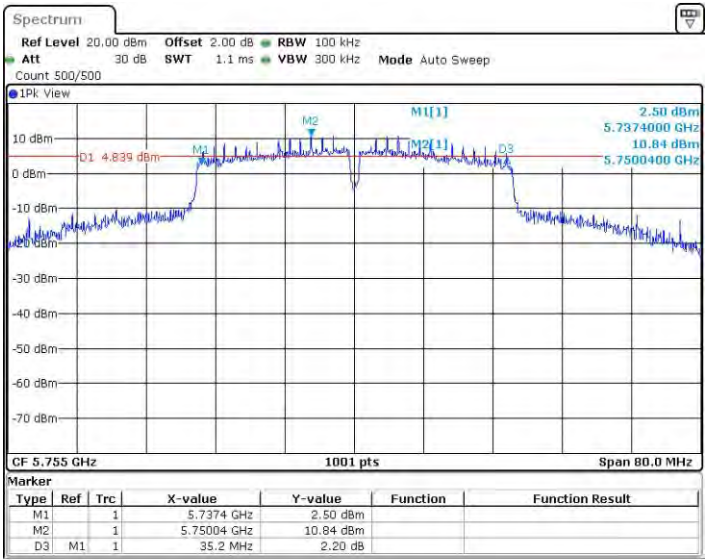
11AC20SISO_Ant4_5825



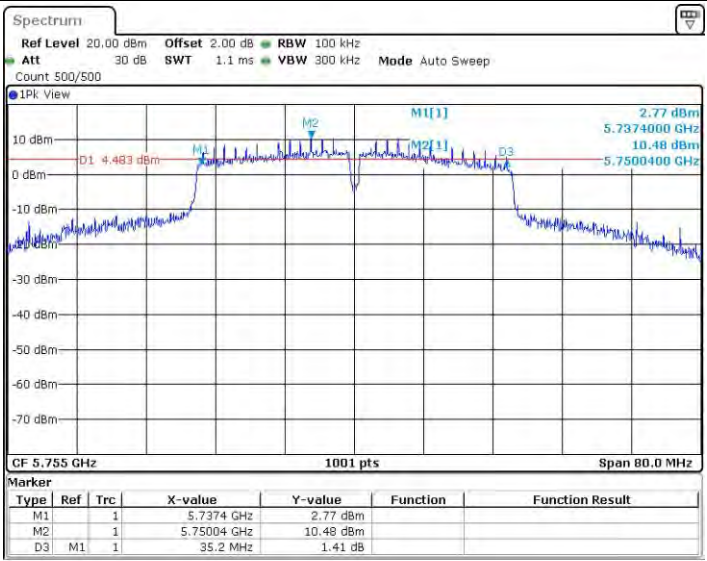
11AC40SISO_Ant1_5755



11AC40SISO_Ant2_5755

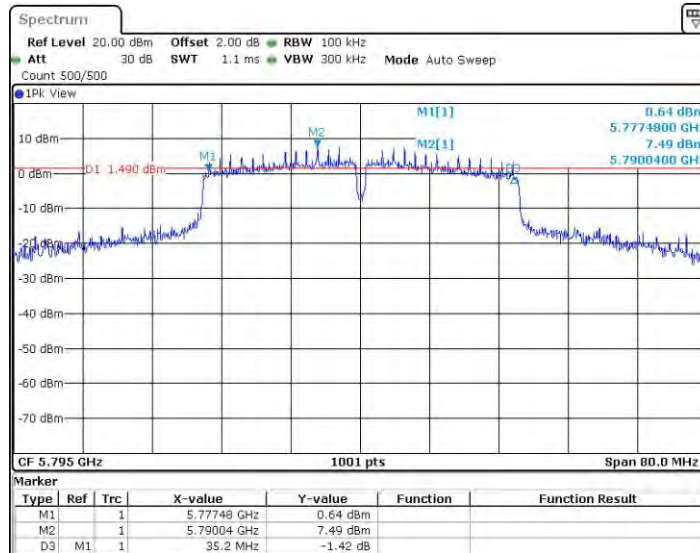


11AC40SISO_Ant3_5755

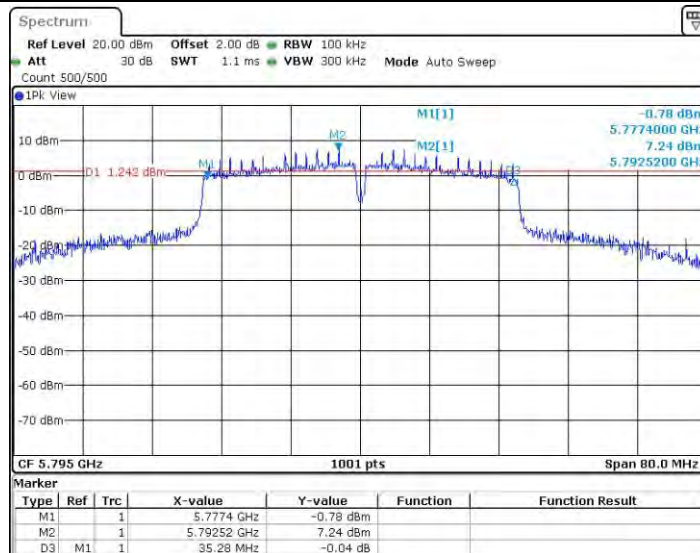


11AC40SISO_Ant4_5755

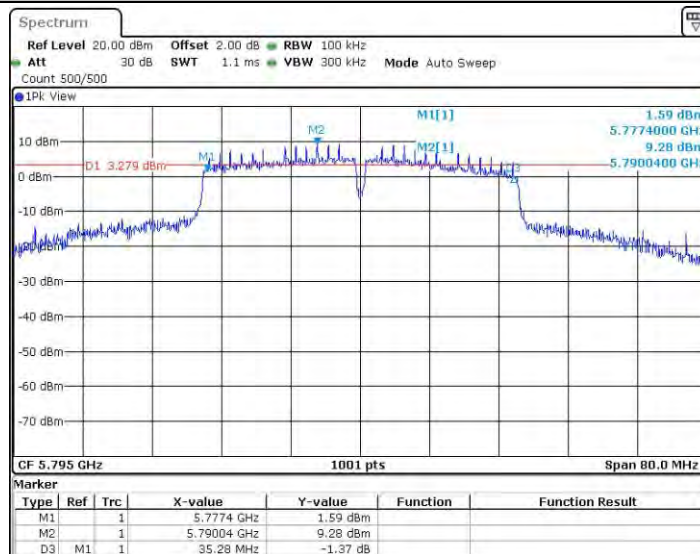
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11AC40SISO_Ant1_5795

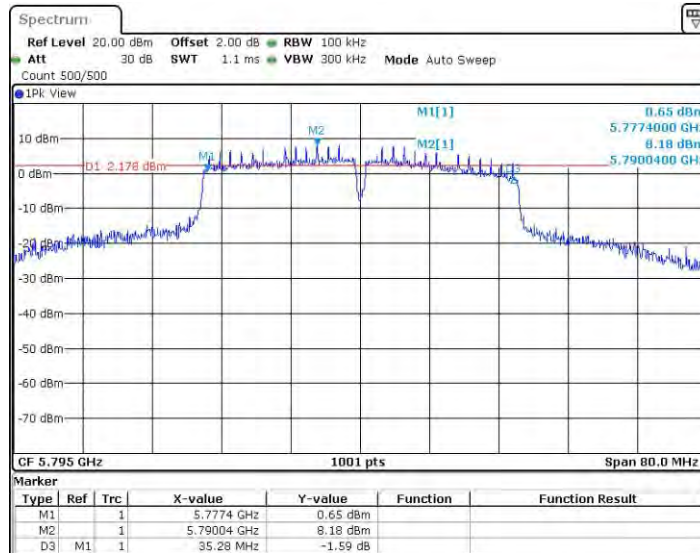


11AC40SISO_Ant2_5795

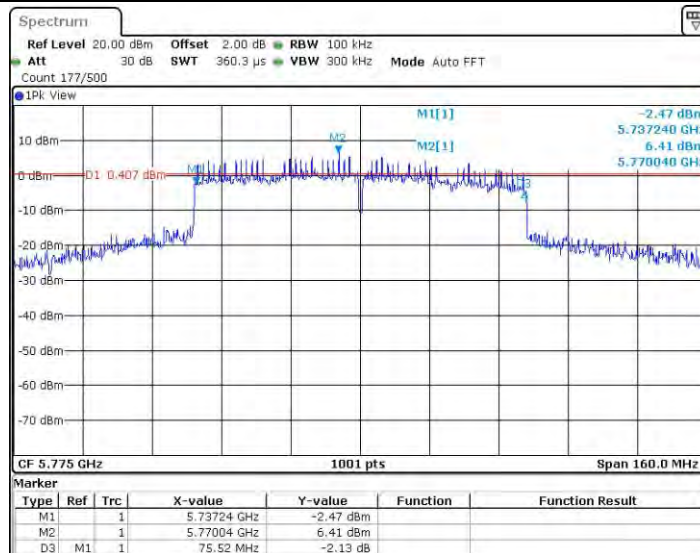


11AC40SISO_Ant3_5795

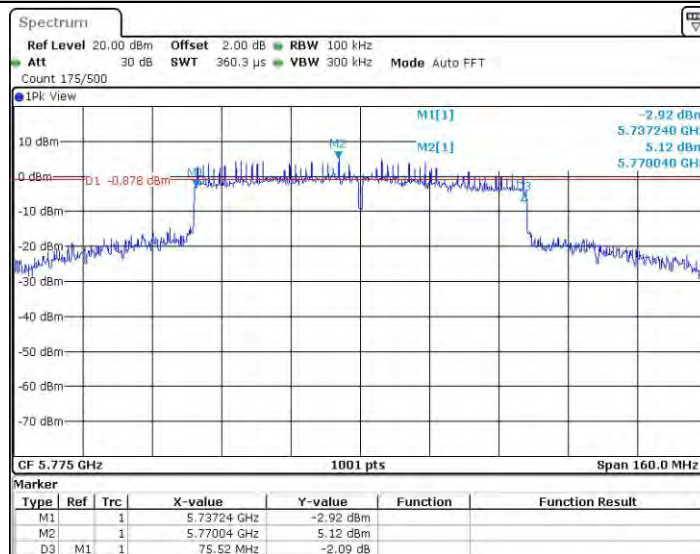
Appendix of 210304050SZN-005



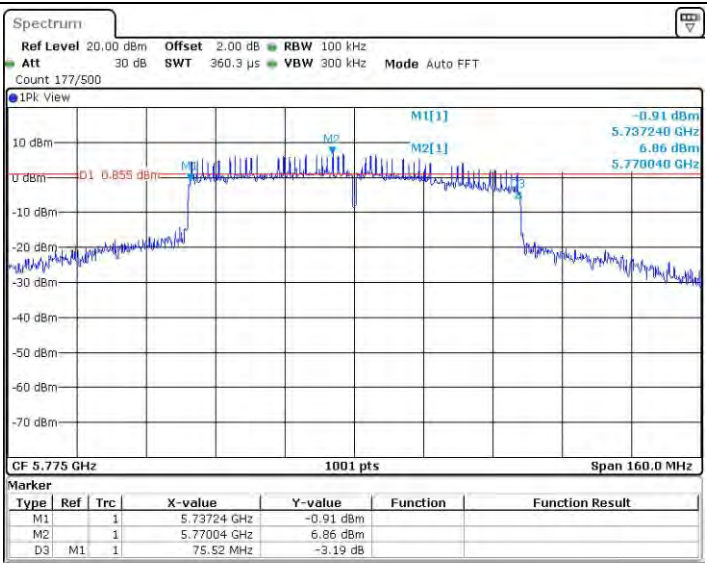
11AC40SISO_Ant4_5795



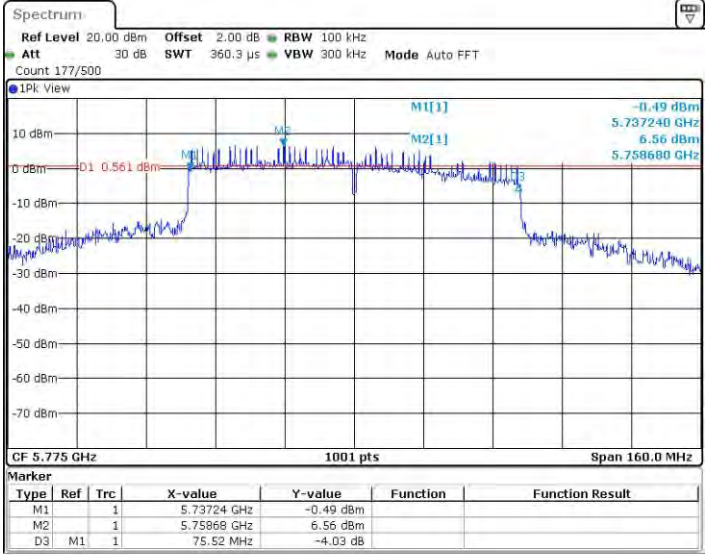
11AC80SISO_Ant1_5775



11AC80SISO_Ant2_5775



11AC80SISO_Ant3_5775



11AC80SISO_Ant4_5775

Appendix B1: Maximum conducted output power

Test Result

Model	Channel	Frequency (MHz)	Average Power(dBm) U-NII 1 SISO				Power Limit (dBm)	Verdict
			Ant 1	Ant 2	Ant 3	Ant 4		
11a	36	5180	24.02	23.56	21.24	22.01	30.00	PASS
	40	5200	24.57	23.21	21.56	21.11	30.00	PASS
	48	5240	25.19	24.70	23.16	22.87	30.00	PASS
11n20	36	5180	22.59	21.86	20.50	20.28	30.00	PASS
	40	5200	23.47	22.51	20.88	20.68	30.00	PASS
	48	5240	24.19	23.80	22.43	22.11	30.00	PASS
11n40	38	5190	23.68	22.35	20.33	20.95	30.00	PASS
	46	5230	24.50	23.59	21.85	22.09	30.00	PASS
11ac20	36	5180	24.43	22.44	19.91	20.41	30.00	PASS
	40	5200	25.60	22.90	20.20	20.75	30.00	PASS
	48	5240	25.15	24.00	21.75	22.10	30.00	PASS
11ac40	38	5190	24.28	22.05	20.37	20.73	30.00	PASS
	46	5230	25.51	23.55	22.05	22.00	30.00	PASS
11ac80	42	5210	25.31	23.70	21.93	21.75	30.00	PASS

Model	Channel	Frequency (MHz)	Average Power(dBm) U-NII 3 SISO				Power Limit (dBm)	Verdict
			Ant 1	Ant 2	Ant 3	Ant 4		
11a	149	5745	27.67	27.88	29.71	29.51	30.00	PASS
	157	5785	26.65	26.75	28.45	27.49	30.00	PASS
	165	5825	26.73	26.69	26.84	25.80	30.00	PASS
11n20	149	5745	26.39	26.86	28.46	28.88	30.00	PASS
	157	5785	25.26	25.81	27.19	27.19	30.00	PASS
	165	5825	26.08	25.82	25.82	25.08	30.00	PASS
11n40	151	5755	27.38	26.76	19.17	28.92	30.00	PASS
	159	5795	26.32	26.42	17.53	26.57	30.00	PASS
11ac20	149	5745	27.34	26.46	28.92	28.75	30.00	PASS
	157	5785	25.89	25.41	27.99	26.68	30.00	PASS
	165	5825	26.28	25.45	25.69	24.94	30.00	PASS
11ac40	151	5755	28.59	26.92	29.04	28.73	30.00	PASS
	159	5795	27.25	25.64	27.54	26.47	30.00	PASS
11ac80	155	5775	28.60	27.01	29.40	28.70	30.00	PASS

Appendix of 210304050SZN-005

Model	Channel	Frequency (MHz)	Average Power(dBm) U-NII 1 MIMO					Power Limit (dBm)	Verdict
			Ant 1	Ant 2	Ant 3	Ant 4	Total		
11n20	36	5180	20.99	19.76	18.39	18.55	25.57	30.00	PASS
	40	5200	21.39	19.78	18.50	18.91	25.81	30.00	PASS
	48	5240	21.40	20.63	20.07	20.27	26.64	30.00	PASS
11n40	38	5190	22.16	20.69	20.14	19.24	26.71	30.00	PASS
	46	5230	22.81	21.92	21.63	20.53	27.81	30.00	PASS
11ac20	36	5180	21.78	20.92	19.90	19.91	26.72	30.00	PASS
	40	5200	22.53	20.87	19.74	20.33	27.02	30.00	PASS
	48	5240	19.95	19.39	18.77	18.78	25.27	30.00	PASS
11ac40	38	5190	23.19	22.14	20.84	20.52	27.83	30.00	PASS
	46	5230	24.14	23.36	22.57	21.91	29.10	30.00	PASS
11ac80	42	5210	24.24	22.69	22.24	21.69	28.84	30.00	PASS

Model	Channel	Frequency (MHz)	Average Power(dBm) U-NII 3 MIMO					Power Limit (dBm)	Verdict
			Ant 1	Ant 2	Ant 3	Ant 4	Total		
11n20	149	5745	20.42	20.17	22.43	20.04	26.90	30.00	PASS
	157	5785	19.07	19.14	21.02	18.26	25.51	30.00	PASS
	165	5825	19.88	19.49	19.32	16.98	25.07	30.00	PASS
11n40	151	5755	21.00	20.96	22.91	20.95	27.56	30.00	PASS
	159	5795	19.83	20.01	21.25	18.77	26.07	30.00	PASS
11ac20	149	5745	21.37	22.12	23.63	22.04	28.40	30.00	PASS
	157	5785	20.17	20.84	21.91	19.85	26.79	30.00	PASS
	165	5825	20.60	21.04	20.15	18.31	26.16	30.00	PASS
11ac40	151	5755	22.64	21.59	23.60	22.38	28.64	30.00	PASS
	159	5795	21.38	21.29	21.94	19.97	27.23	30.00	PASS
11ac80	155	5775	22.11	21.71	23.44	22.00	28.39	30.00	PASS

Appendix of 210304050SZN-005

Model	Channel	Frequency (MHz)	Average Power(dBm) U-NII 1 Beamforming					Power Limit (dBm)	Verdict
			Ant 1	Ant 2	Ant 3	Ant 4	Total		
11n20	36	5180	18.36	17.88	16.93	15.51	23.32	25.32	PASS
	40	5200	17.54	16.15	14.63	15.00	22.00	25.32	PASS
	48	5240	17.64	17.11	16.02	16.23	22.82	25.32	PASS
11n40	38	5190	18.87	16.96	16.78	15.74	23.26	25.32	PASS
	46	5230	19.36	18.48	18.34	17.67	24.52	25.32	PASS
11ac20	36	5180	18.00	16.86	8.32	15.87	21.96	25.32	PASS
	40	5200	18.65	16.40	16.04	13.88	22.59	25.32	PASS
	48	5240	17.71	15.04	14.90	16.59	22.24	25.32	PASS
11ac40	38	5190	20.06	18.64	17.00	16.90	24.37	25.32	PASS
	46	5230	19.80	19.80	19.06	18.21	25.29	25.32	PASS
11ac80	42	5210	18.88	18.96	18.98	18.32	24.81	25.32	PASS

Model	Channel	Frequency (MHz)	Average Power(dBm) U-NII 3 Beamforming					Power Limit (dBm)	Verdict
			Ant 1	Ant 2	Ant 3	Ant 4	Total		
11an 20	149	5745	17.89	17.48	19.85	17.48	24.31	25.32	PASS
	157	5785	16.29	16.39	18.36	15.42	22.77	25.32	PASS
	165	5825	16.80	16.35	16.25	13.78	21.96	25.32	PASS
11an40	151	5755	17.07	16.12	19.21	17.11	23.55	25.32	PASS
	159	5795	15.65	15.77	17.30	14.95	22.02	25.32	PASS
11ac 20	149	5745	17.69	17.83	20.44	18.92	24.89	25.32	PASS
	157	5785	16.65	17.26	18.32	16.23	23.21	25.32	PASS
	165	5825	16.59	17.16	16.22	14.46	22.24	25.32	PASS
11ac40	151	5755	18.39	18.11	20.01	18.77	24.91	25.32	PASS
	159	5795	17.27	17.23	18.60	16.70	23.53	25.32	PASS
11ac80	155	5775	18.02	14.40	20.04	18.64	24.23	25.32	PASS

Appendix B2: Maximum EIRP output power

Test Result

Model	Channel	Frequency (MHz)	Average Power(dBm) U-NII 1 SISO				Power Limit (dBm)	Verdict
			Ant 1	Ant 2	Ant 3	Ant 4		
11a	36	5180	28.82	28.56	25.44	26.61	36.00	PASS
	40	5200	29.37	28.21	25.76	25.71	36.00	PASS
	48	5240	29.99	29.70	27.36	27.47	36.00	PASS
11n20	36	5180	27.39	26.86	24.70	24.88	36.00	PASS
	40	5200	28.27	27.51	25.08	25.28	36.00	PASS
	48	5240	28.99	28.80	26.63	26.71	36.00	PASS
11n40	38	5190	28.48	27.35	24.53	25.55	36.00	PASS
	46	5230	29.30	28.59	26.05	26.69	36.00	PASS
11ac20	36	5180	29.23	27.44	24.11	25.01	36.00	PASS
	40	5200	30.40	27.90	24.40	25.35	36.00	PASS
	48	5240	29.95	29.00	25.95	26.70	36.00	PASS
11ac40	38	5190	29.08	27.05	24.57	25.33	36.00	PASS
	46	5230	30.31	28.55	26.25	26.60	36.00	PASS
11ac80	42	5210	30.11	28.70	26.13	26.35	36.00	PASS

Model	Channel	Frequency (MHz)	Average Power(dBm) U-NII 3 SISO				Power Limit (dBm)	Verdict
			Ant 1	Ant 2	Ant 3	Ant 4		
11a	149	5745	32.47	32.88	33.91	34.11	36.00	PASS
	157	5785	31.45	31.75	32.65	32.09	36.00	PASS
	165	5825	31.53	31.69	31.04	30.40	36.00	PASS
11n20	149	5745	31.19	31.86	32.66	33.48	36.00	PASS
	157	5785	30.06	30.81	31.39	31.79	36.00	PASS
	165	5825	30.88	30.82	30.02	29.68	36.00	PASS
11n40	151	5755	32.18	31.76	23.37	33.52	36.00	PASS
	159	5795	31.12	31.42	21.73	31.17	36.00	PASS
11ac20	149	5745	32.14	31.46	33.12	33.35	36.00	PASS
	157	5785	30.69	30.41	32.19	31.28	36.00	PASS
	165	5825	31.08	30.45	29.89	29.54	36.00	PASS
11ac40	151	5755	33.39	31.92	33.24	33.33	36.00	PASS
	159	5795	32.05	30.64	31.74	31.07	36.00	PASS
11ac80	155	5775	33.40	32.01	33.60	33.30	36.00	PASS

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Model	Channel	Frequency (MHz)	Average Power(dBm) U-NII 1 MIMO	Power Limit (dBm)	Verdict
11n20	36	5180	30.57	36.00	PASS
	40	5200	30.81	36.00	PASS
	48	5240	31.64	36.00	PASS
11n40	38	5190	31.71	36.00	PASS
	46	5230	32.81	36.00	PASS
11ac20	36	5180	31.72	36.00	PASS
	40	5200	32.02	36.00	PASS
	48	5240	30.27	36.00	PASS
11ac40	38	5190	32.83	36.00	PASS
	46	5230	34.10	36.00	PASS
11ac80	42	5210	33.84	36.00	PASS

Model	Channel	Frequency (MHz)	Average Power(dBm) U-NII 3 MIMO	Power Limit (dBm)	Verdict
11n20	149	5745	31.90	36.00	PASS
	157	5785	30.51	36.00	PASS
	165	5825	30.07	36.00	PASS
11n40	151	5755	32.56	36.00	PASS
	159	5795	31.07	36.00	PASS
11ac20	149	5745	33.40	36.00	PASS
	157	5785	31.79	36.00	PASS
	165	5825	31.16	36.00	PASS
11ac40	151	5755	33.64	36.00	PASS
	159	5795	32.23	36.00	PASS
11ac80	155	5775	33.39	36.00	PASS

Appendix of 210304050SZN-005

Model	Channel	Frequency (MHz)	Average Power(dBm) U-NII 1 Beamforming	Power Limit (dBm)	Verdict
11n20	36	5180	34.00	36.00	PASS
	40	5200	32.68	36.00	PASS
	48	5240	33.50	36.00	PASS
11n40	38	5190	33.94	36.00	PASS
	46	5230	35.20	36.00	PASS
11ac20	36	5180	32.64	36.00	PASS
	40	5200	33.27	36.00	PASS
	48	5240	32.92	36.00	PASS
11ac40	38	5190	35.05	36.00	PASS
	46	5230	35.97	36.00	PASS
11ac80	42	5210	35.49	36.00	PASS

Model	Channel	Frequency (MHz)	Average Power(dBm) U-NII 3 Beamforming	Power Limit (dBm)	Verdict
11an 20	149	5745	34.99	36.00	PASS
	157	5785	33.45	36.00	PASS
	165	5825	32.64	36.00	PASS
11an40	151	5755	34.23	36.00	PASS
	159	5795	32.70	36.00	PASS
11ac 20	149	5745	35.57	36.00	PASS
	157	5785	33.89	36.00	PASS
	165	5825	32.92	36.00	PASS
11ac40	151	5755	35.59	36.00	PASS
	159	5795	34.21	36.00	PASS
11ac80	155	5775	34.91	36.00	PASS

Appendix C: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result	Limit	Verdict
11A	Ant1	5180	13.71	≤ 17	PASS
	Ant2	5180	13.39	≤ 17	PASS
	Ant3	5180	10.74	≤ 17	PASS
	Ant4	5180	11.48	≤ 17	PASS
	Ant1	5200	14.35	≤ 17	PASS
	Ant2	5200	13.21	≤ 17	PASS
	Ant3	5200	11.32	≤ 17	PASS
	Ant4	5200	10.3	≤ 17	PASS
	Ant1	5240	15.2	≤ 17	PASS
	Ant2	5240	14.72	≤ 17	PASS
	Ant3	5240	12.86	≤ 17	PASS
	Ant4	5240	12.39	≤ 17	PASS
	Ant1	5745	16.19	≤ 30	PASS
	Ant2	5745	16.51	≤ 30	PASS
	Ant3	5745	18.36	≤ 30	PASS
	Ant4	5745	17.55	≤ 30	PASS
	Ant1	5785	15.04	≤ 30	PASS
	Ant2	5785	15.3	≤ 30	PASS
	Ant3	5785	17.01	≤ 30	PASS
	Ant4	5785	15.48	≤ 30	PASS
	Ant1	5825	15.04	≤ 30	PASS
	Ant2	5825	15.52	≤ 30	PASS
	Ant3	5825	15.18	≤ 30	PASS
	Ant4	5825	14.26	≤ 30	PASS
11N20SISO	Ant1	5180	11.68	≤ 17	PASS
	Ant2	5180	11.01	≤ 17	PASS
	Ant3	5180	9.68	≤ 17	PASS
	Ant4	5180	9.36	≤ 17	PASS
	Ant1	5200	12.52	≤ 17	PASS
	Ant2	5200	11.63	≤ 17	PASS
	Ant3	5200	10.05	≤ 17	PASS
	Ant4	5200	9.97	≤ 17	PASS
	Ant1	5240	13.27	≤ 17	PASS
	Ant2	5240	12.94	≤ 17	PASS
	Ant3	5240	11.59	≤ 17	PASS
	Ant4	5240	11.07	≤ 17	PASS
	Ant1	5745	14.23	≤ 30	PASS
	Ant2	5745	14.68	≤ 30	PASS
	Ant3	5745	16.15	≤ 30	PASS
	Ant4	5745	16.63	≤ 30	PASS

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Test Mode	Antenna	Channel	Result	Limit	Verdict
	Ant1	5785	12.98	<=30	PASS
	Ant2	5785	13.41	<=30	PASS
	Ant3	5785	14.92	<=30	PASS
	Ant4	5785	14.58	<=30	PASS
	Ant1	5825	13.88	<=30	PASS
	Ant2	5825	13.48	<=30	PASS
	Ant3	5825	13.29	<=30	PASS
	Ant4	5825	12.88	<=30	PASS
11N40SISO	Ant1	5190	10.05	<=17	PASS
	Ant2	5190	8.53	<=17	PASS
	Ant3	5190	6.67	<=17	PASS
	Ant4	5190	7.12	<=17	PASS
	Ant1	5230	10.6	<=17	PASS
	Ant2	5230	9.95	<=17	PASS
	Ant3	5230	8.12	<=17	PASS
	Ant4	5230	8.26	<=17	PASS
	Ant1	5755	11.92	<=30	PASS
	Ant2	5755	11.25	<=30	PASS
	Ant3	5755	3.84	<=30	PASS
	Ant4	5755	13.54	<=30	PASS
	Ant1	5795	10.93	<=30	PASS
	Ant2	5795	10.71	<=30	PASS
	Ant3	5795	2.19	<=30	PASS
	Ant4	5795	11.08	<=30	PASS
11AC20SISO	Ant1	5180	14.33	<=17	PASS
	Ant2	5180	11.33	<=17	PASS
	Ant3	5180	9.05	<=17	PASS
	Ant4	5180	9.58	<=17	PASS
	Ant1	5200	15.58	<=17	PASS
	Ant2	5200	12.08	<=17	PASS
	Ant3	5200	9.34	<=17	PASS
	Ant4	5200	9.93	<=17	PASS
	Ant1	5240	14.81	<=17	PASS
	Ant2	5240	12.97	<=17	PASS
	Ant3	5240	10.82	<=17	PASS
	Ant4	5240	11.28	<=17	PASS
	Ant1	5745	15.79	<=30	PASS
	Ant2	5745	14.13	<=30	PASS
	Ant3	5745	16.76	<=30	PASS
	Ant4	5745	16.48	<=30	PASS
	Ant1	5785	14.45	<=30	PASS
	Ant2	5785	13.58	<=30	PASS
	Ant3	5785	15.49	<=30	PASS
	Ant4	5785	14.28	<=30	PASS

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Test Mode	Antenna	Channel	Result	Limit	Verdict
	Ant1	5825	14.76	<=30	PASS
	Ant2	5825	13.42	<=30	PASS
	Ant3	5825	13.6	<=30	PASS
	Ant4	5825	12.61	<=30	PASS
11AC40SISO	Ant1	5190	11.56	<=17	PASS
	Ant2	5190	8.23	<=17	PASS
	Ant3	5190	6.74	<=17	PASS
	Ant4	5190	6.82	<=17	PASS
	Ant1	5230	12.63	<=17	PASS
	Ant2	5230	9.6	<=17	PASS
	Ant3	5230	8.21	<=17	PASS
	Ant4	5230	7.96	<=17	PASS
	Ant1	5755	13.31	<=30	PASS
	Ant2	5755	11.35	<=30	PASS
	Ant3	5755	13.47	<=30	PASS
	Ant4	5755	13.44	<=30	PASS
	Ant1	5795	12.52	<=30	PASS
	Ant2	5795	10.07	<=30	PASS
	Ant3	5795	11.76	<=30	PASS
	Ant4	5795	10.99	<=30	PASS
11AC80SISO	Ant1	5210	8.49	<=17	PASS
	Ant2	5210	5.92	<=17	PASS
	Ant3	5210	4.15	<=17	PASS
	Ant4	5210	3.98	<=17	PASS
	Ant1	5775	10.48	<=30	PASS
	Ant2	5775	7.99	<=30	PASS
	Ant3	5775	10.47	<=30	PASS
	Ant4	5775	10.18	<=30	PASS
11N20MIMO	Ant1	5180	10.96	<=17	PASS
	Ant2	5180	9.34	<=17	PASS
	Ant3	5180	7.77	<=17	PASS
	Ant4	5180	8.2	<=17	PASS
	total	5180	15.27	<=17	PASS
	Ant1	5200	11.45	<=17	PASS
	Ant2	5200	8.91	<=17	PASS
	Ant3	5200	8.03	<=17	PASS
	Ant4	5200	8.14	<=17	PASS
	total	5200	15.39	<=17	PASS
	Ant1	5240	11.6	<=17	PASS
	Ant2	5240	10.11	<=17	PASS
	Ant3	5240	9.17	<=17	PASS
	Ant4	5240	9.73	<=17	PASS
	total	5240	16.27	<=17	PASS
	Ant1	5745	8.49	<=30	PASS

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Test Mode	Antenna	Channel	Result	Limit	Verdict
	Ant2	5745	8.52	<=30	PASS
	Ant3	5745	10.49	<=30	PASS
	Ant4	5745	7.96	<=30	PASS
	total	5745	15.00	<=30	PASS
	Ant1	5785	7.16	<=30	PASS
	Ant2	5785	7.21	<=30	PASS
	Ant3	5785	8.7	<=30	PASS
	Ant4	5785	5.96	<=30	PASS
	total	5785	13.39	<=30	PASS
	Ant1	5825	7.95	<=30	PASS
	Ant2	5825	7.92	<=30	PASS
	Ant3	5825	7.32	<=30	PASS
	Ant4	5825	4.52	<=30	PASS
	total	5825	13.15	<=30	PASS
11N40MIMO	Ant1	5190	8.74	<=17	PASS
	Ant2	5190	7.34	<=17	PASS
	Ant3	5190	7.21	<=17	PASS
	Ant4	5190	5.22	<=17	PASS
	total	5190	13.32	<=17	PASS
	Ant1	5230	9.59	<=17	PASS
	Ant2	5230	8.64	<=17	PASS
	Ant3	5230	8.83	<=17	PASS
	Ant4	5230	6.36	<=17	PASS
	total	5230	14.53	<=17	PASS
	Ant1	5755	6.18	<=30	PASS
	Ant2	5755	5.95	<=30	PASS
	Ant3	5755	8.14	<=30	PASS
	Ant4	5755	5.77	<=30	PASS
	total	5755	12.64	<=30	PASS
	Ant1	5795	4.85	<=30	PASS
	Ant2	5795	5.51	<=30	PASS
	Ant3	5795	6.27	<=30	PASS
	Ant4	5795	3.65	<=30	PASS
	total	5795	11.19	<=30	PASS
11AC20MIMO	Ant1	5180	11.45	<=17	PASS
	Ant2	5180	11.5	<=17	PASS
	Ant3	5180	10.26	<=17	PASS
	Ant4	5180	10.03	<=17	PASS
	total	5180	16.88	<=17	PASS
	Ant1	5200	12.24	<=17	PASS
	Ant2	5200	10	<=17	PASS
	Ant3	5200	8.88	<=17	PASS
	Ant4	5200	10.2	<=17	PASS
	total	5200	16.53	<=17	PASS

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Test Mode	Antenna	Channel	Result	Limit	Verdict
	Ant1	5240	9.32	<=17	PASS
	Ant2	5240	9.15	<=17	PASS
	Ant3	5240	9.47	<=17	PASS
	Ant4	5240	9.67	<=17	PASS
	total	5240	15.43	<=17	PASS
	Ant1	5745	9.78	<=30	PASS
	Ant2	5745	10.98	<=30	PASS
	Ant3	5745	11.82	<=30	PASS
	Ant4	5745	9.89	<=30	PASS
	total	5745	16.72	<=30	PASS
	Ant1	5785	8.37	<=30	PASS
	Ant2	5785	9.55	<=30	PASS
	Ant3	5785	9.75	<=30	PASS
	Ant4	5785	7.76	<=30	PASS
	total	5785	14.96	<=30	PASS
	Ant1	5825	8.87	<=30	PASS
	Ant2	5825	10.19	<=30	PASS
	Ant3	5825	8.27	<=30	PASS
	Ant4	5825	6.22	<=30	PASS
	total	5825	14.63	<=30	PASS
11AC40MIMO	Ant1	5190	10.36	<=17	PASS
	Ant2	5190	9.22	<=17	PASS
	Ant3	5190	7.74	<=17	PASS
	Ant4	5190	6.32	<=17	PASS
	total	5190	14.69	<=17	PASS
	Ant1	5230	10.94	<=17	PASS
	Ant2	5230	10.74	<=17	PASS
	Ant3	5230	10.08	<=17	PASS
	Ant4	5230	8.06	<=17	PASS
	total	5230	16.11	<=17	PASS
	Ant1	5755	8.2	<=30	PASS
	Ant2	5755	7.12	<=30	PASS
	Ant3	5755	9.27	<=30	PASS
	Ant4	5755	7.65	<=30	PASS
	total	5755	14.16	<=30	PASS
	Ant1	5795	6.77	<=30	PASS
	Ant2	5795	6.71	<=30	PASS
	Ant3	5795	7.16	<=30	PASS
	Ant4	5795	5.2	<=30	PASS
	total	5795	12.54	<=30	PASS
11AC80MIMO	Ant1	5210	7.33	<=17	PASS
	Ant2	5210	5.75	<=17	PASS
	Ant3	5210	5.08	<=17	PASS
	Ant4	5210	4.55	<=17	PASS

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Test Mode	Antenna	Channel	Result	Limit	Verdict
	total	5210	11.83	<=17	PASS
	Ant1	5775	3.66	<=30	PASS
	Ant2	5775	2.79	<=30	PASS
	Ant3	5775	5.2	<=30	PASS
	Ant4	5775	4.09	<=30	PASS
	total	5775	10.04	<=30	PASS
11N20BF	Ant1	5180	7.85	<=12.32	PASS
	Ant2	5180	7.46	<=12.32	PASS
	Ant3	5180	3.41	<=12.32	PASS
	Ant4	5180	3.55	<=12.32	PASS
	total	5180	12.07	<=12.32	PASS
	Ant1	5200	7.84	<=12.32	PASS
	Ant2	5200	6.27	<=12.32	PASS
	Ant3	5200	3.81	<=12.32	PASS
	Ant4	5200	4.48	<=12.32	PASS
	total	5200	11.91	<=12.32	PASS
	Ant1	5240	7.85	<=12.32	PASS
	Ant2	5240	7.09	<=12.32	PASS
	Ant3	5240	5.2	<=12.32	PASS
	Ant4	5240	3.86	<=12.32	PASS
	total	5240	12.29	<=12.32	PASS
	Ant1	5745	5.72	<=25.32	PASS
	Ant2	5745	5.55	<=25.32	PASS
	Ant3	5745	7.84	<=25.32	PASS
	Ant4	5745	5.42	<=25.32	PASS
	total	5745	12.28	<=25.32	PASS
	Ant1	5785	4.74	<=25.32	PASS
	Ant2	5785	4.52	<=25.32	PASS
	Ant3	5785	5.97	<=25.32	PASS
	Ant4	5785	3.13	<=25.32	PASS
	total	5785	10.73	<=25.32	PASS
	Ant1	5825	5.18	<=25.32	PASS
	Ant2	5825	4.75	<=25.32	PASS
	Ant3	5825	4.27	<=25.32	PASS
	Ant4	5825	1.76	<=25.32	PASS
	total	5825	10.19	<=25.32	PASS
11N40BF	Ant1	5190	5.69	<=12.32	PASS
	Ant2	5190	3.69	<=12.32	PASS
	Ant3	5190	3.45	<=12.32	PASS
	Ant4	5190	2.13	<=12.32	PASS
	total	5190	9.95	<=12.32	PASS
	Ant1	5230	6.46	<=12.32	PASS
	Ant2	5230	5.06	<=12.32	PASS
	Ant3	5230	5.51	<=12.32	PASS

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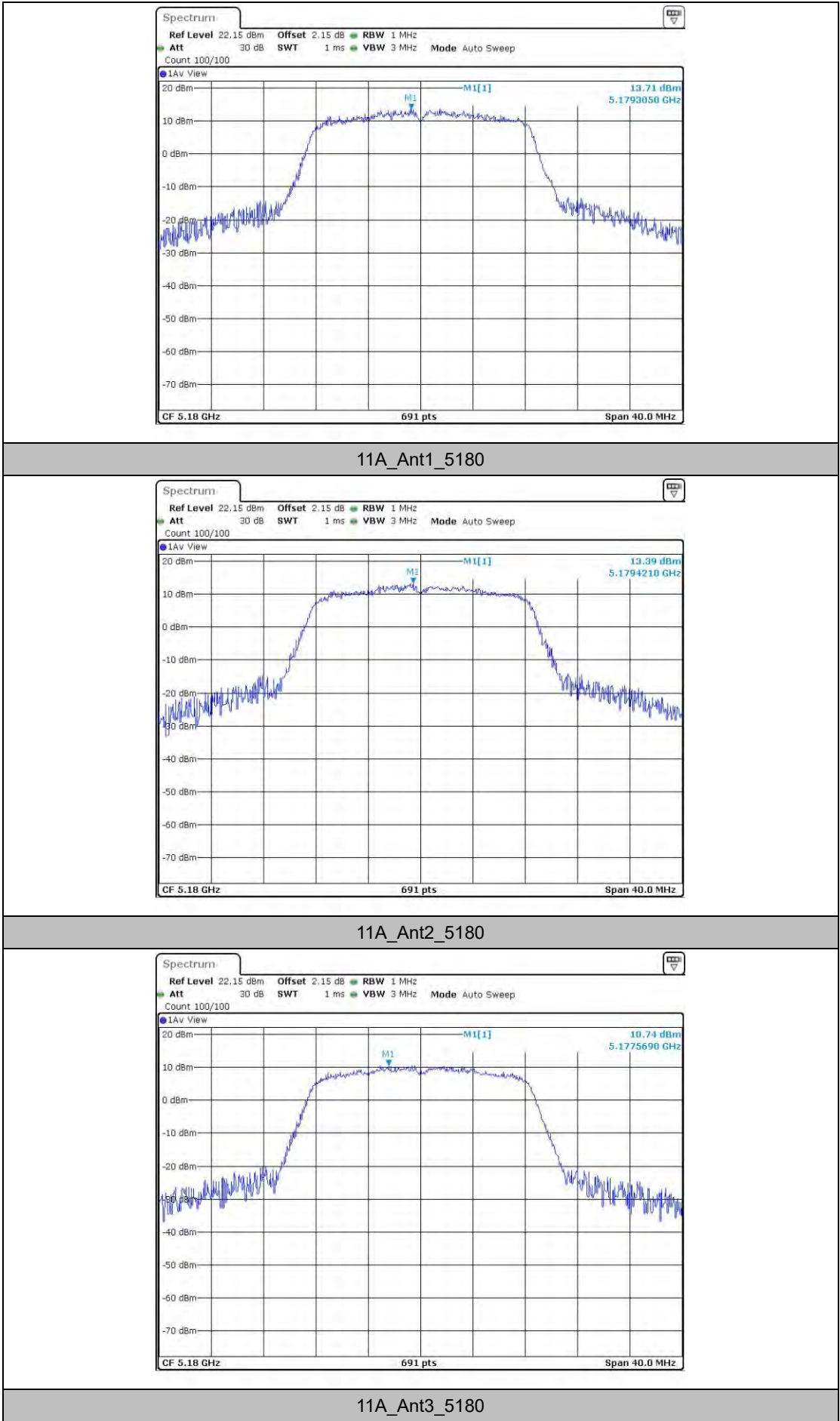
Test Mode	Antenna	Channel	Result	Limit	Verdict
	Ant4	5230	3.89	<=12.32	PASS
	total	5230	11.35	<=12.32	FAIL
	Ant1	5755	2.29	<=25.32	PASS
	Ant2	5755	0.99	<=25.32	PASS
	Ant3	5755	4.52	<=25.32	PASS
	Ant4	5755	1.7	<=25.32	PASS
	total	5755	8.61	<=25.32	PASS
	Ant1	5795	0.77	<=25.32	PASS
	Ant2	5795	0.73	<=25.32	PASS
	Ant3	5795	2.68	<=25.32	PASS
	Ant4	5795	-0.52	<=25.32	PASS
	total	5795	7.09	<=25.32	PASS
11AC20BF	Ant1	5180	7.24	<=12.32	PASS
	Ant2	5180	6.18	<=12.32	PASS
	Ant3	5180	-2.26	<=12.32	PASS
	Ant4	5180	5.4	<=12.32	PASS
	total	5180	11.31	<=12.32	PASS
	Ant1	5200	8.53	<=12.32	PASS
	Ant2	5200	5.43	<=12.32	PASS
	Ant3	5200	5.56	<=12.32	PASS
	Ant4	5200	3.23	<=12.32	PASS
	total	5200	12.13	<=12.32	PASS
	Ant1	5240	7.28	<=12.32	PASS
	Ant2	5240	6.39	<=12.32	PASS
	Ant3	5240	4.36	<=12.32	PASS
	Ant4	5240	5.42	<=12.32	PASS
	total	5240	12.02	<=12.32	PASS
	Ant1	5745	6.12	<=25.32	PASS
	Ant2	5745	6.55	<=25.32	PASS
	Ant3	5745	8.83	<=25.32	PASS
	Ant4	5745	6.96	<=25.32	PASS
	total	5745	13.27	<=25.32	PASS
	Ant1	5785	5.07	<=25.32	PASS
	Ant2	5785	6.05	<=25.32	PASS
	Ant3	5785	6.54	<=25.32	PASS
	Ant4	5785	4.06	<=25.32	PASS
	total	5785	11.55	<=25.32	PASS
	Ant1	5825	5.17	<=25.32	PASS
	Ant2	5825	6.36	<=25.32	PASS
	Ant3	5825	4.41	<=25.32	PASS
	Ant4	5825	2.1	<=25.32	PASS
	total	5825	10.79	<=25.32	PASS
11AC40BF	Ant1	5190	6.44	<=12.32	PASS
	Ant2	5190	5.73	<=12.32	PASS

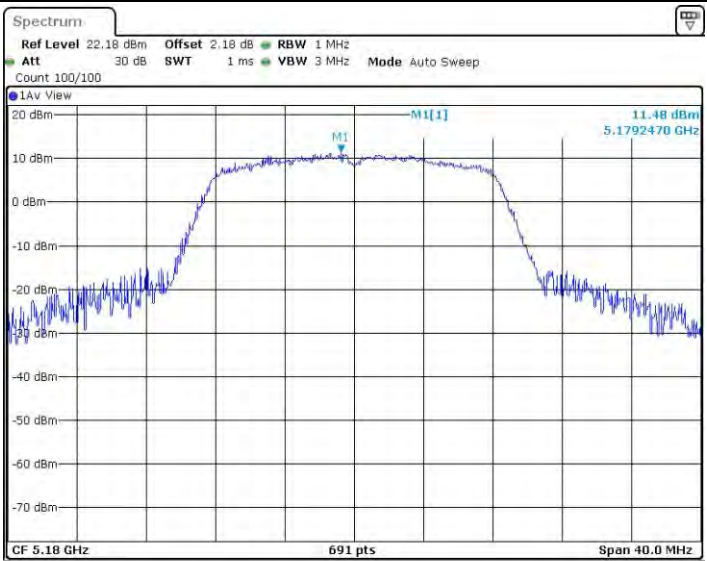
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Test Mode	Antenna	Channel	Result	Limit	Verdict
	Ant3	5190	4.34	≤ 12.32	PASS
	Ant4	5190	3.11	≤ 12.32	PASS
	total	5190	11.11	≤ 12.32	PASS
	Ant1	5230	7.18	≤ 12.32	PASS
	Ant2	5230	6.56	≤ 12.32	PASS
	Ant3	5230	6.37	≤ 12.32	PASS
	Ant4	5230	3.97	≤ 12.32	PASS
	total	5230	12.20	≤ 12.32	PASS
	Ant1	5755	3.79	≤ 25.32	PASS
	Ant2	5755	3.69	≤ 25.32	PASS
	Ant3	5755	5.78	≤ 25.32	PASS
	Ant4	5755	3.48	≤ 25.32	PASS
	total	5755	10.31	≤ 25.32	PASS
	Ant1	5795	2.39	≤ 25.32	PASS
	Ant2	5795	2.59	≤ 25.32	PASS
	Ant3	5795	3.97	≤ 25.32	PASS
	Ant4	5795	1.6	≤ 25.32	PASS
	total	5795	8.74	≤ 25.32	PASS
11AC80BF	Ant1	5210	3.57	≤ 12.32	PASS
	Ant2	5210	2.96	≤ 12.32	PASS
	Ant3	5210	1.93	≤ 12.32	PASS
	Ant4	5210	1.18	≤ 12.32	PASS
	total	5210	8.53	≤ 12.32	PASS
	Ant1	5775	-0.53	≤ 25.32	PASS
	Ant2	5775	-4.28	≤ 25.32	PASS
	Ant3	5775	1.73	≤ 25.32	PASS
	Ant4	5775	-0.1	≤ 25.32	PASS
	total	5775	5.71	≤ 25.32	PASS

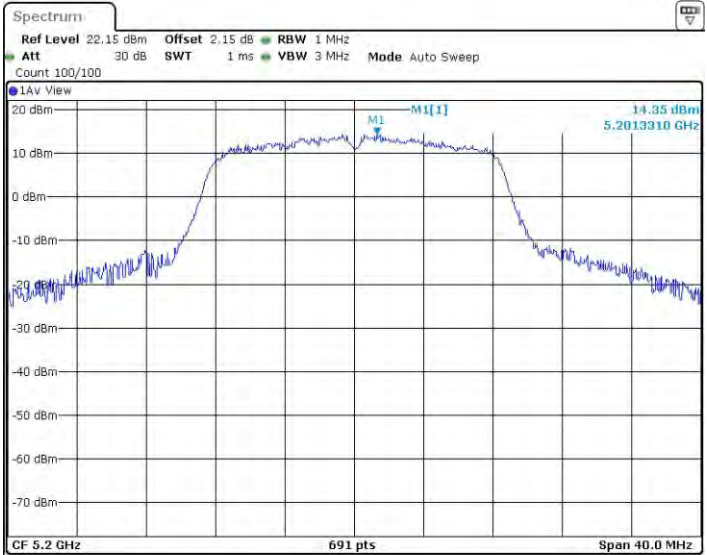
Note: The Duty Cycle Factor is compensated in the graph.

Test Graphs

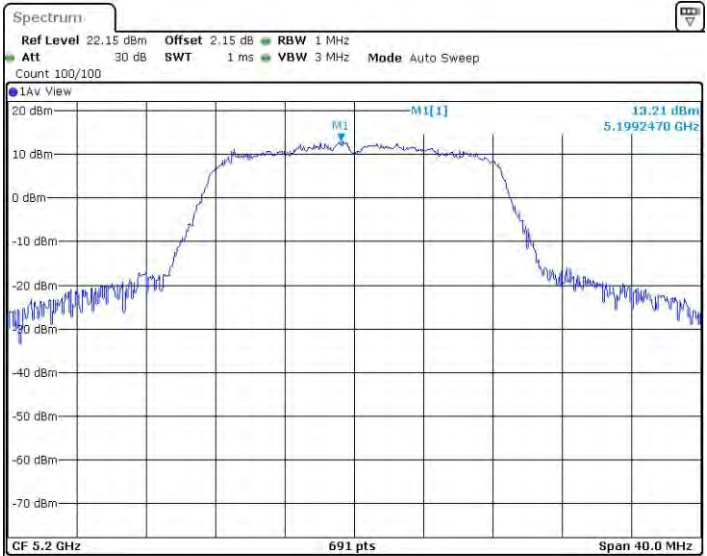




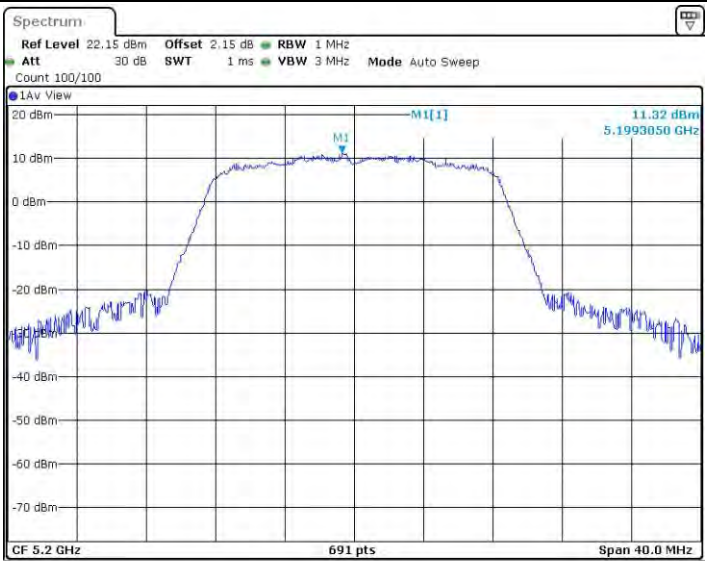
11A_Ant4_5180



11A_Ant1_5200



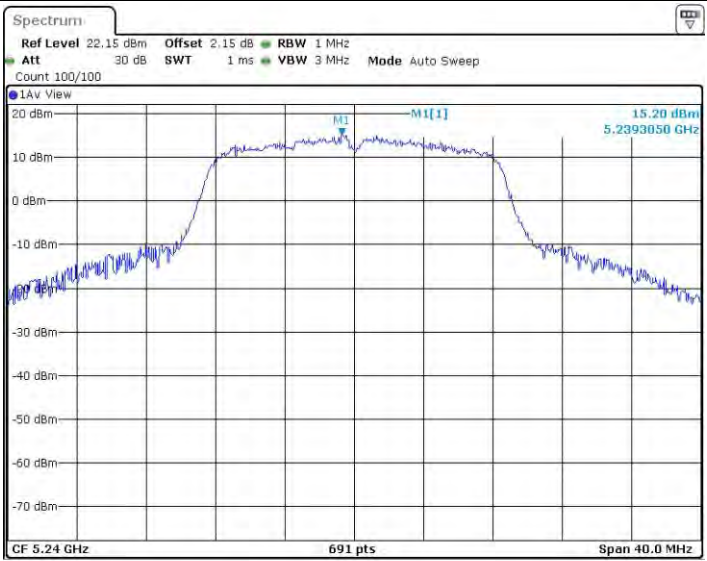
11A_Ant2_5200



11A_Ant3_5200



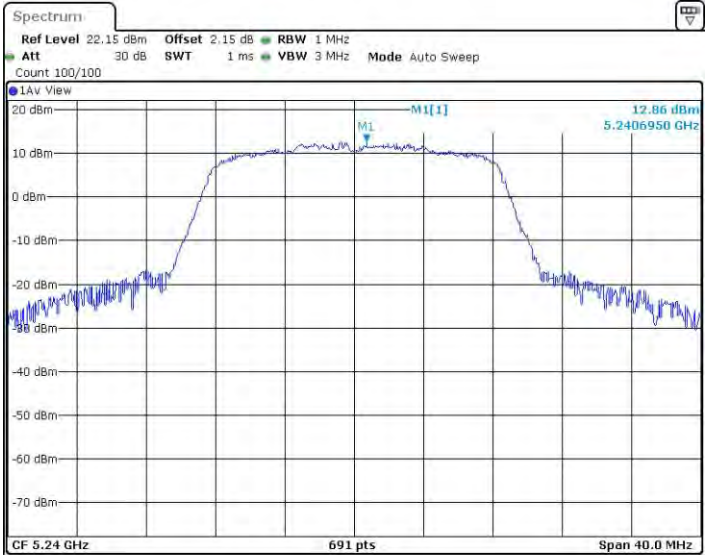
11A_Ant4_5200



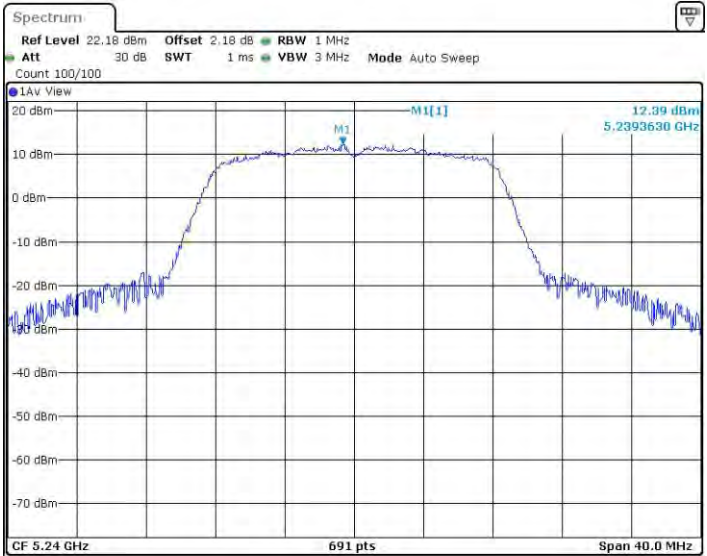
11A_Ant1_5240



11A_Ant2_5240



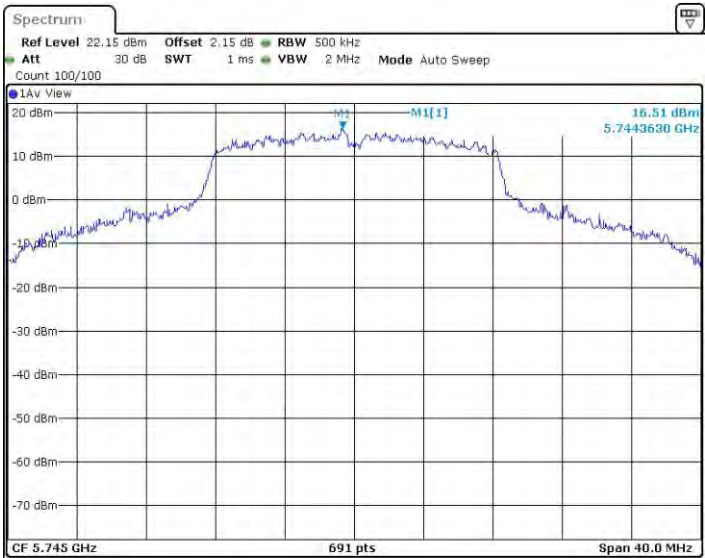
11A_Ant3_5240



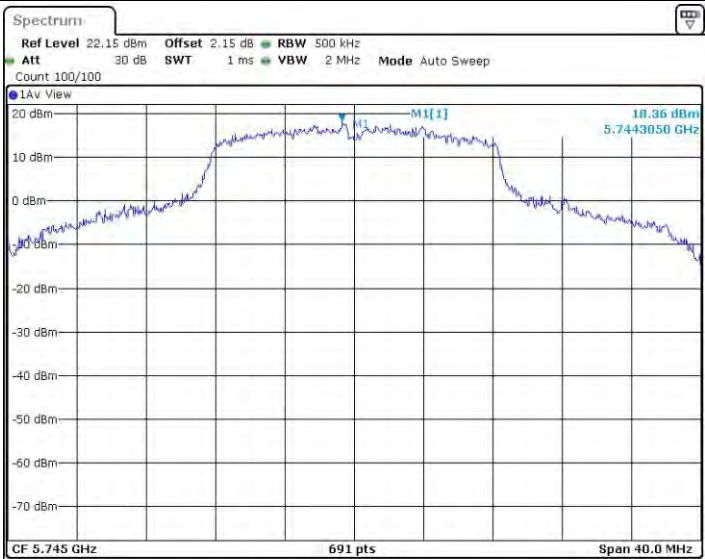
11A_Ant4_5240



11A_Ant1_5745



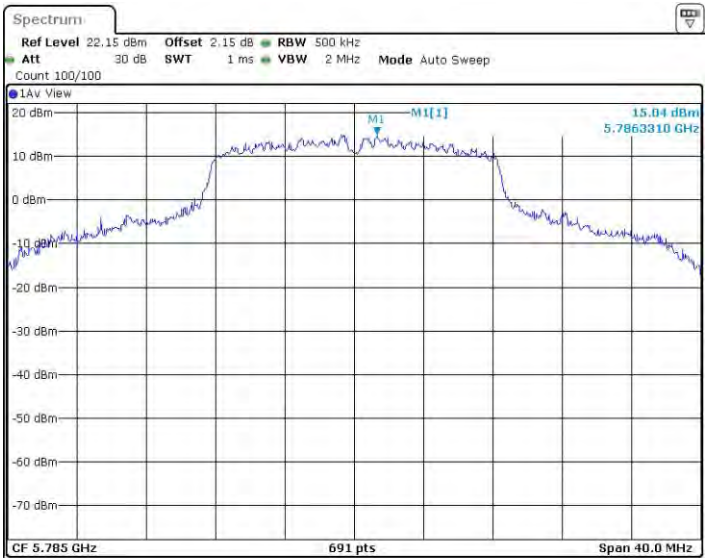
11A_Ant2_5745



11A_Ant3_5745



11A_Ant4_5745



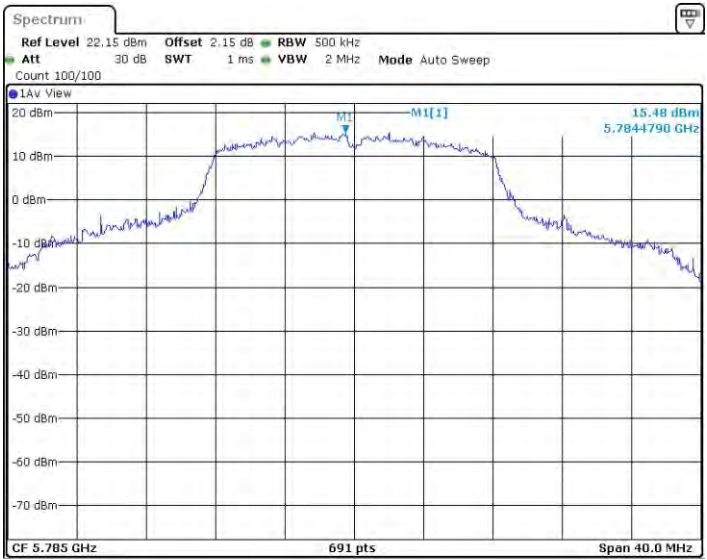
11A_Ant1_5785



11A_Ant2_5785



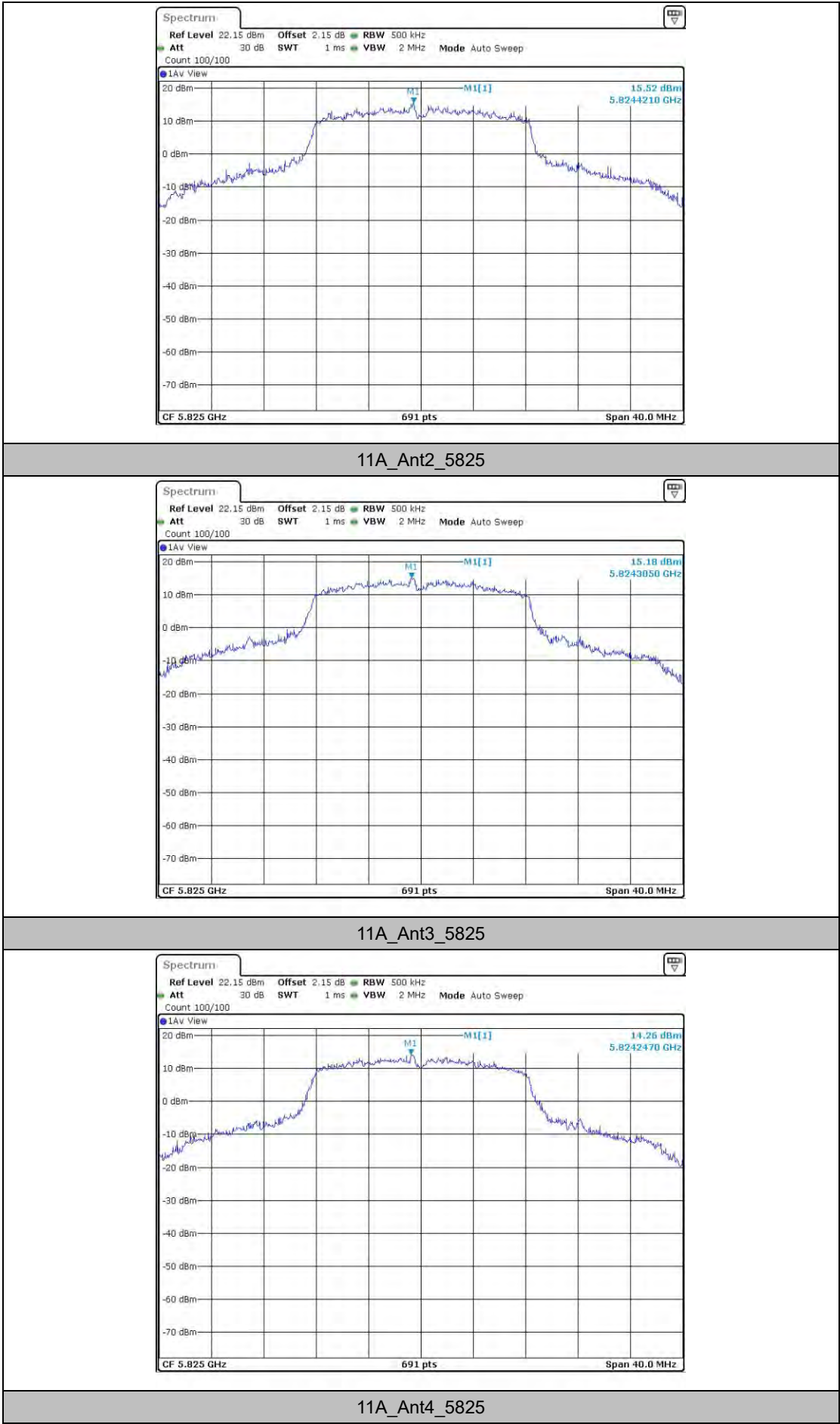
11A_Ant3_5785



11A_Ant4_5785



11A_Ant1_5825

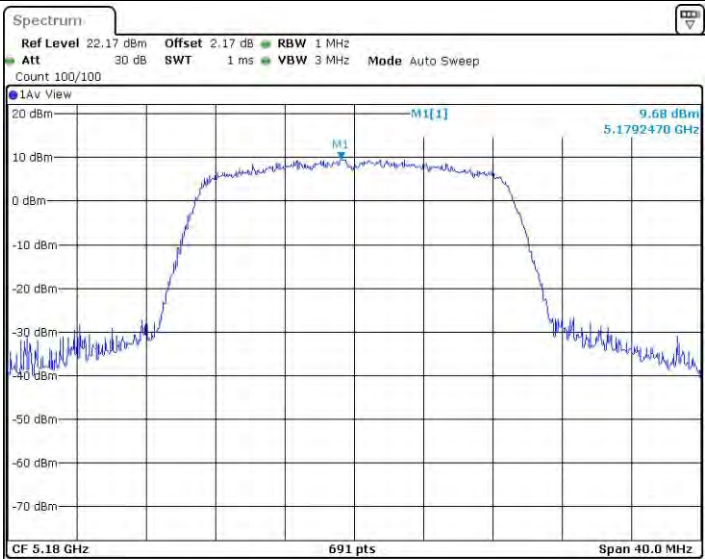




11N20SISO_Ant1_5180



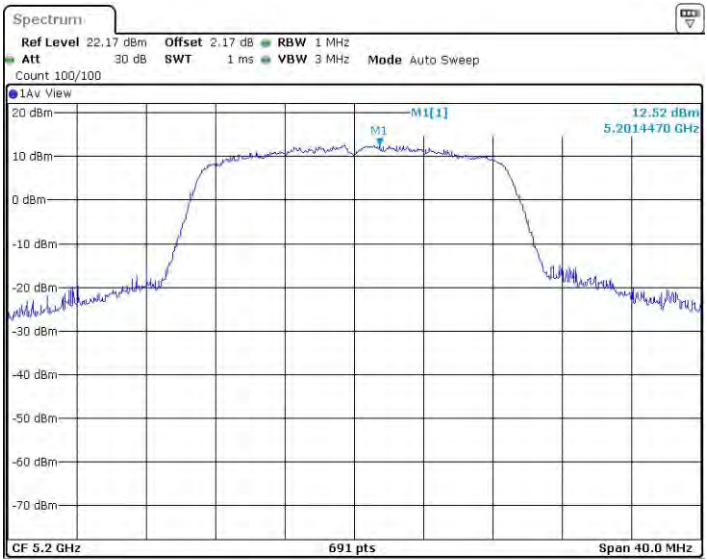
11N20SISO_Ant2_5180



11N20SISO_Ant3_5180



11N20SISO_Ant4_5180



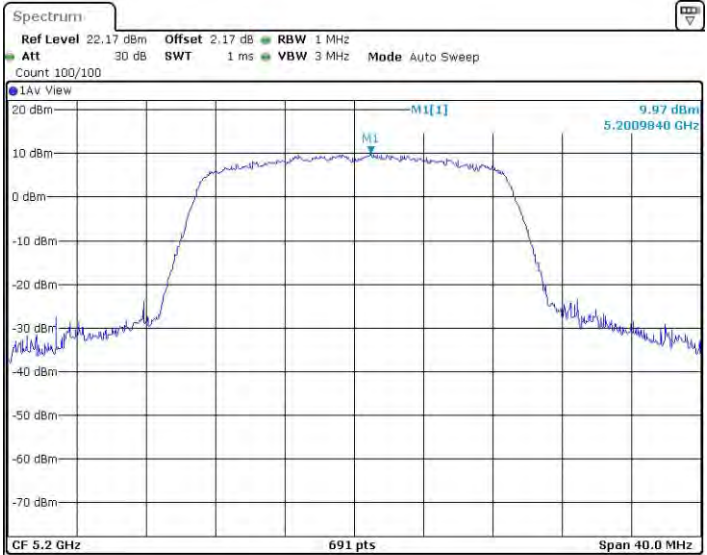
11N20SISO_Ant1_5200



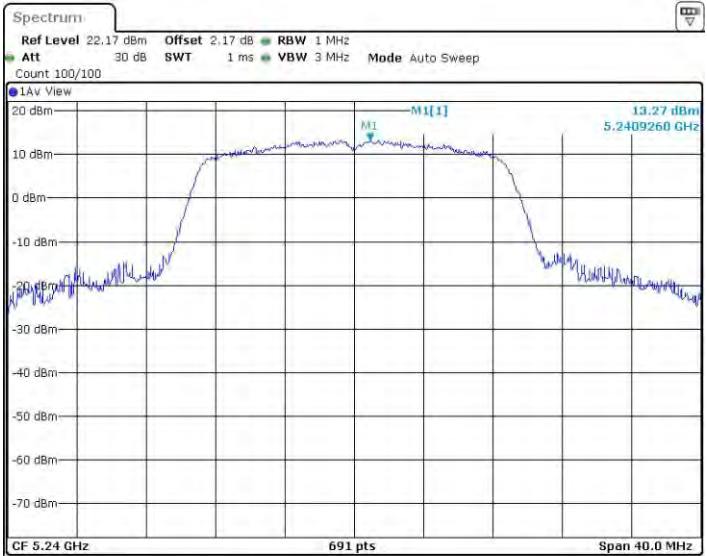
11N20SISO_Ant2_5200



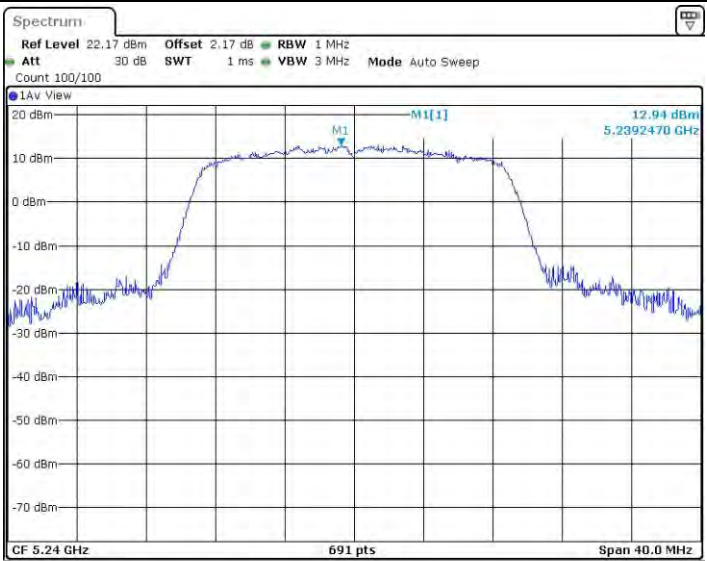
11N20SISO_Ant3_5200



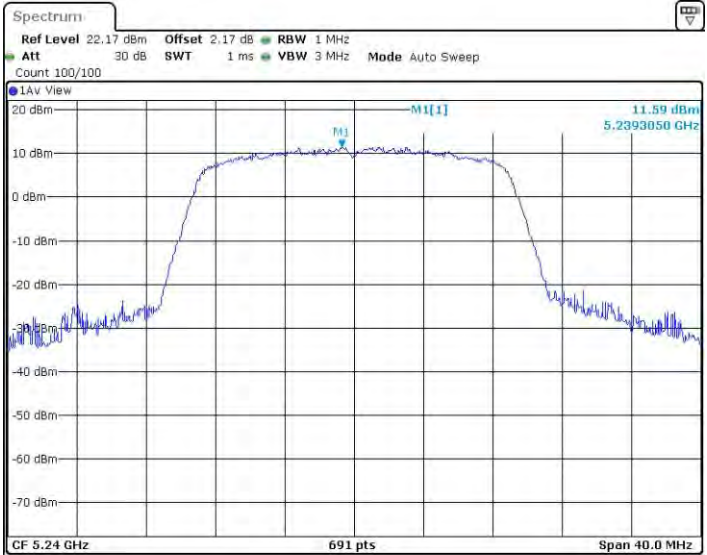
11N20SISO_Ant4_5200



11N20SISO_Ant1_5240



11N20SISO_Ant2_5240



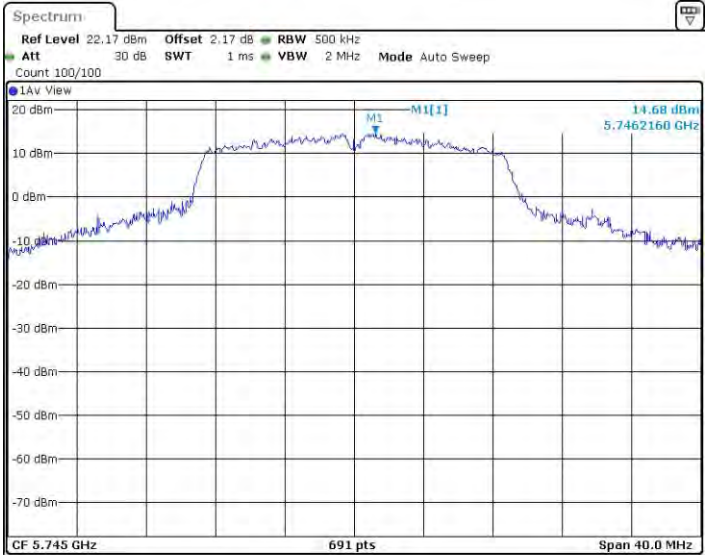
11N20SISO_Ant3_5240



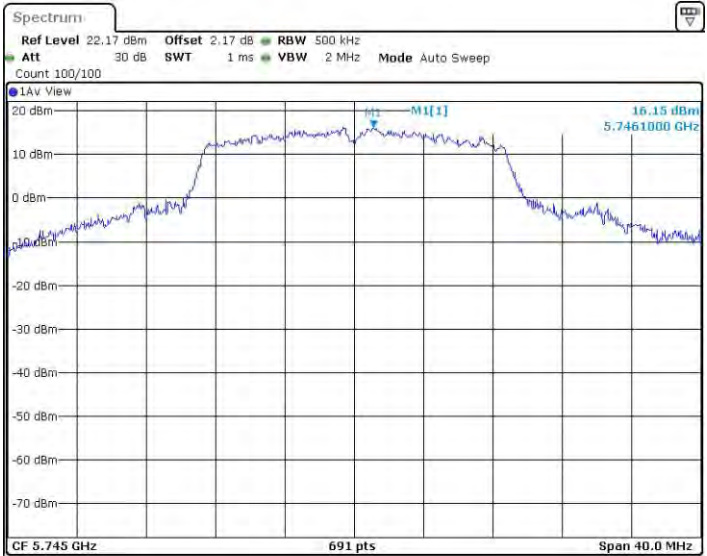
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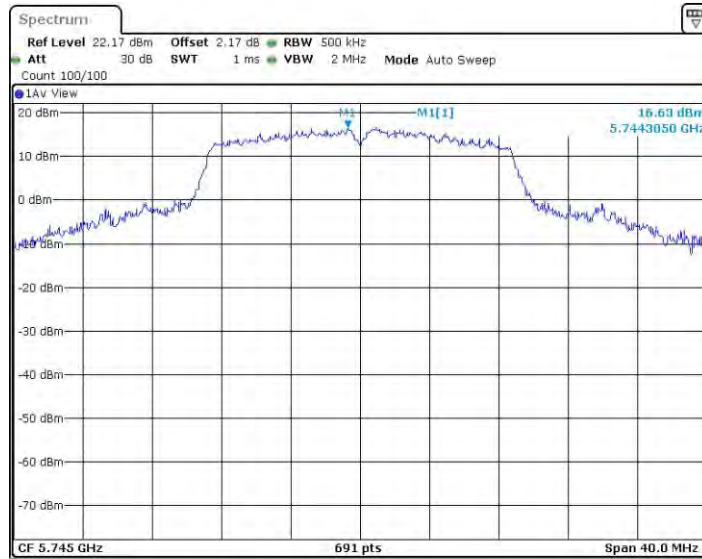
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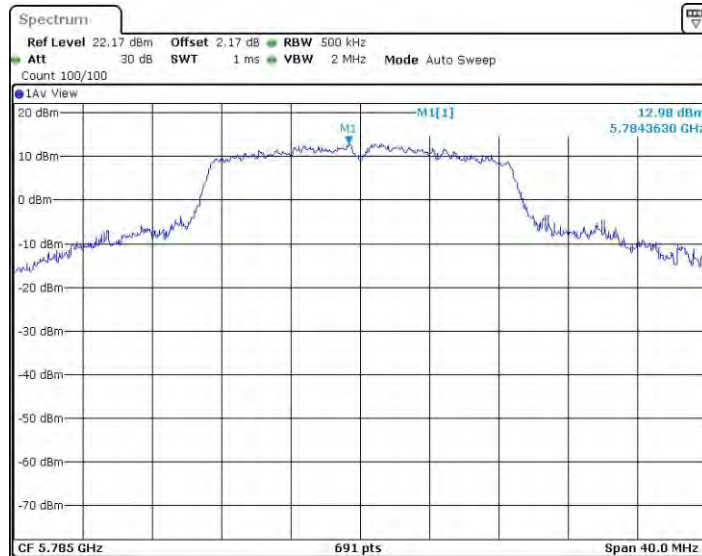
11N20SISO_Ant2_5745



11N20SISO_Ant3_5745



11N20SISO_Ant4_5745



11N20SISO_Ant1_5785



11N20SISO_Ant2_5785