Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17978.000	55.89	-29.59	45.95	39.53	74.00	18.11	H
17919.700	55.77	-29.59	45.95	39.41	74.00	18.23	V
14488.800	50.79	-29.56	41.90	38.45	74.00	23.21	V
14085.100	50.33	-30.20	41.70	38.83	68.20	17.87	H
5457.835	53.43	-27.49	34.20	46.72	74.00	20.57	H
5469.535	55.13	-27.49	34.20	48.42	68.20	13.07	H

Channel 116

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17992.300	55.67	-29.59	45.95	39.31	74.00	18.33	H
17964.800	55.53	-29.59	45.95	39.17	74.00	18.47	V
14381.000	50.34	-30.24	41.90	38.68	68.20	17.86	V
14576.800	50.22	-29.14	41.90	37.46	68.20	17.98	V
11793.800	47.60	-32.09	39.20	40.49	74.00	26.40	H
11802.600	46.99	-32.09	39.20	39.88	74.00	27.01	H

Channel 140

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17997.800	56.40	-29.59	45.95	40.04	74.00	17.60	H
17979.100	55.86	-29.59	45.95	39.50	74.00	18.14	V
14599.350	50.63	-29.14	41.90	37.87	68.20	17.57	H
14312.800	50.48	-30.44	41.85	39.07	68.20	17.72	H
5726.493	57.09	-27.47	34.10	50.46	68.20	11.11	H
5725.792	55.14	-27.47	34.10	48.51	68.20	13.06	H

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Channel 38

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17974.700	55.76	-29.59	45.95	39.40	74.00	18.24	V
17978.550	55.62	-29.59	45.95	39.26	74.00	18.38	V
14660.950	50.67	-30.04	41.50	39.21	68.20	17.53	H
14219.300	50.65	-30.75	41.75	39.65	68.20	17.55	V
5149.800	54.68	-28.00	34.00	48.68	74.00	19.32	H
5148.020	54.15	-27.79	34.00	47.94	74.00	19.85	H

Channel 46

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17996.700	56.43	-29.59	45.95	40.07	74.00	17.57	V
17991.200	56.10	-29.59	45.95	39.74	74.00	17.90	V
14685.700	50.54	-30.04	41.50	39.08	68.20	17.66	V
14699.450	50.25	-30.04	41.50	38.79	68.20	17.95	H
11816.900	47.08	-32.09	39.20	39.97	74.00	26.92	V
11880.150	46.65	-32.73	39.15	40.23	74.00	27.35	V

Channel 54

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17986.800	56.25	-29.59	45.95	39.89	74.00	17.75	H
17971.400	55.75	-29.59	45.95	39.39	74.00	18.25	V
14177.500	50.42	-30.42	41.70	39.14	68.20	17.78	V
14696.150	50.34	-30.04	41.50	38.88	68.20	17.86	V
11889.500	46.72	-32.53	39.10	40.15	74.00	27.28	V
11857.600	46.55	-32.73	39.15	40.13	74.00	27.45	V

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Channel 62

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17954.900	55.57	-29.59	45.95	39.21	74.00	18.43	V
17976.350	55.50	-29.59	45.95	39.14	74.00	18.50	V
14555.350	50.64	-29.14	41.90	37.88	68.20	17.56	V
14167.050	50.60	-30.42	41.70	39.32	68.20	17.60	H
5351.504	54.46	-27.82	34.20	48.08	74.00	19.54	H
5350.144	54.44	-27.82	34.20	48.06	74.00	19.56	H

Channel 102

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17981.850	56.29	-29.59	45.95	39.93	74.00	17.71	H
17938.950	56.12	-29.59	45.95	39.76	74.00	17.88	H
14583.400	51.17	-29.14	41.90	38.41	68.20	17.03	V
14597.700	50.98	-29.14	41.90	38.22	68.20	17.22	H
5459.170	54.21	-27.49	34.20	47.50	74.00	19.79	H
5468.320	56.40	-27.49	34.20	49.69	68.20	11.80	H

Channel 118

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17993.950	55.71	-29.59	45.95	39.35	74.00	18.29	H
17990.100	55.70	-29.59	45.95	39.34	74.00	18.30	H
14604.850	50.85	-30.67	41.70	39.82	68.20	17.35	V
14555.350	50.32	-29.14	41.90	37.56	68.20	17.88	H
11875.200	47.63	-32.73	39.15	41.21	74.00	26.37	H
11820.750	47.20	-32.09	39.20	40.09	74.00	26.80	V

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Channel 134

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17988.450	56.17	-29.59	45.95	39.81	74.00	17.83	H
17957.100	55.87	-29.59	45.95	39.51	74.00	18.13	H
14175.850	50.72	-30.42	41.70	39.44	68.20	17.48	V
14609.250	50.64	-30.67	41.70	39.61	68.20	17.56	V
5725.408	53.30	-27.47	34.10	46.67	68.20	14.90	H
5729.118	53.19	-27.47	34.10	46.56	68.20	15.01	H

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Channel 42

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17967.550	56.04	-29.59	45.95	39.68	74.00	17.96	H
17974.700	55.78	-29.59	45.95	39.42	74.00	18.22	H
14571.850	50.81	-29.14	41.90	38.05	68.20	17.39	V
14099.950	50.50	-30.20	41.70	39.00	68.20	17.70	H
5148.940	57.80	-28.00	34.00	51.80	74.00	16.20	H
5149.800	56.94	-28.00	34.00	50.94	74.00	17.06	H

Channel 58

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17949.950	55.78	-29.59	45.95	39.42	74.00	18.22	V
17945.000	55.65	-29.59	45.95	39.29	74.00	18.35	H
14596.050	50.69	-29.14	41.90	37.93	68.20	17.51	H
14568.000	50.52	-29.14	41.90	37.76	68.20	17.68	H
5350.880	57.96	-27.82	34.20	51.58	74.00	16.04	H
5350.720	57.60	-27.82	34.20	51.22	74.00	16.40	H

Channel 106

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17980.750	56.00	-29.59	45.95	39.64	74.00	18.00	V
17969.200	55.88	-29.59	45.95	39.52	74.00	18.12	H
14611.450	50.95	-30.67	41.70	39.92	68.20	17.25	H
14587.800	50.77	-29.14	41.90	38.01	68.20	17.43	V
5454.835	59.03	-27.49	34.20	52.32	74.00	14.97	H
5469.070	60.75	-27.49	34.20	54.04	68.20	7.45	H

Channel 122

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17950.500	56.00	-29.59	45.95	39.64	74.00	18.00	H
17940.600	55.87	-29.59	45.95	39.51	74.00	18.13	V
14625.200	50.87	-30.67	41.70	39.84	68.20	17.33	H
14199.500	50.57	-30.42	41.70	39.29	68.20	17.63	H
5727.403	51.44	-27.47	34.10	44.81	68.20	16.76	H
5726.983	51.15	-27.47	34.10	44.52	68.20	17.05	H

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Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17976.350	55.45	-29.59	45.95	39.09	74.00	18.55	V
17960.950	55.32	-29.59	45.95	38.96	74.00	18.68	H
14203.350	50.52	-30.42	41.70	39.24	68.20	17.68	V
14686.800	50.41	-30.04	41.50	38.95	68.20	17.79	H
5149.900	50.83	-28.00	34.00	44.83	74.00	23.17	H
5111.180	50.76	-27.79	34.00	44.55	74.00	23.24	H

Channel 40

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17936.200	55.94	-29.59	45.95	39.58	74.00	18.06	V
17948.850	55.77	-29.59	45.95	39.41	74.00	18.23	V
14218.200	50.62	-30.75	41.75	39.62	68.20	17.58	H
14197.850	50.55	-30.42	41.70	39.27	68.20	17.65	H
11830.100	47.93	-32.09	39.20	40.82	74.00	26.07	H
11906.550	46.78	-32.53	39.10	40.21	74.00	27.22	V

Channel 48

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17971.950	56.48	-29.59	45.95	40.12	74.00	17.52	H
17949.950	55.93	-29.59	45.95	39.57	74.00	18.07	H
14479.450	50.66	-29.56	41.90	38.32	74.00	23.34	H
14683.500	50.55	-30.04	41.50	39.09	68.20	17.65	H
11873.550	47.62	-32.73	39.15	41.20	74.00	26.38	H
11865.850	47.22	-32.73	39.15	40.80	74.00	26.78	V

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Channel 52

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17981.300	55.75	-29.59	45.95	39.39	74.00	18.25	H
17941.700	55.53	-29.59	45.95	39.17	74.00	18.47	H
14184.100	50.71	-30.42	41.70	39.43	68.20	17.49	V
14181.350	50.49	-30.42	41.70	39.21	68.20	17.71	H
11876.850	47.39	-32.73	39.15	40.97	74.00	26.61	V
11863.650	46.97	-32.73	39.15	40.55	74.00	27.03	V

Channel 56

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17993.950	55.89	-29.59	45.95	39.53	74.00	18.11	V
17970.850	55.56	-29.59	45.95	39.20	74.00	18.44	V
14055.950	50.36	-31.31	41.60	40.07	68.20	17.84	H
14173.650	50.11	-30.42	41.70	38.83	68.20	18.09	V
11785.000	47.33	-32.09	39.20	40.22	74.00	26.67	H
11866.400	47.31	-32.73	39.15	40.89	74.00	26.69	V

Channel 64

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17990.650	56.13	-29.59	45.95	39.77	74.00	17.87	H
17979.100	55.85	-29.59	45.95	39.49	74.00	18.15	H
14131.850	50.69	-30.93	41.70	39.91	68.20	17.51	V
14553.150	50.63	-30.55	41.90	39.28	68.20	17.57	V
5405.232	51.51	-27.94	34.30	45.15	74.00	22.49	H
5405.488	51.27	-27.94	34.30	44.91	74.00	22.73	H

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Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17978.000	55.10	-29.59	45.95	38.74	74.00	18.90	V
17958.750	54.72	-29.59	45.95	38.36	74.00	19.28	H
14161.000	49.56	-30.42	41.70	38.28	68.20	18.64	V
14655.450	49.03	-30.04	41.50	37.57	68.20	19.17	H
5451.430	52.42	-27.49	34.20	45.71	74.00	21.58	H
5465.890	52.19	-27.49	34.20	45.48	68.20	16.01	H

Channel 116

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17957.650	55.42	-29.59	45.95	39.06	74.00	18.58	V
17978.550	55.13	-29.59	45.95	38.77	74.00	18.87	V
14706.600	49.48	-30.13	41.35	38.26	68.20	18.72	V
14555.900	49.16	-29.14	41.90	36.40	68.20	19.04	V
11897.750	45.71	-32.53	39.10	39.14	74.00	28.29	V
11697.550	45.62	-32.70	39.20	39.12	74.00	28.38	H

Channel 140

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17993.950	55.19	-29.59	45.95	38.83	74.00	18.81	H
17984.600	55.18	-29.59	45.95	38.82	74.00	18.82	V
14588.900	49.15	-29.14	41.90	36.39	68.20	19.05	H
14153.850	49.13	-30.93	41.70	38.35	68.20	19.07	V
5754.632	52.41	-27.21	34.00	45.62	68.20	15.79	H
5730.203	52.12	-27.47	34.10	45.49	68.20	16.08	H

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Channel 38

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17927.400	56.37	-29.59	45.95	40.01	74.00	17.63	H
17992.850	56.22	-29.59	45.95	39.86	74.00	17.78	V
14579.550	51.02	-29.14	41.90	38.26	68.20	17.18	H
14201.700	50.59	-30.42	41.70	39.31	68.20	17.61	V
5100.600	50.83	-27.79	34.00	44.62	74.00	23.17	H
5123.940	50.69	-27.79	34.00	44.48	74.00	23.31	V

Channel 46

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17959.850	56.41	-29.59	45.95	40.05	74.00	17.59	H
17967.000	55.78	-29.59	45.95	39.42	74.00	18.22	V
14603.750	50.75	-29.14	41.90	37.99	68.20	17.45	V
14598.800	50.64	-29.14	41.90	37.88	68.20	17.56	H
8994.850	47.43	-34.57	37.70	44.30	68.20	20.77	V
11828.450	47.15	-32.09	39.20	40.04	74.00	26.85	V

Channel 54

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17977.450	56.43	-29.59	45.95	40.07	74.00	17.57	V
17993.950	56.00	-29.59	45.95	39.64	74.00	18.00	V
14143.950	51.54	-30.93	41.70	40.76	68.20	16.66	V
14585.050	51.36	-29.14	41.90	38.60	68.20	16.84	V
11975.850	47.18	-32.42	39.05	40.55	74.00	26.82	V
11808.100	46.94	-32.09	39.20	39.83	74.00	27.06	V

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Channel 62

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17993.950	56.04	-29.59	45.95	39.68	74.00	17.96	V
17964.250	55.72	-29.59	45.95	39.36	74.00	18.28	H
14099.400	50.76	-30.20	41.70	39.26	68.20	17.44	V
14547.100	50.43	-30.55	41.90	39.08	68.20	17.77	H
5401.152	51.80	-27.94	34.30	45.44	74.00	22.20	H
5454.688	51.49	-27.49	34.20	44.78	74.00	22.51	H

Channel 102

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17990.650	55.42	-29.59	45.95	39.06	74.00	18.58	V
17981.850	55.26	-29.59	45.95	38.90	74.00	18.74	V
14703.850	49.12	-30.13	41.35	37.90	68.20	19.08	V
14670.300	49.07	-30.04	41.50	37.61	68.20	19.13	V
5458.645	52.48	-27.49	34.20	45.77	74.00	21.52	H
5463.745	51.68	-27.49	34.20	44.97	68.20	16.52	H

Channel 118

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17971.400	55.81	-29.59	45.95	39.45	74.00	18.19	H
17990.650	55.21	-29.59	45.95	38.85	74.00	18.79	H
14589.450	49.31	-29.14	41.90	36.55	68.20	18.89	V
14603.750	48.97	-29.14	41.90	36.21	68.20	19.23	H
11721.200	45.97	-32.70	39.20	39.47	74.00	28.03	V
11775.650	45.62	-32.71	39.20	39.13	74.00	28.38	V

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Channel 134

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17957.100	55.40	-29.59	45.95	39.04	74.00	18.60	H
17969.750	55.33	-29.59	45.95	38.97	74.00	18.67	V
14195.100	50.04	-30.42	41.70	38.76	68.20	18.16	V
14373.300	48.89	-30.24	41.90	37.23	68.20	19.31	H
5746.040	52.04	-27.21	34.00	45.25	68.20	16.16	H
5795.722	51.78	-27.65	34.10	45.33	68.20	16.42	H

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802.11ax partial RU26-HT80

Channel 42

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17981.850	55.75	-29.59	45.95	39.39	74.00	18.25	V
17929.050	55.26	-29.59	45.95	38.90	74.00	18.74	V
14194.000	51.30	-30.42	41.70	40.02	68.20	16.90	V
14541.600	50.77	-30.55	41.90	39.42	68.20	17.43	V
5133.560	53.35	-27.79	34.00	47.14	74.00	20.65	H
5134.360	53.28	-27.79	34.00	47.07	74.00	20.72	H

Channel 58

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17935.100	56.49	-29.59	45.95	40.13	74.00	17.51	V
17944.450	55.52	-29.59	45.95	39.16	74.00	18.48	H
14679.100	50.98	-30.04	41.50	39.52	68.20	17.22	H
14724.750	50.55	-30.13	41.35	39.33	68.20	17.65	V
5366.784	54.41	-27.82	34.20	48.03	74.00	19.59	H
5365.440	54.11	-27.82	34.20	47.73	74.00	19.89	H

Channel 106

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17927.400	54.90	-29.59	45.95	38.54	74.00	19.10	V
17953.250	54.70	-29.59	45.95	38.34	74.00	19.30	V
14572.400	48.71	-29.14	41.90	35.95	68.20	19.49	H
14698.900	48.70	-30.04	41.50	37.24	68.20	19.50	V
5453.830	57.84	-27.49	34.20	51.13	74.00	16.16	H
5460.400	51.68	-27.49	34.20	44.97	68.20	16.52	H

Channel 122

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17971.400	55.35	-29.59	45.95	38.99	74.00	18.65	H
17956.550	55.00	-29.59	45.95	38.64	74.00	19.00	H
14490.450	49.43	-29.56	41.90	37.09	74.00	24.57	H
14173.650	49.36	-30.42	41.70	38.08	68.20	18.84	V
5782.352	52.38	-27.21	34.00	45.59	68.20	15.82	H
5762.350	52.35	-27.21	34.00	45.56	68.20	15.85	H

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A.7. AC Powerline Conducted Emission (150kHz- 30MHz)

Test Condition:

Voltage（V）	Frequency（Hz）
120	60

Measurement Result and limit:

WLAN (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Result (dBμV)		Conclusion
		With charger AE2-1		
		11a mode	Idle	
0.15 to 0.5	66 to 56	Fig.49	Fig.50	P
0.5 to 5	56			
5 to 30	60			
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

WLAN (Average Limit)

Frequency range (MHz)	Average Limit (dBμV)	Result (dBμV)		Conclusion
		With charger AE2-1		
		11a mode	Idle	
0.15 to 0.5	56 to 46	Fig.49	Fig.50	P
0.5 to 5	46			
5 to 30	50			
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

WLAN (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Result (dBμV)		Conclusion
		With charger AE2-2		
		11a mode	Idle	
0.15 to 0.5	66 o 56	Fig.51	/	P
0.5 to 5	56			
5 to 30	60			
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

WLAN (Average Limit)

Frequency range (MHz)	Average Limit (dBμV)	Result (dBμV)		Conclusion
		With charger AE2-2		
		11a mode	Idle	
0.15 to 0.5	56 o 46	Fig.51	/	P
0.5 to 5	46			
5 to 30	50			

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NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

Conclusion: PASS

Test graphs as below:

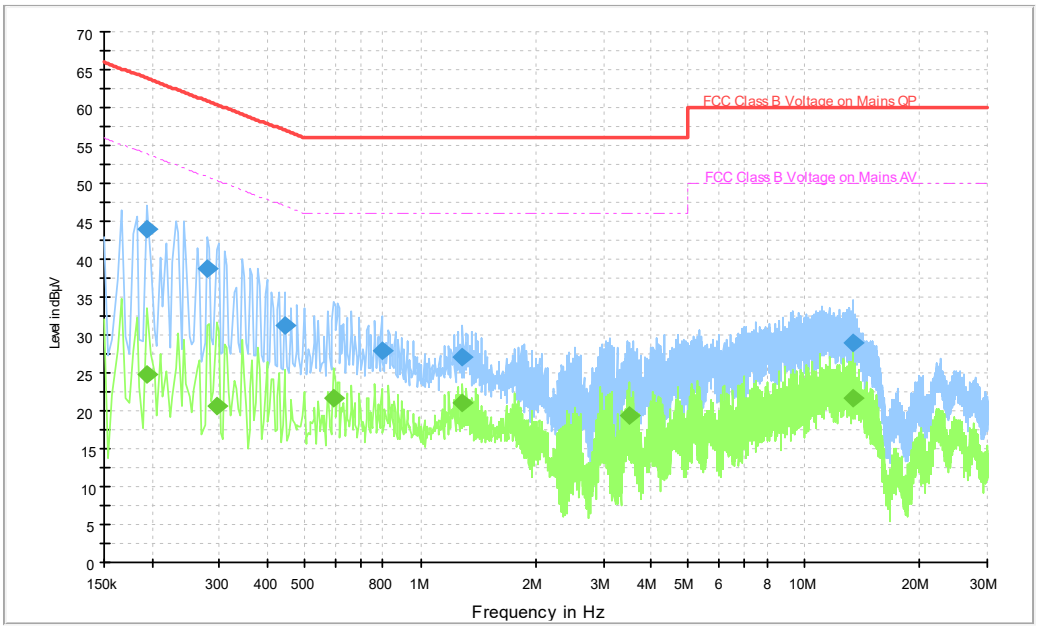

Fig.49 Conducted Emission(802.11a, Ch36, TX, AE2-1)

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.194000	43.9	2000.	9.000	On	L1	19.7	20.0	63.9
0.278000	38.7	2000.	9.000	On	L1	19.7	22.2	60.9
0.442000	31.2	2000.	9.000	On	L1	19.7	25.8	57.0
0.794000	27.8	2000.	9.000	On	N	19.7	28.2	56.0
1.290000	27.2	2000.	9.000	On	N	19.6	28.8	56.0
13.398000	29.0	2000.	9.000	On	L1	19.7	31.0	60.0

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Meas. Time	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.194000	24.8	2000.	9.000	On	L1	19.7	29.1	53.9
0.294000	20.6	2000.	9.000	On	L1	19.7	29.8	50.4
0.594000	21.6	2000.	9.000	On	N	19.7	24.4	46.0
1.290000	21.0	2000.	9.000	On	N	19.6	25.0	46.0
3.510000	19.5	2000.	9.000	On	N	19.6	26.5	46.0
13.366000	21.7	2000.	9.000	On	L1	19.7	28.3	50.0

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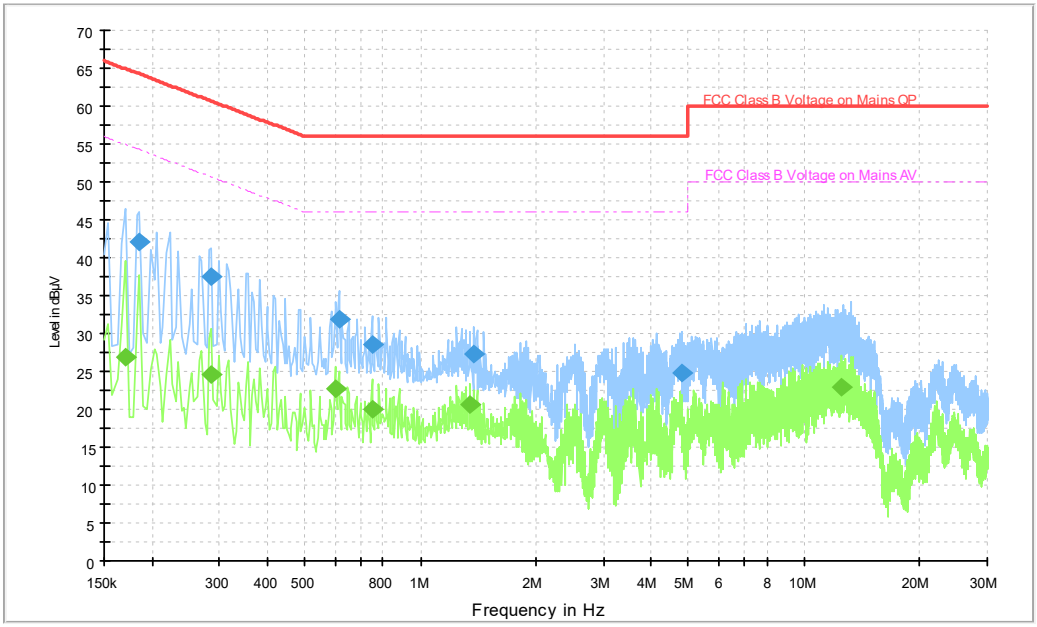

Fig.50 Conducted Emission(802.11a, IDLE, AE2-1)

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.186000	42.2	2000.	9.000	On	N	19.7	22.1	64.2
0.286000	37.5	2000.	9.000	On	N	19.7	23.2	60.6
0.614000	31.8	2000.	9.000	On	L1	19.7	24.2	56.0
0.750000	28.5	2000.	9.000	On	N	19.7	27.5	56.0
1.378000	27.3	2000.	9.000	On	N	19.6	28.7	56.0
4.806000	24.8	2000.	9.000	On	L1	19.6	31.2	56.0

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Meas. Time	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.170000	27.0	2000.	9.000	On	N	19.7	28.0	55.0
0.286000	24.5	2000.	9.000	On	N	19.7	26.1	50.6
0.598000	22.7	2000.	9.000	On	N	19.7	23.3	46.0
0.750000	20.0	2000.	9.000	On	N	19.7	26.0	46.0
1.346000	20.6	2000.	9.000	On	N	19.6	25.4	46.0
12.518000	22.8	2000.	9.000	On	L1	19.8	27.2	50.0

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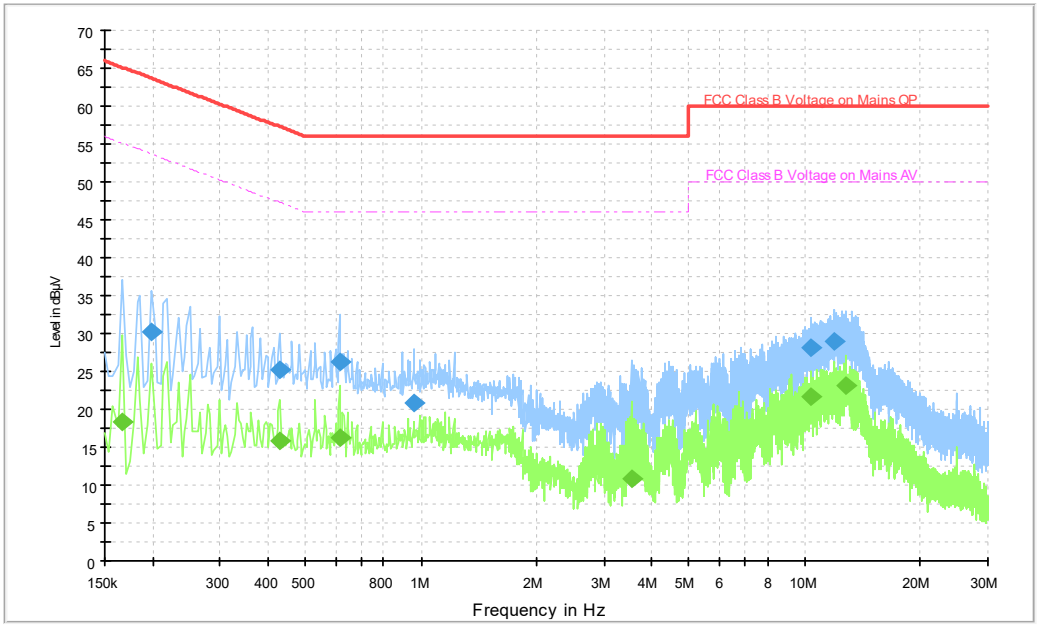

Fig.51 Conducted Emission(802.11a, Ch36, TX, AE2-2)

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.198000	30.2	2000.	9.000	On	N	19.7	33.5	63.7
0.430000	25.1	2000.	9.000	On	N	19.7	32.1	57.3
0.614000	26.2	2000.	9.000	On	L1	19.7	29.8	56.0
0.958000	20.8	2000.	9.000	On	N	19.6	35.2	56.0
10.326000	28.2	2000.	9.000	On	L1	19.7	31.8	60.0
11.994000	29.0	2000.	9.000	On	L1	19.8	31.0	60.0

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Meas. Time	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.166000	18.3	2000.	9.000	On	N	19.7	36.9	55.2
0.430000	15.9	2000.	9.000	On	N	19.7	31.4	47.3
0.614000	16.3	2000.	9.000	On	L1	19.7	29.7	46.0
3.526000	10.8	2000.	9.000	On	N	19.6	35.2	46.0
10.326000	21.6	2000.	9.000	On	L1	19.7	28.4	50.0
12.822000	23.0	2000.	9.000	On	L1	19.8	27.0	50.0

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A.8. 99% Occupied bandwidth

Method of Measurement: See ANSI C63.10-2013-clause 12.4.2.

a) The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW.

b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be approximately three times the RBW, unless otherwise specified by the applicable requirement.

c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given in 4.1.5.2.

d) Step a) through step c) might require iteration to adjust within the specified range.

e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.

f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.

g) If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% ofthe total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies.

h) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

Measurement Uncertainty:

Measurement Uncertainty	60.80Hz

EUT ID: UT05a

Measurement Result:

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant8	5180	19.166	5170.7952	5189.9610	---	---
	Ant9	5180	19.181	5170.7766	5189.9580	---	---
	Ant8	5200	18.91	5190.4743	5209.3841	---	---
	Ant9	5200	18.534	5190.6619	5209.1962	---	---
	Ant8	5240	17.571	5231.1934	5248.7644	---	---
	Ant9	5240	17.425	5231.2959	5248.7205	---	---
	Ant8	5260	17.659	5251.1151	5268.7744	---	---
	Ant9	5260	17.437	5251.2803	5268.7172	---	---
	Ant8	5280	17.646	5271.1698	5288.8160	---	---
	Ant9	5280	17.417	5271.2876	5288.7048	---	---
	Ant8	5320	19.042	5310.2491	5329.2915	---	---

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	Ant9	5320	18.923	5310.3199	5329.2428	---	---
	Ant8	5500	18.976	5490.7363	5509.7120	---	---
	Ant9	5500	18.972	5490.7133	5509.6858	---	---
	Ant8	5580	17.64	5571.1175	5588.7577	---	---
	Ant9	5580	17.443	5571.2671	5588.7105	---	---
	Ant8	5700	18.414	5690.4955	5708.9090	---	---
	Ant9	5700	18.2	5690.6656	5708.8653	---	---
11N20MIMO	Ant8	5180	20.117	5170.2260	5190.3432	---	---
	Ant9	5180	20.281	5170.2273	5190.5079	---	---
	Ant8	5200	19.979	5189.9616	5209.9411	---	---
	Ant9	5200	20.11	5189.9034	5210.0131	---	---
	Ant8	5240	18.693	5230.6447	5249.3382	---	---
	Ant9	5240	18.122	5230.9217	5249.0432	---	---
	Ant8	5260	18.764	5250.5823	5269.3459	---	---
	Ant9	5260	18.171	5250.8735	5269.0445	---	---
	Ant8	5280	18.717	5270.6547	5289.3714	---	---
	Ant9	5280	18.144	5270.8989	5289.0434	---	---
	Ant8	5320	19.991	5309.8040	5329.7952	---	---
	Ant9	5320	19.22	5310.1943	5329.4139	---	---
	Ant8	5500	20.027	5490.2293	5510.2567	---	---
	Ant9	5500	19.331	5490.4250	5509.7560	---	---
	Ant8	5580	18.79	5570.5288	5589.3183	---	---
	Ant9	5580	18.172	5570.8923	5589.0643	---	---
	Ant8	5700	19.65	5689.8260	5709.4757	---	---
	Ant9	5700	18.698	5690.4703	5709.1687	---	---
11N40MIMO	Ant8	5190	37.111	5171.5428	5208.6541	---	---
	Ant9	5190	36.639	5171.7200	5208.3589	---	---
	Ant8	5230	36.561	5211.6997	5248.2606	---	---
	Ant9	5230	36.352	5211.8150	5248.1668	---	---
	Ant8	5270	36.665	5251.6372	5288.3024	---	---
	Ant9	5270	36.321	5251.7722	5288.0928	---	---
	Ant8	5310	37.236	5291.2205	5328.4562	---	---
	Ant9	5310	36.924	5291.3863	5328.3103	---	---
	Ant8	5510	37.026	5491.5176	5528.5441	---	---
	Ant9	5510	36.869	5491.5715	5528.4409	---	---
	Ant8	5550	36.584	5531.6632	5568.2475	---	---
	Ant9	5550	36.331	5531.7902	5568.1208	---	---
	Ant8	5670	37.435	5651.2450	5688.6804	---	---
	Ant9	5670	37.022	5651.4318	5688.4533	---	---
11AX80MIMO	Ant8	5210	77.691	5171.1989	5248.8901	---	---
	Ant9	5210	77.736	5171.1551	5248.8908	---	---
	Ant8	5290	77.722	5250.9454	5328.6677	---	---

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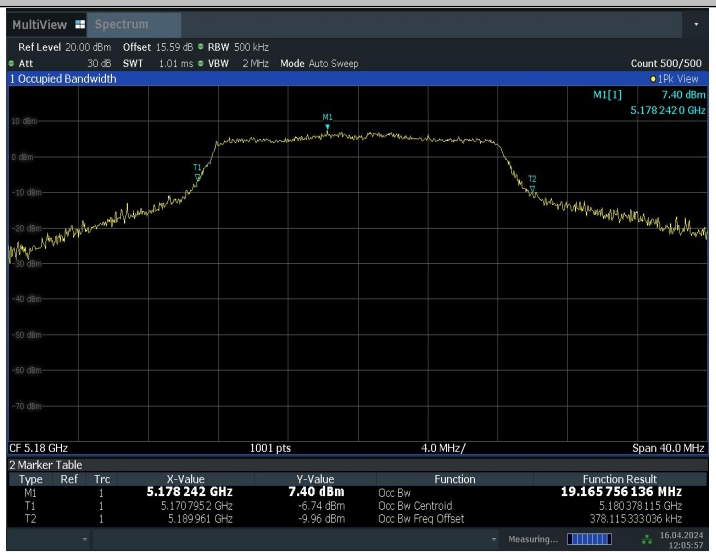
	Ant9	5290	77.811	5250.9218	5328.7326	---	---
	Ant8	5530	77.824	5491.0526	5568.8761	---	---
	Ant9	5530	77.701	5491.0107	5568.7117	---	---
	Ant8	5610	77.607	5571.0570	5648.6644	---	---
	Ant9	5610	77.58	5571.1104	5648.6908	---	---

Test graphs as below:

11A_Ant8_5180



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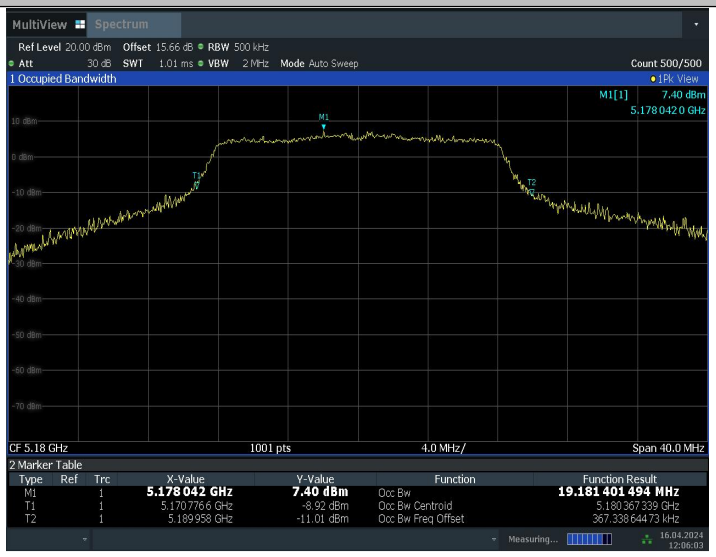

12:06:03 16.04.2024

11A_Ant8_5200

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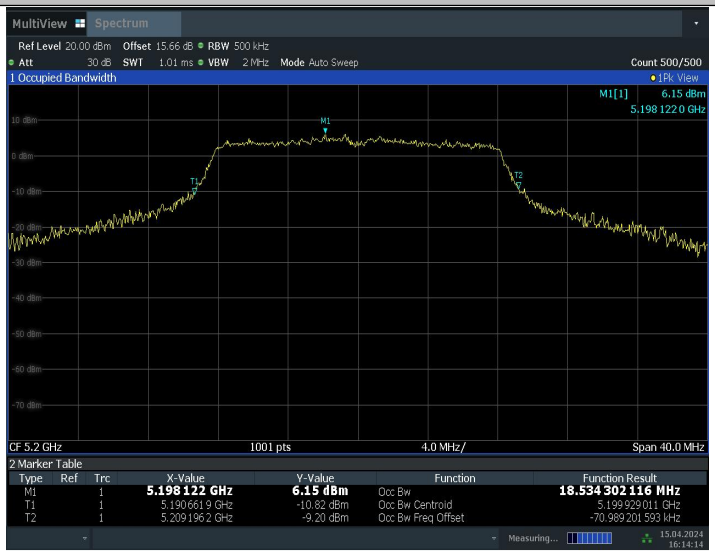
16:13:23 15.04.2024

11A_Ant9_5200



16:14:14 15.04.2024

11A_Ant8_5240

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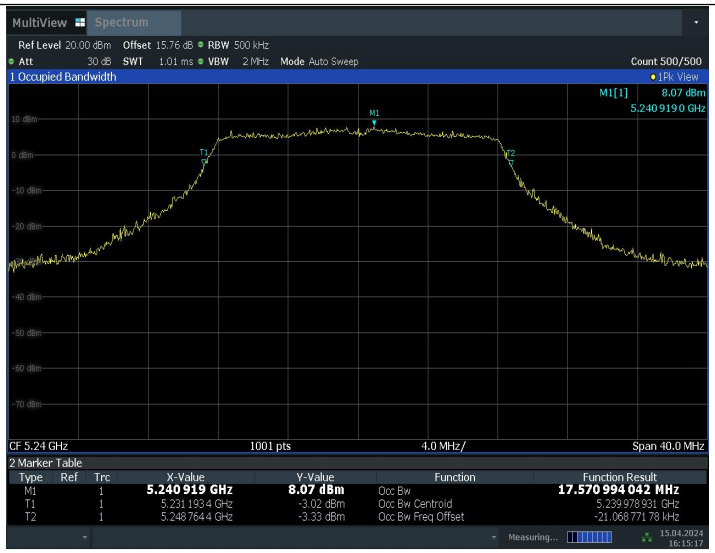

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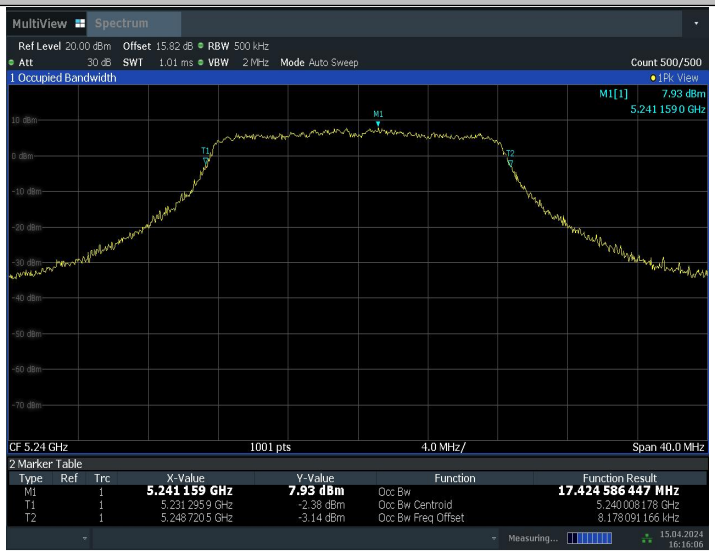

16:16:07 15.04.2024

11A_Ant8_5260

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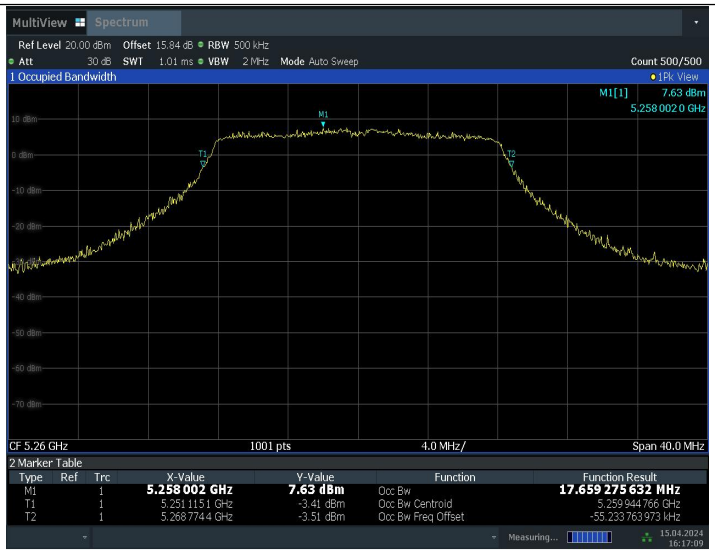

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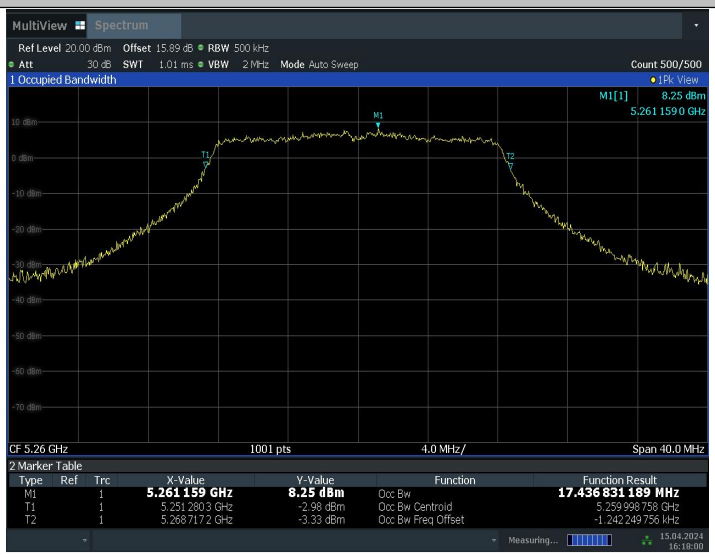
11A_Ant9_5260



16:18:00 15.04.2024

11A_Ant8_5280

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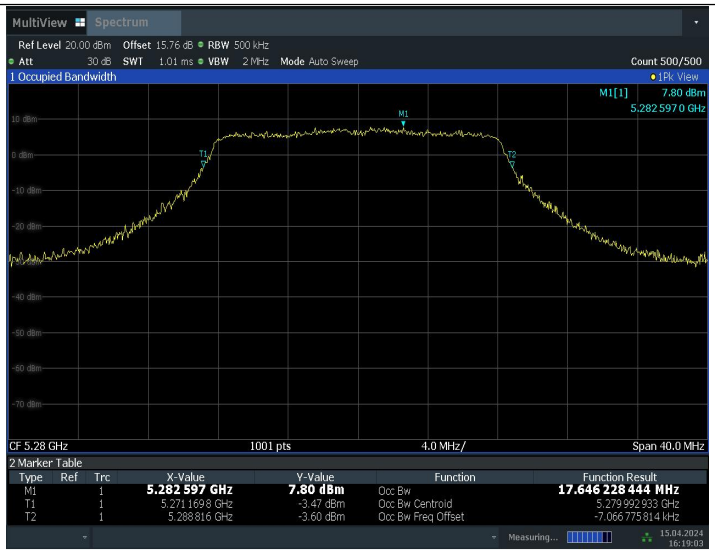

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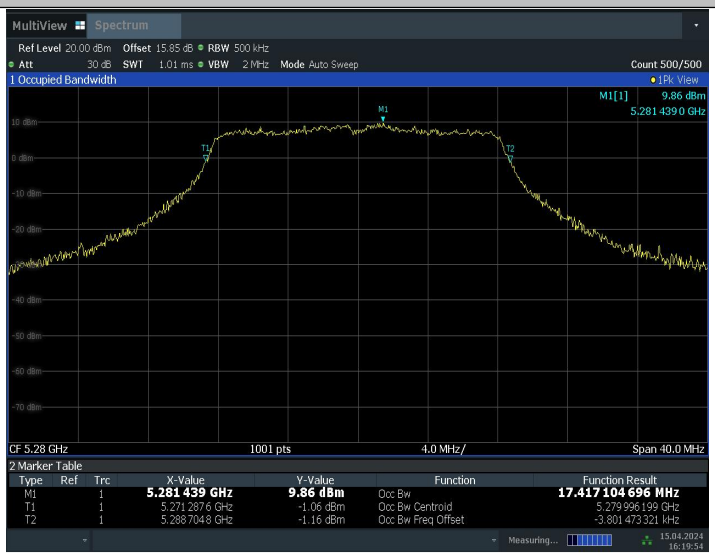

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11A_Ant8_5320

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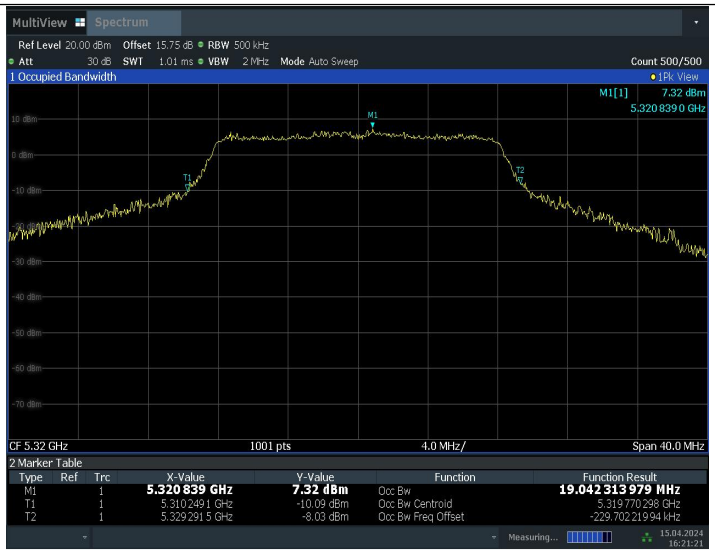

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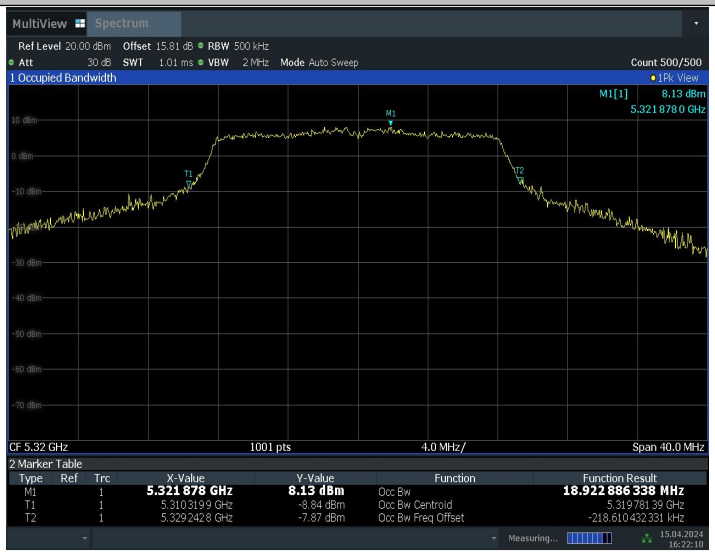

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11A_Ant8_5500

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16:23:21 15.04.2024

11A_Ant9_5500

16:24:12 15.04.2024

11A_Ant8_5580

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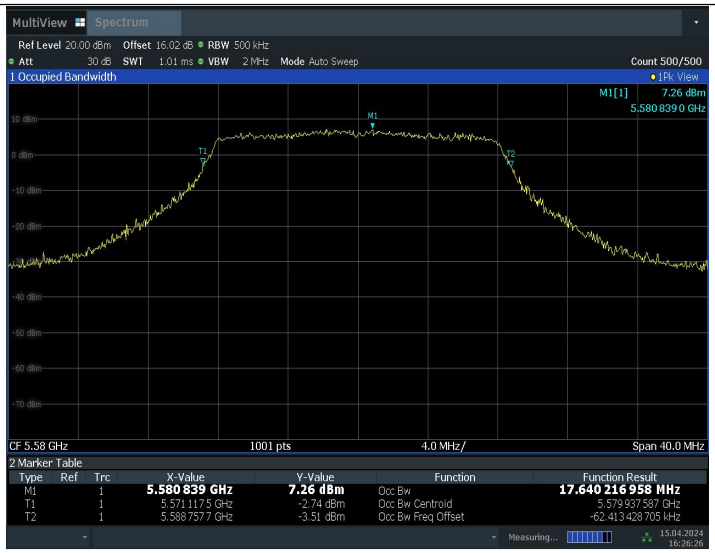

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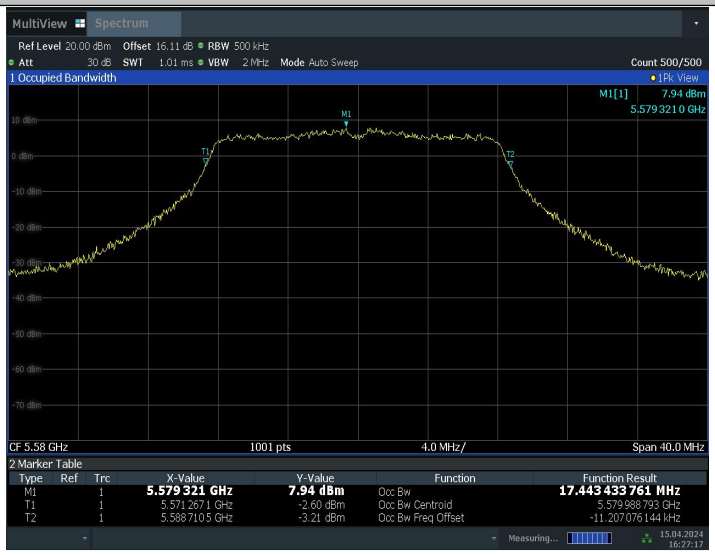

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11A_Ant8_5700

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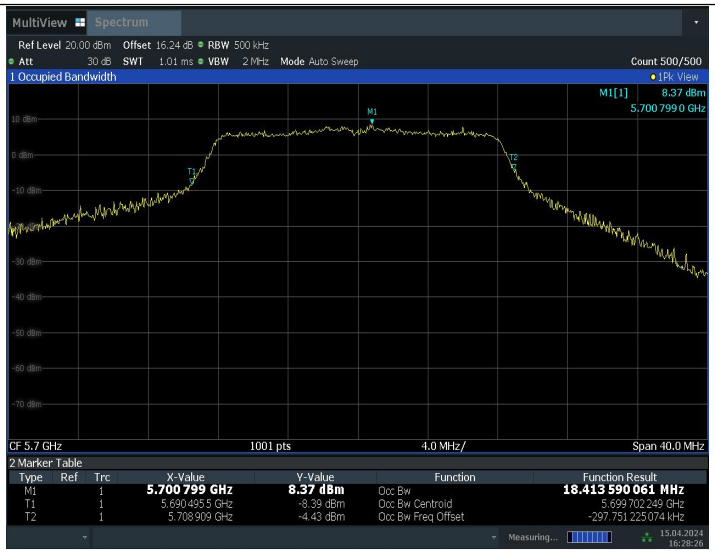

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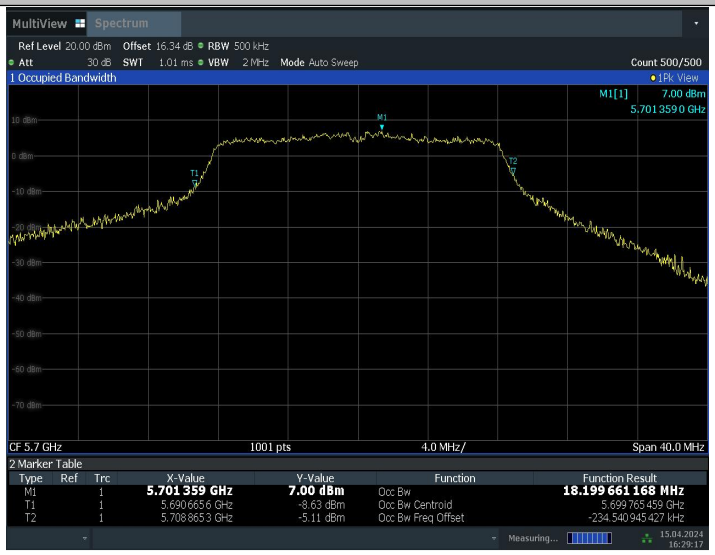

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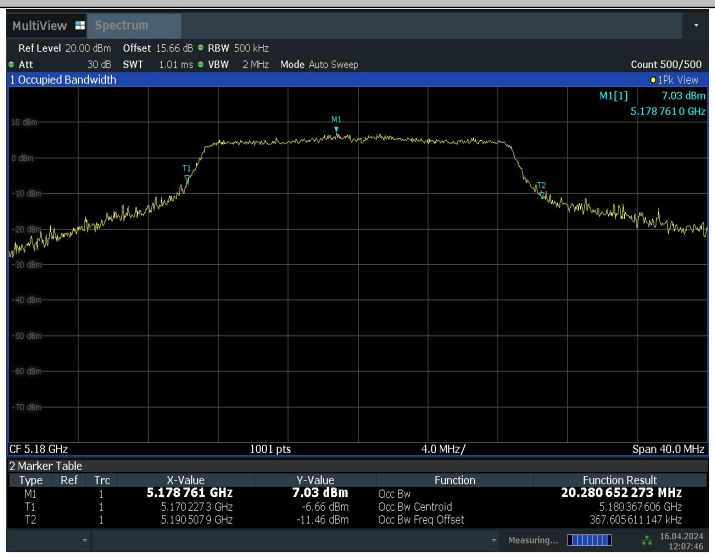

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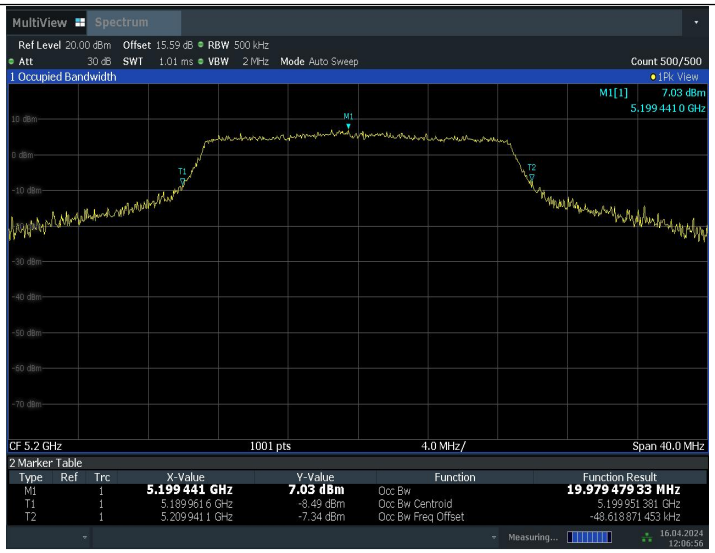

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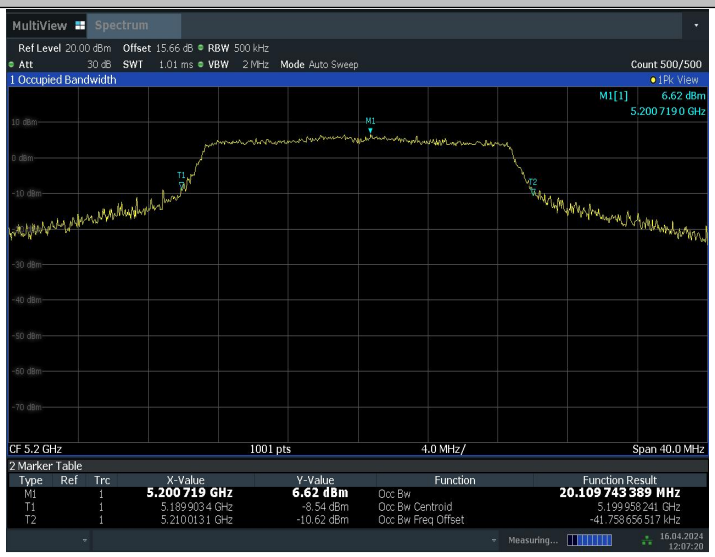

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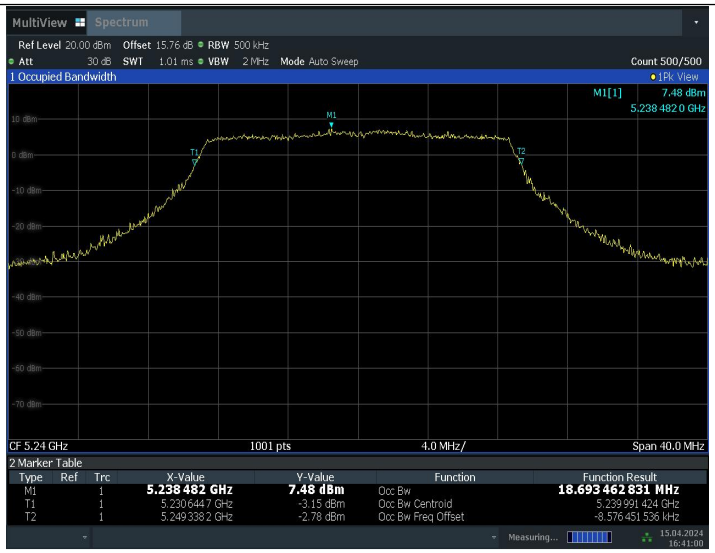

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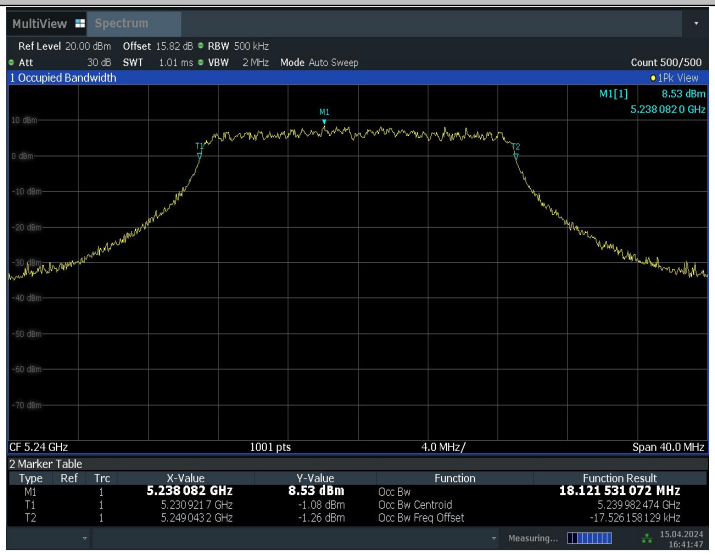

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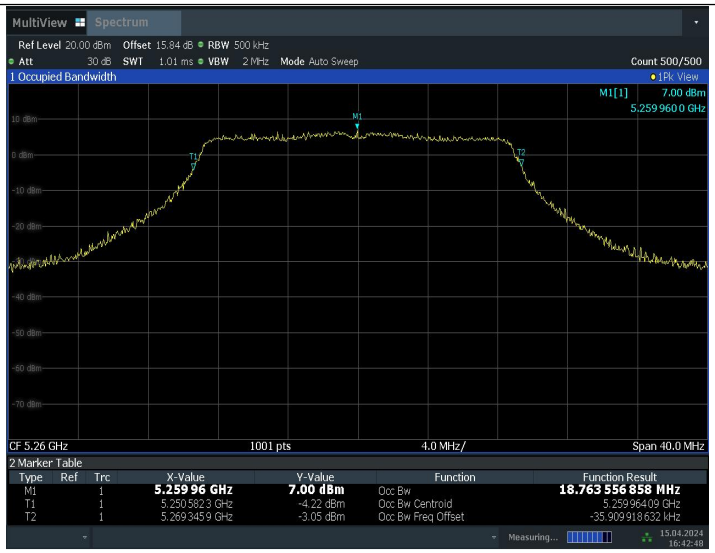

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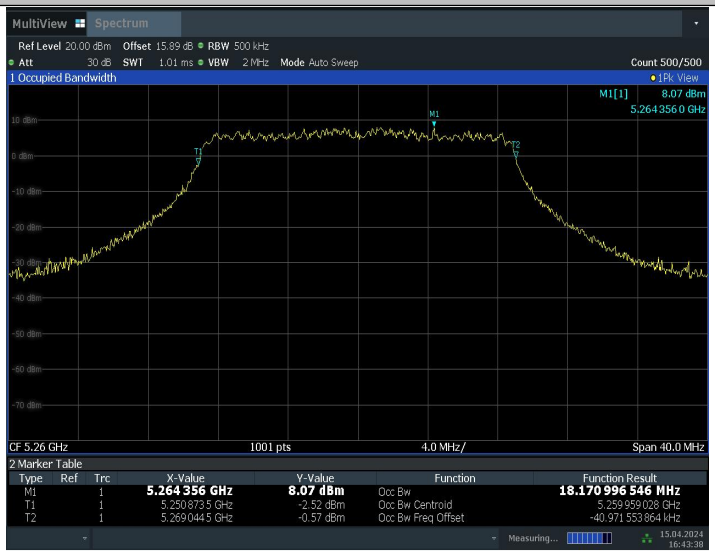

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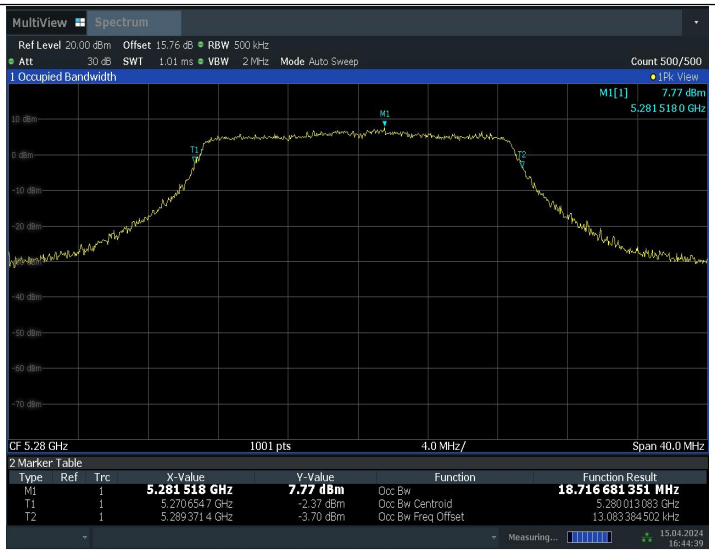

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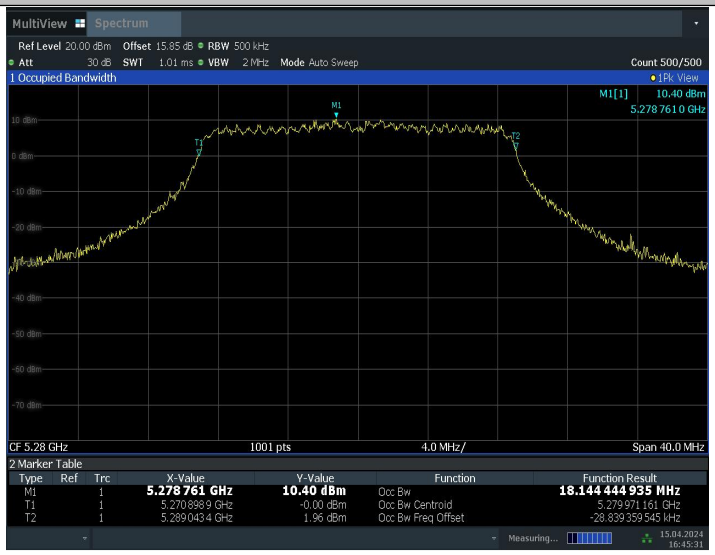

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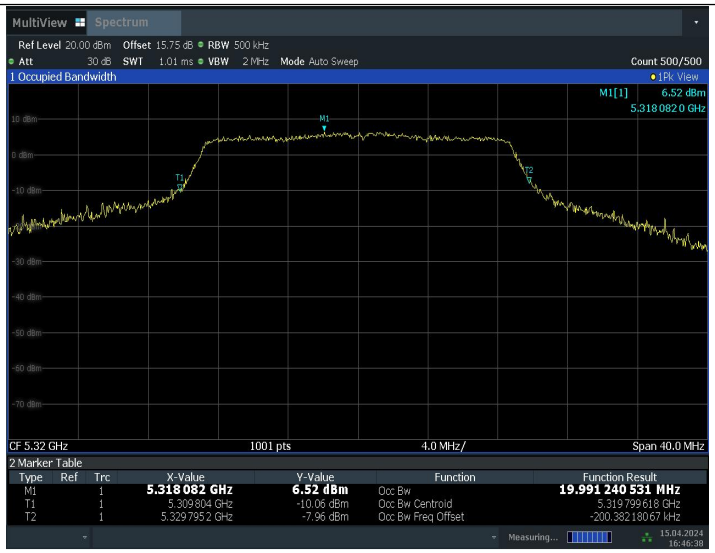

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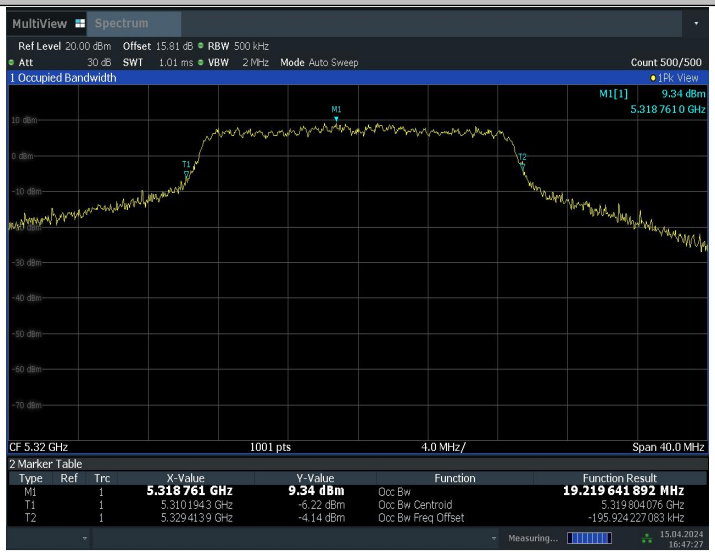

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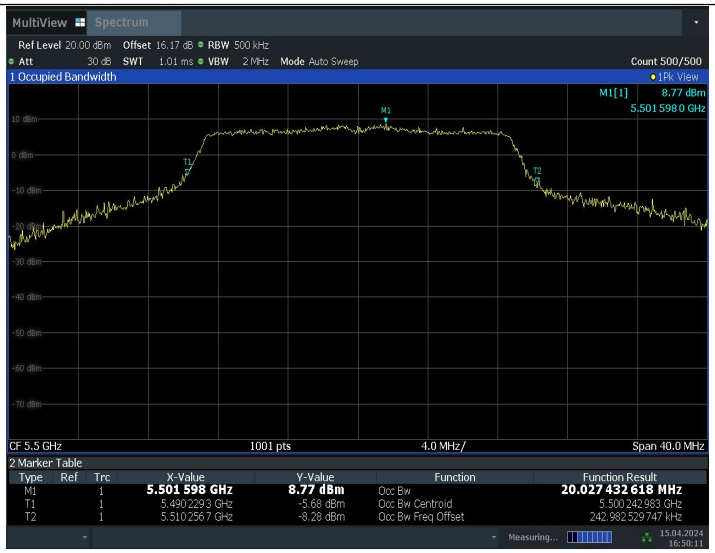

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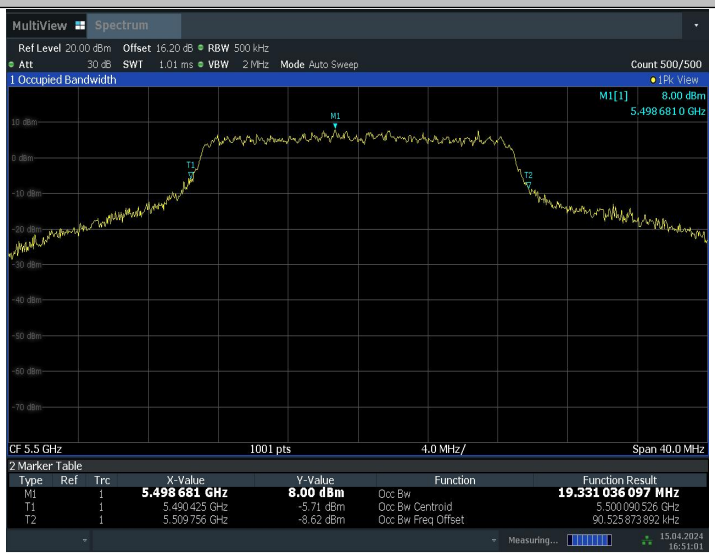

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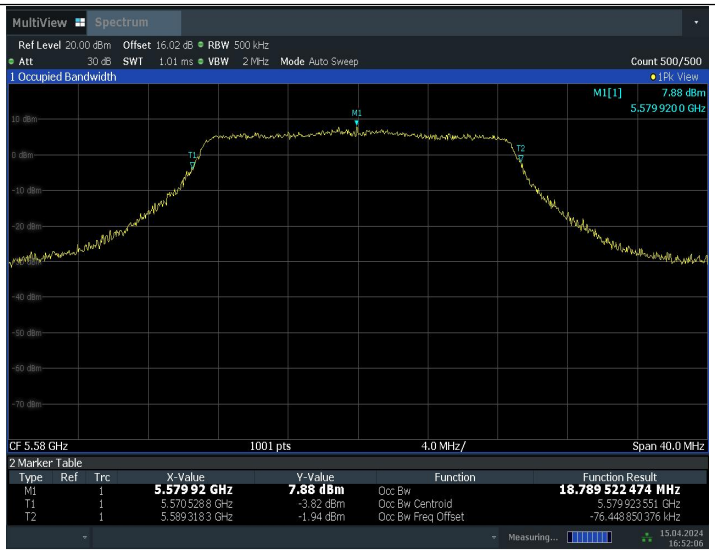

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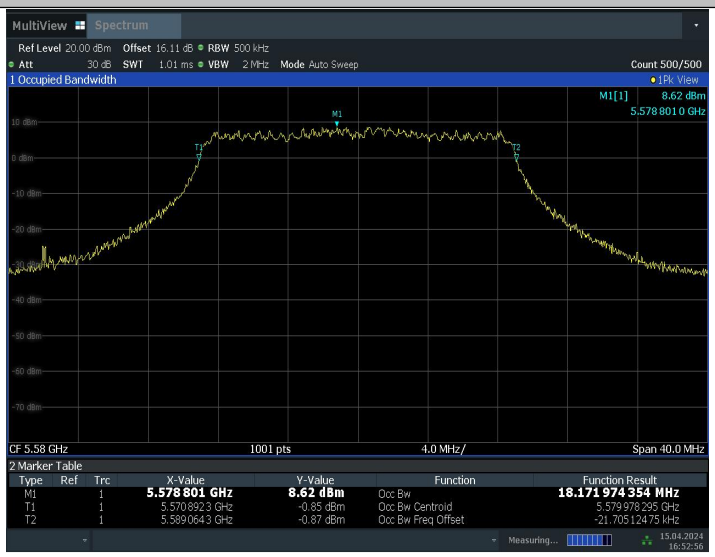

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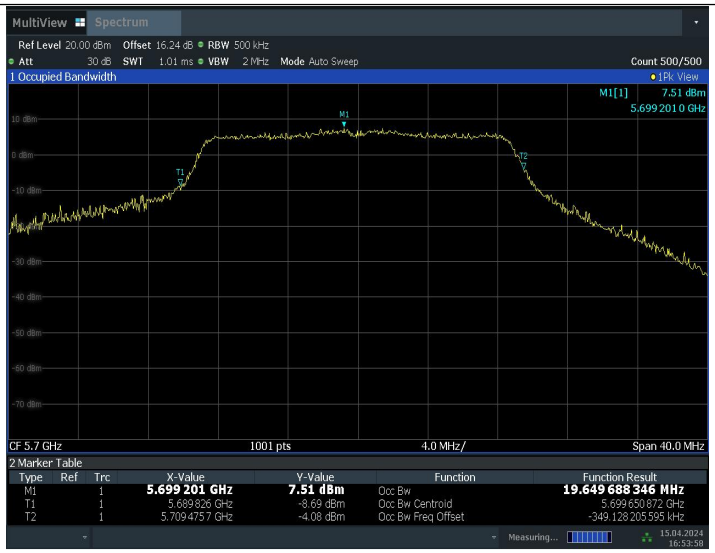

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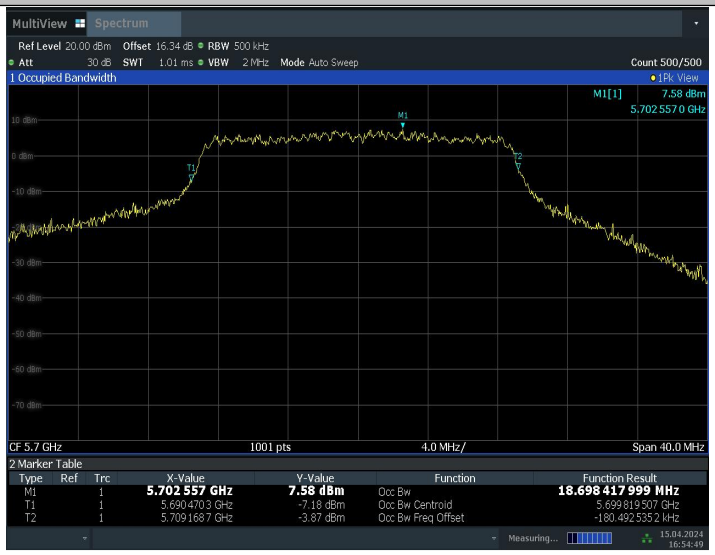

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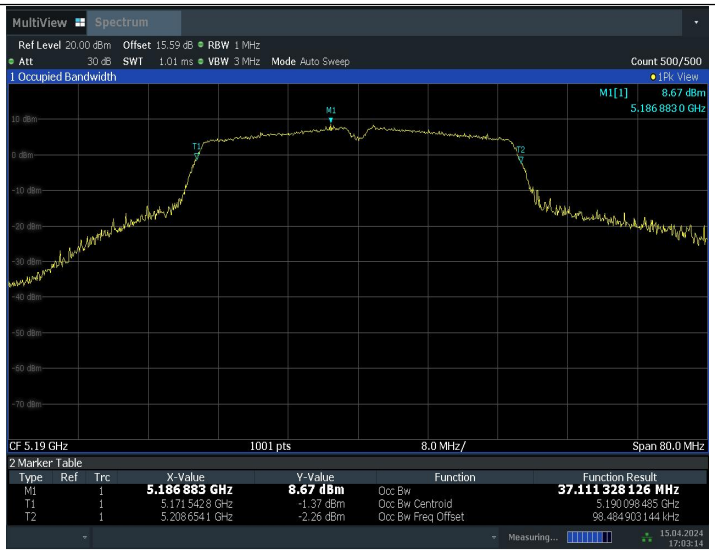

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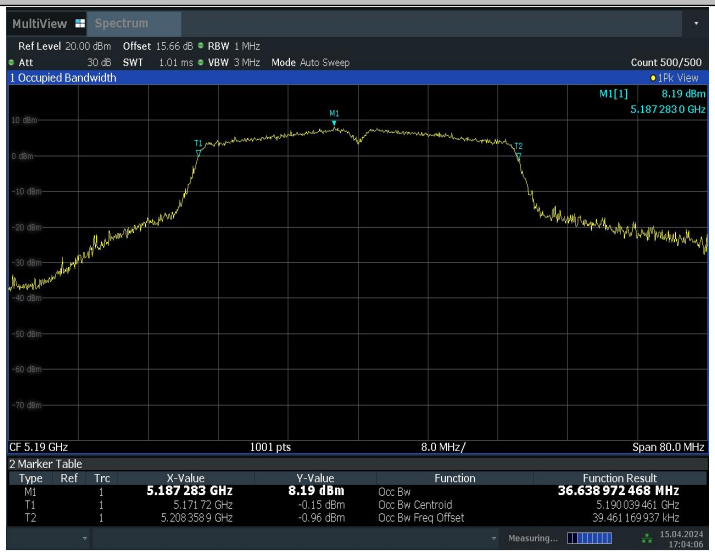

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