

Mode	802.11a - Emission	Channel	116
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	*	11160	31.36	20.54	51.9	74	-22.1	PK
		14485	29.82	27.98	57.8	74	-16.2	PK
		14485	21.55	27.98	49.53	54	-4.47	AVG
		15595	29.71	25.5	55.21	74	-18.79	PK
		15595	20.88	25.5	46.38	54	-7.62	AVG
	*	16740	37.52	5.27	42.79	68.2	-25.41	PK
	*	22320	33.24	6.93	40.17	74	-33.83	PK
	*	27900	32.58	10.83	43.41	68.2	-24.79	PK
	*	33480	36.38	12.47	48.85	68.2	-19.35	PK
		39976	37.66	18.09	55.75	74	-18.25	PK
		39976	27.82	18.09	45.91	54	-8.09	AVG
Vertical	*	11160	30.62	20.54	51.16	74	-22.84	PK
		14470	28.84	27.97	56.81	68.2	-11.39	PK
		14470	20.57	27.97	48.54	54	-5.46	AVG
		15340	28.41	26.45	54.86	68.2	-13.34	PK
		15340	19.58	26.45	46.03	54	-7.97	AVG
	*	16740	35.06	5.27	40.33	68.2	-27.87	PK
	*	22320	33.5	6.93	40.43	74	-33.57	PK
	*	27900	33.55	10.83	44.38	68.2	-23.82	PK
	*	33480	35.48	12.47	47.95	68.2	-20.25	PK
		39328	38.12	17.3	55.42	74	-18.58	PK
		39328	28.28	17.3	45.58	54	-8.42	AVG

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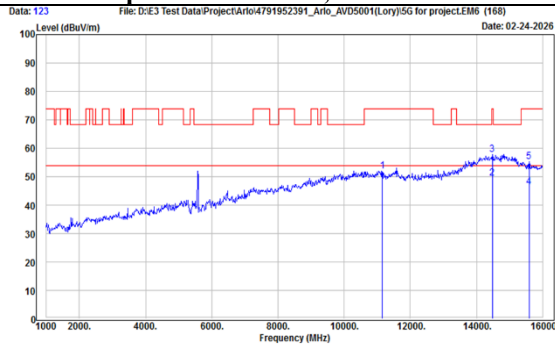
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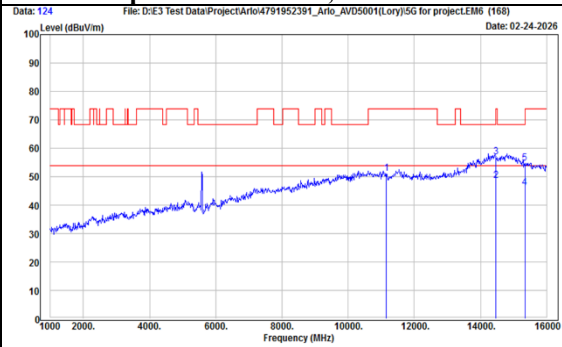
TX, 802.11a - Emission (Ch 116)

Radiated Spurious Emission, Horizontal



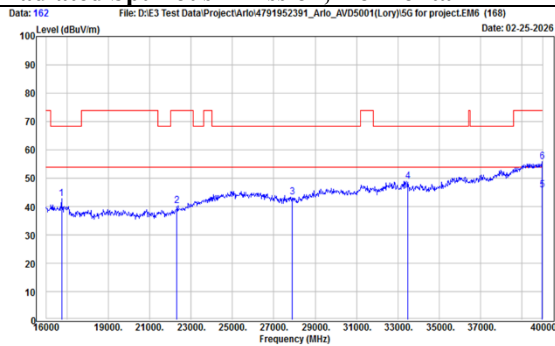
TX, 802.11a - Emission (Ch 116)

Radiated Spurious Emission, Vertical



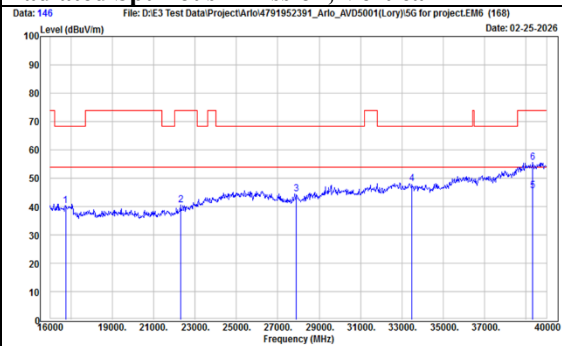
TX, 802.11a - Emission (Ch 116)

Radiated Spurious Emission, Horizontal



TX, 802.11a - Emission (Ch 116)

Radiated Spurious Emission, Vertical



Mode	802.11a - Emission	Channel	140
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	*	11400	31.06	20.96	52.02	74	-21.98	PK
		14485	29.41	27.98	57.39	74	-16.61	PK
		14485	21.14	27.98	49.12	54	-4.88	AVG
		15430	29.84	26.08	55.92	74	-18.08	PK
		15430	21.01	26.08	47.09	54	-6.91	AVG
	*	17100	37.85	5.43	43.28	68.2	-24.92	PK
	*	22800	32.84	8	40.84	74	-33.16	PK
	*	28500	32.91	11.24	44.15	68.2	-24.05	PK
	*	34200	35.39	12.33	47.72	68.2	-20.48	PK
		39640	38.5	17.49	55.99	74	-18.01	PK
		39640	28.66	17.49	46.15	54	-7.85	AVG
Vertical	*	11400	30.9	20.96	51.86	74	-22.14	PK
		14470	29.03	27.97	57	68.2	-11.2	PK
		14470	20.76	27.97	48.73	54	-5.27	AVG
		15340	29.09	26.45	55.54	68.2	-12.66	PK
		15340	20.26	26.45	46.71	54	-7.29	AVG
		16710	34.82	5.21	40.03	68.2	-28.17	PK
		22280	33.47	6.85	40.32	74	-33.68	PK
		27850	33.16	10.81	43.97	68.2	-24.23	PK
		33420	36.05	12.5	48.55	68.2	-19.65	PK
		39760	37.86	17.67	55.53	74	-18.47	PK
		39760	28.02	17.67	45.69	54	-8.31	AVG

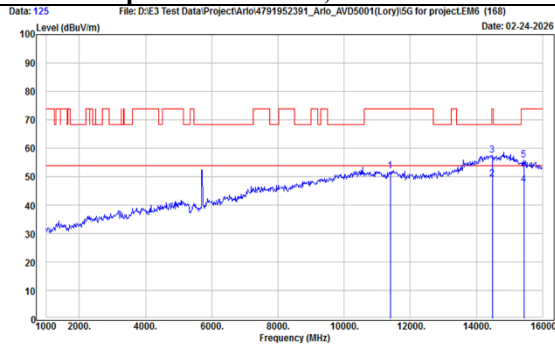
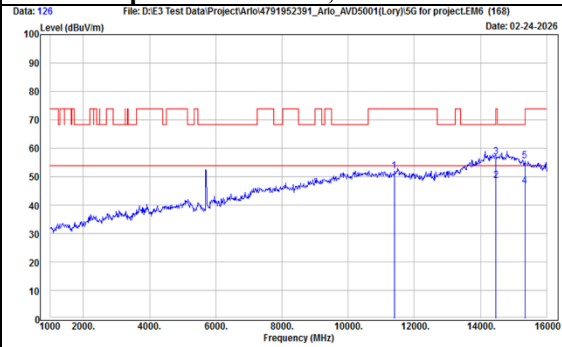
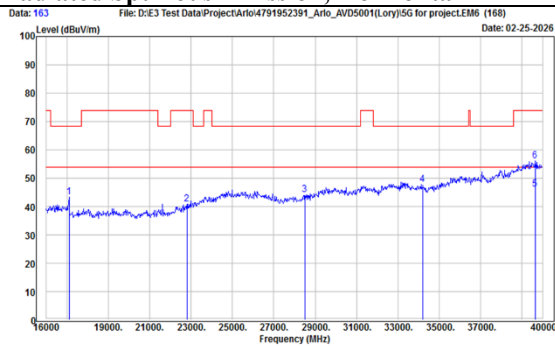
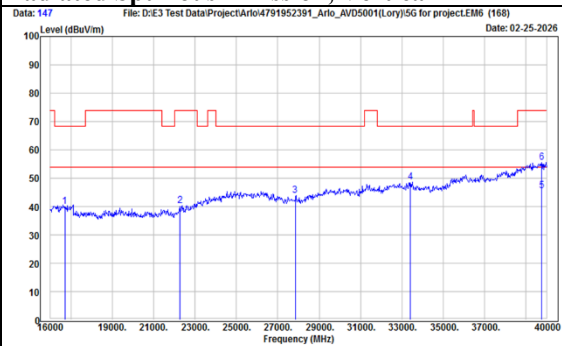
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TX, 802.11a - Emission (Ch 140)
Radiated Spurious Emission, Horizontal

TX, 802.11a - Emission (Ch 140)
Radiated Spurious Emission, Vertical

TX, 802.11a - Emission (Ch 140)
Radiated Spurious Emission, Horizontal

TX, 802.11a - Emission (Ch 140)
Radiated Spurious Emission, Vertical


Mode	802.11a - Emission	Channel	144
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	*	11440	30	21.19	51.19	74	-22.81	PK
		14500	30.58	28	58.58	68.2	-9.62	PK
		14500	18.81	28	46.81	54	-7.19	AVG
		15475	29.75	25.98	55.73	74	-18.27	PK
		15475	20.92	25.98	46.9	54	-7.1	AVG
	*	17160	35.77	5.31	41.08	68.2	-27.12	PK
	*	22880	32.62	8.2	40.82	74	-33.18	PK
	*	28600	33.14	11.31	44.45	68.2	-23.75	PK
	*	34320	34.87	12.19	47.06	68.2	-21.14	PK
		39760	37.76	17.67	55.43	74	-18.57	PK
		39760	27.92	17.67	45.59	54	-8.41	AVG
Vertical	*	11440	30.63	21.19	51.82	74	-22.18	PK
		14485	28.52	27.98	56.5	74	-17.5	PK
		14485	20.25	27.98	48.23	54	-5.77	AVG
		15325	29.04	26.53	55.57	68.2	-12.63	PK
		15325	20.21	26.53	46.74	54	-7.26	AVG
	*	17160	34.38	5.31	39.69	68.2	-28.51	PK
	*	22880	33.05	8.2	41.25	74	-32.75	PK
	*	28600	33.58	11.31	44.89	68.2	-23.31	PK
	*	34320	34.66	12.19	46.85	68.2	-21.35	PK
		39928	37.8	18	55.8	74	-18.2	PK
		39928	27.96	18	45.96	54	-8.04	AVG

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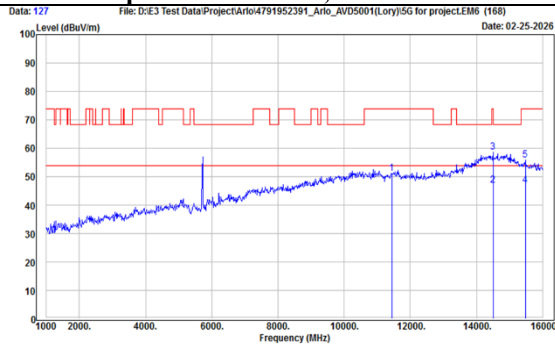
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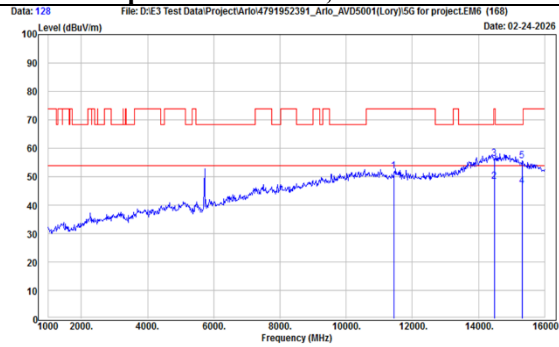
TX, 802.11a - Emission (Ch 144)

Radiated Spurious Emission, Horizontal



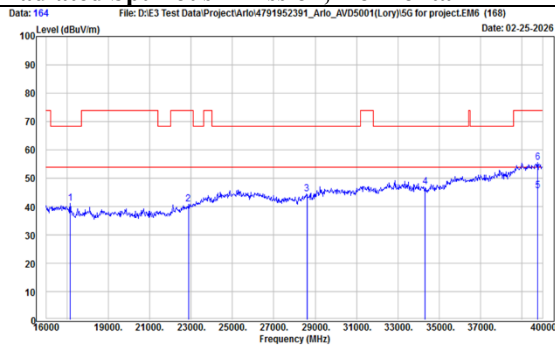
TX, 802.11a - Emission (Ch 144)

Radiated Spurious Emission, Vertical



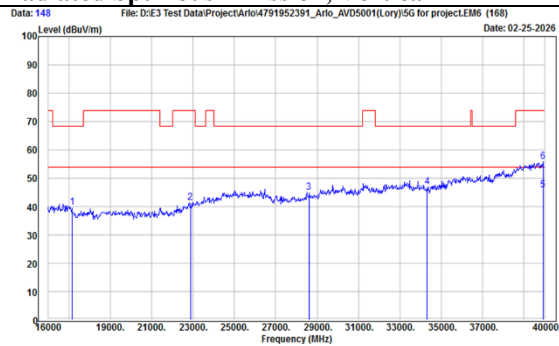
TX, 802.11a - Emission (Ch 144)

Radiated Spurious Emission, Horizontal



TX, 802.11a - Emission (Ch 144)

Radiated Spurious Emission, Vertical



Mode	802.11a - Emission	Channel	149
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	*	11490	31.07	21.49	52.56	74	-21.44	PK
		14500	29.31	28	57.31	68.2	-10.89	PK
		14500	21.04	28	49.04	54	-4.96	AVG
		15670	30.43	25.44	55.87	74	-18.13	PK
		15670	21.6	25.44	47.04	54	-6.96	AVG
	*	17235	37.07	5.15	42.22	68.2	-25.98	PK
	*	22980	33.21	8.46	41.67	74	-32.33	PK
	*	28725	32.44	11.41	43.85	68.2	-24.35	PK
	*	34470	35.38	12.02	47.4	68.2	-20.8	PK
		39520	38.21	17.31	55.52	74	-18.48	PK
		39520	28.37	17.31	45.68	54	-8.32	AVG
Vertical	*	11490	31.64	21.49	53.13	74	-20.87	PK
		14470	28.64	27.97	56.61	68.2	-11.59	PK
		14470	20.37	27.97	48.34	54	-5.66	AVG
		15370	29.36	26.29	55.65	74	-18.35	PK
		15370	20.53	26.29	46.82	54	-7.18	AVG
	*	17235	34.12	5.15	39.27	68.2	-28.93	PK
	*	22980	32.5	8.46	40.96	74	-33.04	PK
	*	28725	32.7	11.41	44.11	68.2	-24.09	PK
	*	34470	34.49	12.02	46.51	68.2	-21.69	PK
		39808	38.35	17.77	56.12	74	-17.88	PK
		39808	28.51	17.77	46.28	54	-7.72	AVG

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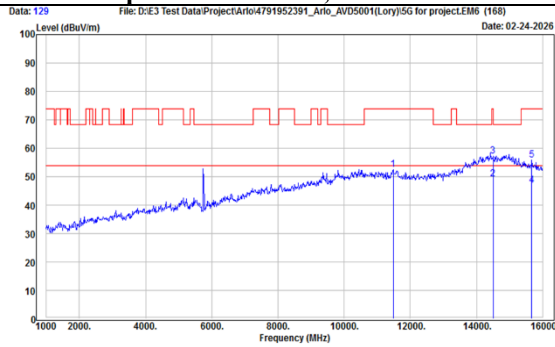
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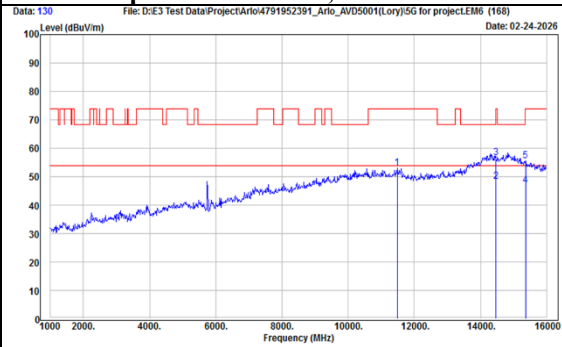
TX, 802.11a - Emission (Ch 149)

Radiated Spurious Emission, Horizontal



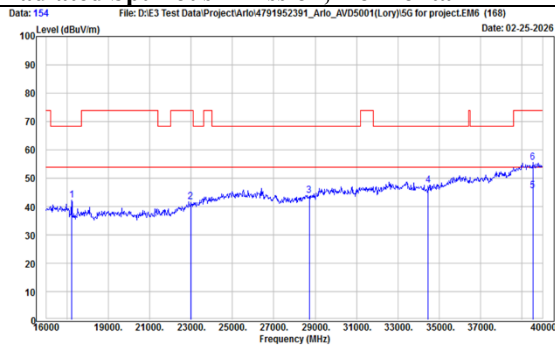
TX, 802.11a - Emission (Ch 149)

Radiated Spurious Emission, Vertical



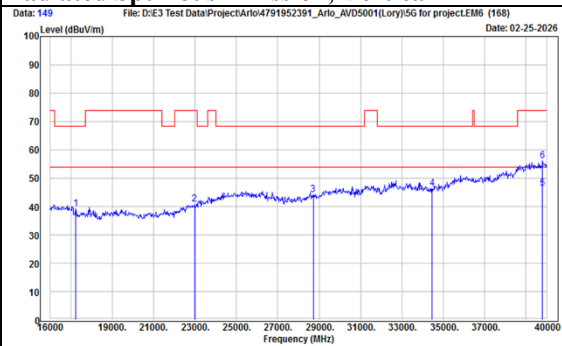
TX, 802.11a - Emission (Ch 149)

Radiated Spurious Emission, Horizontal



TX, 802.11a - Emission (Ch 149)

Radiated Spurious Emission, Vertical



Mode	802.11a - Emission	Channel	157
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	*	11570	30.3	21.26	51.56	74	-22.44	PK
		14470	28.89	27.97	56.86	68.2	-11.34	PK
		14470	20.62	27.97	48.59	54	-5.41	AVG
		15565	30.19	25.63	55.82	74	-18.18	PK
		15565	21.36	25.63	46.99	54	-7.01	AVG
	*	17355	34.88	4.91	39.79	68.2	-28.41	PK
	*	23140	32.53	8.82	41.35	68.2	-26.85	PK
	*	28925	32.65	11.63	44.28	68.2	-23.92	PK
	*	34710	35.03	12.17	47.2	68.2	-21	PK
		39112	38.34	16.97	55.31	74	-18.69	PK
		39112	28.5	16.97	45.47	54	-8.53	AVG
Vertical	*	11570	30.91	21.26	52.17	74	-21.83	PK
		14500	28.26	28	56.26	68.2	-11.94	PK
		14500	19.99	28	47.99	54	-6.01	AVG
		15490	28.82	25.95	54.77	74	-19.23	PK
		15490	19.99	25.95	45.94	54	-8.06	AVG
	*	17355	34	4.91	38.91	68.2	-29.29	PK
	*	23140	32.34	8.82	41.16	68.2	-27.04	PK
	*	28925	32.68	11.63	44.31	68.2	-23.89	PK
	*	34710	35.09	12.17	47.26	68.2	-20.94	PK
		39712	38.01	17.59	55.6	74	-18.4	PK
		39712	28.17	17.59	45.76	54	-8.24	AVG

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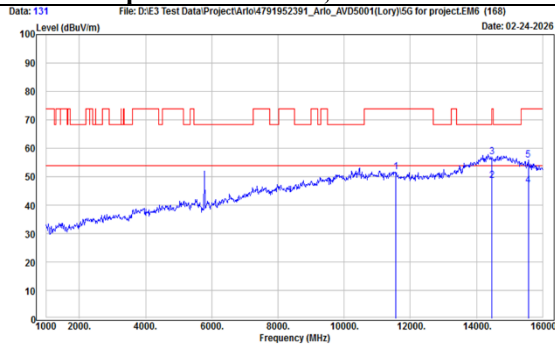
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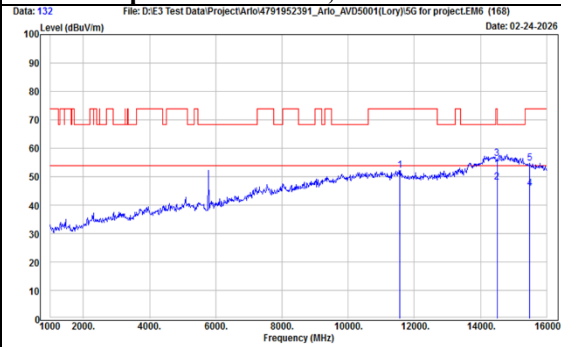
TX, 802.11a - Emission (Ch 157)

Radiated Spurious Emission, Horizontal



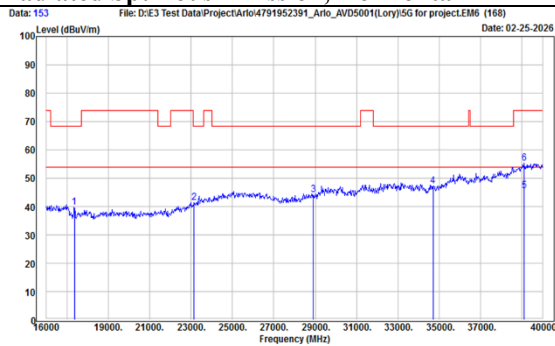
TX, 802.11a - Emission (Ch 157)

Radiated Spurious Emission, Vertical



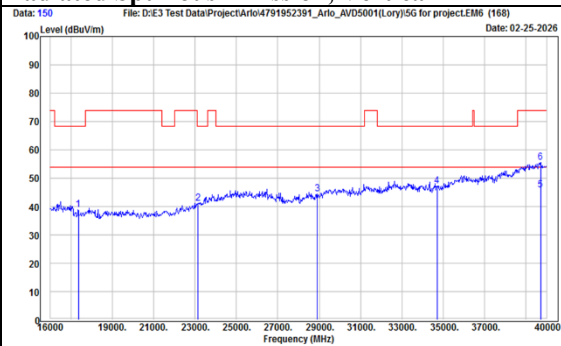
TX, 802.11a - Emission (Ch 157)

Radiated Spurious Emission, Horizontal



TX, 802.11a - Emission (Ch 157)

Radiated Spurious Emission, Vertical



Mode	802.11a - Emission	Channel	165
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	*	11650	30.58	20.98	51.56	74	-22.44	PK
		14485	28.11	27.98	56.09	74	-17.91	PK
		14485	19.84	27.98	47.82	54	-6.18	AVG
		15640	30.25	25.45	55.7	74	-18.3	PK
		15640	21.42	25.45	46.87	54	-7.13	AVG
	*	17475	35.97	4.66	40.63	68.2	-27.57	PK
	*	23300	32.95	9.16	42.11	68.2	-26.09	PK
	*	29125	33.06	11.97	45.03	68.2	-23.17	PK
	*	34950	35.67	12.05	47.72	68.2	-20.48	PK
		39664	37.83	17.53	55.36	74	-18.64	PK
		39664	27.99	17.53	45.52	54	-8.48	AVG
Vertical	*	11650	30.18	20.98	51.16	74	-22.84	PK
		14485	30.03	27.98	58.01	74	-15.99	PK
		14485	21.26	27.98	49.24	54	-4.76	AVG
		15310	29.17	26.6	55.77	68.2	-12.43	PK
		15310	20.34	26.6	46.94	54	-7.06	AVG
	*	17475	33.12	4.66	37.78	68.2	-30.42	PK
	*	23300	33.14	9.16	42.3	68.2	-25.9	PK
	*	29125	33	11.97	44.97	68.2	-23.23	PK
	*	34950	34.74	12.05	46.79	68.2	-21.41	PK
		39640	38.35	17.49	55.84	74	-18.16	PK
		39640	28.51	17.49	46	54	-8	AVG

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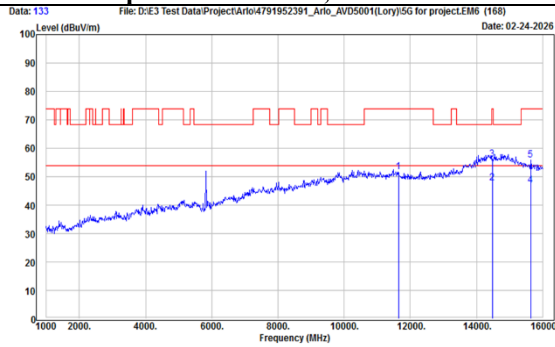
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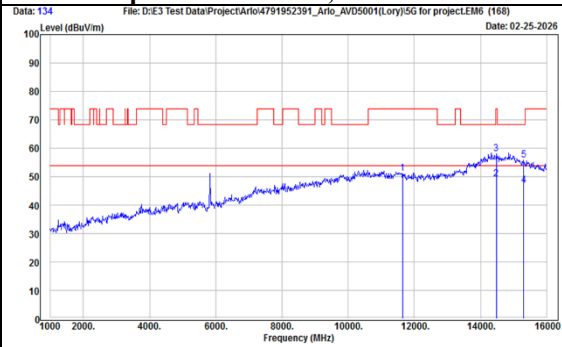
TX, 802.11a - Emission (Ch 165)

Radiated Spurious Emission, Horizontal



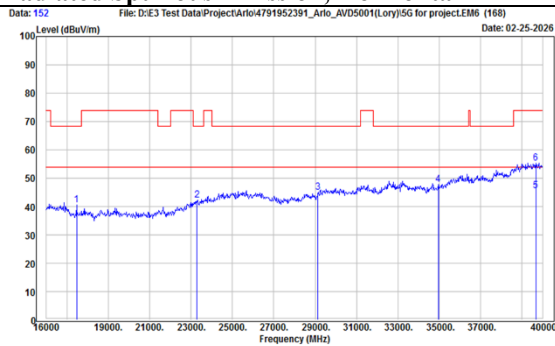
TX, 802.11a - Emission (Ch 165)

Radiated Spurious Emission, Vertical



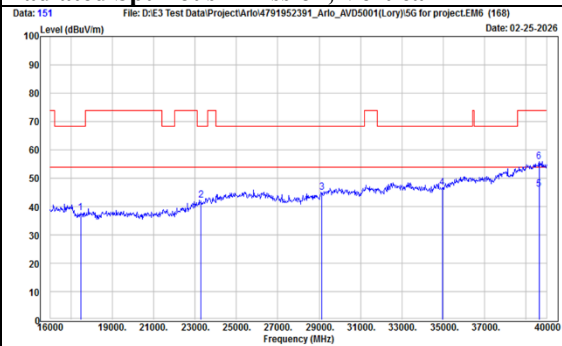
TX, 802.11a - Emission (Ch 165)

Radiated Spurious Emission, Horizontal



TX, 802.11a - Emission (Ch 165)

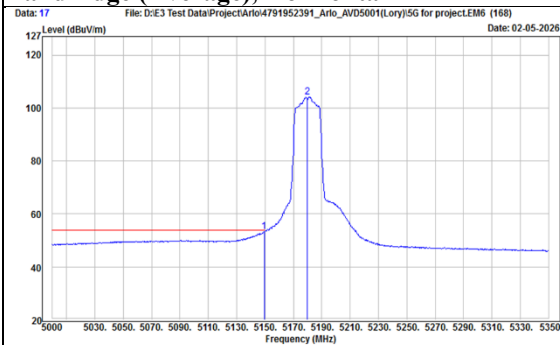
Radiated Spurious Emission, Vertical



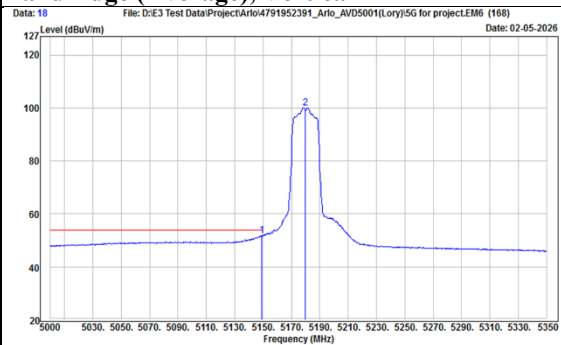
Mode	802.11n(HT20)	Channel	36
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5146.3	44.63	18.52	63.15	74	-10.85	PK
		5149.45	34.86	18.52	53.38	54	-0.62	AVG
	@	5180	94.37	18.31	112.68	N/A	N/A	PK
	@	5180	85.88	18.31	104.19	N/A	N/A	AVG
Vertical		5141.05	44.43	18.55	62.98	74	-11.02	PK
		5149.1	33.29	18.52	51.81	54	-2.19	AVG
	@	5180	90.29	18.31	108.6	N/A	N/A	PK
	@	5180	81.71	18.31	100.02	N/A	N/A	AVG

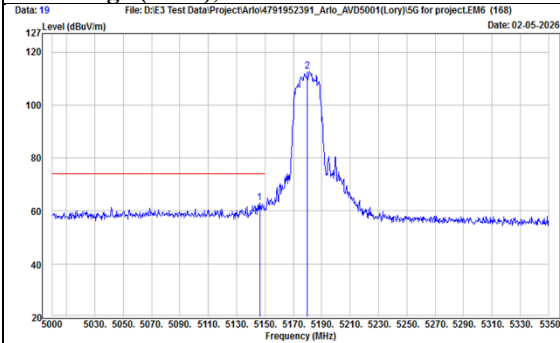
TX, 802.11n(HT20) (Ch 36)
Band Edge (Average), Horizontal



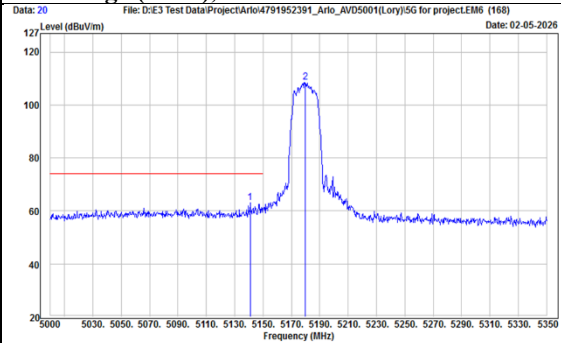
TX, 802.11n(HT20) (Ch 36)
Band Edge (Average), Vertical



TX, 802.11n(HT20) (Ch 36)
Band Edge (Peak), Horizontal



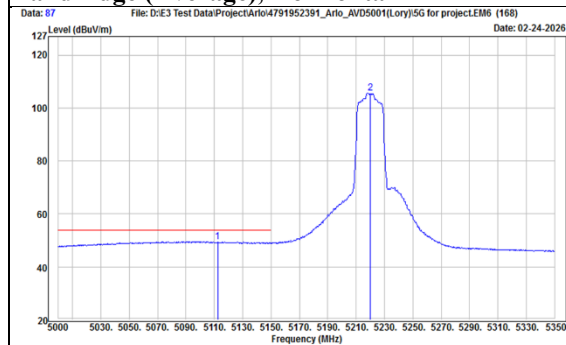
TX, 802.11n(HT20) (Ch 36)
Band Edge (Peak), Vertical



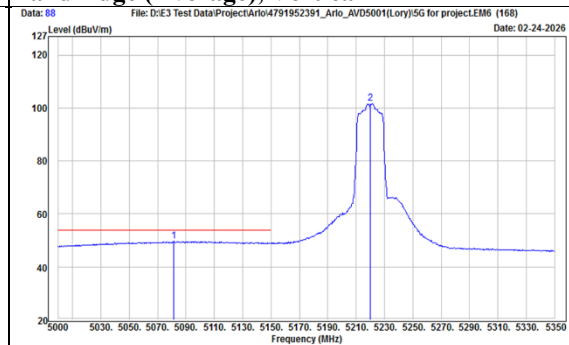
Mode	802.11n(HT20)	Channel	44
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5112.35	30.9	18.63	49.53	54	-4.47	AVG
		5118.65	42.82	18.61	61.43	74	-12.57	PK
	@	5220	94.43	18.15	112.58	N/A	N/A	PK
	@	5220	87.49	18.15	105.64	N/A	N/A	AVG
Vertical		5081.55	31.2	18.49	49.69	54	-4.31	AVG
		5094.5	42.42	18.62	61.04	74	-12.96	PK
	@	5220	91.27	18.15	109.42	N/A	N/A	PK
	@	5220	83.44	18.15	101.59	N/A	N/A	AVG

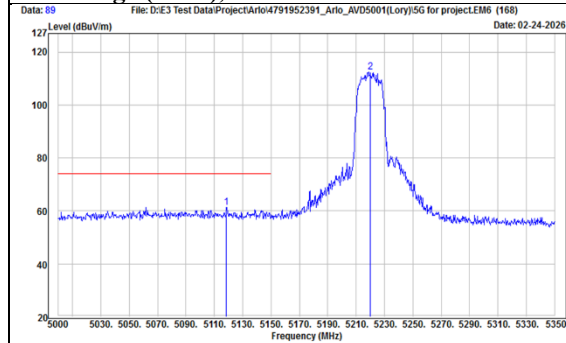
TX, 802.11n(HT20) (Ch 44)
Band Edge (Average), Horizontal



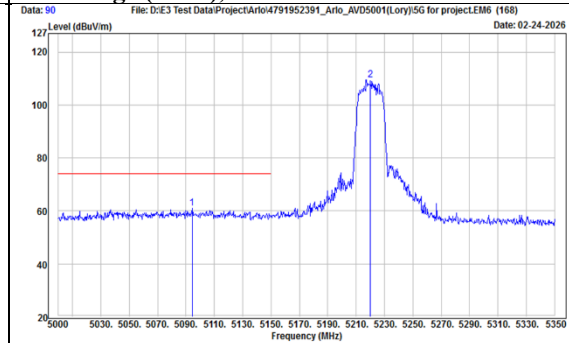
TX, 802.11n(HT20) (Ch 44)
Band Edge (Average), Vertical



TX, 802.11n(HT20) (Ch 44)
Band Edge (Peak), Horizontal

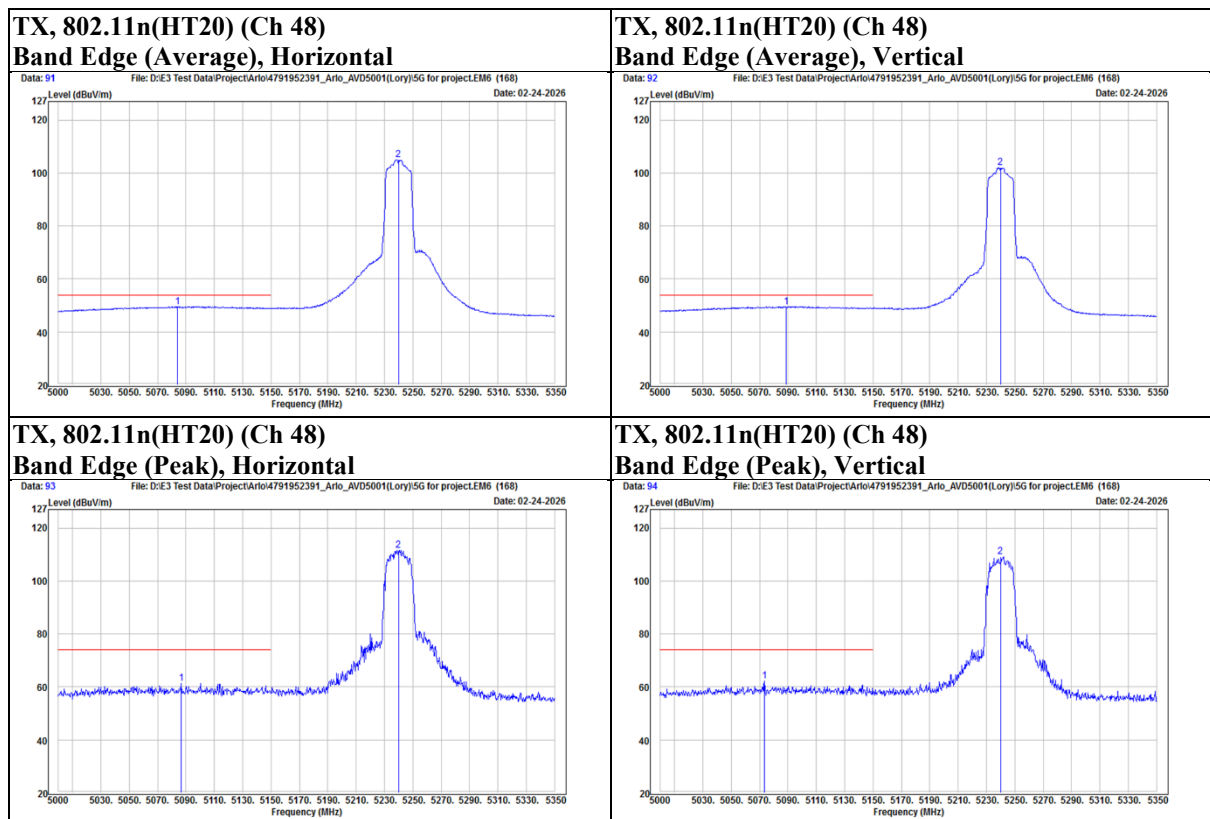


TX, 802.11n(HT20) (Ch 44)
Band Edge (Peak), Vertical



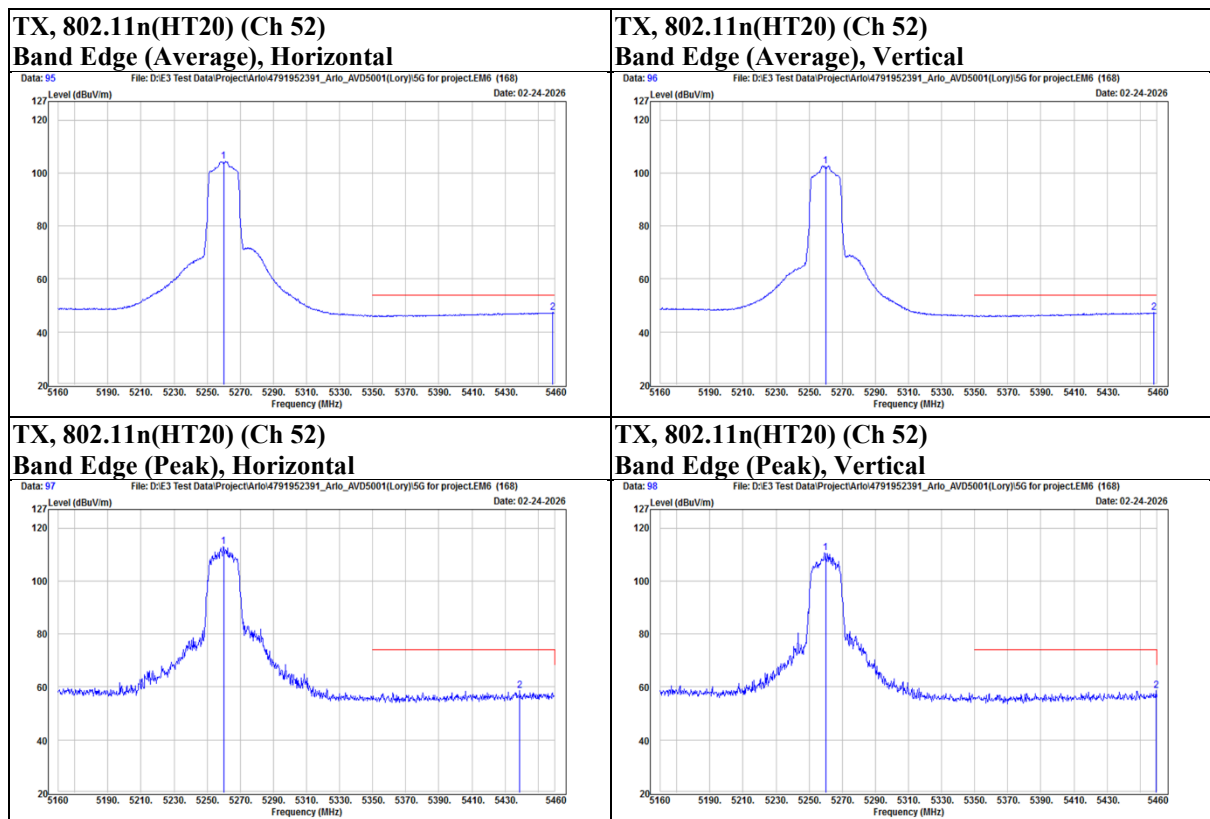
Mode	802.11n(HT20)	Channel	48
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5084	31.04	18.51	49.55	54	-4.45	AVG
		5086.8	42.76	18.54	61.3	74	-12.7	PK
	@	5240	93.55	18.13	111.68	N/A	N/A	PK
	@	5240	86.81	18.13	104.94	N/A	N/A	AVG
Vertical		5073.5	43.71	18.42	62.13	74	-11.87	PK
		5088.9	30.98	18.56	49.54	54	-4.46	AVG
	@	5240	90.94	18.13	109.07	N/A	N/A	PK
	@	5240	83.76	18.13	101.89	N/A	N/A	AVG



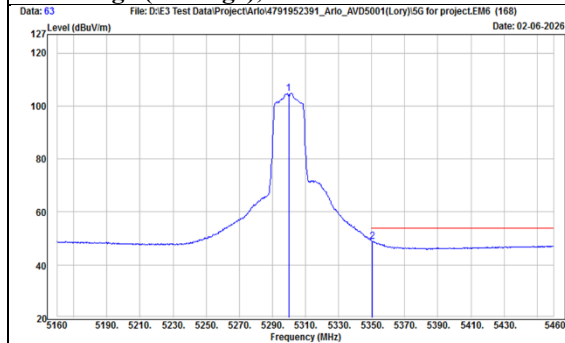
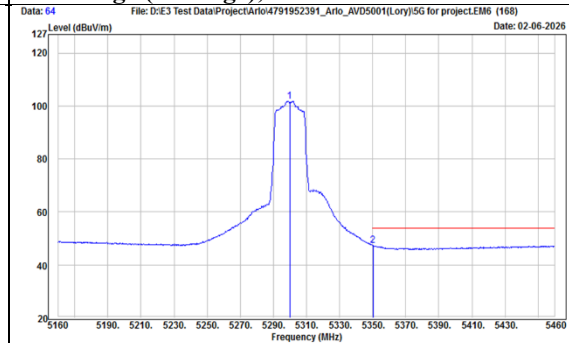
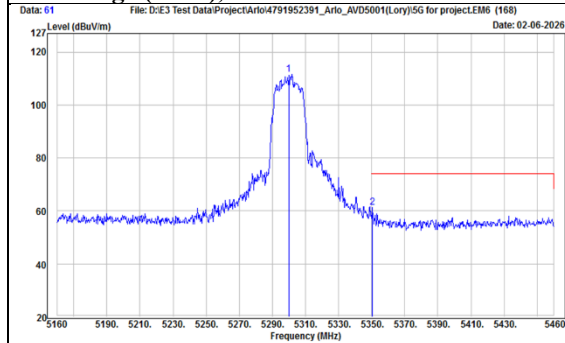
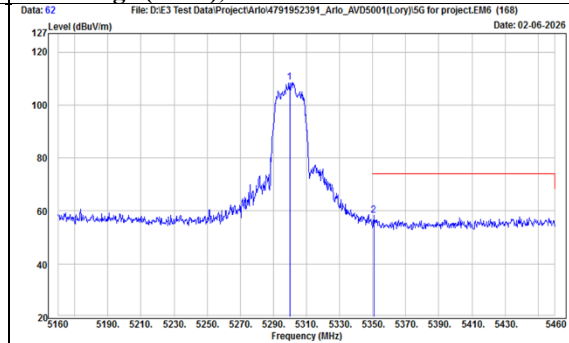
Mode	802.11n(HT20)	Channel	52
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	@	5260	94.81	18.1	112.91	N/A	N/A	PK
	@	5260	86.18	18.1	104.28	N/A	N/A	AVG
		5439	40.13	18.53	58.66	74	-15.34	PK
		5458.8	28.55	18.68	47.23	54	-6.77	AVG
Vertical	@	5260	92.46	18.1	110.56	N/A	N/A	PK
	@	5260	84.46	18.1	102.56	N/A	N/A	AVG
		5458.5	28.64	18.68	47.32	54	-6.68	AVG
		5459.7	39.94	18.7	58.64	74	-15.36	PK



Mode	802.11n(HT20)	Channel	60
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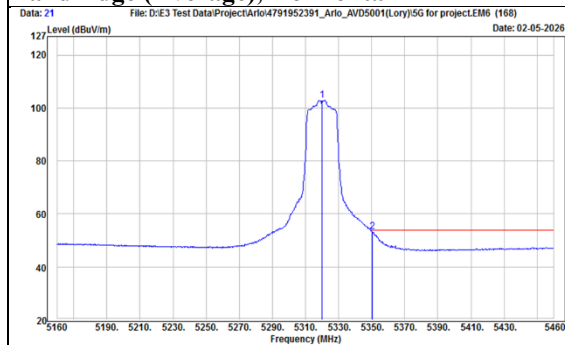
Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	@	5300	93.61	17.97	111.58	N/A	N/A	PK
	@	5300	86.8	17.97	104.77	N/A	N/A	AVG
		5350.5	43.62	17.82	61.44	74	-12.56	PK
		5350.5	31.16	17.82	48.98	54	-5.02	AVG
Vertical	@	5300	90.56	17.97	108.53	N/A	N/A	PK
	@	5300	83.89	17.97	101.86	N/A	N/A	AVG
		5350.2	29.46	17.82	47.28	54	-6.72	AVG
		5350.8	40.57	17.83	58.4	74	-15.6	PK

TX, 802.11n(HT20) (Ch 60)
Band Edge (Average), Horizontal

TX, 802.11n(HT20) (Ch 60)
Band Edge (Average), Vertical

TX, 802.11n(HT20) (Ch 60)
Band Edge (Peak), Horizontal

TX, 802.11n(HT20) (Ch 60)
Band Edge (Peak), Vertical


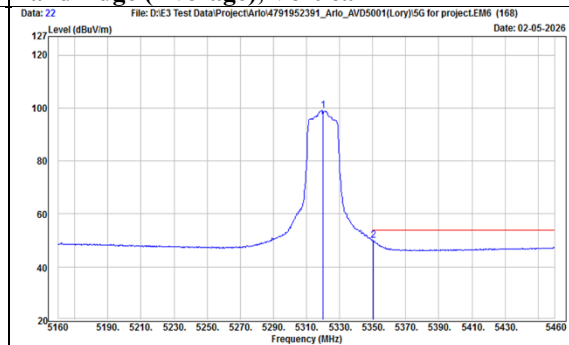
Mode	802.11n(HT20)	Channel	64
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	@	5320	93.8	17.91	111.71	N/A	N/A	PK
	@	5320	84.88	17.91	102.79	N/A	N/A	AVG
		5350.5	35.58	17.82	53.4	54	-0.6	AVG
		5358	47.29	17.89	65.18	74	-8.82	PK
Vertical	@	5320	89.35	17.91	107.26	N/A	N/A	PK
	@	5320	81.12	17.91	99.03	N/A	N/A	AVG
		5350.5	32.08	17.82	49.9	54	-4.1	AVG
		5352	43.21	17.84	61.05	74	-12.95	PK

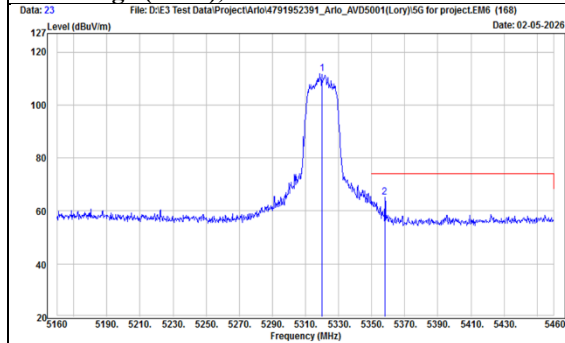
TX, 802.11n(HT20) (Ch 64)
Band Edge (Average), Horizontal



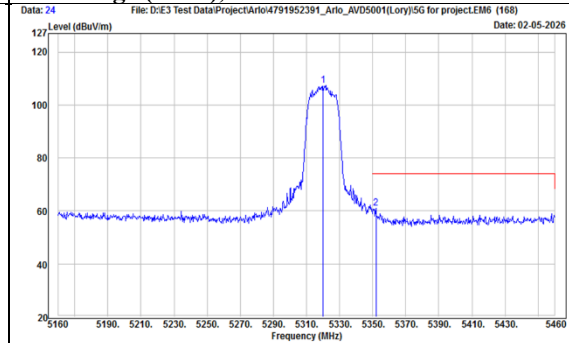
TX, 802.11n(HT20) (Ch 64)
Band Edge (Average), Vertical



TX, 802.11n(HT20) (Ch 64)
Band Edge (Peak), Horizontal

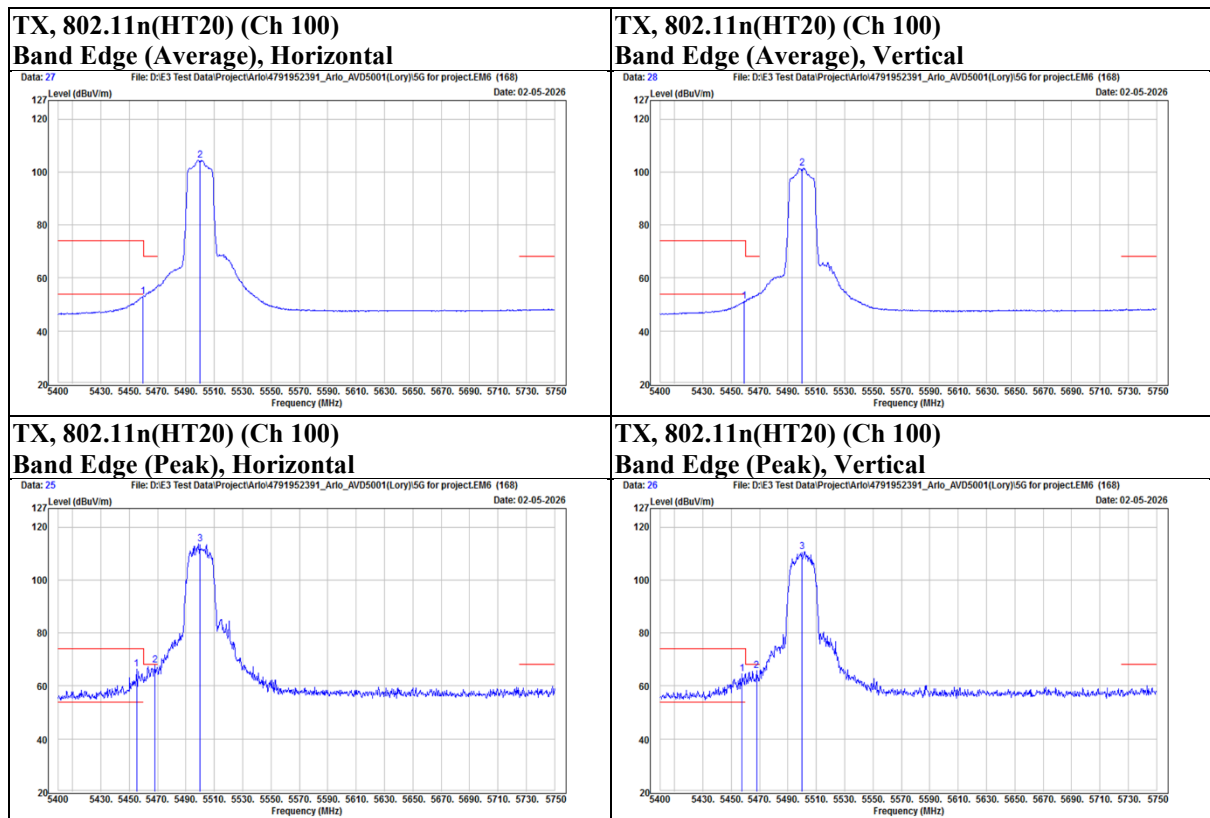


TX, 802.11n(HT20) (Ch 64)
Band Edge (Peak), Vertical



Mode	802.11n(HT20)	Channel	100
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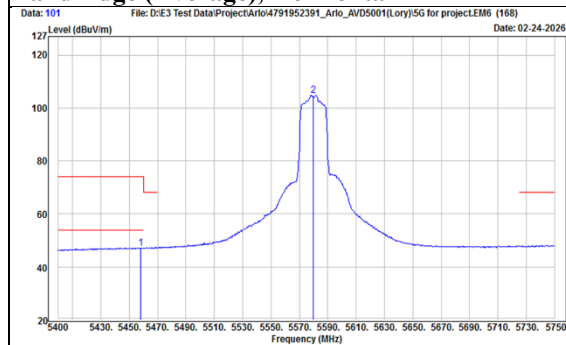
Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5455.3	47.56	18.67	66.23	74	-7.77	PK
		5459.85	34.38	18.7	53.08	54	-0.92	AVG
		5468.25	48.98	18.76	67.74	68.2	-0.46	PK
	@	5500	94.56	18.98	113.54	N/A	N/A	PK
	@	5500	85.39	18.98	104.37	N/A	N/A	AVG
Vertical		5457.75	45.75	18.69	64.44	74	-9.56	PK
		5459.15	32.51	18.68	51.19	54	-2.81	AVG
		5467.9	46.99	18.76	65.75	68.2	-2.45	PK
	@	5500	91.6	18.98	110.58	N/A	N/A	PK
	@	5500	82.4	18.98	101.38	N/A	N/A	AVG



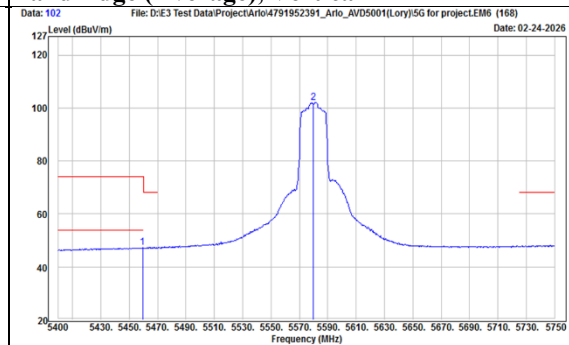
Mode	802.11n(HT20)	Channel	116
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5457.75	39.64	18.69	58.33	74	-15.67	PK
		5458.1	28.47	18.69	47.16	54	-6.84	AVG
		5464.4	39.68	18.73	58.41	68.2	-9.79	PK
	@	5580	93.34	18.74	112.08	N/A	N/A	PK
	@	5580	85.97	18.74	104.71	N/A	N/A	AVG
		5748.25	40.28	19.01	59.29	68.2	-8.91	PK
Vertical		5429.05	40.54	18.44	58.98	74	-15.02	PK
		5459.5	28.51	18.69	47.2	54	-6.8	AVG
		5464.75	39.92	18.73	58.65	68.2	-9.55	PK
	@	5580	91.49	18.74	110.23	N/A	N/A	PK
	@	5580	83.41	18.74	102.15	N/A	N/A	AVG
		5747.55	39.48	19.01	58.49	68.2	-9.71	PK

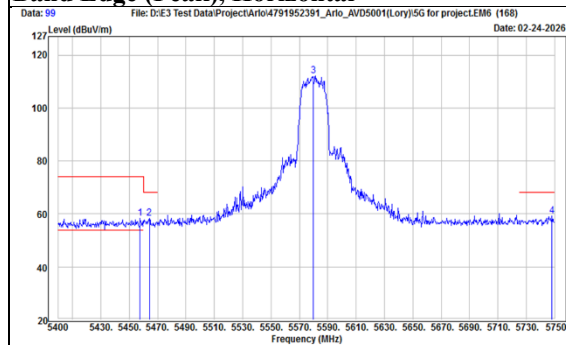
TX, 802.11n(HT20) (Ch 116)
Band Edge (Average), Horizontal



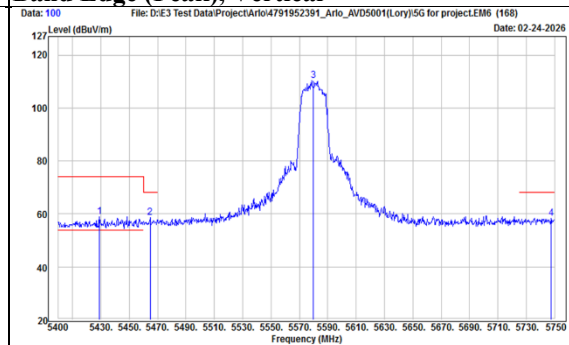
TX, 802.11n(HT20) (Ch 116)
Band Edge (Average), Vertical



TX, 802.11n(HT20) (Ch 116)
Band Edge (Peak), Horizontal



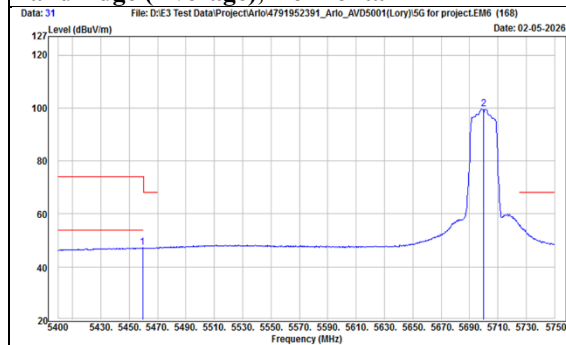
TX, 802.11n(HT20) (Ch 116)
Band Edge (Peak), Vertical



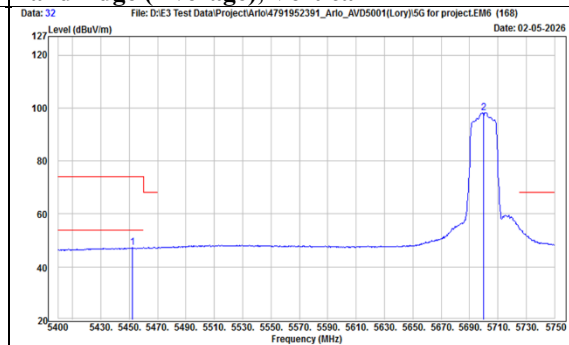
Mode	802.11n(HT20)	Channel	140
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5456.7	39.92	18.68	58.6	74	-15.4	PK
		5459.5	28.52	18.69	47.21	54	-6.79	AVG
		5465.1	39.22	18.73	57.95	68.2	-10.25	PK
	@	5700	90.26	18.67	108.93	N/A	N/A	PK
	@	5700	80.85	18.67	99.52	N/A	N/A	AVG
		5725.15	48.86	18.85	67.71	68.2	-0.49	PK
Vertical		5439.2	40.23	18.53	58.76	74	-15.24	PK
		5452.5	28.6	18.65	47.25	54	-6.75	AVG
		5468.95	39.51	18.76	58.27	68.2	-9.93	PK
	@	5700	89.44	18.67	108.11	N/A	N/A	PK
	@	5700	79.54	18.67	98.21	N/A	N/A	AVG
		5725	46.06	18.85	64.91	68.2	-3.29	PK

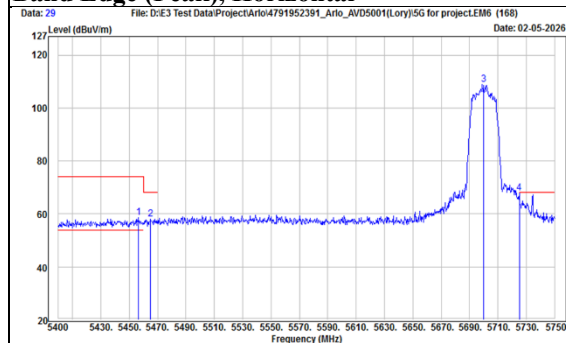
TX, 802.11n(HT20) (Ch 140)
Band Edge (Average), Horizontal



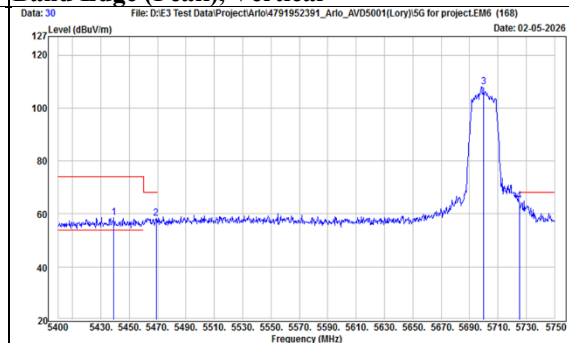
TX, 802.11n(HT20) (Ch 140)
Band Edge (Average), Vertical



TX, 802.11n(HT20) (Ch 140)
Band Edge (Peak), Horizontal



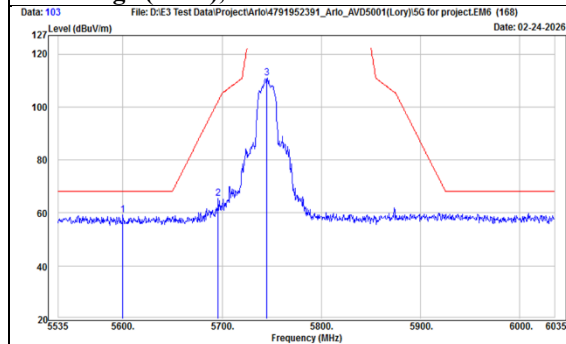
TX, 802.11n(HT20) (Ch 140)
Band Edge (Peak), Vertical



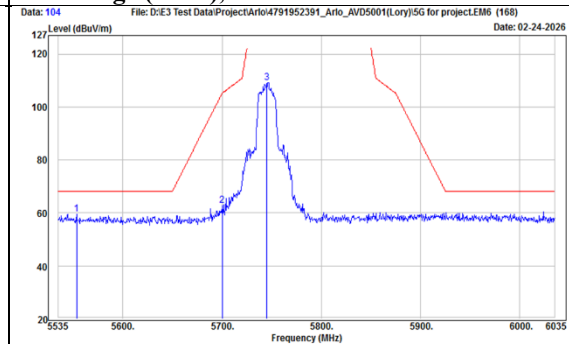
Mode	802.11n(HT20)	Channel	149
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5600	40.56	18.68	59.24	68.2	-8.96	PK
		5696	46.67	18.67	65.34	102.25	-36.91	PK
	@	5745	91.93	18.99	110.92	N/A	N/A	PK
Vertical		5553.5	40.61	18.83	59.44	68.2	-8.76	PK
		5700	44.07	18.67	62.74	105.2	-42.46	PK
	@	5745	90.24	18.99	109.23	N/A	N/A	PK

TX, 802.11n(HT20) (Ch 149)
Band Edge (Peak), Horizontal

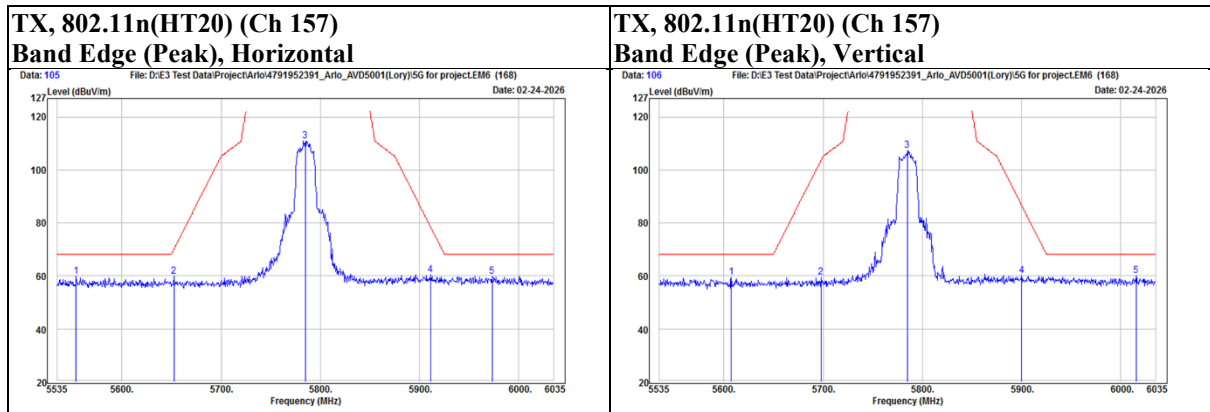


TX, 802.11n(HT20) (Ch 149)
Band Edge (Peak), Vertical



Mode	802.11n(HT20)	Channel	157
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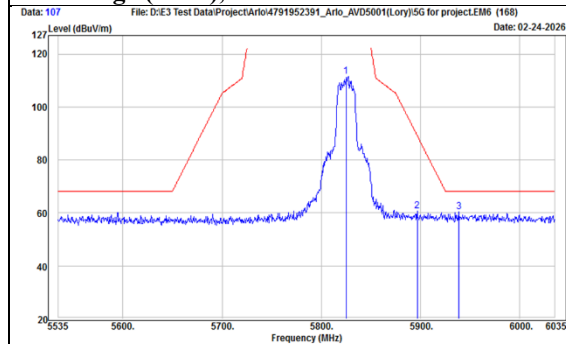
Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	@	5554	40.99	18.82	59.81	68.2	-8.39	PK
		5652.5	41.3	18.63	59.93	70.06	-10.13	PK
		5785	91.88	19.19	111.07	N/A	N/A	PK
		5911	40.58	19.83	60.41	78.53	-18.12	PK
		5973	40.09	19.78	59.87	68.2	-8.33	PK
Vertical	@	5607.5	40.79	18.66	59.45	68.2	-8.75	PK
		5698	40.95	18.67	59.62	103.73	-44.11	PK
		5785	88.19	19.19	107.38	N/A	N/A	PK
		5900	40.33	19.86	60.19	86.66	-26.47	PK
		6015.5	40.27	19.88	60.15	68.2	-8.05	PK



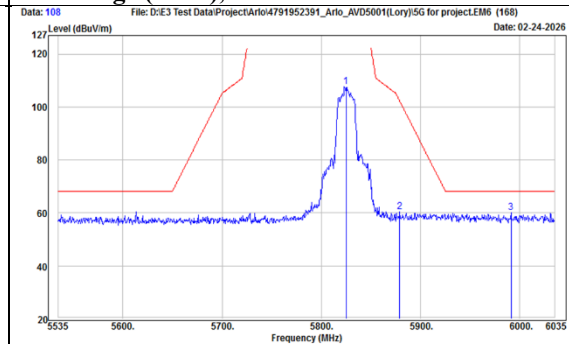
Mode	802.11n(HT20)	Channel	165
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	@	5825	92.15	19.44	111.59	N/A	N/A	PK
		5896.5	41	19.84	60.84	89.25	-28.41	PK
		5938.5	40.66	19.74	60.4	68.2	-7.8	PK
Vertical	@	5825	88.32	19.44	107.76	N/A	N/A	PK
		5879	40.63	19.76	60.39	102.23	-41.84	PK
		5991	40.18	19.82	60	68.2	-8.2	PK

TX, 802.11n(HT20) (Ch 165)
Band Edge (Peak), Horizontal



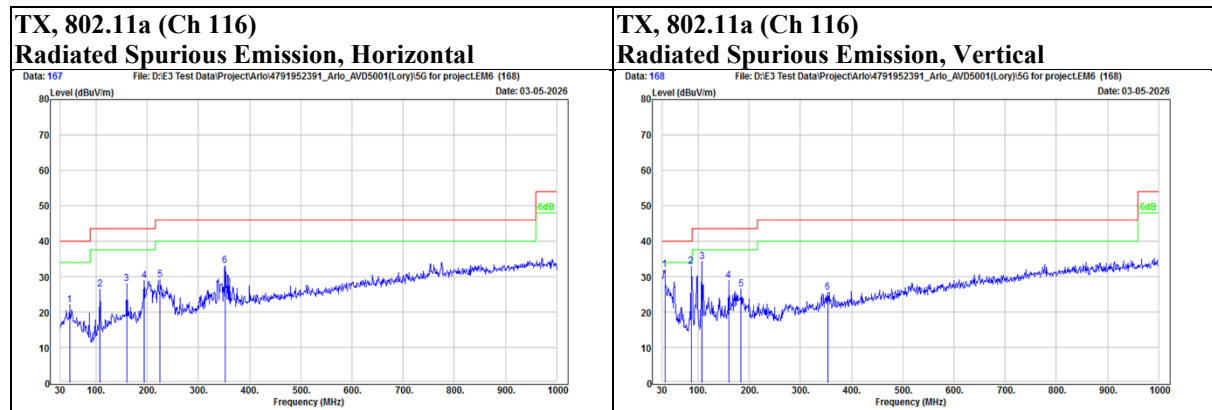
TX, 802.11n(HT20) (Ch 165)
Band Edge (Peak), Vertical



Below 1 GHz

Mode	802.11a	Channel	116
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		48.43	33.83	-11.8	22.03	40	-17.97	PK
		107.6	41.45	-15.09	26.36	43.5	-17.14	PK
		159.98	39.31	-11.38	27.93	43.5	-15.57	PK
		193.93	43.2	-14.22	28.98	43.5	-14.52	PK
		224.97	43.18	-14.16	29.02	46	-16.98	PK
		352.04	42.04	-8.93	33.11	46	-12.89	PK
Vertical		34.85	45.43	-13.33	32.1	40	-7.9	PK
		86.26	50.61	-17.79	32.82	40	-7.18	PK
		107.6	49.4	-15.09	34.31	43.5	-9.19	PK
		159.98	40.18	-11.38	28.8	43.5	-14.7	PK
		184.23	39.97	-13.42	26.55	43.5	-16.95	PK
		353.01	34.5	-8.89	25.61	46	-20.39	PK

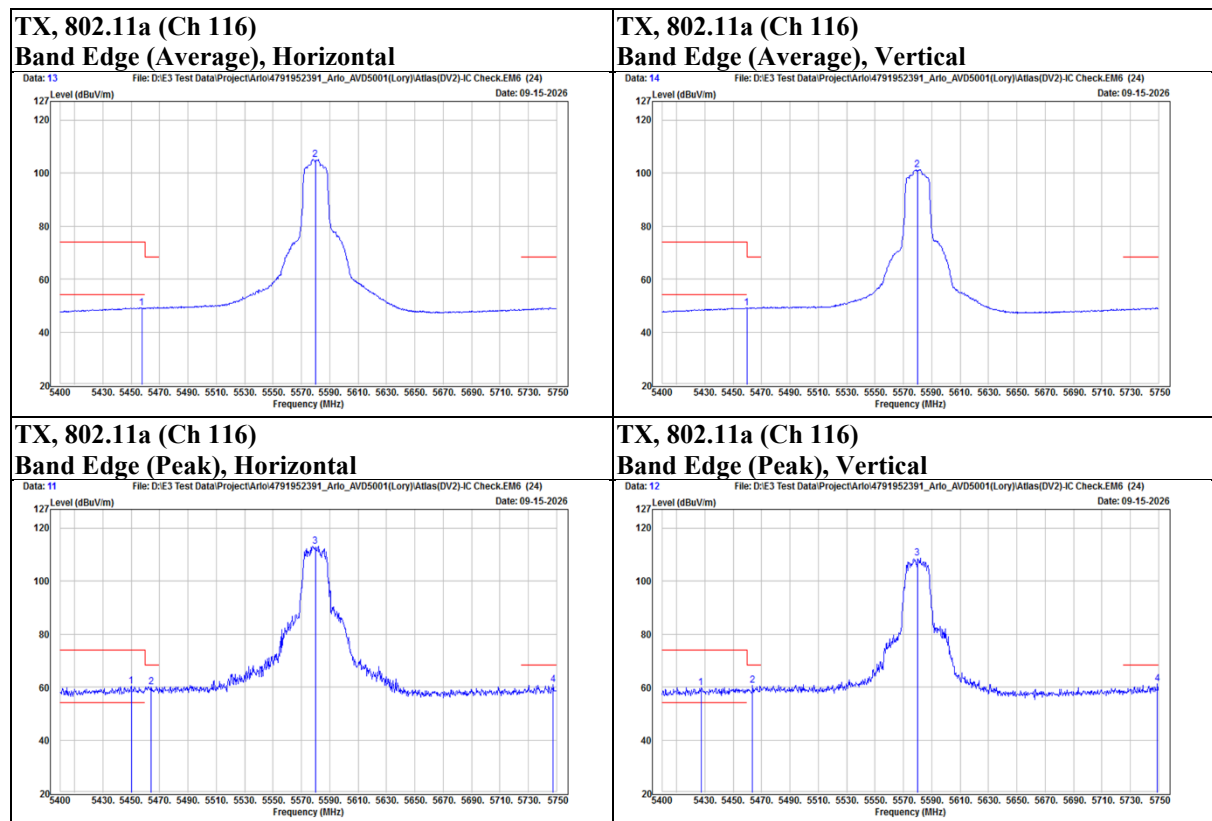


AVD6002

Above 1 GHz

Mode	802.11a	Channel	116
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5450.05	41.71	18.63	60.34	74	-13.66	PK
		5457.4	30.37	18.68	49.05	54	-4.95	AVG
		5464.05	41.43	18.72	60.15	68.2	-8.05	PK
	@	5580	94.35	18.74	113.09	N/A	N/A	PK
	@	5580	86.36	18.74	105.1	N/A	N/A	AVG
Vertical		5747.55	41.78	19.01	60.79	68.2	-7.41	PK
		5427.3	41.43	18.43	59.86	74	-14.14	PK
		5459.5	30.33	18.69	49.02	54	-4.98	AVG
		5463.7	41.87	18.72	60.59	68.2	-7.61	PK
	@	5580	90.01	18.74	108.75	N/A	N/A	PK
	@	5580	82.55	18.74	101.29	N/A	N/A	AVG
		5749.3	42.08	19.02	61.1	68.2	-7.1	PK



Underwriters Laboratories Taiwan Co., Ltd.

Building A, B and E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948

Doc No: Form-ULID-004739 (DCS:17-EM-F0878) / 6.1

Mode	802.11a - Emission	Channel	116
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	*	11160	31.27	20.54	51.81	74	-22.19	PK
		14500	32.11	28	60.11	68.2	-8.09	PK
		14500	19.66	28	47.66	54	-6.34	AVG
		15490	31.56	25.95	57.51	74	-16.49	PK
		15490	21.82	25.95	47.77	54	-6.23	AVG
	*	16740	36.45	5.17	41.62	68.2	-26.58	PK
	*	22320	34.88	6.78	41.66	74	-32.34	PK
	*	27900	35.83	10.58	46.41	68.2	-21.79	PK
	*	33480	37.61	12.33	49.94	68.2	-18.26	PK
		39880	39.54	17.59	57.13	74	-16.87	PK
		39880	29.7	17.59	47.29	54	-6.71	AVG
Vertical	*	11160	31.13	20.54	51.67	74	-22.33	PK
		14500	31.06	28	59.06	68.2	-9.14	PK
		14500	19.64	28	47.64	54	-6.36	AVG
		15415	31.58	26.1	57.68	74	-16.32	PK
		15415	21.84	26.1	47.94	54	-6.06	AVG
	*	16740	36.36	5.17	41.53	68.2	-26.67	PK
	*	22320	34.95	6.78	41.73	74	-32.27	PK
	*	27900	35.31	10.58	45.89	68.2	-22.31	PK
	*	33480	37.91	12.33	50.24	68.2	-17.96	PK
		39568	40.08	17.11	57.19	74	-16.81	PK
		39568	30.24	17.11	47.35	54	-6.65	AVG

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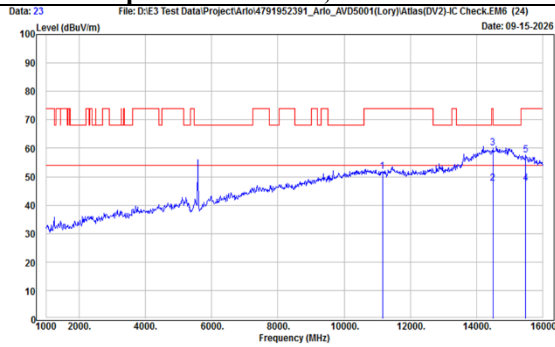
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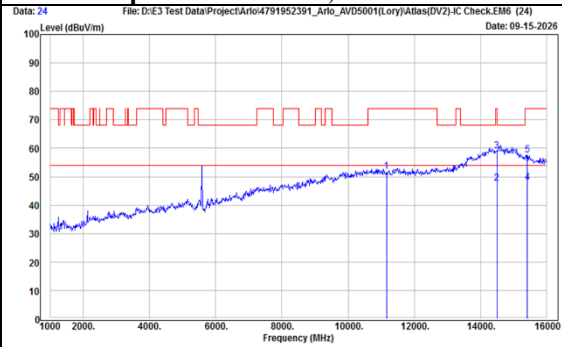
TX, 802.11a - Emission (Ch 116)

Radiated Spurious Emission, Horizontal



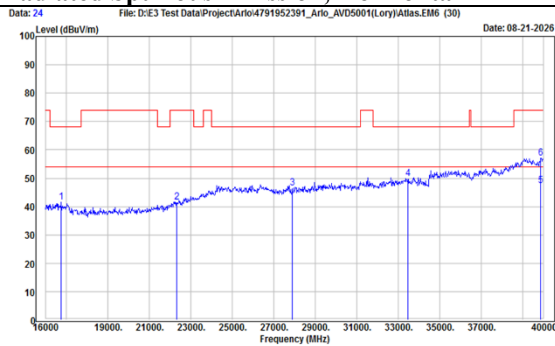
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Radiated Spurious Emission, Vertical



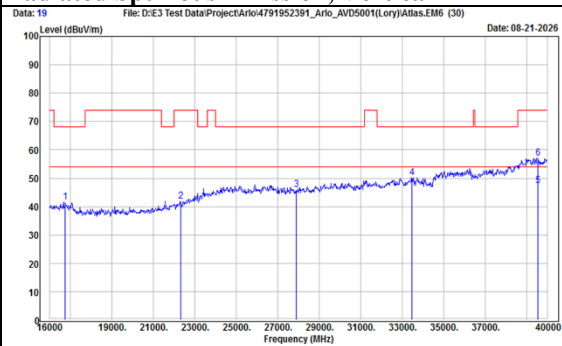
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Radiated Spurious Emission, Horizontal



TX, 802.11a - Emission (Ch 116)

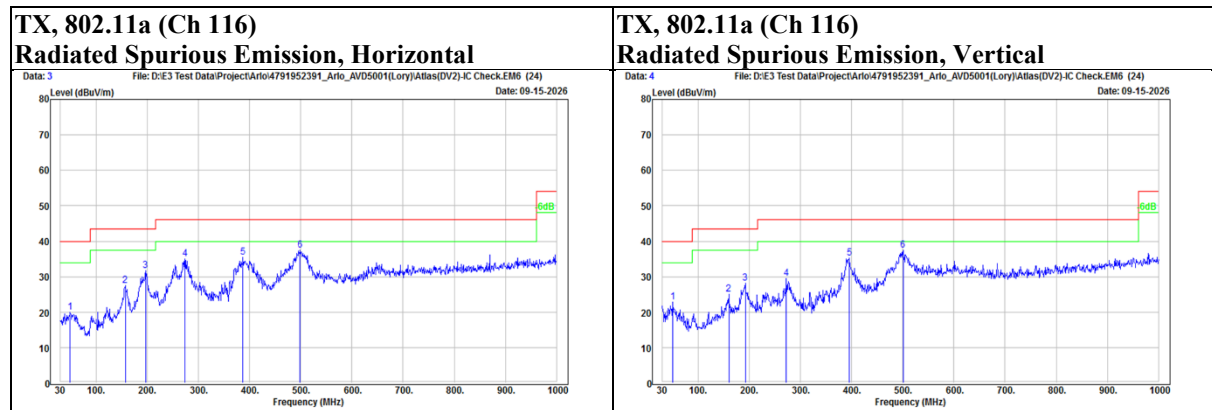
Radiated Spurious Emission, Vertical



Below 1 GHz

Mode	802.11a	Channel	116
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		49.4	30.86	-10.91	19.95	40	-20.05	PK
		157.07	38.15	-10.63	27.52	43.5	-15.98	PK
		196.84	44.95	-13.33	31.62	43.5	-11.88	PK
		273.47	45.43	-10.34	35.09	46	-10.91	PK
		386.96	42.25	-6.76	35.49	46	-10.51	PK
		498.51	41.49	-4.14	37.35	46	-8.65	PK
Vertical		50.37	33.72	-10.79	22.93	40	-17.07	PK
		159.98	35.66	-10.61	25.05	43.5	-18.45	PK
		191.99	41.17	-13.07	28.1	43.5	-15.4	PK
		272.5	39.93	-10.41	29.52	46	-16.48	PK
		395.69	41.66	-6.52	35.14	46	-10.86	PK
		500.45	41.51	-4.08	37.43	46	-8.57	PK



9 kHz ~ 30 MHz Data:

For 9 kHz to 30 MHz radiated emission have performed all modes of operation were investigated. The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

No non-compliance noted:

KDB 414788 D01 OATS and Chamber Correlation Justification

- Base on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

- OATs and chamber correlation testing had been performed and chamber measured test results is the worst case test result.

Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30m open area test site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.

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9.8. AC Power Line Conducted Emission

Requirements

Frequency (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note:

1. The lower limit shall apply at the transition frequencies.
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

Test Procedures

- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

NOTE:

1. The resolution bandwidth and video bandwidth of test receiver is 9kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15MHz-30MHz.
2. All modes of operation were investigated (includes all external accessories) and the worst-case emissions are reported, the other emission levels were low against the limit.
3. Test data of Result value (dBuV) = Reading value (dBuV) + Correction Factor (dB).
4. Test data of Margin(dB) = Result value (dBuV) - Limit value (dBuV).
5. Test data of Correction Factor (dB) = Insertion loss(dB) + Cable loss(dB).

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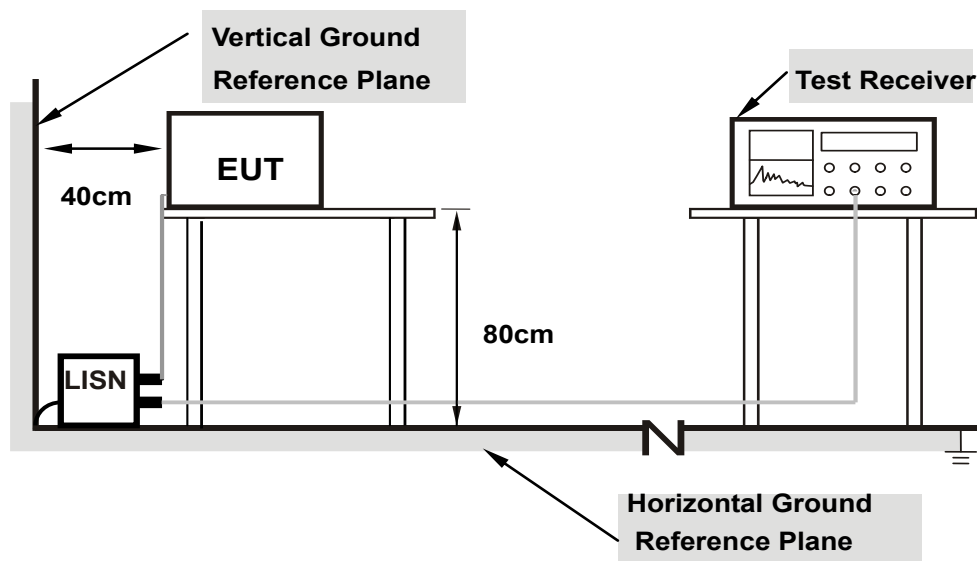
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Test Setup



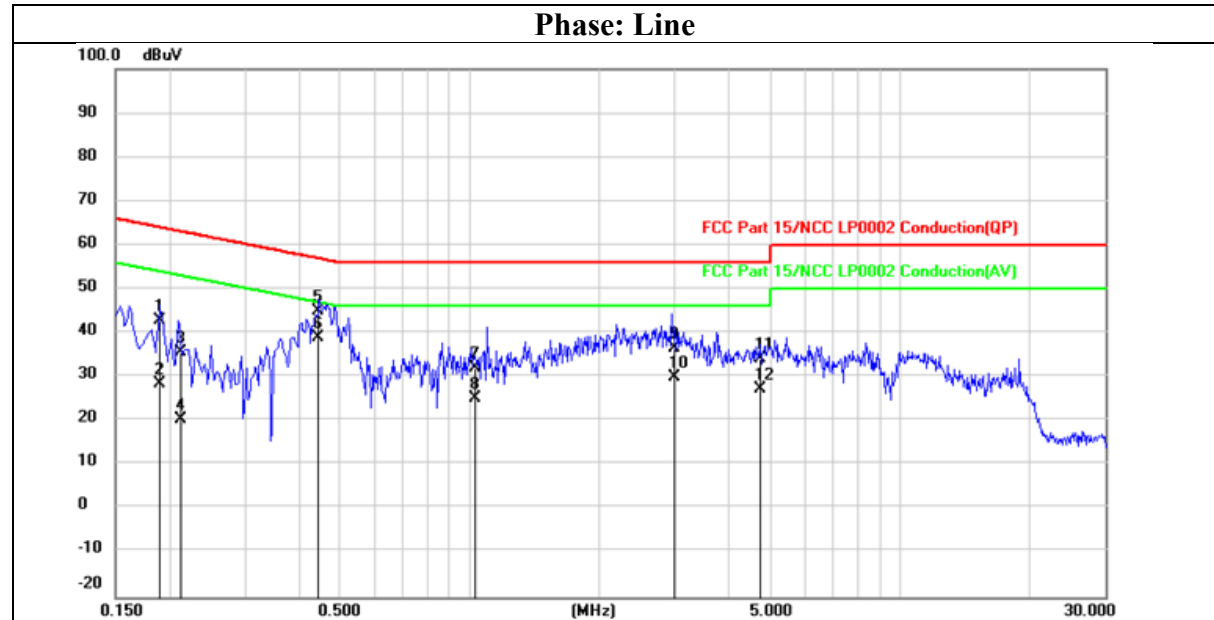
Note: 1.Support units were connected to second LISN.

For the actual test configuration, please refer to the Setup Configurations.

Test Data

AVD6001, AVD5001

Mode	HT20_TX5580	Channel	116
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No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1904	32.78	9.95	42.73	64.02	-21.29	QP
2	0.1904	18.36	9.95	28.31	54.02	-25.71	AVG
3	0.2133	25.63	9.95	35.58	63.08	-27.50	QP
4	0.2133	10.47	9.95	20.42	53.08	-32.66	AVG
5	0.4466	35.12	9.97	45.09	56.94	-11.85	QP
6	0.4466	28.92	9.97	38.89	46.94	-8.05	AVG
7	1.0298	21.99	10.02	32.01	56.00	-23.99	QP
8	1.0298	15.07	10.02	25.09	46.00	-20.91	AVG
9	2.9804	26.50	10.13	36.63	56.00	-19.37	QP
10	2.9804	19.96	10.13	30.09	46.00	-15.91	AVG
11	4.7065	23.84	10.18	34.02	56.00	-21.98	QP
12	4.7065	17.19	10.18	27.37	46.00	-18.63	AVG

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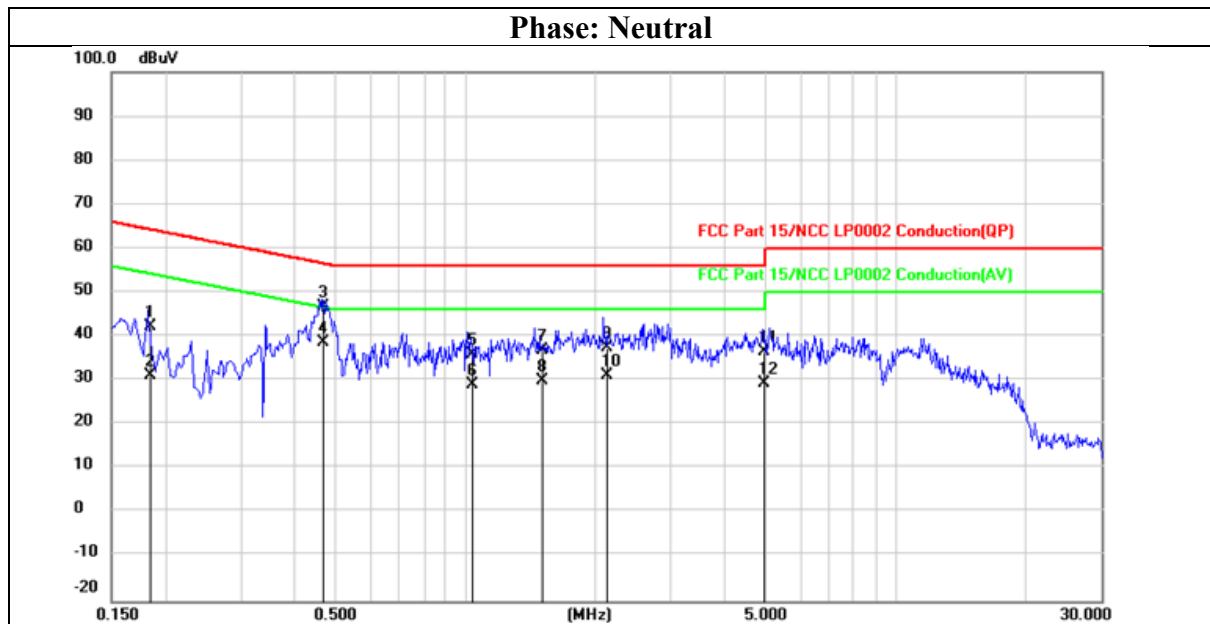
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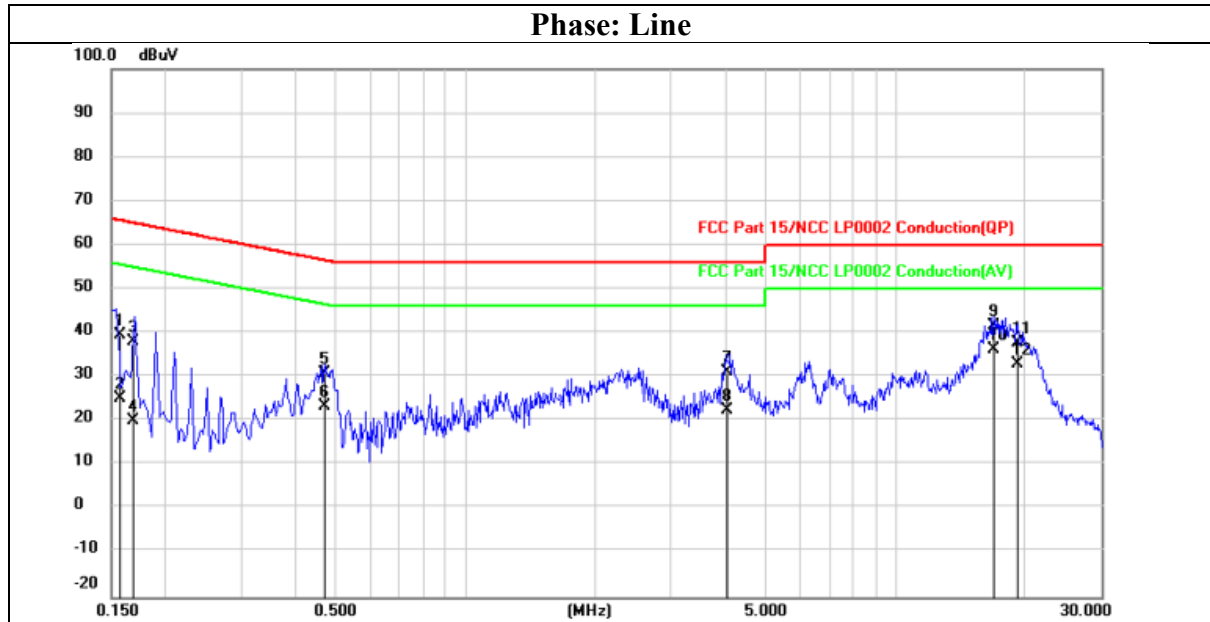
Mode	HT20_TX5580	Channel	116
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No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1848	32.24	9.93	42.17	64.27	-22.10	QP
2	0.1848	21.15	9.93	31.08	54.27	-23.19	AVG
3	0.4667	36.85	9.94	46.79	56.57	-9.78	QP
4	0.4667	28.73	9.94	38.67	46.57	-7.90	AVG
5	1.0368	25.96	9.96	35.92	56.00	-20.08	QP
6	1.0368	19.23	9.96	29.19	46.00	-16.81	AVG
7	1.5077	26.82	9.98	36.80	56.00	-19.20	QP
8	1.5077	20.04	9.98	30.02	46.00	-15.98	AVG
9	2.1260	27.39	10.00	37.39	56.00	-18.61	QP
10	2.1260	21.19	10.00	31.19	46.00	-14.81	AVG
11	4.9594	26.58	10.08	36.66	56.00	-19.34	QP
12	4.9594	19.26	10.08	29.34	46.00	-16.66	AVG

AVD6002

Mode	HT20_TX5580	Channel	116
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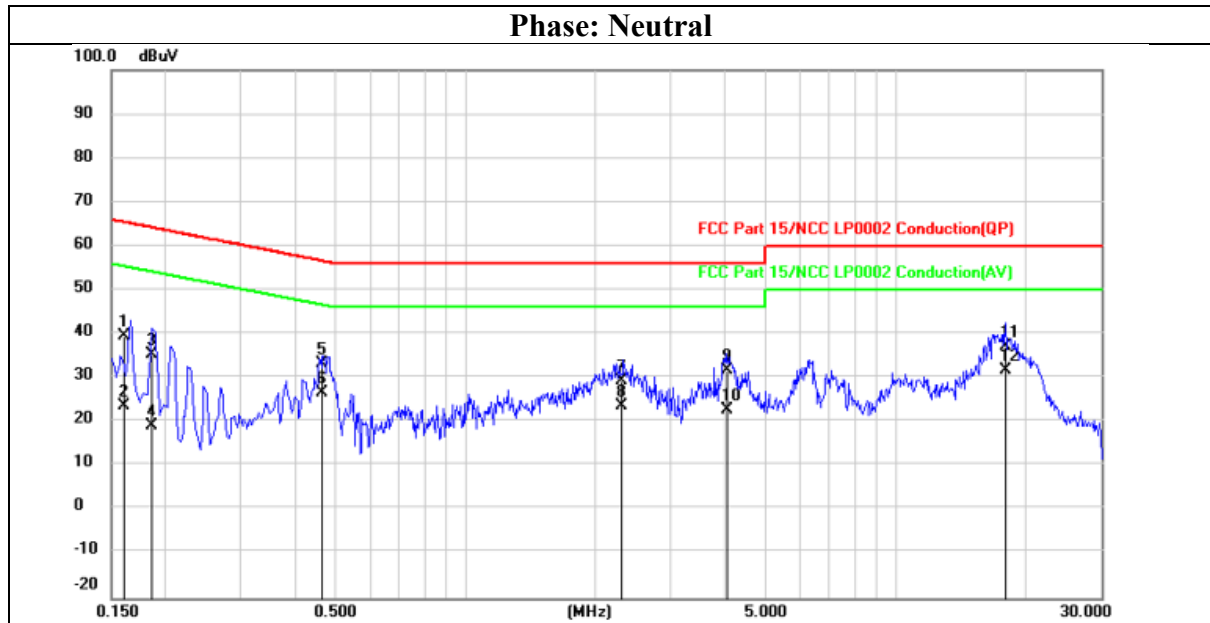
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1568	29.62	9.95	39.57	65.63	-26.06	QP
2	0.1568	15.25	9.95	25.20	55.63	-30.43	AVG
3	0.1679	28.20	9.95	38.15	65.06	-26.91	QP
4	0.1679	10.08	9.95	20.03	55.06	-35.03	AVG
5	0.4694	20.87	9.97	30.84	56.52	-25.68	QP
6	0.4694	13.45	9.97	23.42	46.52	-23.10	AVG
7	4.0705	21.18	10.12	31.30	56.00	-24.70	QP
8	4.0705	12.35	10.12	22.47	46.00	-23.53	AVG
9	16.8534	31.28	10.45	41.73	60.00	-18.27	QP
10	16.8534	25.66	10.45	36.11	50.00	-13.89	AVG
11	19.2201	27.40	10.49	37.89	60.00	-22.11	QP
12	19.2201	22.43	10.49	32.92	50.00	-17.08	AVG

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Mode	HT20_TX5580	Channel	116
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No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1618	29.63	9.99	39.62	65.37	-25.75	QP
2	0.1618	13.57	9.99	23.56	55.37	-31.81	AVG
3	0.1848	25.31	9.98	35.29	64.27	-28.98	QP
4	0.1848	9.17	9.98	19.15	54.27	-35.12	AVG
5	0.4640	23.41	9.98	33.39	56.62	-23.23	QP
6	0.4640	16.81	9.98	26.79	46.62	-19.83	AVG
7	2.3040	19.29	10.07	29.36	56.00	-26.64	QP
8	2.3040	13.55	10.07	23.62	46.00	-22.38	AVG
9	4.0696	21.67	10.11	31.78	56.00	-24.22	QP
10	4.0696	12.69	10.11	22.80	46.00	-23.20	AVG
11	18.0168	26.67	10.47	37.14	60.00	-22.86	QP
12	18.0168	21.41	10.47	31.88	50.00	-18.12	AVG

END OF REPORT

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