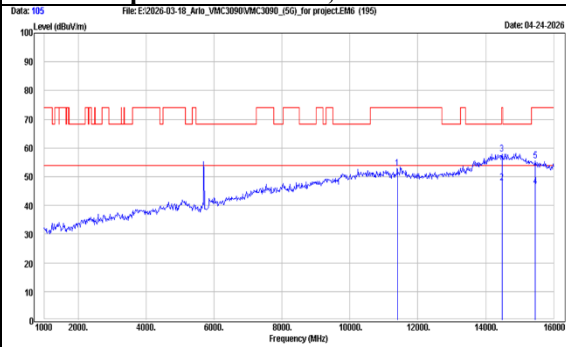
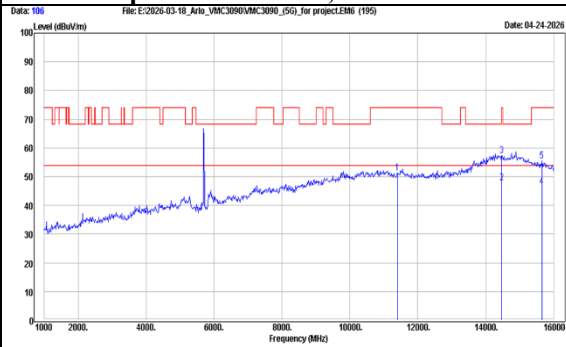


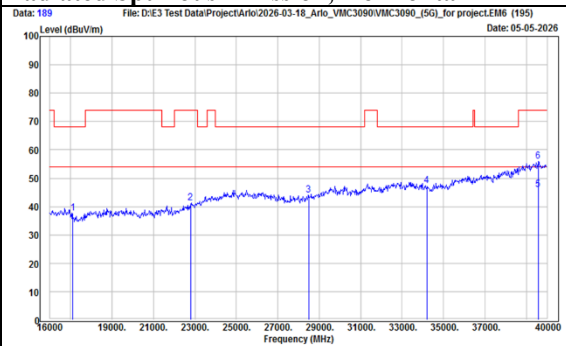
TX, 802.11a - Emission (Ch 140)
Radiated Spurious Emission, Horizontal



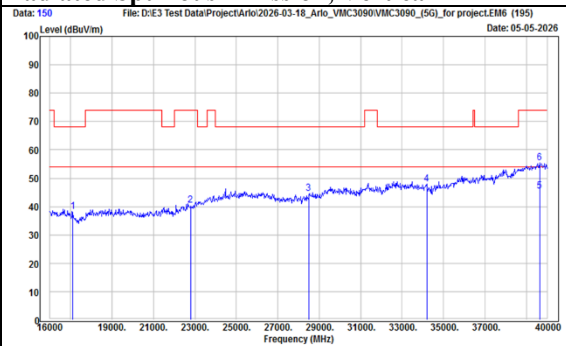
TX, 802.11a - Emission (Ch 140)
Radiated Spurious Emission, Vertical



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	31.07	21.19	52.26	74	-21.74	PK
		14470	28.82	27.97	56.79	68.2	-11.41	PK
		14470	19.8	27.97	47.77	54	-6.23	AVG
		15430	29.01	26.08	55.09	74	-18.91	PK
		15430	20.18	26.08	46.26	54	-7.74	AVG
	*	17160	31.98	5.23	37.21	68.2	-30.99	PK
	*	22880	33.25	8.04	41.29	74	-32.71	PK
	*	28600	32.8	11.14	43.94	68.2	-24.26	PK
	*	34320	35.2	11.97	47.17	68.2	-21.03	PK
		39640	38.33	17.22	55.55	74	-18.45	PK
		39640	28.49	17.22	45.71	54	-8.29	AVG
Vertical	*	11440	31	21.19	52.19	74	-21.81	PK
		14470	28.63	27.97	56.6	68.2	-11.6	PK
		14470	19.61	27.97	47.58	54	-6.42	AVG
		15475	29.5	25.98	55.48	74	-18.52	PK
		15475	20.67	25.98	46.65	54	-7.35	AVG
	*	17160	32.1	5.23	37.33	68.2	-30.87	PK
	*	22880	33.5	8.04	41.54	74	-32.46	PK
	*	28600	33.11	11.14	44.25	68.2	-23.95	PK
	*	34320	34.87	11.97	46.84	68.2	-21.36	PK
		39976	37.79	17.77	55.56	74	-18.44	PK
		39976	27.95	17.77	45.72	54	-8.28	AVG

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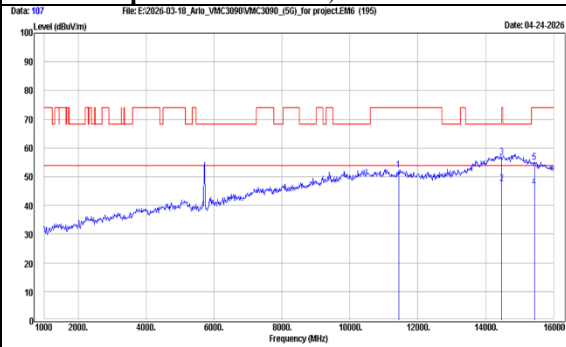
Building A, B and E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone : +886-2-7737-3000

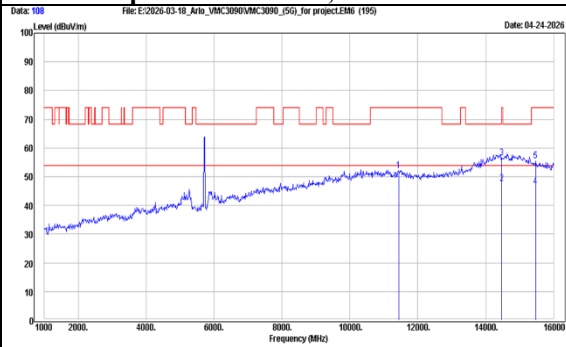
Facsimile (FAX) : +886-3-583-7948

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

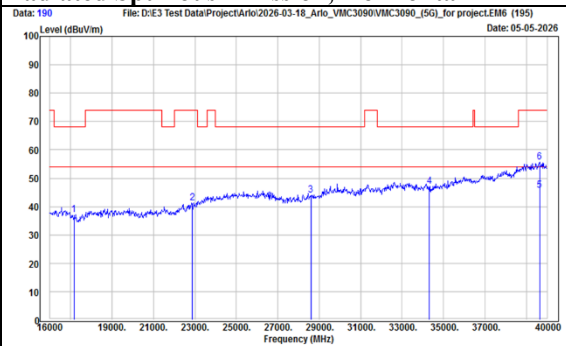
TX, 802.11a - Emission (Ch 144)
Radiated Spurious Emission, Horizontal



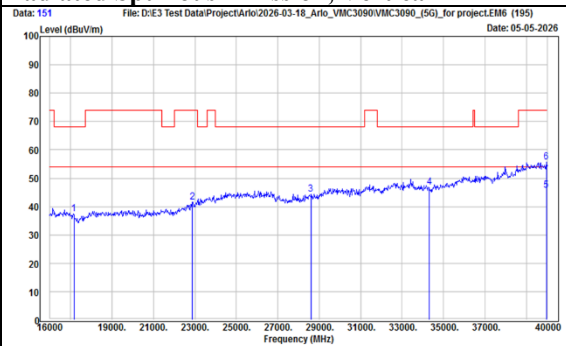
TX, 802.11a - Emission (Ch 144)
Radiated Spurious Emission, Vertical



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	41.66	21.49	63.15	74	-10.85	PK
		11490	31.57	21.49	53.06	54	-0.94	AVG
		14470	28.6	27.97	56.57	68.2	-11.63	PK
		14470	20.03	27.97	48	54	-6	AVG
		15400	29.78	26.14	55.92	74	-18.08	PK
		15400	20.95	26.14	47.09	54	-6.91	AVG
	*	17235	32.31	5.07	37.38	68.2	-30.82	PK
	*	22980	33.2	8.3	41.5	74	-32.5	PK
	*	28725	33.06	11.21	44.27	68.2	-23.93	PK
	*	34470	35.49	11.73	47.22	68.2	-20.98	PK
		39592	37.96	17.15	55.11	74	-18.89	PK
		39592	28.12	17.15	45.27	54	-8.73	AVG
Vertical		11490	42.41	21.49	63.9	74	-10.1	PK
		11490	32.16	21.49	53.65	54	-0.35	AVG
		14470	28.54	27.97	56.51	68.2	-11.69	PK
		14470	19.97	27.97	47.94	54	-6.06	AVG
		15400	29.31	26.14	55.45	74	-18.55	PK
		15400	21.76	26.14	47.9	54	-6.1	AVG
	*	17235	33.23	5.07	38.3	68.2	-29.9	PK
	*	22980	33.47	8.3	41.77	74	-32.23	PK
	*	28725	32.9	11.21	44.11	68.2	-24.09	PK
	*	34470	36.62	11.73	48.35	68.2	-19.85	PK
		39568	38.65	17.11	55.76	74	-18.24	PK
		39568	28.81	17.11	45.92	54	-8.08	AVG

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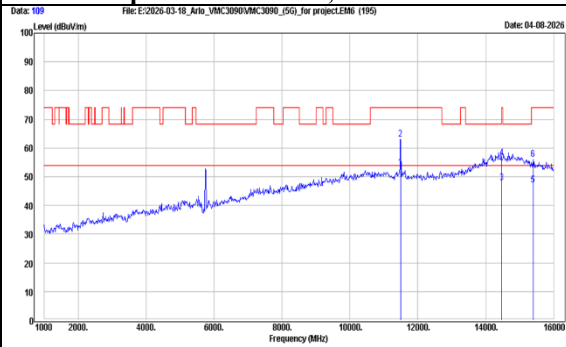
Building A, B and E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone : +886-2-7737-3000

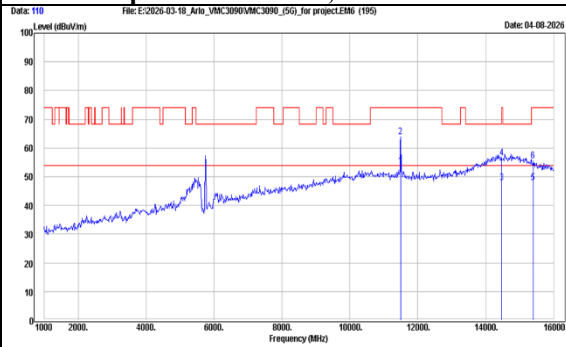
Facsimile (FAX) : +886-3-583-7948

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

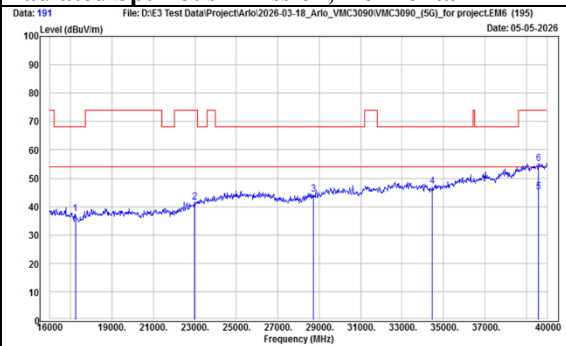
TX, 802.11a - Emission (Ch 149)
Radiated Spurious Emission, Horizontal



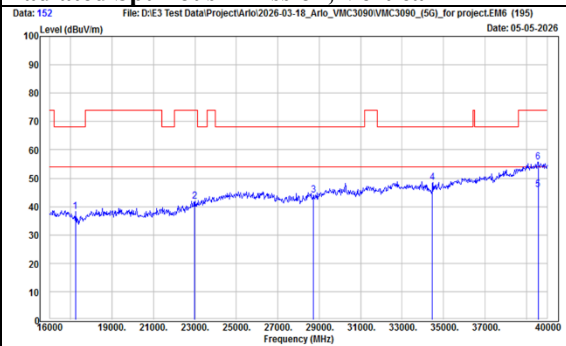
TX, 802.11a - Emission (Ch 149)
Radiated Spurious Emission, Vertical



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	40.4	21.26	61.66	74	-12.34	PK
		11570	31.82	21.26	53.08	54	-0.92	AVG
		14470	30.17	27.97	58.14	68.2	-10.06	PK
		14470	19.74	27.97	47.71	54	-6.29	AVG
		15385	30	26.22	56.22	74	-17.78	PK
		15385	21.17	26.22	47.39	54	-6.61	AVG
	*	17355	31.28	4.84	36.12	68.2	-32.08	PK
	*	23140	32.9	8.66	41.56	68.2	-26.64	PK
	*	28925	32.66	11.36	44.02	68.2	-24.18	PK
	*	34710	35.93	11.97	47.9	68.2	-20.3	PK
		39832	37.85	17.51	55.36	74	-18.64	PK
		39832	28.01	17.51	45.52	54	-8.48	AVG
Vertical		11570	40.93	21.26	62.19	74	-11.81	PK
		11570	32.23	21.26	53.49	54	-0.51	AVG
		14470	30.79	27.97	58.76	68.2	-9.44	PK
		14470	19.87	27.97	47.84	54	-6.16	AVG
		15370	29.64	26.29	55.93	74	-18.07	PK
		15370	20.81	26.29	47.1	54	-6.9	AVG
	*	17355	34.36	4.84	39.2	68.2	-29	PK
	*	23140	32.53	8.66	41.19	68.2	-27.01	PK
	*	28925	34.02	11.36	45.38	68.2	-22.82	PK
	*	34710	35.71	11.97	47.68	68.2	-20.52	PK
		39736	38.2	17.33	55.53	74	-18.47	PK
		39736	28.36	17.33	45.69	54	-8.31	AVG

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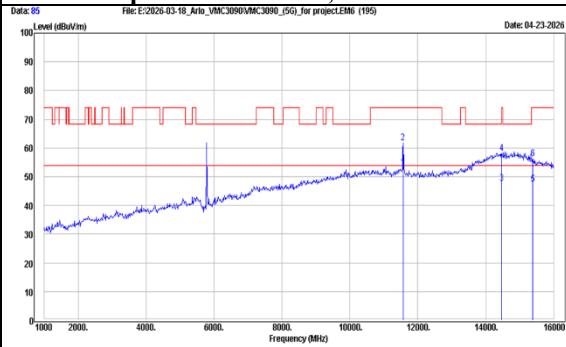
Telephone : +886-2-7737-3000

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

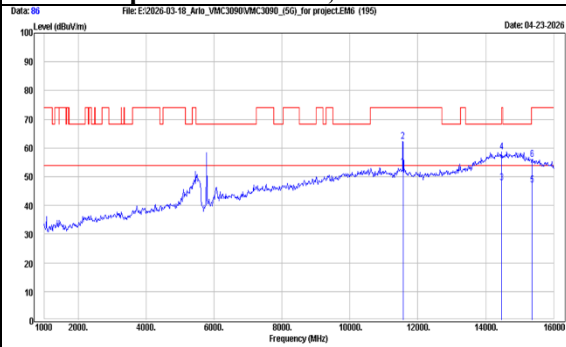
TX, 802.11a - Emission (Ch 157)

Radiated Spurious Emission, Horizontal



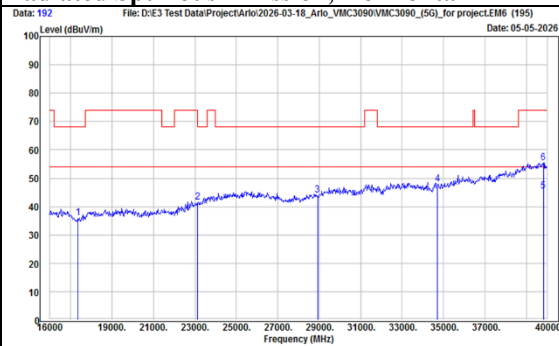
TX, 802.11a - Emission (Ch 157)

Radiated Spurious Emission, Vertical



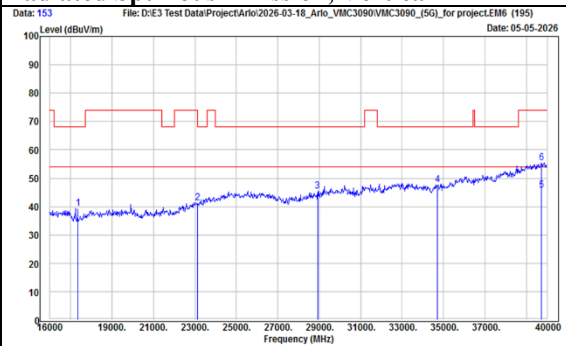
TX, 802.11a - Emission (Ch 157)

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	40.49	20.98	61.47	74	-12.53	PK
		11650	31.94	20.98	52.92	54	-1.08	AVG
		14470	29.79	27.97	57.76	68.2	-10.44	PK
		14470	19.84	27.97	47.81	54	-6.19	AVG
		15370	29.48	26.29	55.77	74	-18.23	PK
		15370	20.65	26.29	46.94	54	-7.06	AVG
	*	17475	32.15	4.6	36.75	68.2	-31.45	PK
	*	23300	33.05	9	42.05	68.2	-26.15	PK
	*	29125	33.02	11.71	44.73	68.2	-23.47	PK
	*	34950	35.51	11.98	47.49	68.2	-20.71	PK
		39832	38.36	17.51	55.87	74	-18.13	PK
		39832	28.52	17.51	46.03	54	-7.97	AVG
Vertical		11650	40.7	20.98	61.68	74	-12.32	PK
		11650	32.19	20.98	53.17	54	-0.83	AVG
		14500	29.46	28	57.46	68.2	-10.74	PK
		14500	19.98	28	47.98	54	-6.02	AVG
		15355	30.69	26.36	57.05	74	-16.95	PK
		15355	21.41	26.36	47.77	54	-6.23	AVG
	*	17475	31.87	4.6	36.47	68.2	-31.73	PK
	*	23300	33.08	9	42.08	68.2	-26.12	PK
	*	29125	33.53	11.71	45.24	68.2	-22.96	PK
	*	34950	35.84	11.98	47.82	68.2	-20.38	PK
		39376	38.26	17.02	55.28	74	-18.72	PK
		39376	28.42	17.02	45.44	54	-8.56	AVG

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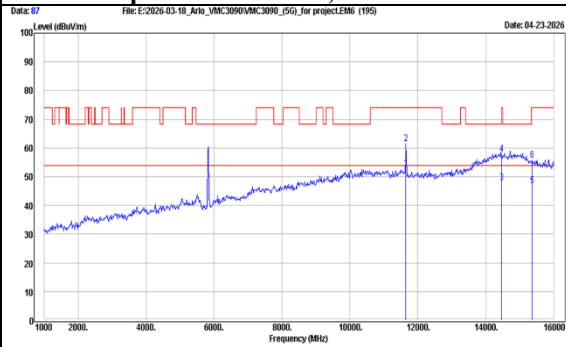
Building A, B and E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone : +886-2-7737-3000

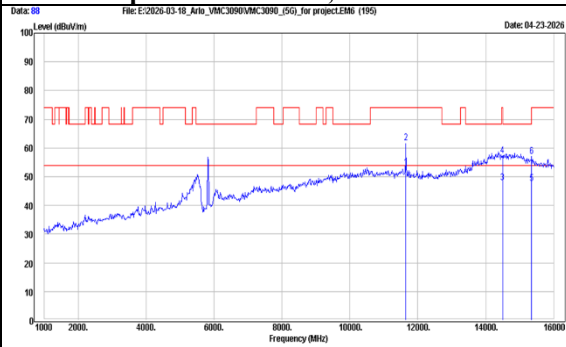
Facsimile (FAX) : +886-3-583-7948

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

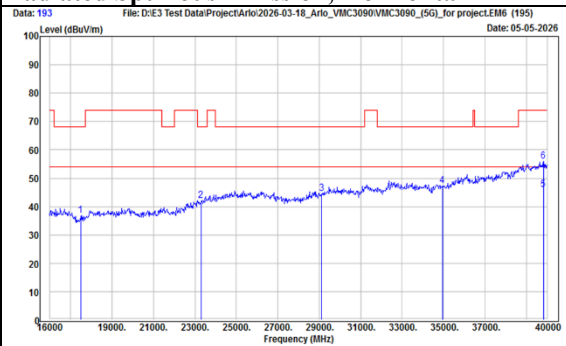
TX, 802.11a - Emission (Ch 165)
Radiated Spurious Emission, Horizontal



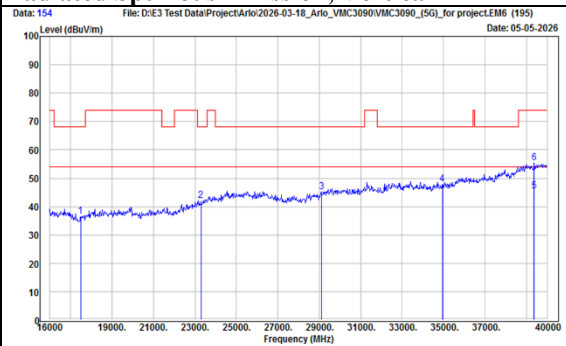
TX, 802.11a - Emission (Ch 165)
Radiated Spurious Emission, Vertical



TX, 802.11a - Emission (Ch 165)
Radiated Spurious Emission, Horizontal



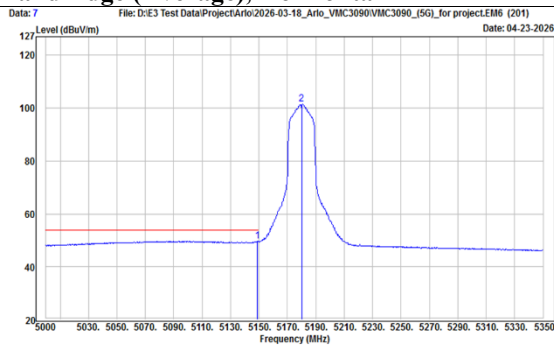
TX, 802.11a - Emission (Ch 165)
Radiated Spurious Emission, Vertical



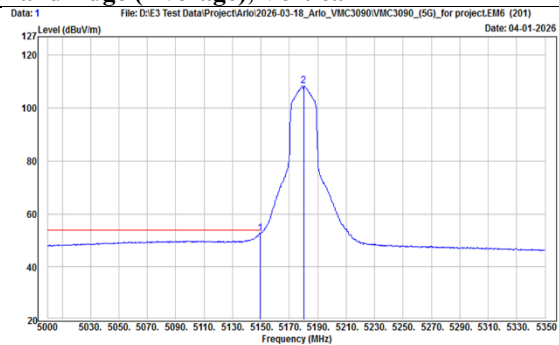
Mode	802.11n(HT20)	Channel	36
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5029.4	42.8	17.93	60.73	74	-13.27	PK
		5149.1	31.26	18.52	49.78	54	-4.22	AVG
	@	5180	89.92	18.31	108.23	N/A	N/A	PK
	@	5180	83.21	18.31	101.52	N/A	N/A	AVG
Vertical		5149.45	50.31	18.52	68.83	74	-5.17	PK
		5149.45	34.24	18.52	52.76	54	-1.24	AVG
	@	5180	97.91	18.31	116.22	N/A	N/A	PK
	@	5180	90.1	18.31	108.41	N/A	N/A	AVG

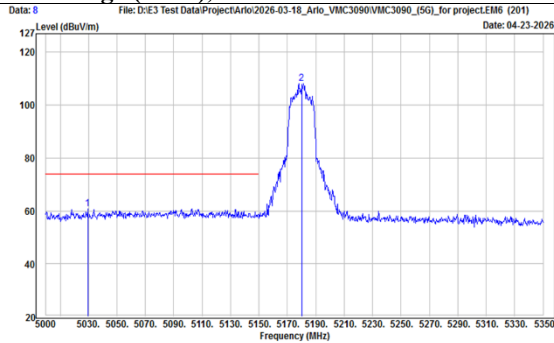
TX, 802.11n(HT20) (Ch 36)
Band Edge (Average), Horizontal



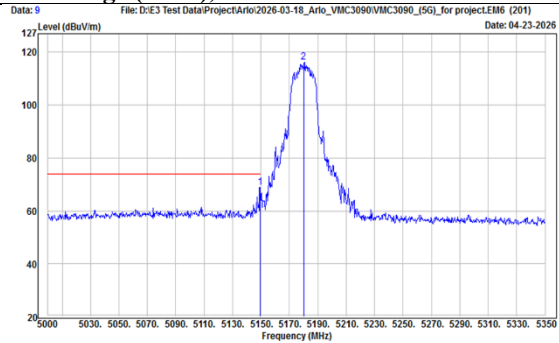
TX, 802.11n(HT20) (Ch 36)
Band Edge (Average), Vertical



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

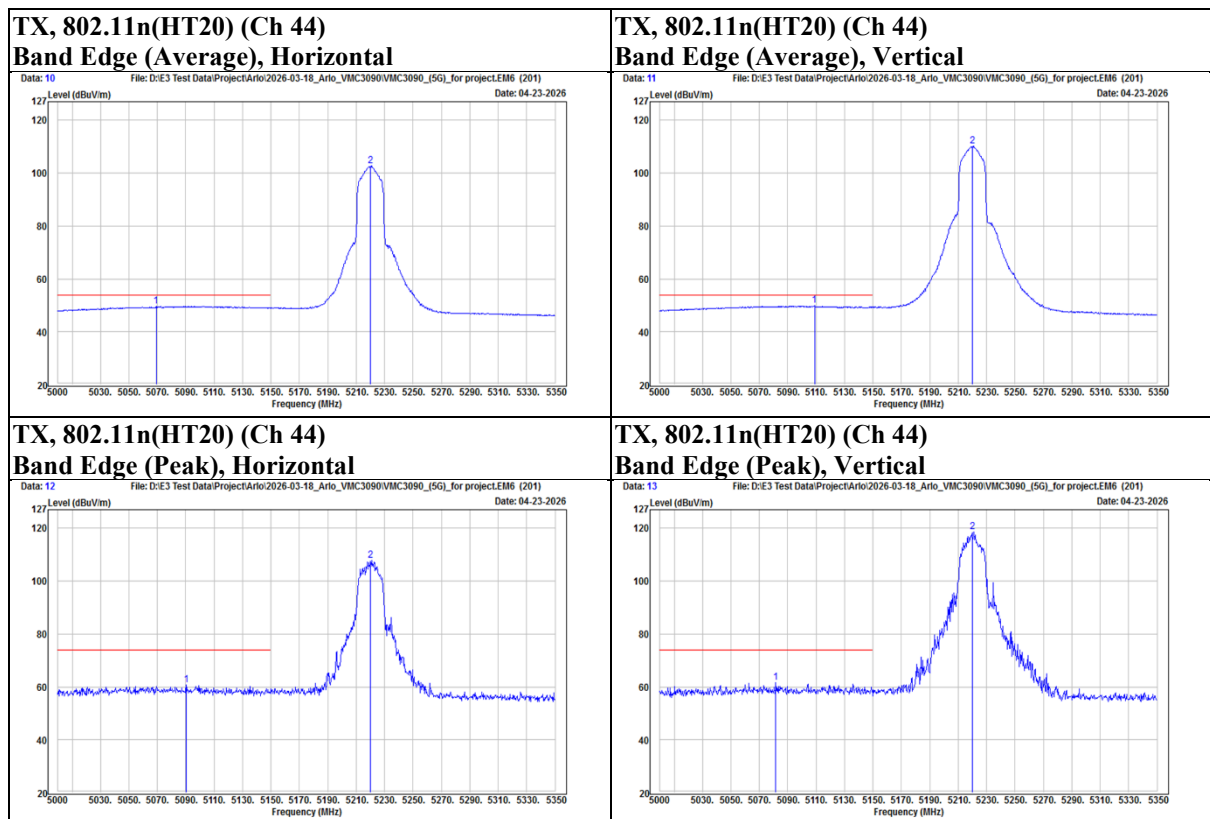


TX, 802.11n(HT20) (Ch 36)
Band Edge (Peak), Vertical



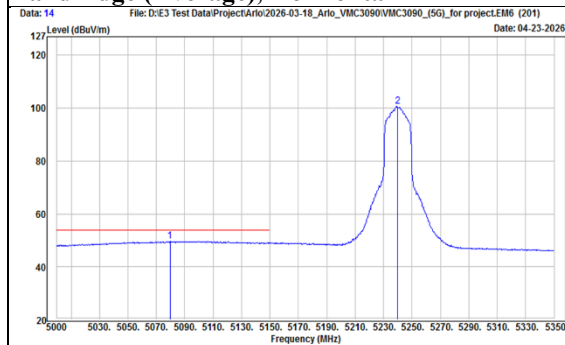
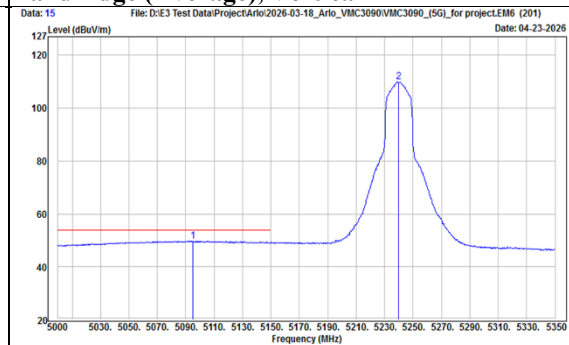
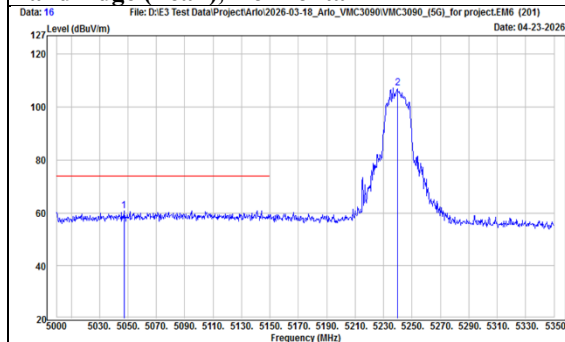
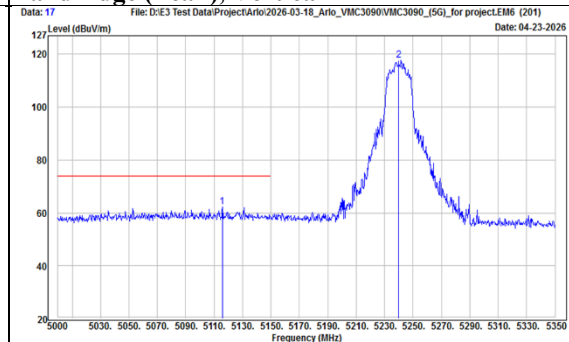
Mode	802.11n(HT20)	Channel	44
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5069.3	31.31	18.38	49.69	54	-4.31	AVG
		5090.3	42.32	18.57	60.89	74	-13.11	PK
	@	5220	89.57	18.15	107.72	N/A	N/A	PK
	@	5220	84.51	18.15	102.66	N/A	N/A	AVG
Vertical		5081.55	43.1	18.49	61.59	74	-12.41	PK
		5108.85	31.2	18.63	49.83	54	-4.17	AVG
	@	5220	100.52	18.15	118.67	N/A	N/A	PK
	@	5220	92.04	18.15	110.19	N/A	N/A	AVG



Mode	802.11n(HT20)	Channel	48
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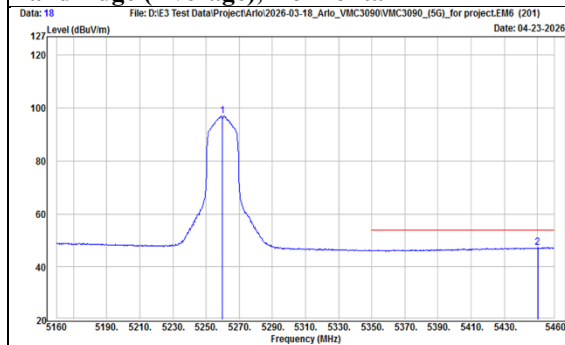
Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5047.25	42.64	18.17	60.81	74	-13.19	PK
		5079.8	31.11	18.48	49.59	54	-4.41	AVG
	@	5240	88.96	18.13	107.09	N/A	N/A	PK
	@	5240	82.38	18.13	100.51	N/A	N/A	AVG
Vertical		5095.2	31.12	18.62	49.74	54	-4.26	AVG
		5115.85	43.65	18.62	62.27	74	-11.73	PK
	@	5240	99.62	18.13	117.75	N/A	N/A	PK
	@	5240	91.79	18.13	109.92	N/A	N/A	AVG

TX, 802.11n(HT20) (Ch 48)
Band Edge (Average), Horizontal

TX, 802.11n(HT20) (Ch 48)
Band Edge (Average), Vertical

TX, 802.11n(HT20) (Ch 48)
Band Edge (Peak), Horizontal

TX, 802.11n(HT20) (Ch 48)
Band Edge (Peak), Vertical


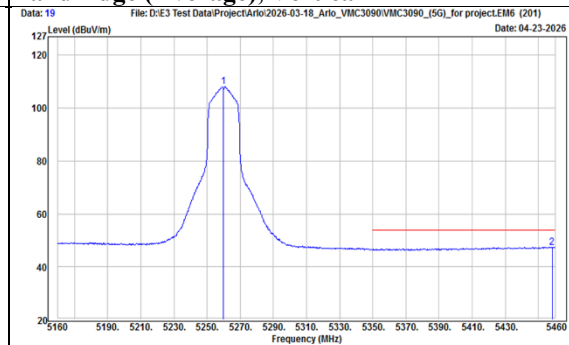
Mode	802.11n(HT20)	Channel	52
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	@	5260	86.64	18.1	104.74	N/A	N/A	PK
	@	5260	79.01	18.1	97.11	N/A	N/A	AVG
		5388.3	40.35	18.1	58.45	74	-15.55	PK
		5450.1	28.57	18.63	47.2	54	-6.8	AVG
Vertical	@	5260	98.32	18.1	116.42	N/A	N/A	PK
	@	5260	89.95	18.1	108.05	N/A	N/A	AVG
		5419.8	40.41	18.36	58.77	74	-15.23	PK
		5458.2	28.71	18.69	47.4	54	-6.6	AVG

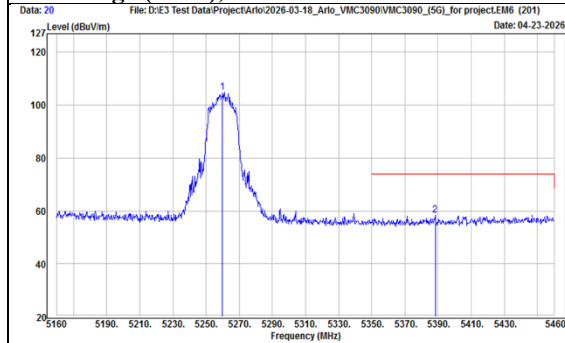
TX, 802.11n(HT20) (Ch 52)
Band Edge (Average), Horizontal



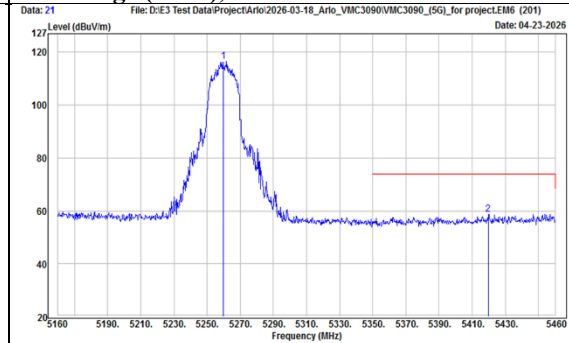
TX, 802.11n(HT20) (Ch 52)
Band Edge (Average), Vertical



TX, 802.11n(HT20) (Ch 52)
Band Edge (Peak), Horizontal

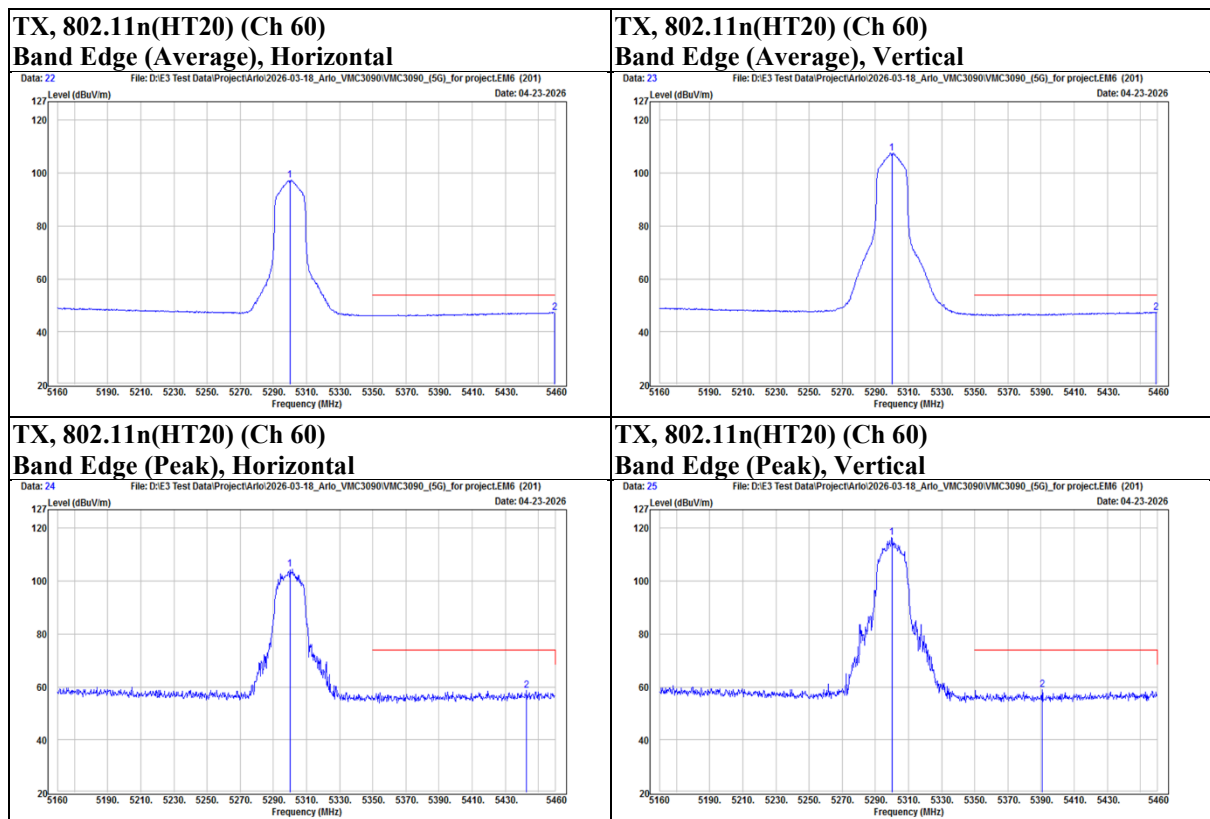


TX, 802.11n(HT20) (Ch 52)
Band Edge (Peak), Vertical



Mode	802.11n(HT20)	Channel	60
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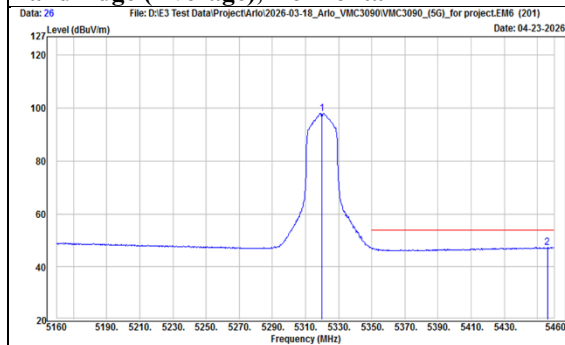
Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	@	5300	86.44	17.97	104.41	N/A	N/A	PK
	@	5300	79.31	17.97	97.28	N/A	N/A	AVG
		5442.9	40.11	18.56	58.67	74	-15.33	PK
		5459.9	28.56	18.7	47.26	54	-6.74	AVG
Vertical	@	5300	98.59	17.97	116.56	N/A	N/A	PK
	@	5300	89.49	17.97	107.46	N/A	N/A	AVG
		5390.7	40.72	18.11	58.83	74	-15.17	PK
		5459.4	28.66	18.69	47.35	54	-6.65	AVG



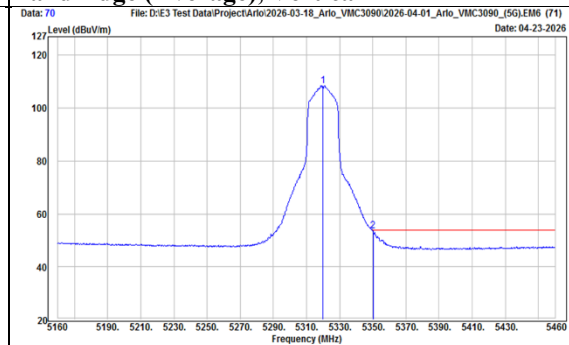
Mode	802.11n(HT20)	Channel	64
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	@	5320	86.64	17.91	104.55	N/A	N/A	PK
	@	5320	80.06	17.91	97.97	N/A	N/A	AVG
		5352.3	41.82	17.84	59.66	74	-14.34	PK
		5456.1	28.59	18.68	47.27	54	-6.73	AVG
Vertical	@	5320	97.28	17.91	115.19	N/A	N/A	PK
	@	5320	90.51	17.91	108.42	N/A	N/A	AVG
		5350.2	35.76	17.82	53.58	54	-0.42	AVG
		5350.5	52.22	17.82	70.04	74	-3.96	PK

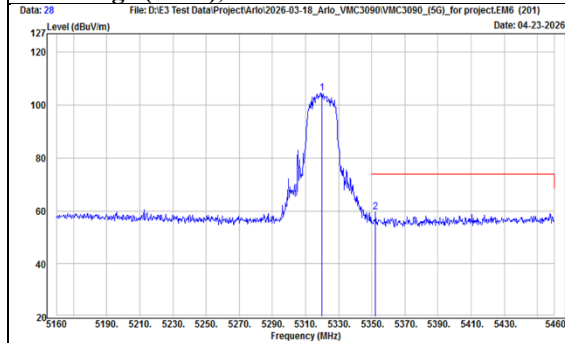
TX, 802.11n(HT20) (Ch 64)
Band Edge (Average), Horizontal



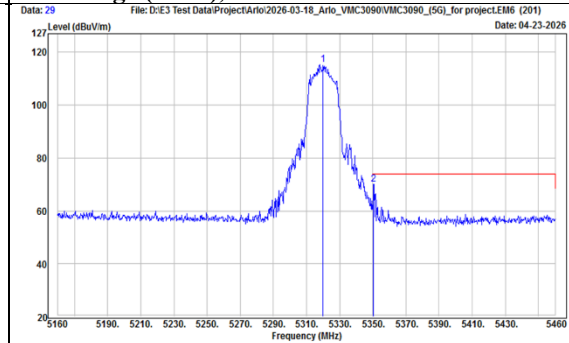
TX, 802.11n(HT20) (Ch 64)
Band Edge (Average), Vertical



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

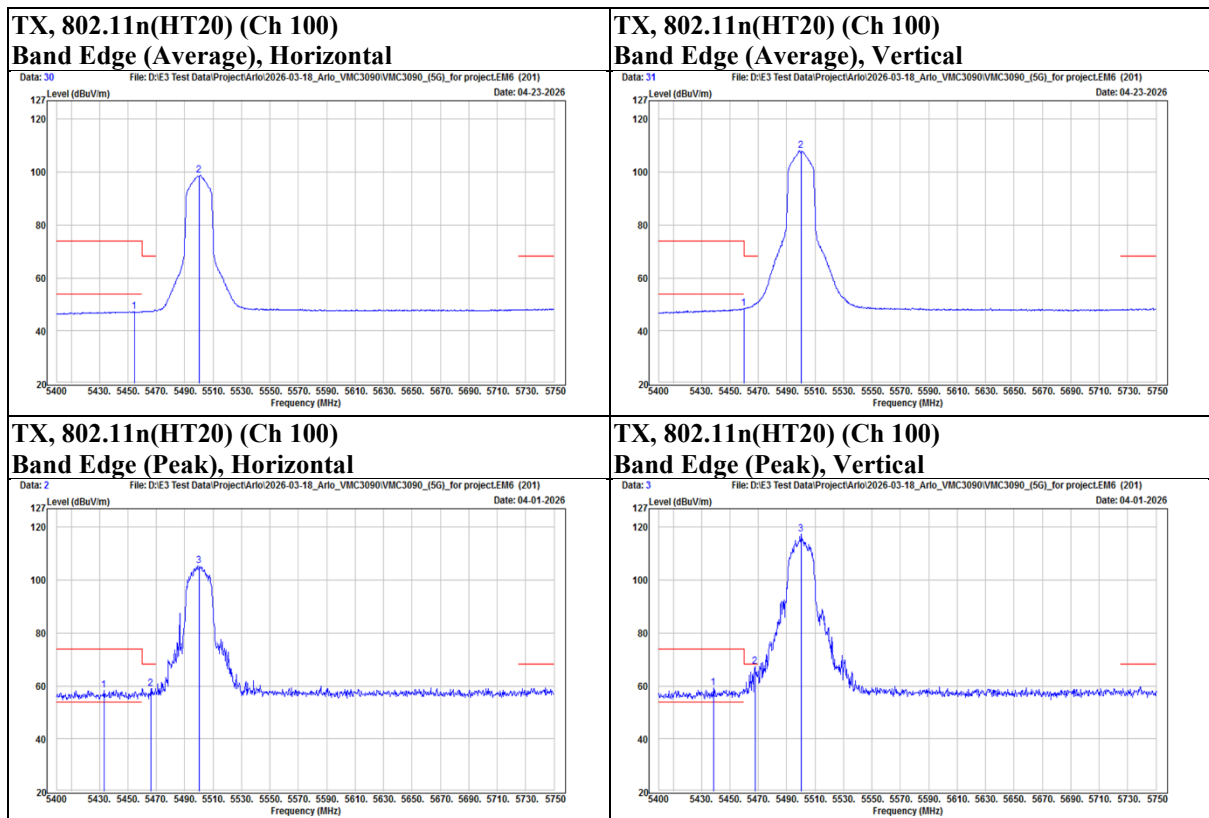


TX, 802.11n(HT20) (Ch 64)
Band Edge (Peak), Vertical



Mode	802.11n(HT20)	Channel	100
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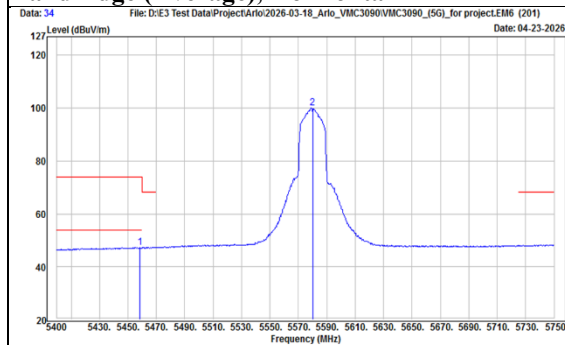
Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5433.25	39.92	18.48	58.4	74	-15.6	PK
		5454.6	28.58	18.67	47.25	54	-6.75	AVG
		5466.15	40.16	18.74	58.9	68.2	-9.3	PK
	@	5500	86.42	18.98	105.4	N/A	N/A	PK
	@	5500	79.9	18.98	98.88	N/A	N/A	AVG
Vertical		5438.5	40.67	18.53	59.2	74	-14.8	PK
		5459.85	29.76	18.7	48.46	54	-5.54	AVG
		5467.55	48.61	18.76	67.37	68.2	-0.83	PK
	@	5500	98.35	18.98	117.33	N/A	N/A	PK
	@	5500	89.09	18.98	108.07	N/A	N/A	AVG



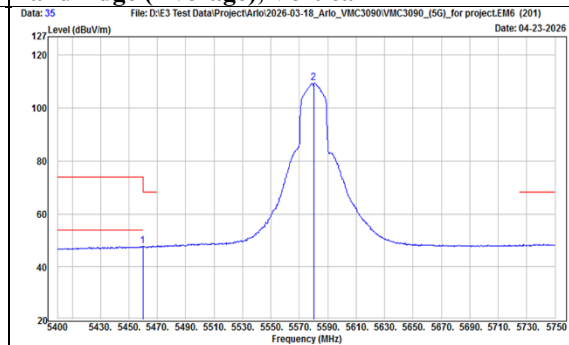
Mode	802.11n(HT20)	Channel	116
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5458.45	28.61	18.68	47.29	54	-6.71	AVG
		5459.5	39.75	18.69	58.44	74	-15.56	PK
		5460.55	39.78	18.7	58.48	68.2	-9.72	PK
	@	5580	89.15	18.74	107.89	N/A	N/A	PK
	@	5580	81.28	18.74	100.02	N/A	N/A	AVG
		5739.15	40.41	18.94	59.35	68.2	-8.85	PK
Vertical		5400.35	40.12	18.18	58.3	74	-15.7	PK
		5459.85	29.03	18.7	47.73	54	-6.27	AVG
		5464.75	40.15	18.73	58.88	68.2	-9.32	PK
	@	5580	98.52	18.74	117.26	N/A	N/A	PK
	@	5580	90.79	18.74	109.53	N/A	N/A	AVG
		5744.4	40.73	18.98	59.71	68.2	-8.49	PK

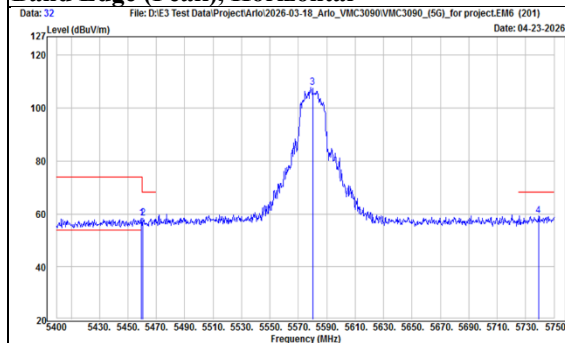
TX, 802.11n(HT20) (Ch 116)
Band Edge (Average), Horizontal



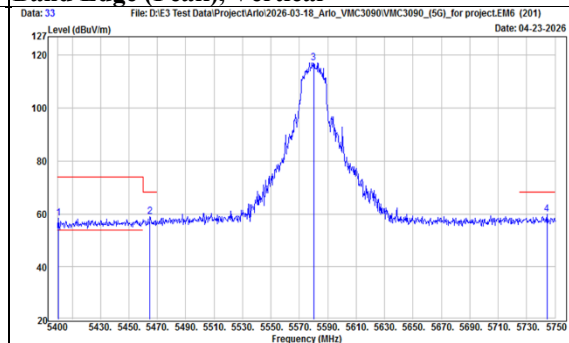
TX, 802.11n(HT20) (Ch 116)
Band Edge (Average), Vertical



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



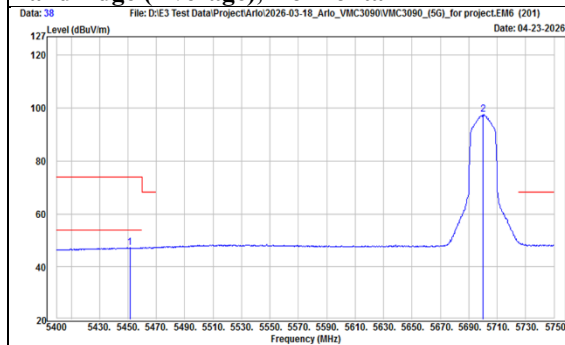
TX, 802.11n(HT20) (Ch 116)
Band Edge (Peak), Vertical



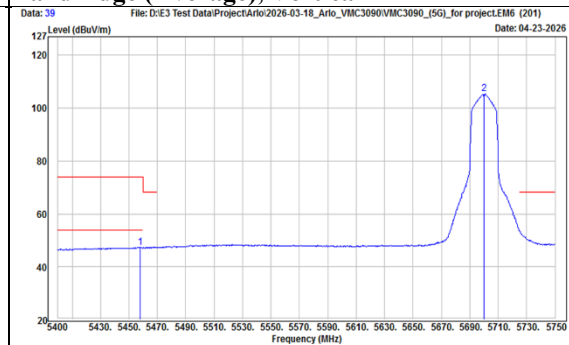
Mode	802.11n(HT20)	Channel	140
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5415.4	40.42	18.31	58.73	74	-15.27	PK
		5451.45	28.55	18.64	47.19	54	-6.81	AVG
		5460.9	39.51	18.71	58.22	68.2	-9.98	PK
	@	5700	88.05	18.67	106.72	N/A	N/A	PK
	@	5700	79	18.67	97.67	N/A	N/A	AVG
		5747.55	41.29	19.01	60.3	68.2	-7.9	PK
Vertical		5445.5	39.82	18.59	58.41	74	-15.59	PK
		5458.1	28.58	18.69	47.27	54	-6.73	AVG
		5464.4	39.34	18.73	58.07	68.2	-10.13	PK
	@	5700	95.21	18.67	113.88	N/A	N/A	PK
	@	5700	86.64	18.67	105.31	N/A	N/A	AVG
		5729.7	48.54	18.88	67.42	68.2	-0.78	PK

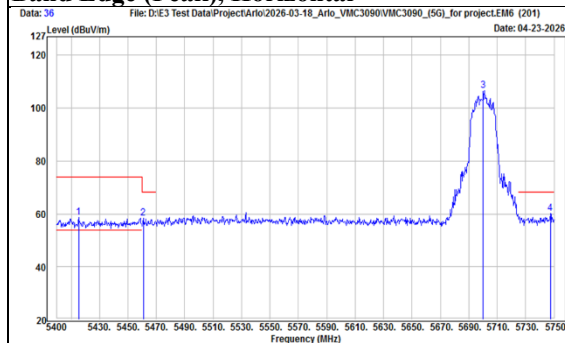
TX, 802.11n(HT20) (Ch 140)
Band Edge (Average), Horizontal



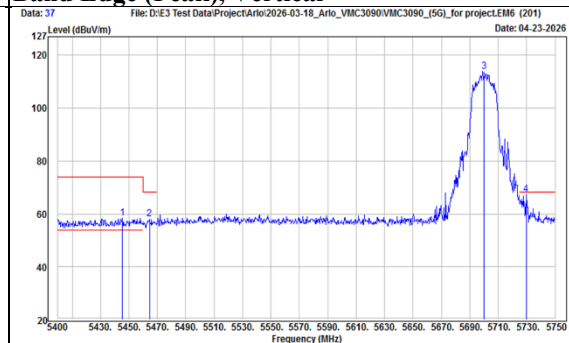
TX, 802.11n(HT20) (Ch 140)
Band Edge (Average), Vertical



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



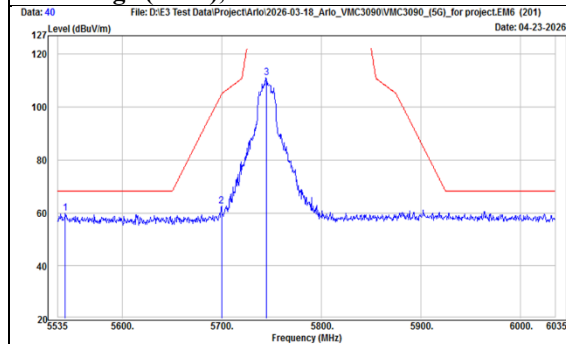
TX, 802.11n(HT20) (Ch 140)
Band Edge (Peak), Vertical



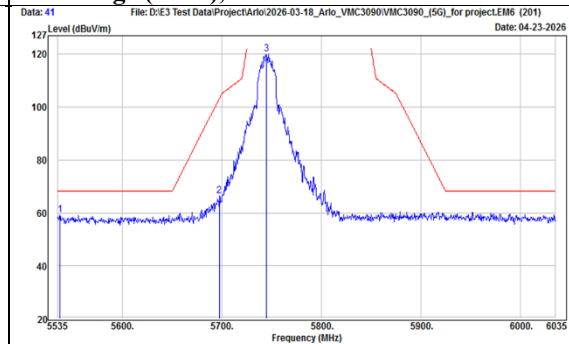
Mode	802.11n(HT20)	Channel	149
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal		5542.5	40.96	18.85	59.81	68.2	-8.39	PK
		5699.5	43.75	18.67	62.42	104.83	-42.41	PK
	@	5745	92.17	18.99	111.16	N/A	N/A	PK
Vertical		5537	40.41	18.87	59.28	68.2	-8.92	PK
		5697.5	47.8	18.67	66.47	103.36	-36.89	PK
	@	5745	101.07	18.99	120.06	N/A	N/A	PK

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

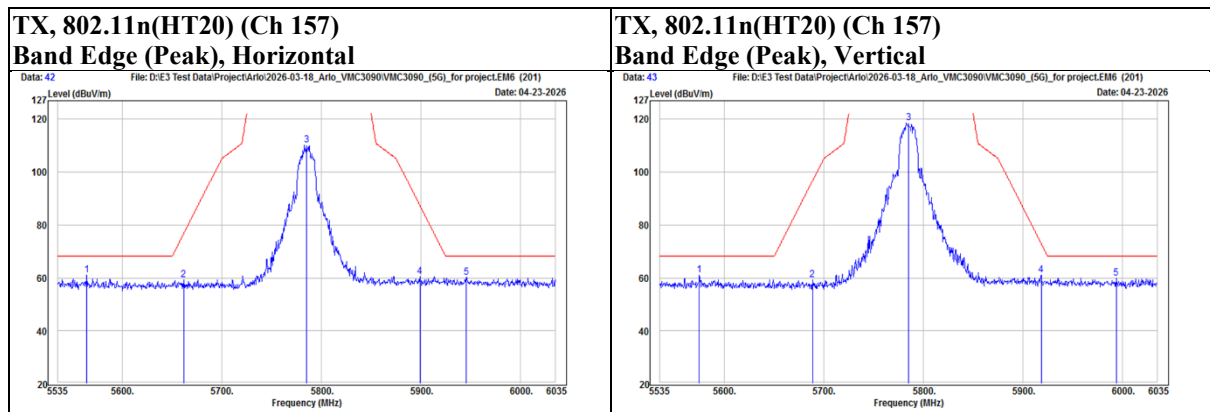


TX, 802.11n(HT20) (Ch 149)
Band Edge (Peak), Vertical



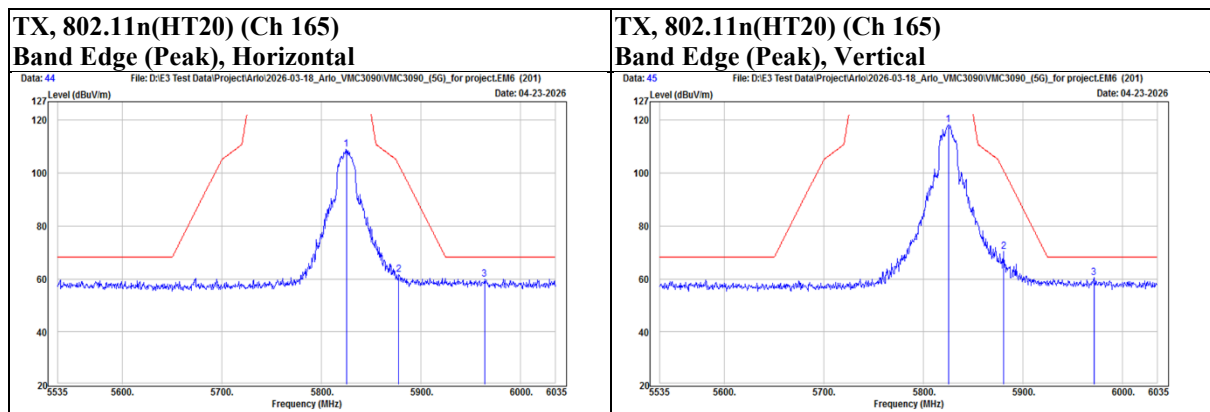
Mode	802.11n(HT20)	Channel	157
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Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	@	5564	42.17	18.78	60.95	68.2	-7.25	PK
		5661.5	40.6	18.64	59.24	76.74	-17.5	PK
		5785	91.13	19.19	110.32	N/A	N/A	PK
		5899	40.73	19.85	60.58	87.4	-26.82	PK
		5946	40.53	19.72	60.25	68.2	-7.95	PK
Vertical	@	5574.5	42.22	18.75	60.97	68.2	-7.23	PK
		5688.5	40.47	18.66	59.13	96.72	-37.59	PK
		5785	99.4	19.19	118.59	N/A	N/A	PK
		5918.5	41.14	19.81	60.95	72.99	-12.04	PK
		5994	40.13	19.83	59.96	68.2	-8.24	PK



Mode	802.11n(HT20)	Channel	165
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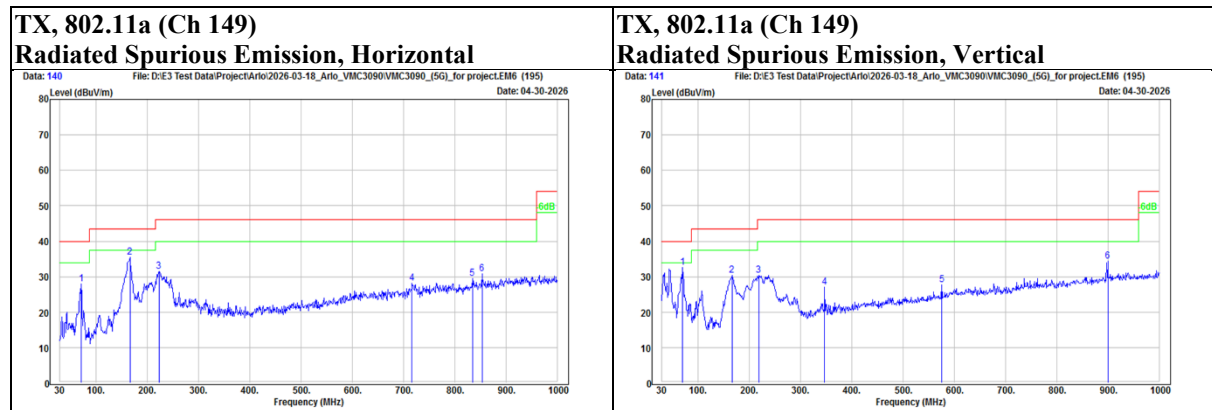
Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	@	5825	89.64	19.44	109.08	N/A	N/A	PK
		5878	41.86	19.75	61.61	102.97	-41.36	PK
		5964	40.24	19.75	59.99	68.2	-8.21	PK
Vertical	@	5825	98.76	19.44	118.2	N/A	N/A	PK
		5881	50.51	19.76	70.27	100.74	-30.47	PK
		5971.5	40.61	19.77	60.38	68.2	-7.82	PK



Below 1 GHz

Mode	802.11a	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		71.71	53.35	-25.43	27.92	40	-12.08	PK
		166.77	59.96	-24.41	35.55	43.5	-7.95	PK
		223.03	53.01	-21.52	31.49	46	-14.51	PK
		716.76	37.91	-9.81	28.1	46	-17.9	PK
		835.1	37.13	-7.69	29.44	46	-16.56	PK
		853.53	38.15	-7.4	30.75	46	-15.25	PK
Vertical		70.74	57.85	-25.25	32.6	40	-7.4	PK
		166.77	54.68	-24.41	30.27	43.5	-13.23	PK
		219.15	52.26	-21.84	30.42	46	-15.58	PK
		347.19	43.89	-16.91	26.98	46	-19.02	PK
		576.11	40.2	-12.44	27.76	46	-18.24	PK
		900.09	40.9	-6.58	34.32	46	-11.68	PK



Below 30MHz**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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Doc No: Form-ULID-004739 (DCS:17-EM-F0878) / 6.1

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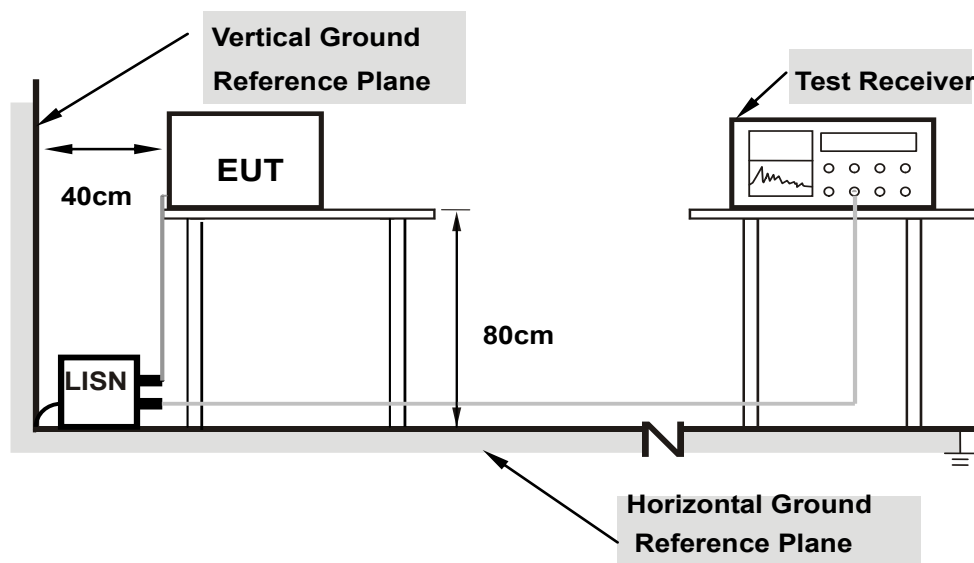
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Doc No: Form-ULID-004739 (DCS:17-EM-F0878) / 6.1

Test Setup

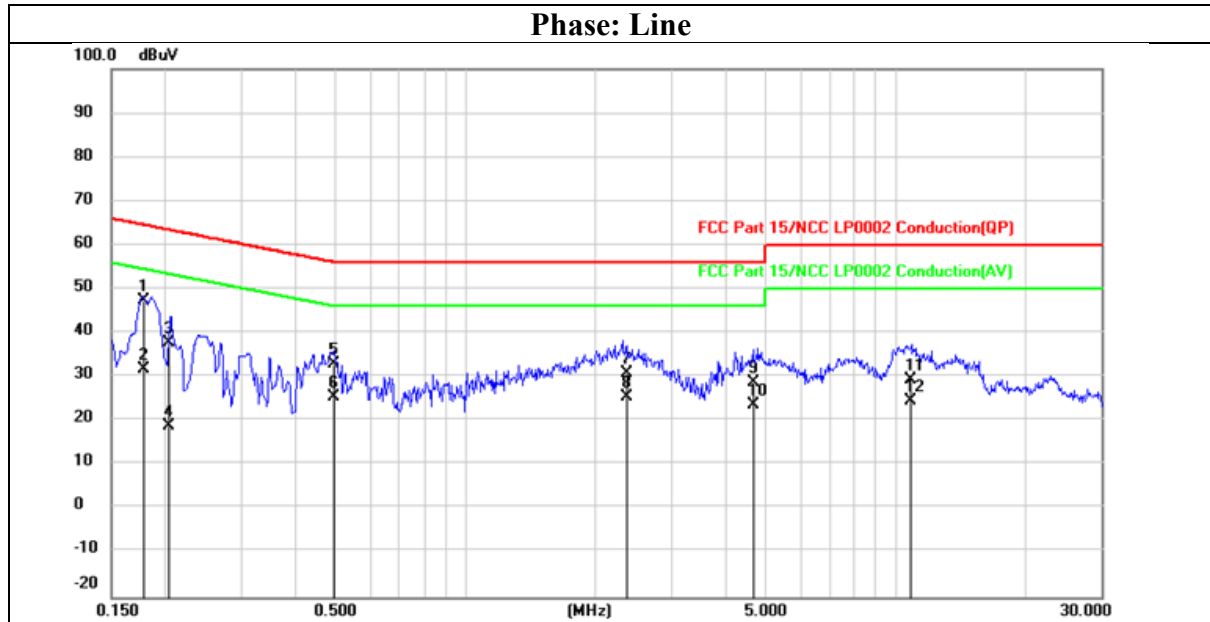


Note: 1.Support units were connected to second LISN.

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

Test Data

Mode	11a_TX5785	Channel	157
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No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1785	27.90	19.45	47.35	64.56	-17.21	QP
2	0.1785	12.31	19.45	31.76	54.56	-22.80	AVG
3	0.2038	18.42	19.45	37.87	63.45	-25.58	QP
4	0.2038	-0.49	19.45	18.96	53.45	-34.49	AVG
5	0.4932	13.40	19.46	32.86	56.11	-23.25	QP
6	0.4932	6.06	19.46	25.52	46.11	-20.59	AVG
7	2.3772	11.22	19.51	30.73	56.00	-25.27	QP
8	2.3772	5.90	19.51	25.41	46.00	-20.59	AVG
9	4.7006	9.23	19.56	28.79	56.00	-27.21	QP
10	4.7006	4.13	19.56	23.69	46.00	-22.31	AVG
11	10.7678	9.57	19.67	29.24	60.00	-30.76	QP
12	10.7678	4.94	19.67	24.61	50.00	-25.39	AVG

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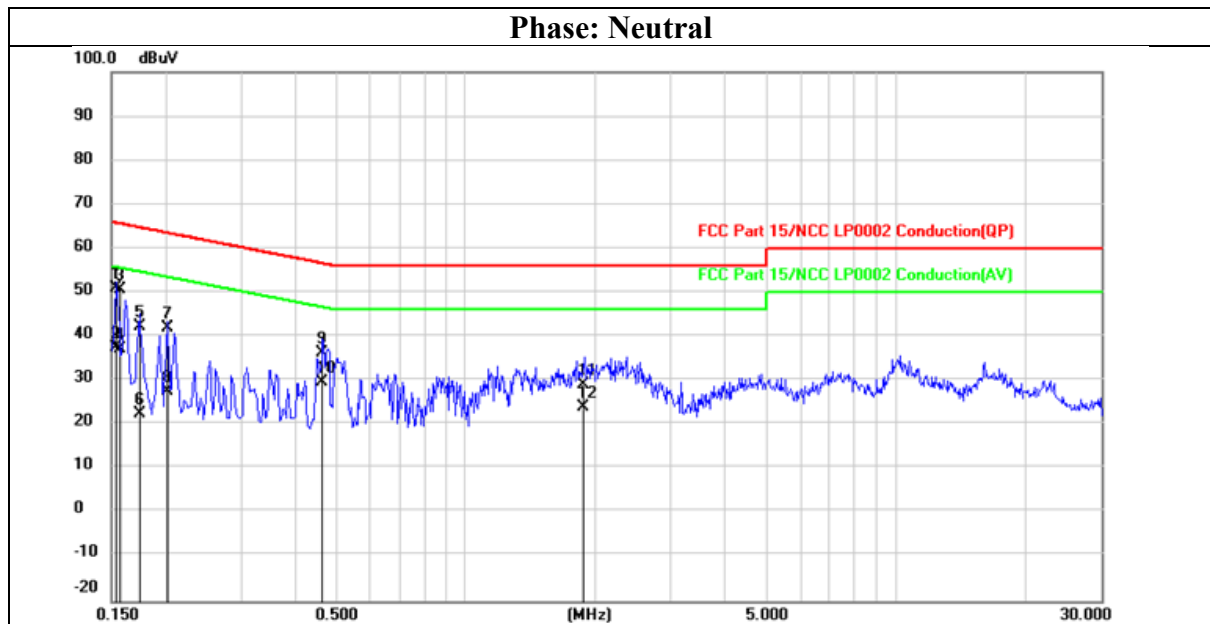
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Doc No: Form-ULID-004739 (DCS:17-EM-F0878) / 6.1

Mode	11a_TX5785	Channel	157
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No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1528	31.64	19.45	51.09	65.85	-14.76	QP
2	0.1528	18.03	19.45	37.48	55.85	-18.37	AVG
3	0.1570	31.15	19.45	50.60	65.62	-15.02	QP
4	0.1570	17.84	19.45	37.29	55.62	-18.33	AVG
5	0.1733	22.74	19.45	42.19	64.80	-22.61	QP
6	0.1733	2.98	19.45	22.43	54.80	-32.37	AVG
7	0.2026	22.57	19.45	42.02	63.50	-21.48	QP
8	0.2026	7.99	19.45	27.44	53.50	-26.06	AVG
9	0.4660	16.82	19.45	36.27	56.58	-20.31	QP
10	0.4660	10.31	19.45	29.76	46.58	-16.82	AVG
11	1.8803	9.56	19.51	29.07	56.00	-26.93	QP
12	1.8803	4.49	19.51	24.00	46.00	-22.00	AVG

END OF REPORT

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